

Release Date *10/1/74*

~~CONFIDENTIAL~~

P-W

Kerr-McGee 1 Navajo-C
SE SW 33-36N-30E Apache County, 397

ARIZONA SECONDARY RECOVERY PROGRAM PROPOSED

The Arizona Oil and Gas Conservation Commission will hold a hearing September 19 to consider an application by Kerr-McGee Corp for a secondary recovery program using injection of salt water into the Hermosa formation in Dineh Bi Keyah field, Apache County. The location for the project is in 29 through 33-36n-30e, 5 and 6-35n-30e, and 25 and 36-36n-29e. The field has produced more than 13.7 million bbls of oil, 1.8 billion cu ft of gas and 2.4 million bbls of water. The hearing begins at 10:00 am at the Oil and Gas Conservation Commission office, 8686 North Central Avenue, Suite 106, Phoenix.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

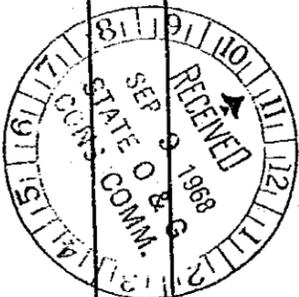
ALLOTTEE Navajo
TRIBE 14-20-0603-8822
LEASE NO. Navajo "C" Lease

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 August, 19 68,
Agent's address 215 Petroleum Center Building Company Kerr-McGee Corporation
Farmington, New Mexico 87401 Signed [Signature]
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 gasoline content of gas)
SESW 33	36N	30E	1		None.		Location 397			
SWNW 33	36N	30E	2		None		Shut in gas well 422			
NO ACTIVITY ON THIS LEASE DURING AUGUST, 1968										

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



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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

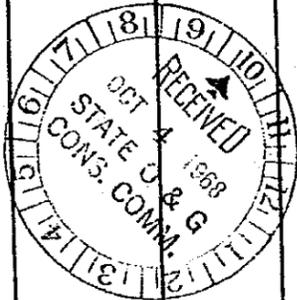
ALLOTTEE _____
TRIBE Navajo
LEASE NO. 14-20-0603-8822
Navajo "C" Lease

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Arizona County Apache Field Dineh-ah-Kayah
The following is a correct report of operations and production (including drilling and producing wells) for the month of September, 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.	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)
SESW, 33	36N	30E	1		None.	Location				
SWNW, 33	36N	30E	2		None.	Shut in gas well				
NO ACTIVITY ON THIS LEASE DURING SEPTEMBER, 1968										

2 USGS, Roswell
2 Aris
1 Tribe
1 JIFisher
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.)

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

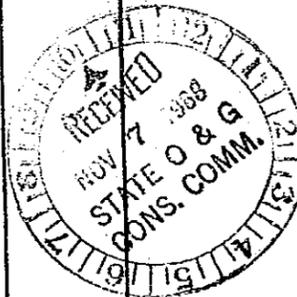
ALLOTTEE _____
TRIBE Navajo
LEASE NO. 14-20-0603-8822
HAVAJO "C" LEASE

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 October, 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.	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)
SESW, 33	36N	30E	1		None.		Location			
SESW, 33	36N	30E	2		None.		Shut in gas well			
NO ACTIVITY ON THIS LEASE DURING OCTOBER, 1968										

4
2 USGS, Roswell
2 Arls
1 Tribe
1 J Fisher
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.

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DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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Budget Bureau No. 42-R356.5.

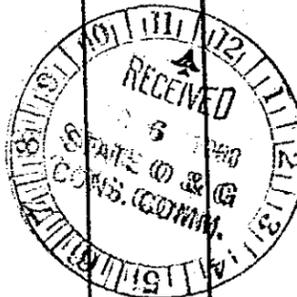
ALLOTTEE
TRIBE Navajo
LEASE NO. 14-20-0603-8822
NAVAJO "C" LEASE

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Arizona County Apache Field Dinah-bi-Keyah
The following is a correct report of operations and production (including drilling and producing wells) for the month of November, 1968,
Agent's address 215 Petroleum Center Building Company Kerr-McGee Corporation
Farmington, New Mexico 87401 Signed [Signature]
Phone 327-9637 Agent's title Production Superintendent

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)
SESW, 33	36N	30E	1		None.		Location			
SESW, 33	36N	30E	2		None.		SI gas well			
NO ACTIVITY ON THIS LEASE DURING NOVEMBER, 1968										

2 USGS, Roswell
2 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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R355.5.

