

CONFIDENTIAL

Release Date *02/10/21*

P-W

Kerr-McGee #1 Navajo-F
SE SE 24-36N-29E Apache County

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

DESIGNATE TYPE OF COMPLETION:

New Well Work-Over Deepen Plug Back Same Reservoir Different Reservoir Oil Gas Dry

DESCRIPTION OF WELL AND LEASE

Operator **KERR-McGEE CORPORATION** Address **215 Petroleum Center Building, Farmington, NM**

Federal, State or Indian Lease Number or name of lessor if fee lease **14-20-0603-8824 NAVAJO "F"** Well Number **1** Field & Reservoir **Dineh-bi-Keyah, Lower Harnosa**

Location **550' FSL and 740' FEL (SESE)** County **Apache**

Sec. TWP-Range or Block & Survey **Sec. 24, T36N, R29E G&SRM**

Date spudded **11-6-67** Date total depth reached **11-27-67** Date completed, ready to produce **7-6-69** Elevation (DF, RKB, RT or Gr.) **8485** feet Elevation of casing hd. flange **8485** feet

Total depth **4465'** P.B.T.D. **4400'** Single, dual or triple completion? **Single** If this is a dual or triple completion, furnish separate report for each completion.

Producing interval (s) for this completion **4239-4251'** Rotary tools used (interval) **0-4465'** Cable tools used (interval) **None**

Was this well directionally drilled? **No** Was directional survey made? **No** Was copy of directional survey filed? **---** Date filed **---**

Type of electrical or other logs run (check logs filed with the commission) **IES, GR-Sonic, both filed** Date filed **1-9-68**

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)						
Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
Surface	13 3/4"	9 5/8"	32.30	751'	490	None
Production	8 3/4"	7"	23	4462'	150	None

TUBING RECORD

LINER RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
2 3/8" in.	4311 ft.	None ft.	None in.	ft.	ft.		

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Amt. & kind of material used	Depth Interval
3	0.52" jet	4239-4245'	2000 gal Acid, 36000 gal oil & 37,500# sand	4226-4251'
1	0.52" jet	4246-4251'	250 sxs cnt, 40000 gal	4239-4251'

INITIAL PRODUCTION OIL & 20000# sd

Date of first production **7-6-69** Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:) **Pumping 2"x1 1/4"x10'x14' Volume Producer RHBC**

Date of test **7-22-69** Hrs. tested **24** Choke size **None** Oil prod. during test **2.76** bbls. Gas prod. during test **77** MCF Water prod. during test **0.03** bbls. Oil gravity **34.2** API (Corr)

Tubing pressure **None** Casing pressure **None** Cal'ed rate of Production per 24 hrs. **2.76** bbls. Gas **77** MCF Water **0.03** bbls. Gas-oil ratio **27,600/1**

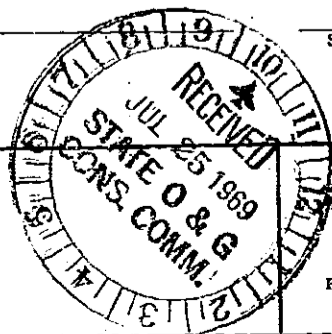
Disposition of gas (state whether vented, used for fuel or sold): **Vented**

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Production Superintendent of the Kerr-McGee Corporation (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

July 24, 1969
Date

Signature *C D Williams*
Signature **C D Williams**

- 2 Ariz
- 1 Tribe
- 1 J Fisher
- 1 RW King
- 2 WRF
- 1 RF



STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Well Completion or Recompletion Report and Well Log

Permit No. **427**

Form No. 4

File One Copy **2**

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
B. Chuska/T. Wingate (Tertiary)	Surface	718'	Sandstone
Chinle (Triassic)	718'	1792'	Red shale with thin stringers sandstone
Coconino (Permian)	1792'	2514'	Massive sandstone with shaly stringers
Cutler (Permian)	2514'	3641'	Shale, sandstone & lime
Hermosa (Penn)	3641'	4222'	Limestone, dense, with red & gray shale and thin stringers sand
Intrusive (Tertiary)	4222'	4401' ⁴⁴¹⁰	Syenite sill
Mississippian	4401'	4465' ^{TD}	Limestone, dense, with some varicolored shale

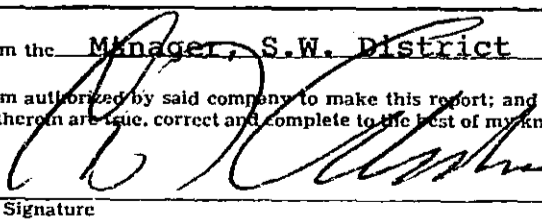
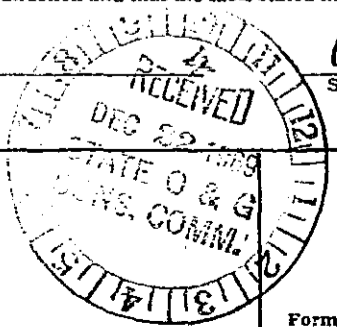
* Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

INSTRUCTIONS:

Attach drillers log or other acceptable log of well.

This Well Completion or Recompletion report and well log shall be filed with the State of Arizona Oil & Gas Conservation Commission not later than thirty days after project completion.

PLUGGING RECORD

Operator Kerr-McGee Corporation		Address P. O. Box 250, Amarillo, Texas 79105			
Federal, State, or Indian Lease Number, or lessor's name if fee lease. 14-20-0603-8824		Well No. F-1	Field & Reservoir Dineh-bi-Keyah Field-lower Hermosa		
Location of Well 550' FSL & 740' FEL		Sec-Twp-Rge or Block & Survey Sec 24, T36N, R29E		County Apache	
Application to drill this well was filed in name of Kerr-McGee Corporation	Has this well ever produced oil or gas Yes	Character of well at completion (initial production): Oil (bbls/day) 2.76 Gas (MCF/day) 77 Dry?			
Date plugged: 12-15-69	Total depth 4465	Amount well producing when plugged: Oil (bbls/day) Trace Gas (MCF/day) 50 Water (bbls/day) 1/2			
Name of each formation containing oil or gas. Indicate which formation open to well-bore at time of plugging	Fluid content of each formation	Depth interval of each formation	Size, kind & depth of plugs used. Indicate zones squeeze cemented, giving amount cement		
Lower Hermosa Intensive	Trace Oil	4222-4401	150 sxs cement w/80 sxs squeezed into formation. Plug @ 3875'		
Coconino	Possible fresh water in area	1792-2514'	125 sxs. Top of plug at 2291'.		
CASING RECORD					
Size pipe	Put in well (ft.)	Pulled out (ft.)	Left in well (ft.)	Give depth and method of parting casing (shot, ripped, etc.)	Packers and shoes
9 5/8"	751	0'	751'	None	Shoe at 751'
7"	4462'	0'	4462'	None	Shoe at 4462'
Was well filled with mud-laden fluid, according to regulations? Yes			Indicate deepest formation containing fresh water. None indicated.		
NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE					
Name	Address		Direction from this well:		
Navajo Tribe	Window Rock, Arizona		Surface		
Humble Oil	Denver, Colorado		South and West		
In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach letter from surface owner authorizing completion of this well as a water well and agreeing to assume full liability for any subsequent plugging which might be required.					
Use reverse side for additional detail.					
CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Manager, S.W. District of the Kerr-McGee Corporation (company) and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.					
Date 12-18-69		Signature 			
Ariz-1 WRF-1					
USGS-2					
Tribe-1					
JIF-1					
RWK-1					
CJB-1		STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Plugging Record File One Copy			
Permit No. 427		Form No. 10			

GAS-OIL RATIO TEST REPORTS

Filed under Oil-Gas Ratio Tests, Dineh-bi-Keyah Field
in cabinet in office of Enforcement Director

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R714.4
Approval expires 12-31-60.

ALLOTTEE Navajo
TRUCK 14-20-0603-8824
LEASE No. Navajo "F" Lease

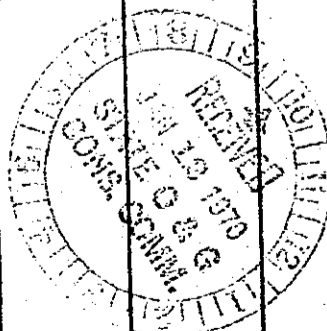
LESSEE'S MONTHLY REPORT OF OPERATIONS

State Arizona County Apache Field Dineh-bi-Keyah
The following is a correct report of operations and production (including drilling and producing wells) for the month of December, 1969,
Agent's address P. O. Box 250 Company Kerr-McGee Corporation
Amarillo, Texas 79105 Signed William Morris
Phone 376-7256 Agent's title District Clerk

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	DAYS Produced	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SE SE 24	36N	29E	1	0	0		0	0	0	*
<p>*Plug and Abandon Well 12/15/69. Lease has expired. This is last report to be filed on this lease.</p>										

DISTRIBUTION

- 2 - USGS
- 2 - Arizona
- 1 - Tribe
- 1 - J. I. Fisher
- 1 - H. A. Coats
- 1 - WRF
- 1 - RF-WM
- 1 - J. Breeden



NOTE.—There were 0 runs or sales of oil; NO M. cu. ft. of gas sold;

NO runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN THIS MANNER*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Kerr-McGee Corporation

3. ADDRESS OF OPERATOR
P. O. Box 250, Amarillo, Texas 79105

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
550' FSL & 740' FEL (SE SE) Sec 24

5. LEASE DESIGNATION AND SERIAL NO.
14-20-0603-8824

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo

7. UNIT AGREEMENT NAME
Navajo "F"

8. FARM OR LEASE NAME
Navajo "F"

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Dineh-bi-Keyah

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 24-T36N-R29E

12. COUNTY OR PARISH; 13. STATE
Apache Arizona

14. PERMIT NO.
State No. 427

15. ELEVATIONS (Show whether DF, RT, OR, etc.)
84

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	(Other)	<input type="checkbox"/>
(Other)	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
MULTIPLE COMPLETION	<input type="checkbox"/>	ABANDONMENT*	<input checked="" type="checkbox"/>
ABANDON*	<input type="checkbox"/>		
CHANGE PLANS	<input type="checkbox"/>		

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

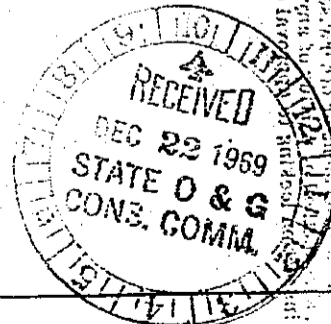
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Plug No. 1--Squeezed perforations w/150 sxs cement. 80 sxs squeezed into formation and 70 sxs left in casing. Top of plug at 3875'.