ALLOTTEE NAVAJO
TRIBE NAVAJO
LEASE NO. 14-20-0603-8822
NAVAJO "C" LEASE

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Arizona County Apache Field Dineh-bi-Kayah
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 AMR-NOBLE 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.	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)
SESW, 33	36N	30E	1		None	Location				
SWM, 33	36N	30E	2		None	Shut in gas well				
NO ACTIVITY ON THIS LEASE DURING JULY, 1968										

2 USGS, Roswell
1/2 Ariz
1 Tribe
1 JIFisher
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.

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Budget Bureau No. 42-R356.5.

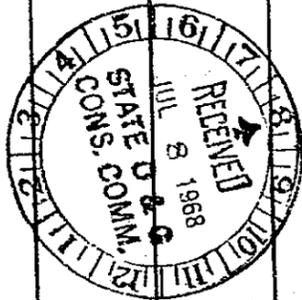
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALLOTTEE Navajo
TRIBE 14-20-0603-8822
LEASE NO. Navajo "C" 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 Fred Supt
Phone 327-9637 Agent's title

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCE	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)
SESW, 33	36N	30E	1	397	None	Location				
SWNW, 33	36N	30E	2	422	None	Shut in gas well				
No activity on this lease during June, 1968										



2 USGS, Roswell
x 2 Aris
1 Tribe
1 JIFisher
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.

2 USGS, Roswell
 x 2 Ariz
 1 Tribe
 1 JIF
 1 WRF
 1 RF

Form approved.
 Budget Bureau No. 42-R3565.

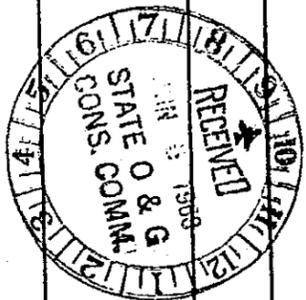
UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

ALLOTTEE _____
 TRIBE Navajo
 LEASE NO. 14-20-0603-8822
 NAVAJO "C" LEASE

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Arizona County San Juan Field Manah-Ei-Koyah
 The following is a correct report of operations and production (including drilling and producing wells) for the month of May, 1968,
 Agent's address 215 Petroleum Center Building Company Kerr-McCree Corporation
Farmington, New Mexico 87401 Signed C. D. Williams
 Phone 326-9637 Agent's title Production Superintendent

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)
SESW, 33	36N	30E	1		None	Location				
SWNW, 33	36N	30E	2		None	Shut in gas well				
NO ACTIVITY ON THIS LEASE DURING MAY, 1968										



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.

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

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

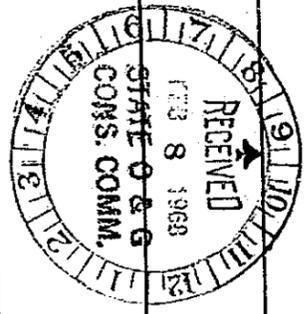
UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

ALLOTTEE HAVAJO
 TRIBE 14-20-0603-8822
 LEASE No. HAVAJO "C" 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 KERR-HOGUE CORPORATION
Farrington, New Mexico Signed _____
 Phone 327-9637 Agent's title Production 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)
SESW 33	36N	30E	(1)	None	397					LOCATION.
SESW 33	36N	30E	2	None						SHUT-IN GAS WELL.
NO ACTIVITY ON THIS LEASE DURING										
JANUARY, 1968										



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.

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

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

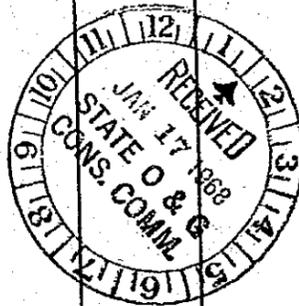
Form approved.
 Budget Bureau No. 42-B714.4

ALLOTTEE NAVAJO
 TRIBE 14-20-0603-8822
 LEASE No. NAVAJO "C" 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, 19 67,
 Agent's address 215 Petroleum Center Bldg. Company Karr-McGee Corporation
Farmington, New Mexico 87401 Signed [Signature]
 Phone 327-9637 Agent's title Production Supt.

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)
SESW 33	36N	30E	1	None						LOCATION.
SESW 33	36N	30E	2	None						SHUT-IN GAS WELL.
NO ACTIVITY ON THIS LEASE DURING DECEMBER 1967.										



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.)

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2-USGS-Roswell
 2-Arizona
 1-Tribe
 1-JIF
 1-Inv. File
 1-RF

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

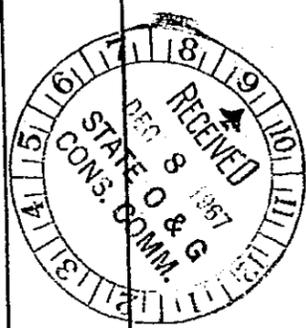
Form approved.
 Budget Bureau No. 42-R714.4

ALLOTTEE NAVAJO
 TRIBE 14-30-0603-8822
 LEASE NO. NAVAJO MCF 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 87401 Company Kerr-McGee Corporation
 Phone 327-9537 Signed [Signature] Agent's title Production Supt.

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)
SESW 33	36N	30E	1	None						LOCATION.
SESW 33	36N	30E	2	None						SHUT-IN GAS WELL.
NO ACTIVITY ON THIS LEASE DURING NOVEMBER 1967.										



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.)
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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
Kerr-McGee Corporation

3. ADDRESS OF OPERATOR
P.O. Box K, Sunny, Texas

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface **350' FSL and 1650' FWL of Sec 33, T36N, R30E, Apache County, Arizona**
 At proposed prod. zone
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
15 miles SW of Red Rock, Arizona

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. **350' from lease line**
 (Also to nearest drig. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. **None**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
8338' QR

5. LEASE DESIGNATION AND SERIAL NO.
14-20-0603-8822

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Navajo

9. WELL NO.
C-1

10. FIELD AND POOL, OR WILDCAT
Dinah bi Kayah

11. SEC., T., R., OR BLK. AND SURVEY OR AREA
Sec. 33, T36N, R30E

12. COUNTY OR PARISH
Apache

13. STATE
Arizona

16. NO. OF ACRES IN LEASE
2.560

17. NO. OF ACRES ASSIGNED TO THIS WELL
80

20. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START*
April 23, 1967

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/4"	9 5/8"	52.3	700'	Sufficient to circulate cement
8 3/4"	7"	20	4000'	Sufficient to cover all potential productive zones.

- Blowout preventors: 700' to 4000'
1. Kill choke manifold
 2. 10" Series 600 GRC or equivalent with pipe ram
 3. 10" Series 600 GRC or equivalent with blind flange.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED E. C. Ashp TITLE Engineer DATE 4-17-67

(This space for Federal or State office use)

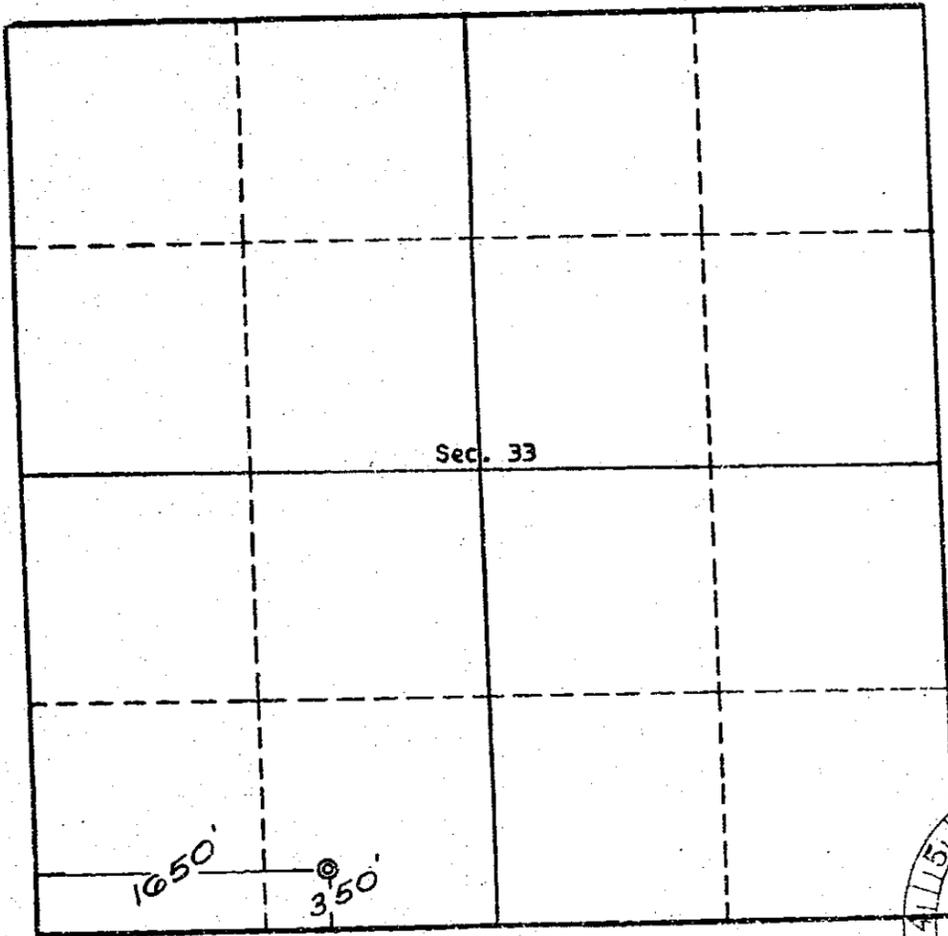
PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