Plug No. 2--Perforated at 2514' RKB (Base of Coconino Sand) w/4 jets. Set cement retainer at 2424' and squeezed 100 sxs below retainer and spotted 25 sxs on top of retainer. Top of plug at 2291'.

Plug No. 3--25 sxs surface plug from GL to 100'.

No pipe was pulled from well. Installed dry hole marker. Abandonment completed 12-15-69.



18. I hereby certify that the foregoing is true and correct
SIGNED [Signature] TITLE Manager DATE Dec 18, 1969

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

427

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

14-20-0603-8824

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

Navajo "P"

8. FARM OR LEASE NAME

1

10. FIELD AND POOL, OR WILDCAT

Dineh-bi-Keyah

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec 24, T36N, R29E

12. COUNTY OR PARISH 13. STATE

Apache

Arizona

SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT-" for such proposals.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

Kerr-McGee Corporation

3. ADDRESS OF OPERATOR

P. O. Box 250, Amarillo, Texas 79105

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

550' PSL & 740' FRL (SESE) Sec 24

14. PERMIT NO.

State No. 427

15. ELEVATIONS (Show whether DF, RT, CR, etc.)

8485' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

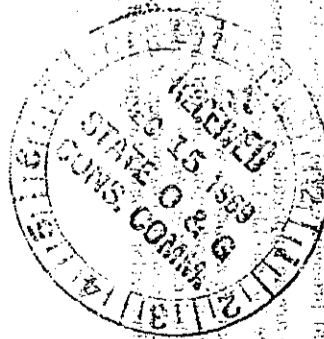
ABANDONMENT*

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Change in plans for plugging of well are due to adverse weather conditions making recovery of 7" casing uneconomical. Also having difficulty getting suitable equipment. New proposal is to squeeze perforations w/150 sxs cement. Perforate 7" casing w/4 holes at base of Coconino Sand (2514') and squeeze w/100 sxs cement. Set 100' plug at top of 7" casing. Bradenhead will be left on well and surface marker installed.

- 3-USGS
- 2-Arizona
- 1-Tribe
- 1-JIF
- 1-RWK
- 1-JB
- 1-WRP



18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Manager

DATE

(This space for Federal or State office use)

APPROVED BY

TITLE Ex Sec

DATE 12-15-69

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

6

427

December 11, 1969

Memo to Kerr-McGee #1 Navajo F
T36N, R29E, G & SRM
Sec. 24: SE/4 SE/4
Apache County
Permit #427

Memo taken per telephone conversation this date. Mr. Bud Williams, Amarillo, Texas, Kerr-McGee, called and advised of a change in plugging of this well. They wanted immediate approval of this new plugging program so they could move in right away while the weather is such that they can get in. Also the Indians want it done right away.

They were going to shoot off the 7" pipe at 3500' but because of the time element will now leave it in the hole. They plan to squeeze the existing perforations (4239-4251'), and go into the Cocomino (base at 2514') and plug with 100 sacks of cement. They plan to set a 100' plug at the top of the casing and install a surface marker. The total depth of this well was 4462'.

Verbal approval was given this date by John Bannister. Mr. Williams said he will submit reports in a short time.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-0603-8824

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

Navajo "E"

8. FARM OR LEASE NAME

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Dineh-bi-Keyah

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 24, T36N, R29E

12. COUNTY OF PARISH 13. STATE

Apache

Arizona

SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Kerr-McGee Corporation

3. ADDRESS OF OPERATOR
P. O. Box 250, Amarillo, Texas 79105

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
550' FSL & 740' FEL (SESE) Sec 24

14. PERMIT NO. State No. 427

15. ELEVATIONS (Show whether DT, MT, OR, etc.)
8485' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Well was temporarily abandoned in July, 1968, due to poor response from stimulation work performed on the well. Pumping Unit was installed during July, 1969, to pump test well. Production was as follows: July - 23 days, 93 BO and 32 BW; August - 31 days, 0.4 BO and 25 BW; September - 30 days, 5 BO and 16BW. Well is uneconomical to operate. Lease expires on October 30, 1969. Plugging requested to allow removal of equipment from lease. Well has 7" casing at 4462' and perforations from 4239' to 4251'.

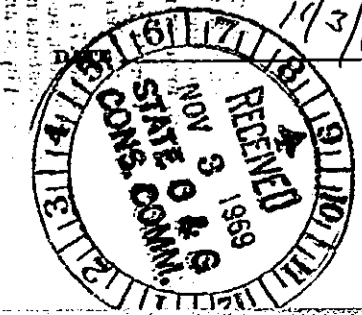
Proposed to squeeze perforation using 150 SXS cement. Shoot off pipe at approximately 3500' and pull same. Set 100' cement plug across pipe stub. Set cement plug across base of Coconino Sand from 2364' to 2614'. Set cement plug across base of surface pipe from 701' to 801'. Set 25' surface plug and install surface marker.

Now perf. completed at 2514'
squeeze w/ 150 SXS

- 3 - USGS
- 2 - Arizona
- 1 - Tribe
- 1 - J. I. Fisher
- 1 - R. W. King
- 1 - J. Breeden
- 1 - ~~USGS~~

SIGNED [Signature] TITLE MANAGER DATE 10/31/69

(This space for Federal or State office use)
APPROVED BY [Signature] TITLE Executive Secretary
CONDITIONS OF APPROVAL, IF ANY:



*See Instructions on Reverse Side

427

X Lambert
X Chman

August 27, 1969

Memo to Kerr-McGee #1 Navajo F
T36N, R29E, G & SRM
Sec. 24: SE/4 SE/4
Apache County
Permit #427

Memo from J. Lambert

Talked to Joe Breeden at 1:30 this date. Having received a GOR report that indicated this well was a gas well and holding in mind that 125 barrels of oil was the only production reported for the month of July, I listened to their explanation. It seems that the production in the tank this month proved to be largely water so they decided to do a GOR test and he assures me that the reported 62.5 MCF was the day's production on the date the well was tested, and that of the fluid produced, only 1% was oil.

Account of low production they are considering plugging and abandoning the well.

94

427

13

POTENTIAL TEST AND REQUEST FOR ALLOWABLE OIL WELLS

DESIGNATE TYPE OF COMPLETION:

New Well Work-over Deepen Plug Back Same Reservoir Different Reservoir

Other Reason For Filing:

Operator
KERR-McGEE CORPORATION

Address
215 Petroleum Center Building, Farmington, New Mexico 87401

DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or Lessor's Name if Fee Lease	Well Name	County
14-20-0603-8824 NAVAJO "F"	1	Apache

Footage Location
550' FSL and 740' FEL (SESE)

Sec. Twp. Rge.
Sec 24, T36N, R29E

Date spudded 11-6-67	Date completed, ready to produce 7-6-69	Total depth 4465'	P.B.T.D. 4400'
Field and reservoir Dineh-bi-Keyah, Lower Hermosa	Top of pay 4222'	Producing interval 4239-4251'	

TEST DATA

Date of first production 7-6-69	Date of test 7-22-69	Length of test 24 hrs.	Producing method (flow pump, gas lift) Pump	Amount of load oil injected if any.
Number of barrels of oil produced from completion or recompletion date to test date 106		If well is produced by pumping, give pump size, length of stroke and strokes per minute. Pumping 2"x1 1/4", 36", 12 SPM, 2 hrs per day		
Tubing pressure None	Casing pressure None	Choke size None		
*Actual production during test: 2.79 bbls	Oil (bbls) 2.76	Water (bbls) 0.03	Gas (MCF) 77	

*Production must actually equal or exceed wells daily allowable or test must be for full 24 hours

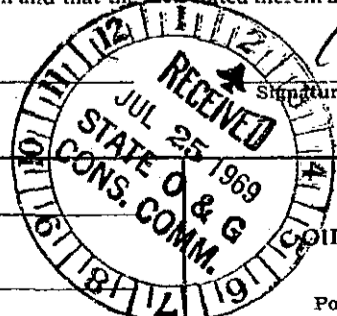
Gas-oil ratio 27,600	MCF/bbl.	Oil gravity 34.2	* A.P.I. corrected	Name of transporter of oil Kerr-McGee Pipeline Corporation
-------------------------	----------	---------------------	--------------------	---

Number of acres attributed to this well 160 (SE 1/4)	Number of producing wells in this reservoir on this lease, including this well One	Single, dual or triple completion? Single	Daily allowable requested (bbls)
---	---	--	----------------------------------

Plat showing acreage attached—plat should show leases, offset wells, distance from this well to the nearest well on the same lease completed in or drilling to the same reservoir, and the boundaries of drilling and producing, or proration, units attributed to this well and other wells on the same lease completed in or drilling to the same reservoir, the number of acres in each unit and the number of acres in the lease.