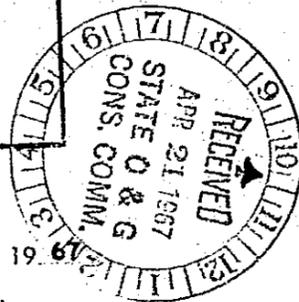
*See Instructions On Reverse Side

Company KERR-MCGEE OIL INDUSTRIES, INC.
 Well Name & No. C #1 Navajo
 Location 350 feet from the South line and 1650 feet from the West line.
 Sec. 33, T. 36 N., R. 30 E., G. & S. R. M., County Apache, Arizona
 Ground Elevation 8338 ungraded

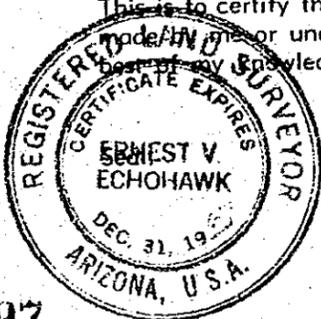


Scale, 1 inch = 1,000 feet.

Surveyed April 14, 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

- 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 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 Kerr-McGee Corporation	Land Description Section 33, T36N, R30E, Apache County
<p style="text-align: center;">CERTIFICATION</p> <p>I hereby certify that the information above is true and complete to the best of my knowledge and belief.</p> <p style="text-align: right;"><i>E.C. Reish, jr.</i></p> <p>Name E.C. Reish, jr.</p> <p>Position Engineer</p> <p>Company Kerr-McGee Corporation</p> <p>Date April 17, 1967</p>	
<p>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.</p>	
<p>Date Surveyed _____</p> <p>Registered Professional Engineer and/or Land Surveyor _____</p> <p>Certificate No. _____</p>	

PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
9-5/8"	32.3#	H-40	0	700'	0-400'	Sufficient to circulate cement
7"	20#	J-55	0	4000'	Sufficient to cover all potential productive zones.	



PERMIT TO DRILL

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

To: KERR-McGEE CORPORATION
(OPERATOR)

to drill a well to be known as

Kerr-McGee #C-1 Navajo
(WELL NAME)

located 6. 350' FSL and 1,650' FWL (SE/4SW/4)

Section 33 Township 36N Range 30E, Apache County, Arizona.

The E/2 SW/4 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 24 day of April, 19 67.

OIL AND GAS CONSERVATION COMMISSION

By John Rammeter
EXECUTIVE SECRETARY

PRIOR TO BEING ALLOWED TO PRODUCE THIS WELL
YOU MUST BE IN FULL COMPLIANCE WITH RULE
105, SECTION 4 THIRD 21 (S.P.C.G.), WITH RESPECT
TO THE PRODUCT TO BE PRODUCED.

PERMIT N^o 397

RECEIPT NO. 9490

State of Arizona
Oil & Gas Conservation Commission
Permit to Drill

FORM NO. 27

API 02-001-20021

Operator KERR MC GEE ~~OIL INDUSTRIES INC~~ Corporation
 Bond Company Insurance Co. of N. America Amount 25,000
 Bond No. M 41 95 25 (KM528) Date Approved 10-28-65

Permits covered by this bond:

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

CANCELLED

DATE 10-24-68

→ see this file

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

October 23, 1967

Kerr-McGee Corporation
215 Petroleum Center Building
Farmington, New Mexico 87401

Attention: Mr. C.D. Williams, Production Superintendent

Re: Kerr-McGee #C-1 Navajo
SE SW 33-36N-30E Apache County, Arizona
Permit 397

Kerr-McGee #12 Navajo
SE NE 29-36N-30E Apache County, Arizona
Permit 399

Gentlemen:

In reply to your letter of October 9, 1967 concerning captioned permits, these permits are extended to expire January 24, 1968.