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Production Superintendent of the KERR-McGEE CORPORATION (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Date July 24, 1969 Signature CD Williams



Witnessed by: _____ Organization _____ Signature _____ Date _____

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Potential Test & Request for Allowable—Oil Wells
File One Copy

Permit No. 427 Form No. 6

1 Ariz 1 Tribe 1 J Fisher
1 RWK 2 WRF 1 RF

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R714.4
Approval expires 12-31-60.

ALLOTTEE _____
TRIBE NAVAJO
LEASE NO. 14-20-0607-8824
NAVAJO "F" LEASE

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Arizona County Apache Field Dinah-bi-Kayah

The following is a correct report of operations and production (including drilling and producing wells) for the month of JUNE, 19 69,

Agent's address 215 Petroleum Center Building Company KERR-MCGEE CORPORATION
Farmington, New Mexico 87401 Signed William Morris

Phone 327-9637 Agent's title Production Clerk

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (in thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (if none, so state)	REMARKS (if drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SESE, 24	36N	29E	1	0	None.	427				Well has been IA since July, 1968. Moved in DD unit and ran tubing to 4291'. Ran 2x1 1/2"x10x1/4" insert pump on sucker rods. Installed National D115B pumping unit with 10 HP electric motor. Electric line has to be completed before well can be pumped.

2 USGS
2 Arls
1 Tribe
1 JIFisher
1 WSP
1 RF, WH
1 RF, CW



NOTE.—There were _____ runs or sales of oil; _____ M. cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved
Budget Bureau No. 42-R3565.

ALLOTTEE _____
TRIBE NAVAJO
LEASE NO. 14-20-0603-3824
NAVAJO "P" LEASE

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Arizona County Apache Field Dineh-bi-Keyah
The following is a correct report of operations and production (including drilling and producing wells) for the month of July, 1968,
Agent's address 215 Petroleum Center Building Company Kerr-McCree Corporation
Farmington, New Mexico 87401 Signed [Signature]
Phone 327-9637 Agent's title C. D. Williams Prod. Supt.

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (in thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SESE, 24	36N	29E	1	0	None.					Well temporarily abandoned <u>thru May 1969</u>

- 427
- 2 USGS, Roswell
 - 2 Aris
 - 1 Tribe
 - 1 JIFisher
 - 1 WRF
 - 1 RF

NOTE.—There were no runs or sales of oil; _____ M. cu. ft. of gas sold;
_____ runs or sales of gasoline during the month. (Write "no" where applicable.)
NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-331
(May 1963)

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

14-20-0603-8824

6. INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo #1

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Dinah-Si-Kayah

11. SEC., T., S., M., OR BLK. AND SURVEY OR AREA

Sec. 24, T36N, R29E

12. COUNTY OR PARISH

Apache

13. STATE

Arizona

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Kerr-McGee Corporation

3. ADDRESS OF OPERATOR
215 Petroleum Center Building, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface

550° PSL and 740° FEL (SESEK), Sec. 24

14. PERMIT NO.
State 427

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
8485' Gr

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) **Temporarily Abandon**

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recombination Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Due to poor response from additional stimulation work performed on the well, permission is requested to temporarily abandon the well while we consider possible additional stimulation work or utilization of the well bore for some other purpose such as deepening to a lower zone.



18. I hereby certify that the foregoing is true and correct.

SIGNED

C. D. Williams

TITLE **Production Superintendent**

DATE **July 2, 1968**

(This space for Federal or State office use)

APPROVED BY

John D. Annister

TITLE **Executive Secretary**

DATE **7-9-68**

CONDITIONS OF APPROVAL, IF ANY:

Arizona Oil & Gas Conservation Commission

- Distributions:
- 2 USGS
- 2 APIS x
- 1 Tribe
- 1 JIFisher
- 1 Wrf
- 1 RF

427

*See Instructions on Reverse Side

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)

Form approved
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
14-20-0603-8824

6. INDIAN, ALLOTTEE OR TRIBE NAME
Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Navajo "F"

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Dinah-bi-Kayah

11. SEC. T. R. M. OR BLK. AND SURVEY OR AREA
Sec 24, T36N, R29E

12. COUNTY OR PARISH
Apache

13. STATE
Arizona

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Kerr-McGee Corporation

3. ADDRESS OF OPERATOR
215 Petroleum Center Building, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
550° FSL and 740° FEL (SESE), Sec. 24

14. PERMIT NO.
State 427

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
8485° GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Squeeze & Reperforate <input checked="" type="checkbox"/>	

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)

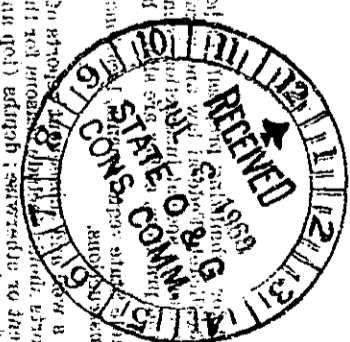
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Sand pack csg to 4239'. Set cement retainer at 4183' and squeeze top group of perforations (4226-38) with 250 axs cement. Maximum squeeze press 3000 psi. Clean out hole to 4309'. Perforated 4239-4245 with 2 jets /ft. Frac with 4,000 gal oil, 20,000# 20-40 sand and 2,000# Mark II admite. Max Press 3000#; avg inj rate 28 bbls /min; avg treating press 1800 psi; ISDP 1500 psi, 30 min 1110. Ran tbg and swab tested well.

6-26-68	236 bbls
6-27-68	105 bbls
6-28-68	52 bbls
6-29-68	25 bbls
6-30-68	27 bbls
7-1-68	8 bbls

453

Shut down swabbing operations.



18. I hereby certify that the foregoing is true and correct

SIGNED C. D. Williams TITLE **Production Superintendent** DATE **July 2, 1968**

APPROVED BY _____ TITLE _____ DATE _____

- Distribution:
- 2 USGS
 - 2 Ariz X
 - 1 Tribe 1 JIFisher
 - 1 WRF
 - 1 RF

427

*See Instructions on Reverse Side

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
14-20-0603-8824

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Navajo #3

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Dinah-bi-Kayah

11. SEC. T., R., M., OR BLM, AND SURVEY OR AREA
Sec. 24, T36N, R29E

12. COUNTY OR PARISH 13. STATE
Apache Arizona

SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Kerr-McGee Corporation

3. ADDRESS OF OPERATOR
215 Petroleum Center Building, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
550' FSL & 740' FSL (BESE) Sec. 24, T36N, R29E

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
8485' GR

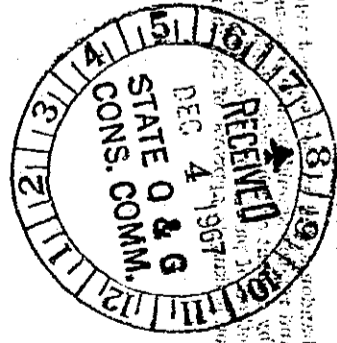
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input checked="" type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Total Depth <input checked="" type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Drilled 8-3/4" hole to 4465'. Set 7" O.D., 23#, J-55, casing at 4462'. Cemented with 150 sacks Class A 50-50 Pozmix cement with 43 gal. Used pump & plug method. Plug down 11-29-67. Tested casing with 1500 psi for 30 minutes. Held OK. Waiting to move out rotary and move in completion unit.



18. I hereby certify that the foregoing is true and correct
SIGNED [Signature] TITLE **Production Superintendent** DATE **Nov 30, 1967**

(This space for Federal or State office use)
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

- 2-0808
- 2-Ariz. OCC
- 1-TFIS
- 1-J.I.P.
- 1-MRF
- 1-RF

427

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

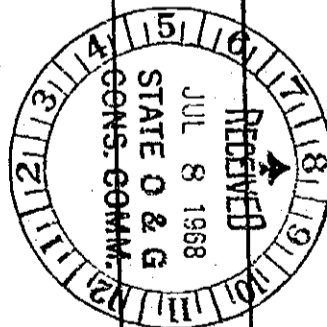
Form approved.
Budget Bureau No. 42-R356.5.

ALLOTTEE NAVAJO
TRIBE NAVAJO
LEASE NO. 14-20-0603-8824
NAVAJO "F" LEASE

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Arizona County Apache Field Dineh-bi-Keyah
The following is a correct report of operations and production (including drilling and producing wells) for the month of JUNE, 1968,
Agent's address 215 Petroleum Center Building Company KERR-MCGEE CORPORATION
Farmington, New Mexico 87401 Signed C D Williams
Phone 327-9637 Agent's title Prod. Supt.

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gas; content of gas)
SESE, 24	36N	29E	1	0						Squeeze perf 4226-38 with 250 sacs cement. Reperforate 4239-4245' with 2 jets 1/2 ft. Fracture with 40,000 gal oil and 20,000# sand. Swab test. Shut in well due to poor performance. Notice of intention to temporarily abandon has been submitted for approval.



- 2 USGS, Roswell
- X2 Aris
- 1 Tribe
- 1 JFisher
- 1 WRF
- 1 RF

NOTE.—There were no runs or sales of oil; no M. cu. ft. of gas sold;
no runs or sales of gasoline during the month. (Write "no" where applicable.)
NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

3 USGS
 +2 Atia
 1 Tribe
 1 JIF
 1 WBD
 1 RF

Form 9-331
 (May 1963)

UNITED STATES DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE
 (Other instructions on reverse side)

Form approved
 Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS
 (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
KERR-MCGEE CORPORATION

3. ADDRESS OF OPERATOR
215 Petroleum Center Building, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
 At surface
550° FSL & 740° FEL (SE3E) Sec. 24

14. PERMIT NO.
State No. 427

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
8485° GR

5. LEASE DESIGNATION AND SERIAL NO.
14-20-0603-8824

6. INDIAN ALLOTTEE OR TRIBE NAME
Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Navajo #7

9. WELL NO.
1

10. FIELD AND POOL OR WILDCAT
Navajo #7

11. SEC. T., R., M., OR BLM. AND SURVEY OR AREA
Sec. 24, T36N, R20E

12. COUNTY OR PARISH
Apache

13. STATE
Arizona

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input checked="" type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	(Other)	<input type="checkbox"/>
(Other)	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		
CHANGE PLANS	<input checked="" type="checkbox"/>		

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Present perforations in the Lower Hermosa Intrusive at 4226°, 28°, 30°, 32°, 34°, 35°, 36°, 37°, 38°, 39°, 40°, 41°, 42°, 43°, 44°, 45°, 46°, 47°, 49° and 51°.

Propose to sand pack casing up to 4239° and squeeze top group of perforations (4226-36) with 250 sxc cement. Then clean out hole to 4300° and re-perforate 4239-45°. Frac with 40,000 gal oil and 20,000# 20-40 sand. Run sand pump and clean out to 4300°. Shut test well.



18. I hereby certify that the foregoing is true and correct

SIGNED C. D. Williams TITLE Production Superintendent DATE June 9, 1968

(This space for Federal or State office use)

APPROVED BY John W. Bannister TITLE Executive Secretary DATE 6/6/68

CONDITIONS OF APPROVAL, IF ANY:

STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION

*See Instructions on Reverse Side

427

77

- 2, USGS-Roswell
- 2, ARIZONA ✓
- 1, Tribe
- 1, JIF
- 1, WRF
- 1, RF

Form approved.
Budget Bureau No. 42-R7144.

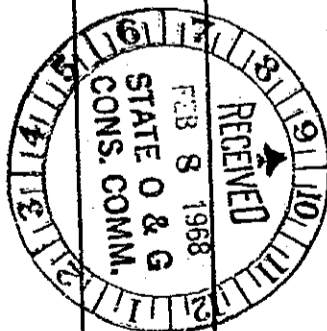
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALLOTTEE NAVAJO
TRIBE
LEASE NO. 14-20-0603-8824
NAVAJO "F" LEASE

LESSEE'S MONTHLY REPORT OF OPERATIONS

State ARIZONA County APACHE Field DINEH-BI-KEYAH
The following is a correct report of operations and production (including drilling and producing wells) for the month of JANUARY, 1968,
Agent's address 215 Petroleum Center Building Company KESK-MEGER CORPORATION
Farmington, N. M. Signed [Signature]
Phone 327-9637 Agent's title Production Supt.

SEC. AND K OF K	TWP.	RANGE	WELL NO.	DATE PRODUCED	BASIS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SESE 24	36N	29E	1	None	427					OPERATIONS SHUT DOWN WHILE REVIEWING POSSIBLE ADDITIONAL STIMULATION WORK. NO ACTIVITY ON THIS LEASE DURING JANUARY, 1968 thru May 19 68



Note.—There were NO runs or sales of oil; NO M. cu. ft. of gas sold;
NO runs or sales of gasoline during the month. (Write "no" where applicable.)
Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be duplicated with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-331
(May 1963)

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

14-20-0603-8824

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NAVAJO

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

NAVAJO "F"

9. WELL NO.

NO. 1

10. FIELD AND POOL, OR WILDCAT

Dineh-bi-Kayah

11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 24, T36N, R29E

12. COUNTY OR PARISH

Apache

13. STATE

Arizona

SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Kerr-McGee Corporation

3. ADDRESS OF OPERATOR
215 Petroleum Center Bldg. - Farmington, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface

550° FBL & 740° FEL (SE 38) Sec. 24

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, ST, GR, etc.)

8485° GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Perf casing with 1 ft (0.52" hole) at 4226', 28', 30', 32', 34', 35', 36', 37', 38', 39', 40', 41', 42', 43', 44', 45', 46', 47', 49', 51'. Acidized perf with 2000 gal mud acid and 20, 7/8" balls. Max. Pressure 1000 psi. Ave. Treating Pressure 600 psi. Ave. Inj. Rate 5.5 BPM. ISD 400 psi. 15 min 200 psi. Swab down tubing. Got slight show of oil. Free with 36,000 gallons oil with 20#/1000 gal Adomite Mark II and 37,500# 10-20 sand. Max. press 2200 psi. Ave. Treating Pressure 2200. Ave. Inj. Rate 71 BPM. ISD 1200 psi. 15 min 1000 psi.

- 2-USGS
- 2-Arizona
- 1-Tribe
- 1-JIP
- 1-WRF
- 1-RF

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Production Supt.

DATE 12-11-67

(This space for Federal or State office use)

APPROVED BY

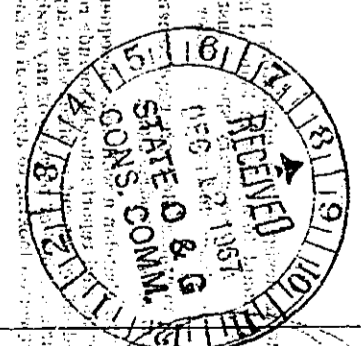
TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

427

*See Instructions on Reverse Side



24

OPERATOR'S CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL OR GAS FROM LEASE		
Federal, State or Indian Lease Number, or lessor's name if fee lease Navajo 14-20-0603-8824	Field Dineh-bi-Keyah Field	Reservoir Lower Hermosa (Intrusive)
Survey or Sec-Twp-Rge Sec. 13 & 24, T36N, R29E	County Apache County	State Arizona
Operator Kerr-McGee Corporation		
ADDRESS ALL CORRESPONDENCE CONCERNING THIS FORM TO:		
Street 215 Petroleum Center Bldg.	City Farmington,	State New Mexico 87401
Above named operator authorizes (name of transporter) Kerr-McGee Pipeline Corporation		
Transporter's street address KerMac Building	City Oklahoma City,	State Oklahoma 73102
Field address P. O. Box 989 Farmington, New Mexico 87401		
Oil, condensate, gas well gas, casinghead gas		
To transport	100 % of the	OIL from said lease.
OTHER GATHERERS TRANSPORTING FROM THIS LEASE ARE AS FOLLOWS:		
Name of gatherer	% transported	Product transported
Indicate whether or not this certificate is for a new lease. If not a new lease, indicate whether or not it is a change of operator, change of lease name, change of gatherer, or a consolidation or subdivision of leases and give effective date of change. New Lease.		

The undersigned certifies that the rules and regulations of the State of Arizona Oil & Gas Conservation Commission have been complied with in drilling and producing operations on this lease, except as noted above, and that the above transporter is authorized to transport the above specified percentage of the allowable oil or gas produced from the above described property, and that this authorization will be valid until further notice or until cancelled by the State of Arizona Oil & Gas Conservation Commission.

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Production Supt. of the Kerr-McGee Corporation (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

November 30, 1967

Date

Signature

Date approved: 12-4-67

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION

By: John V. Bamster

Permit No. 427

cc:

2-AOGCC

1-WRF

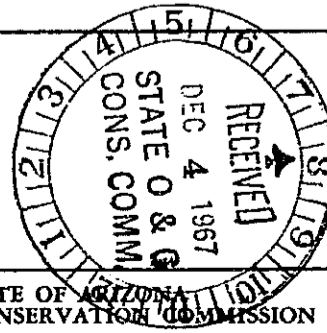
2-BSGS

1-RF

1-Tribe

1-JIF

25



STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Operator's Certificate of Compliance & Authorization to
Transport Oil or Gas from Lease

File Two Copies

Form No. 8

November 30, 1967

Bud Williams telephoned

Re: Kerr-McGee #F-1
Permit 427

Completed. Encountered 38 feet of sill.

Permission granted to run a line from #F-1 SE to #16, where oil will be put into Kerr-McGee gathering system. Operatore will install separator and meter prior to entrance into gathering system.

JB

2-USGS-Roswell
 2-Arizona
 1-Tribe
 1-JIF
 1-WRF
 1-RF

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

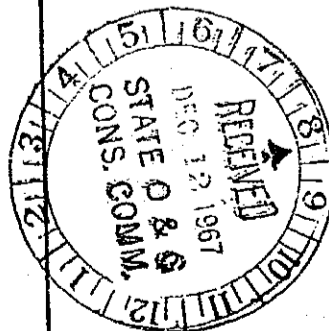
Form approved.
 Budget Bureau No. 42-R714.4

ALLOTTEE NAVAJO
 TRIBE 14-20-0603-8824
 LEASE NO. NAVAJO RPN LEASE

LESSEE'S MONTHLY REPORT OF OPERATIONS

State ARIZONA County APACHE Field DINEH-BI-KEYAH
 The following is a correct report of operations and production (including drilling and producing wells) for the month of NOVEMBER 1967
 Agent's address 215 Petroleum Center Bldg. Farmington, New Mexico Company Key-Holce Corporation
 Signed [Signature] Agent's title Production Supt.
 Phone 327-9637

SEC. AND M. OF M.	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SESE 24	36N	29E	1	None						Spud 11-6-67. Set 9-5/8" casing at 751' w/490 sxs cement. Drilg 8-3/4" hole to 4465' and set 7" casing at 4462' w/150 sxs 50-50 Pozmix w/ 4% gel. Plug down 11-29-67. Will move out rotary and move in DD unit for completion.



Note.—There were NO runs or sales of oil; NO M. cu. ft. of gas sold;
NO runs or sales of gasoline during the month. (Write "no" where applicable.)
 Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

427

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE
(Other instructions on reverse side)

Form approved
Budget Bureau No. 42-R1424.

6. LEASE DESIGNATION AND SERIAL NO.

14-20-0603-8824

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NAVAJO

7. UNIT AGREEMENT NAME

NAVAJO *P*

8. FARM OR LEASE NAME

NO. 1

10. FIELD AND POOL, OR WILDCAT

Dinah-44-Kayah

11. SEC., T., R. OF ALLOTTEE AND SURVEY OR AREA

Sec. 24, T36N, R29E G&SRM

SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Kerr-McGee Corporation

3. ADDRESS OF OPERATOR
215 Petroleum Center Bldg. - Farmington, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
550° F3L & 740° FEL, (SESE) Sec. 24, T36N, R29E G&SRM

14. PERMIT NO.

15. ELEVATIONS (Show whether OF, BT, GR, etc.)
8479° (Ungraded)

12. COUNTY OR PARISH
Apache

13. STATE
Arizona

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input checked="" type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Spud.</u>	<input checked="" type="checkbox"/>
(Other) <input type="checkbox"/>			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Spud at 1:30 PM 11-6-67. Drilled 13-3/4" hole to 749', and set 9-5/8" OD, 12.30#, B-40, 8R, ST&C casing at 751'. Cemented with 490 sacks cement with 4% Bentonite, 2% CaCl and 1/4% floccle per sack. Used pump and plug method. Circulated cement, plug down at 8:55 AM 11-8-67. Released pressure. Floats held OK. WOC 12 hrs. Test casing and BOP to 1200 psi for 30 minutes. Held OK. Drilling 8-3/4" hole below surface casing.

18. I hereby certify that the foregoing is true and correct

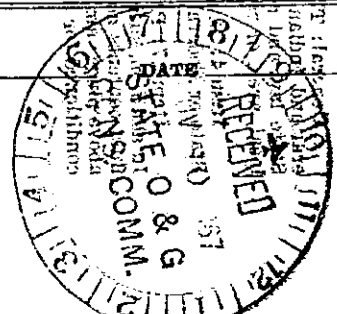
SIGNED Gary Roth -wm TITLE Production Engineer DATE 11-9-67

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

427

*See Instructions on Reverse Side

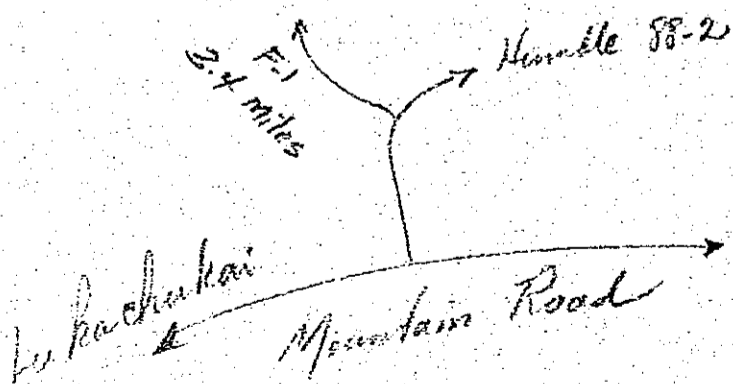


WELL SITE CHECK

Contractor JCM Ref #3 Person(s) Contacted [Signature]
 Spud date _____ Date 11-8-67
 Type Rig _____ Rotary Cable Present Operations NO Cement
 Samples _____
 Pipe _____ Drilling with Air Mud
 Water Zones _____ Size Hole _____
 Lost Circ. Zones _____ Size Drill Pipe _____
 Formation Tops _____ Type Bit _____
 Cores, Logs, DST _____ No. Bit _____ Drilling Rate _____
 _____ Formation _____
 Crews _____ Lithology _____

REMARKS, PHOTO, MAP

Set 9 5/8 at 750 circulated



WELL NAME Kerr McGee #1 Navajo F

Permit No. 427
Confidential: Yes No

APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

APPLICATION TO DRILL

RE-ENTER OLD WELL

Kerr-McGee Corporation
NAME OF COMPANY OR OPERATOR

215 Petroleum Center Bldg. Farmington, New Mexico
Address City State

Unknown at this time.
Drilling Contractor

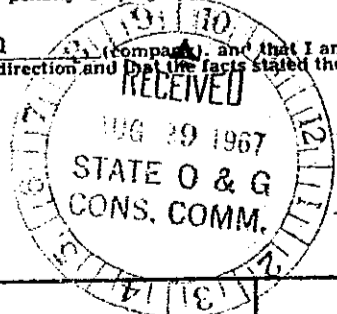
Address

DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if fee lease, name of lessor 14-20-0603-8824 Navajo "F"	Well number 1	Elevation (ground) 8479' ungraded
Nearest distance from proposed location to property or lease line: 550 feet	Distance from proposed location to nearest drilling completed or applied—for well on the same lease: None feet	
Number of acres in lease: 1280	Number of wells on lease, including this well, completed in or drilling to this reservoir: 1	
If lease, purchased with one or more wells drilled, from whom purchased: None.	Name	Address
Well location (give footage from section lines) 550' FSL & 740' FEL	Section—township—range or block and survey Sec. 24-T36N-R29E G&SRM	Dedication (Comply with Rule 105) SE/4 Sec. 24
Field and reservoir (if wildcat, so state) Dineh-bi-Keyah	County Apache	
Distance, in miles, and direction from nearest town or post office 10 miles SW of Red Rock, Arizona.		
Proposed depth: 4900'	Rotary or cable tools Rotary & Cable Tools	Approx. date work will start Sept. 4, 1967
Bond Status: Blanket Bond	Organization Report On file <input checked="" type="checkbox"/> Or attached	Filing Fee of \$25.00 Attached <input checked="" type="checkbox"/>

Remarks:
New Well.
Covered by Commission order No. 21.

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Production Supt. of the Kerr-McGee Corporation (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.



[Signature]
Signature
August 28, 1967
Date

Permit Number: 427
Approval Date: 8-29-67
Approved By: *John Bannister*

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Application to Drill or Re-enter
File Two Copies

Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.

Form No. 3

- Operator shall outline the dedicated acreage for both oil and gas wells on the plat.
- A registered professional engineer or land surveyor registered in the State of Arizona or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
- All distances shown on the plat must be from the outer boundaries of the Section.
- Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES XX NO _____
- If the answer to question four is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES _____ NO _____ If answer is "yes," Type of Consolidation _____
- If the answer to question four is "no," list all the owners and their respective interests below:

Owner _____	Land Description _____				
<table border="1" style="width: 100%; height: 150px; border-collapse: collapse;"> <tr> <td colspan="4" style="text-align: center; vertical-align: middle; font-size: 1.2em;">SEE ATTACHED SURVEY PLAT.</td> </tr> </table>		SEE ATTACHED SURVEY PLAT.			
SEE ATTACHED SURVEY PLAT.					
CERTIFICATION I hereby certify that the information above is true and complete to the best of my knowledge and belief.					
Name _____					
Position _____					
Company _____					
Date _____					
I hereby certify that the well location shown on the plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.					
Date Surveyed _____					
Registered Professional Engineer and/or Land Surveyor _____					
Certificate No. _____					



PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
9-5/8" OD	32.30	H-40 ST&C	0	700	C-700	Sufficient to circ.
7" OD	20.00	J-55 ST&C	0	4140	Sufficient to cover all potential Productive zones. If Intrusive is not present, well will probably be drilled to Granite & 5-1/2" csg. set the productive zones, if any are encountered.	

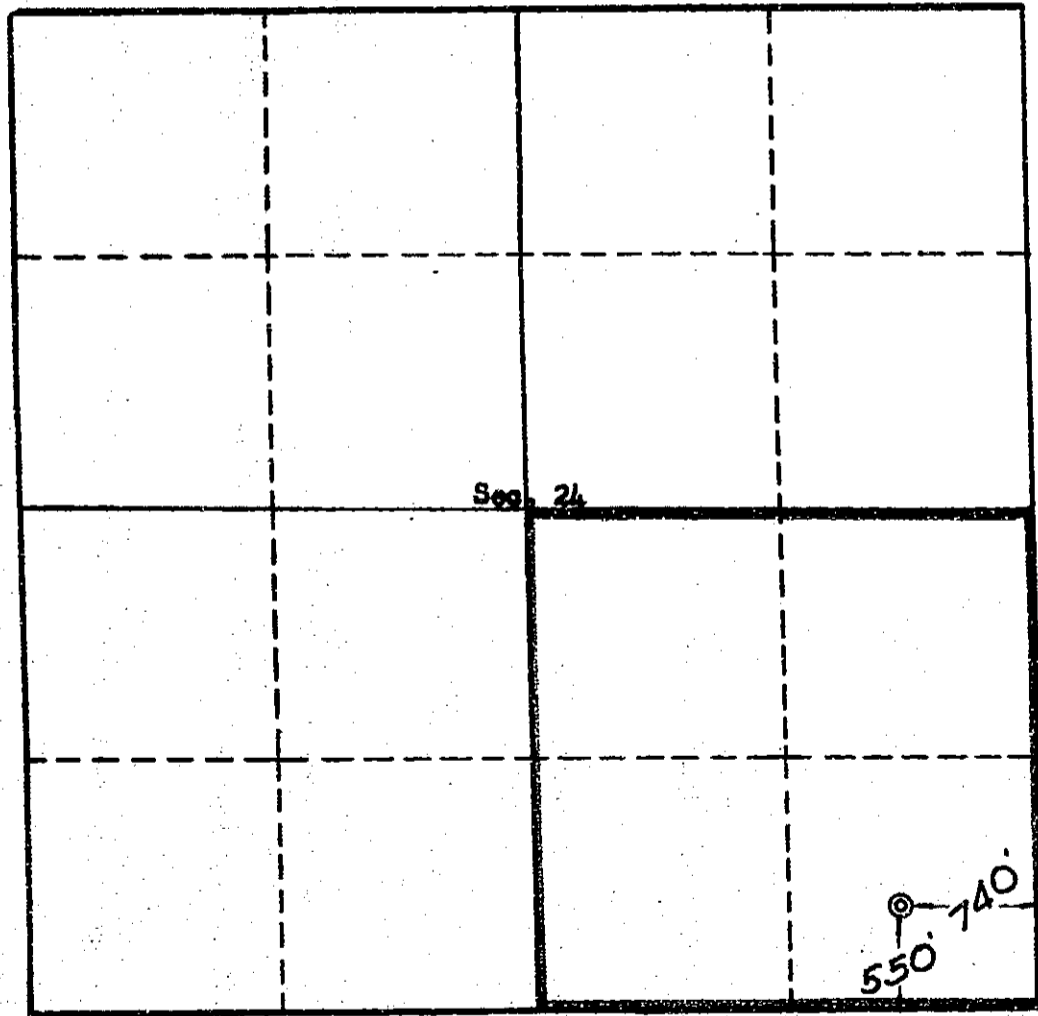
Company Kerr-McGee Corporation

Well Name & No. "F" #1, Navajo

Location 550 feet from the South line and 740 feet from the East line.

Sec. 24, T. 36 N., R. 29 E., G. & S. R. M., County Apache, Arizona

Ground Elevation 8479 ungraded



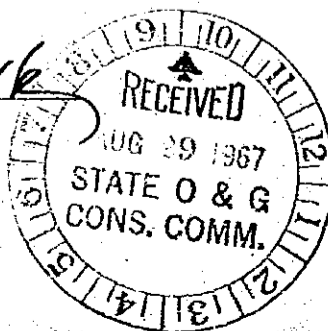
Scale, 1 inch = 1,000 feet

Surveyed August 9, 1967

This is to certify that the above plot was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.



Ernest V. Echohawk
Ernest V. Echohawk
Registered Land Surveyor
Arizona Registration No. 2311



42



PERMIT TO DRILL

This constitutes the permission and authority from the
OIL AND GAS CONSERVATION COMMISSION,
STATE OF ARIZONA,

To: Kerr-McGee Corp.
(OPERATOR)

to drill a well to be known as

Kerr-McGee #1 Navajo "F"
(WELL NAME)

located 550' FSL, 740' FKL (SE/4 SE/4) Sec. 24 - T36N- R29E

Section 24 Township 36N Range 29E, APACHE County, Arizona.

The SE/4 Sec. 24 - T36N - R29E of said
Section, Township and Range is dedicated to this well.

Said well is to be drilled substantially as outlined in the attached Application and must be drilled
in full compliance with all applicable laws, statutes, rules and regulations of the State of Arizona.

Issued this 29th day of August, 19 67.

OIL AND GAS CONSERVATION COMMISSION

By John Bannister
EXECUTIVE SECRETARY

PERMIT N^o 427

RECEIPT NO. 2846
API 02-001-20051

State of Arizona
Oil & Gas Conservation Commission
Permit to Drill

FORM NO. 27



KERR-McGEE CORPORATION

626 AMARILLO PETROLEUM BUILDING
P. O. BOX 250 • AMARILLO, TEXAS 79105

PHONE
806 376-7256

December 11, 1969

Mr. P. T. McGrath
United States Geological Survey
P. O. Box 959
Farmington, New Mexico 87401

Mr. John Bannister
Arizona Oil & Gas Conservation Comm.
1624 West Adams
Room 202
Phoenix, Arizona 85007

Re: Navajo "F" #1
SESE, Sec 24, T36N, R29E
Dineh-bi-Keyah Field
Apache County, Arizona

Gentlemen:


Enclosed is Notice of Intention to change plans of plugging
of the caption well.

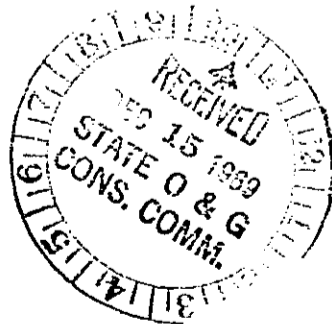
As discussed on the telephone, adverse weather and difficulty
in obtaining suitable equipment has made an attempt to recover
the 7" casing undesirable.

Your approval of this work is requested.

Sincerely yours,

KERR-McGEE CORPORATION


C. D. Williams
Manager, Southwestern District
Production Division



CDW/ss
Encl.



KERR-MCGEE CORPORATION

626 AMARILLO PETROLEUM BUILDING
P. O. BOX 250 • AMARILLO, TEXAS 79105

PHONE
806 376-7256

October 31, 1969

United States Geological Survey
Post Office Box 959
Farmington, New Mexico 87401

Attention: Mr. P. T. McGrath

Arizona Oil and Gas Conservation Commission
1624 West Adams, Room 202
Phoenix, Arizona 85007

Attention: Mr. John Bannister

RE: Navajo "F" No. 1
SESE, Sec. 24, T36N, R29E
Dineh-bi-Keyah Field
Apache County, Arizona

Gentlemen:

Enclosed is notice of intention to abandon captioned well. Efforts to produce this well in paying quantities have been unsuccessful. Your approval of this work is requested.

Sincerely,

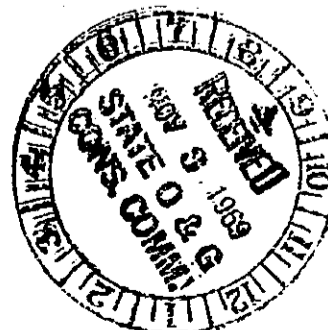
KERR-MCGEE CORPORATION

C. D. Williams
Manager
Southwestern District
Production Division

CDW/mh

Enclosure

cc: Navajo Tribe Mineral Department
Window Rock, Arizona 86515





215 Petroleum Center Building
Farmington, New Mexico 87401

June 5, 1969

United States Geological Survey
Post Office Box 959
Farmington, New Mexico 87401
ATTENTION Mr. P. T. McGrath

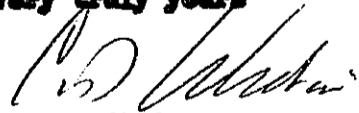
Arizona Oil and Gas Conservation Commission
1624 West Adams
Phoenix, Arizona 85007
ATTENTION Mr. John Bannister

In re Navajo "F" No. 1
SESE, Sec 24, T36N, R29W
Dinch-bi-Kayah Field
Apache County, Arizona

Gentlemen

Enclosed please find Notice of Intention to Reenter captioned well
and place it on production. Your approval of this work is requested.

Very truly yours


C. D. Williams
Production Superintendent

CDW/ln

Enclosures

CC: Navajo Tribe Minerals Department
ATTENTION Mr. P. K. Haribut

*App'd copy of USGS for
mailed 6/6/69*



427

Operator KERR MC GEE ~~OIL~~ ^{Corporation} ~~INDUSTRIES INC~~
 Bond Company Insurance Co. of N. America Amount 25,000
 Bond No. M 41 95 25 (KMS28) Date Approved 10-28-65

Permits covered by this bond:

<u>10</u>	<u>386</u>	<u>417</u>
<u>36</u>	<u>389</u>	<u>418</u>
<u>37</u>	<u>390</u>	<u>419</u>
<u>38</u>	<u>391</u>	<u>420</u>
<u>39</u>	<u>392</u>	<u>422</u>
<u>57</u>	<u>396</u>	<u>426</u>
<u>63</u>	<u>397</u>	<u>427</u>
<u>64</u>	<u>398</u>	<u>441</u>
<u>142</u>	<u>399</u>	<u>445</u>
<u>238</u>	<u>402</u>	<u>446</u> → see this file
<u>303</u>	<u>403</u>	
<u>90</u>	<u>404</u>	
<u>91</u>	<u>405</u>	
<u>349</u>	<u>406</u>	
<u>303</u>	<u>407</u>	
<u>377</u>	<u>408</u>	
<u>378</u>	<u>409</u>	
<u>379</u>	<u>410</u>	
<u>380</u>	<u>411</u>	
<u>381</u>	<u>413</u>	
<u>384</u>	<u>414</u>	
<u>385</u>	<u>416</u>	

CANCELLED

DATE 10-24-68

superseded by
 American Casualty Co. Bond
 \$25,000
 #5471020-52

 **KERR-MCGEE CORPORATION**
KERR-MCGEE BUILDING • OKLAHOMA CITY, OKLAHOMA 73102
215 Petroleum Center Building
Farmington, New Mexico 87401

October 3, 1968

Arizona Oil and Gas Conservation Commission
1624 West Adams, Room 202
Phoenix, Arizona 85007

Attention Mr. Jim Scurlock

In re Navajo "F" Well No. 1
Sec. 24, T36N, R29E
Apache County, Arizona
Permit No. 427

Dear Jim

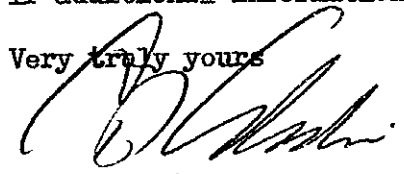
Enclosed please find one copy of the Induction-Electric Log and the
Sonic-Gamma Ray Log for Navajo "F" No. 1 well.

The top, bottom and description of formations penetrated in the well are:

B. Chuska/T. Wingate (Tertiary) - Surface to 718', sandstone
Chinle (Triassic) - 718-1792', red shale w/thin stringers sandstone
Coconino (Permian) - 1792-2514', massive sandstone w/shaly stringers
Cutler (Permian) - 2514-3641', shale, sandstone & limestone
Hermosa (Penn) - 3641-4222', limestone, dense, w/red & gray shale
and thin stringers sand
Intrusive (Tertiary) - 4222-4401', syenite sill
Mississippian - 4401-4465' TD, limestone, dense w/ some vari-
colored shale

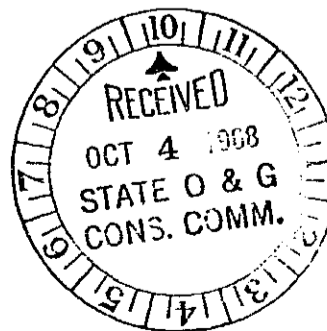
If additional information is needed, please advise.

Very truly yours


C. D. Williams
Production Superintendent

In
Enclosures

74
Copy to P. W. Peirce
10/4/68
427



September 30, 1968

Mr. C. D. Williams
Kerr-McGee Corporation
215 Petroleum Center Building
Farmington, New Mexico 87401

Re: Kerr-McGee #1 Navajo F
T36N, R29E, G & SRM
Sec. 24: SE/4 SE/4
Apache County, Arizona
Permit #427

Dear Bud:

Would you please send us the logs on the F#1 along with the
formation tops if you have them picked.

Thanks and best regards.

*Rec'd 10/4/68
IE & BH-GR*

Jim

P. S. Better come to see us this fall while we're having
this beautiful weather and bring your golf clubs.

JS:jf



KERR-MCGEE CORPORATION

KERR-MCGEE BUILDING • OKLAHOMA CITY, OKLAHOMA 73102

215 Petroleum Center Building
Farmington, New Mexico 87401

June 5, 1968

United States Geological Survey
Post Office Box 959
Farmington, New Mexico 87401

Attention Mr. P. T. McGrath

Arizona Oil and Gas Conservation Commission
1624 West Adams, Room 202
Phoenix, Arizona 85007

Attention Mr. John Bannister

In re Navajo "F" No. 1
SESE, Sec. 24, T36N, R29E
Dinah-Bi-Keyah Field
Apache County, Arizona

Gentlemen:

Enclosed is notice of intention to squeeze, reperforate and fracture
treat the Lower Hermosa Intrusives in the above captioned well.

Response from the initial frac treatment of the zone was poor and
the proposed work is a further attempt to establish production.

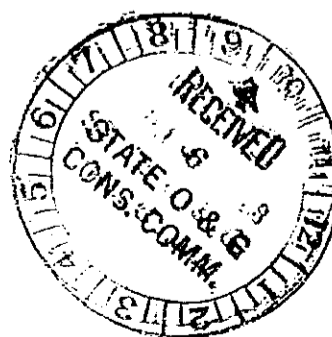
Your approval of this work is requested.

Very truly yours

C. D. Williams
Production Superintendent

In

CC: Navajo Tribe Mineral Department
Farmington, New Mexico



427

 **KERR-McGEE CORPORATION**
KERR-McGEE BUILDING • OKLAHOMA CITY, OKLAHOMA 73102
215 Petroleum Center Building
Farmington, New Mexico 87401

March 11, 1968

Arizona Oil & Gas Conservation Commission
Room 202, 1624 West Adams
Phoenix, Arizona 85007

Attention Mr. John Bannister, Executive Secretary

In re Kerr-McGee No 1, Navajo F
SESE, Sec 24, T36N, R29E
Apache County, Arizona
Permit No 427

Gentlemen

As you are aware, Commission Rule No. 202.B requires that when drilling operations have been suspended for sixty days, the well is to be plugged and abandoned unless permission for temporary abandonment is obtained from the Commission.

Due to adverse weather conditions and the poor response from the frac job, operations will be suspended at Navajo F No. 1 in excess of sixty days. It is respectfully requested that the Commission not require F-1 to be plugged and abandoned at the end of sixty days and that permission be given for Kerr-McGee to maintain the well in a suspended operations or temporary abandoned status until weather conditions improve and our study and review of possible additional stimulation work is completed.

Very truly yours,


C. D. Williams

OK JB 3-11-68

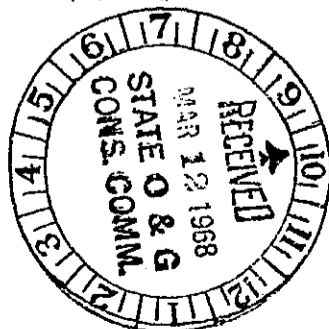
1m
VIA AIR MAIL

CC: Mr. J. I. Fisher

APPROVED

By 

Date 3-11-68




**OPERATOR'S CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL OR GAS FROM LEASE**

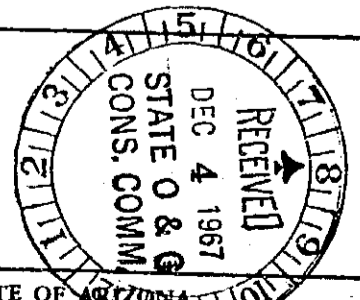
Federal, State or Indian Lease Number. or lessor's name, if fee lease Navajo "F" 14-20-0603-8824	Field Dineh-bi-Keyah Field	Reservoir Lower Hermosa (Intrusive)
Survey or Sec-Twp-Rge Sec. 13 & 24, T36N, R29E	County Apache County	State Arizona
Operator Kerr-McGee Corporation		
ADDRESS ALL CORRESPONDENCE CONCERNING THIS FORM TO:		
Street 215 Petroleum Center Bldg.	City Farmington,	State New Mexico 87401
Above named operator authorizes (name of transporter) Kerr-McGee Pipeline Corporation		
Transporter's street address KerMac Building	City Oklahoma City,	State Oklahoma 73102
Field address P. O. Box 989 Farmington, New Mexico 87401		
Oil, condensate, gas well gas, casinghead gas		
To transport	100	% of the OIL from said lease.
OTHER GATHERERS TRANSPORTING FROM THIS LEASE ARE AS FOLLOWS:		
Name of gatherer	% transported	Product transported
Indicate whether or not this certificate is for a new lease. If not a new lease, indicate whether or not it is a change of operator, change of lease name, change of gatherer, or a consolidation or subdivision of leases and give effective date of change. New Lease.		

The undersigned certifies that the rules and regulations of the State of Arizona Oil & Gas Conservation Commission have been complied with in drilling and producing operations on this lease, except as noted above, and that the above transporter is authorized to transport the above specified percentage of the allowable oil or gas produced from the above described property, and that this authorization will be valid until further notice or until cancelled by the State of Arizona Oil & Gas Conservation Commission.

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Production Supt. of the Kerr-McGee Corporation (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Date November 30, 1967
Signature 

Date approved: 12-4-67
STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
By: John W. Hammett
Permit No. 427
cc: 2-AOGCC 1-WRF
2-UGS 1-RF
1-Tribe
1-JIF



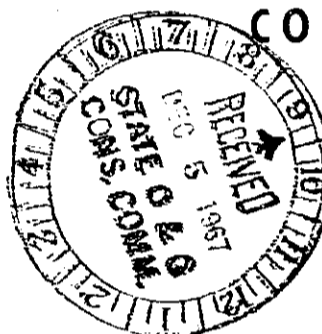
STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Operator's Certificate of Compliance & Authorization to Transport Oil or Gas from Lease
File Two Copies
Form No. 8



KERR-MCGEE CORPORATION

KERR-MCGEE BUILDING • OKLAHOMA CITY, OKLAHOMA 73102
215 Petroleum Center Building
Farmington, New Mexico 87401

December 4, 1967



COPY

United States Geological Survey
Post Office Drawer 1857
Roswell, New Mexico 88201

Attention: Mr. John Anderson

State of Arizona
Oil & Gas Conservation Commission
Room 202 - 1624 West Adams
Phoenix, Arizona 85007

Attention: Mr. John Hannister

Re: Off Lease Oil Measurement
Navajo "F" Lease
Dinah-bi-Kayah Field
Apache County, Arizona

Gentlemen:

In anticipation of oil production from the Navajo "F" Lease, which is Navajo Lease Contract No. 14-20-0603-8824, comprised of Sections 13 and 24, T36N, R29E, Navajo Reservation, Apache County, Arizona, Kerr-McGee requests permission to measure and store the oil from this lease at an off lease location. This request is due to the topography of the area and the inaccessibility of the "F" Lease during winter operations. Navajo "F" No. 1, which is currently in the process of completion, is located at an elevation of 8485'. It is proposed the production from the "F" Lease be separated and metered at a site near the Navajo No. 16 location, where the elevation is approximately 7500'. The Navajo No. 16 is connected by a system of roadways to the major portion of Kerr-McGee's operations in the Dinah-bi-Kayah Field, which is the Navajo Lease.

Enclosed please find a map showing the location of the Navajo "F" No. 1 well and the Navajo No. 16 well and the proposed connecting flowline. As you will note from the topographical contours a steep cliff is present between the two wells. Also enclosed please find a schematic diagram of the proposed separator-metering hookup. The meter to be used is a Floco Model F 500-2 positive displacement meter. A 500 barrel tank will be set near the separator and meter to test and calibrate the meter. After passing through the separator and Floco meter, the oil will combine with the oil coming from the Navajo No. 16 well and pass through

427

United States Geological Survey
State of Arizona Oil & Gas Conservation Commission
Page Two
December 4, 1967

the present gathering line from No. 16 to the 6" pipeline of Kerr-McGee Pipeline Corporation, located in the E/2 of Section 30 near the No. 10 location indicated on the enclosed map.

The working interest and royalty of the two leases are identical. Granting of this request would minimize the possibility of "F" No. 1 well shut-down due to the inaccessibility of the location during adverse weather conditions.

It would be appreciated if you would approve this letter and return one copy to the undersigned at the above address.

Very truly yours,

KERR-MCGEE CORPORATION

C. D. Williams

C. D. Williams
Production Superintendent

CEW:la

Enclosures

CC: ~~Mr. J. W. ...~~ CONSERVATION COMMISSION
STATE OF ARIZONA Department

1624 WEST ADAMS - SUITE 202
TELEPHONE: 271-5161
ARIZONA 85007

APPROVED:

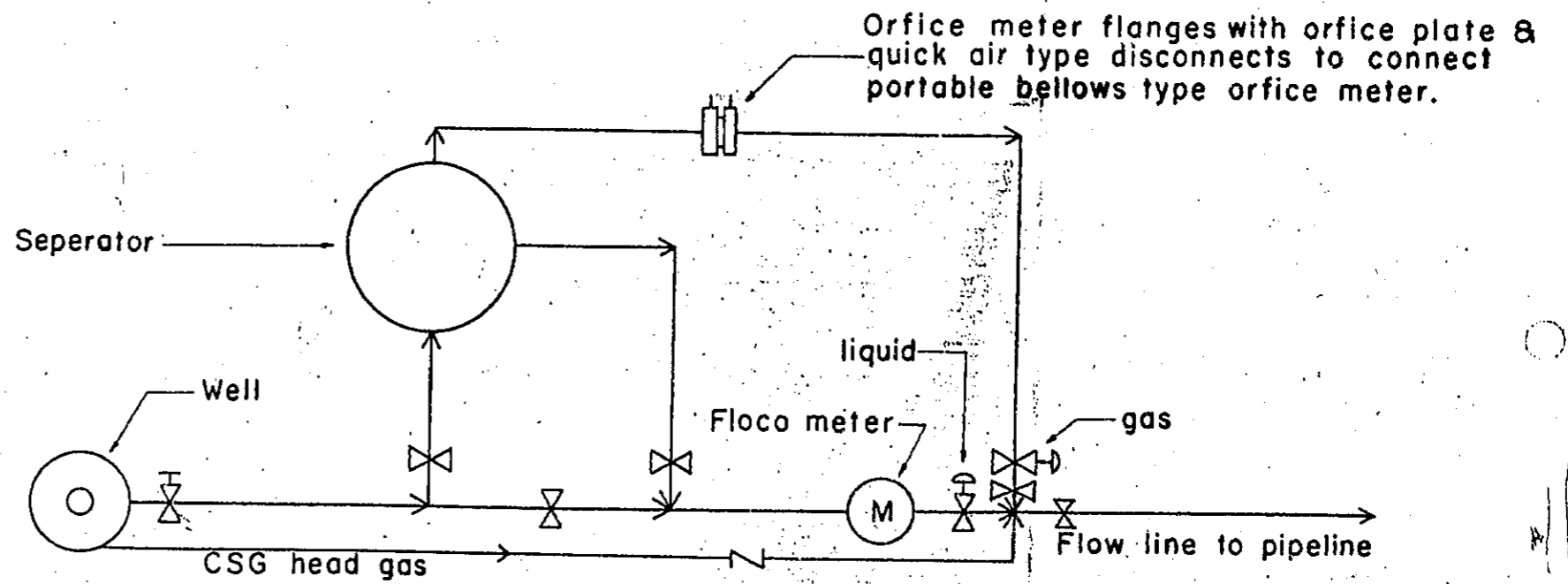
BY:

DATE:

John W. ...

12-5-67

427



- ⌵ — High pressure shut down switch - max. 125 lbs.
- ⌵ — Back pressure valve
- ⌵ — Valve
- ∑ — Check valve

All pipe valves & fittings - 125 PSI quality

DINEH-bi-KEYAH FIELD
 WELL PRODUCTION FACILITIES
 SKEMATIC - by E.L.C. & W.E.R.

2/27

December 1, 1967

Kerr-McGee Corporation
215 Petroleum Plaza Bldg.
Farmington, New Mexico 87401

Attention: Mr. C.D. Williams

Re: Kerr-McGee #1-F Navajo
SE SE 24-36N-29E Apache County, Arizona
Permit 427

Gentlemen:


A review of our file reflects we have received only spud and surface casing data. It will of course be necessary that you file all the required information as well as completion report and authorization to transport request to bring this file into compliance with our rules and regulations.

For your convenience in noting the required reporting, we are enclosing a marked copy of "Forms--when to file".

Your cooperation is most appreciated.

Very truly yours,

John Bannister
Executive Secretary
mr
enc

 **KERR-MCGEE CORPORATION**
KERR-MCGEE BUILDING • OKLAHOMA CITY, OKLAHOMA 73102
215 Petroleum Center Building
Farmington, New Mexico
November 9, 1967

COPY

United States Geological Survey
Oil and Gas Division
P. O. Box 959
Farmington, New Mexico

Attn: Mr. P. T. McGrath

RE: Navajo "F" No. 1
Dineh-bi-Keyah Field
Apache Co., Arizona

Gentlemen:

Enclosed please find U.S.G.S. Form 9-331, for our Navajo "F"
No. 1 well, located in Sec. 24, T36N, R29E, Dineh-bi-Keyah Field,
in Apache County, Arizona.

Please keep all information on this well confidential. If
any further information is required, please advise.

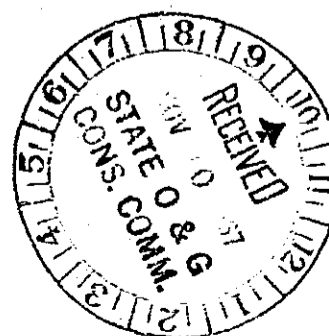
Sincerely yours,
KERR-MCGEE CORPORATION

Gary Roth - wmm
Gary Roth
Prod. Engineer


hs

Enclosures

cc: Arizona ✓
Tribe
J.I.F.
WRF
RF



427

 **KERR-MCGEE CORPORATION**
KERR-MCGEE BUILDING • OKLAHOMA CITY, OKLAHOMA 73102
215 Petroleum Center Building
Farmington, New Mexico
August 28, 1967

State of Arizona
O&G Conservation Commission
Room 202 - 1624 W. Adams
Phoenix, Arizona 85007

Attn: Mr. John Bannister

RE: Arizona O&G Commission
Application For Permit
To Drill - Form #3
Navajo "F" No. 1
Apache County, Arizona

Gentlemen:

Attached please find Arizona Oil & Gas Conservation Commission Form No. 3 for our Navajo "F" Well No. 1. This well is located in Sec. 24, T36N, R29E, Apache County, Arizona. Also enclosed are two copies of the Surveyor's plat for the location of the well. A draft for \$25.00 to cover the filing fee is included.

Your approval of this application is requested.

Very truly yours,
KERR-MCGEE CORPORATION



C. D. Williams
Production Supt.

CDW/hs

Enclosures

cc: Tribe
J.I.F.
R.W.K.
Draft Copy
WRF "F" #1
RF

Ins Co of N. Am M4-95-21-KM578
\$ 25.00

427