Very truly yours,

John Bannister
Executive Secretary
mj



KERR-MCGEE CORPORATION

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

October 9, 1967

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

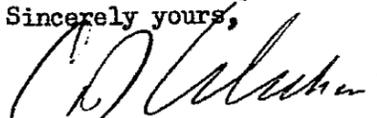
Attention: Mr. John Bannister,
Executive Secretary

Re: Navajo "C" No. 1
Permit No. 397
Navajo No. 12
Permit No. 399
Dineh-bi-Keyah Field
Apache County, Arizona

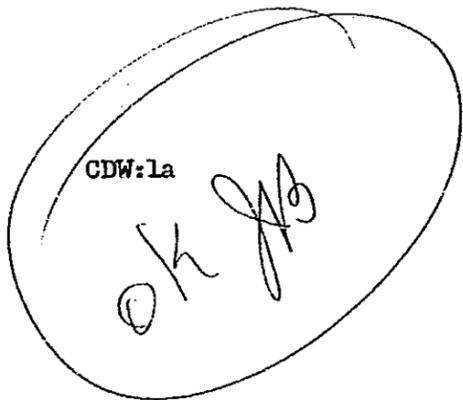
Dear Mr. Bannister:

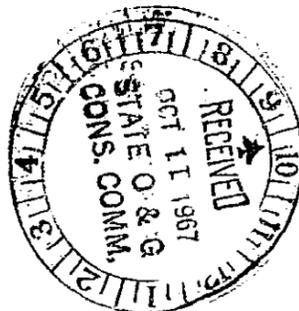
Drilling Permit No. 397 for the Navajo "C" Well No. 1 is scheduled to expire October 24, 1967. Permit No. 399 for the Navajo No. 12 is also scheduled to expire October 24, 1967. It would be appreciated if the permits for drilling these two wells could be extended for an additional 90 days.

Sincerely yours,


C. D. Williams
Production Superintendent

CDW:la





June 20, 1967

Kerr-McGee Corporation
215 Petroleum Center Building
Farmington, New Mexico 84701

Attention: Mr. C.D. Williams, Production Superintendent

Gentlemen:

In reply to your letter of June 8, 1967 the following permits have been extended for an additional 90 days, to expire as shown:

#4 Navajo, Permit 384
to expire September 9, 1967

#8 Navajo, Permit 391
to expire September 30, 1967

#C-1 Navajo, Permit 397
to expire October 24, 1967

#12 Navajo, Permit 399
to expire October 24, 1967

If this office may be of further assistance to you, please contact us.

Very truly yours,

John Bannister
Executive Secretary
nr

KERR-MCGEE CORPORATION
 KERR-MCGEE BUILDING • OKLAHOMA CITY, OKLAHOMA 73102
 215 Petroleum Center Building
 Farmington, New Mexico
 June 8, 1967

*Give
for your info*

State of Arizona
 CCC Conservation Commission
 Room 202 - 1624 W. Adams
 Phoenix, Arizona

Attn: Mr. John Bannister, Exec. Secretary

RE: Dineh-bi-Koyah Field
 Apache County, Arizona

Dear John:

In a telephone conversation with your office today, we were made aware of the fact that the permit to drill for certain wells in the Dineh-bi-Koyah Field would expire in the near future since drilling operations would not commence within the allowed period of 90 days, after date of approval. These wells are:

WELL	PERMIT NO.	DATE OF APPROVAL
Navajo #1	384	3-9-67
Navajo #8	391	3-30-67
Navajo #12	392	4-24-67
Navajo "C" #1	397	4-24-67

This letter is to confirm my verbal request that the permit time for these four wells be extended an additional 90 days. Due to the changing geological interpretation with the drilling of each well, it is desirable to postpone the drilling of these wells at this time. These locations will probably be drilled at a later date and we would like to keep the permits active. Your consideration of this request will be appreciated.

Confirming my telephone conversation with Mr. Jim Scurlock, Kerr-McGee authorizes the Commission to release certain well information that has been requested held confidential. The Commission may release, if desired, (1) the total depth, perforations, and initial potential for the Navajo #3, #7, and #9 wells, (2) for





Mr. John Bannister
June 8, 1967
Page 2

Navajo "A" #1 release perforations only and the fact that we are still testing, (2) for Navajo "B" #2, the total depth, drill stem test results, perforations in the Paradox completion zone (3000'-3007', 3008'-35') and that the well flowed 98 MCF on 1/8" plate with 300 psi on test during completion.

Your assistance and cooperation in these matters is very much appreciated.

Sincerely yours,
KERR-MCGEE CORPORATION

C. D. Williams
C. D. Williams
Prod. Supt.

cc: J. I. Fisher
File
RF

*Many
correct records*

 **KERR-McGEE CORPORATION**
KERR-McGEE BUILDING - OKLAHOMA CITY, OKLAHOMA 73102
215 Petroleum Center Building
Farmington, New Mexico
June 5, 1967

State Of Arizona
Oil & Gas Conservation Comm.
Room 202 - 1524 W. Adams St.
Phoenix, Arizona

Attn: Mr. John Lannister, Executive Secr.

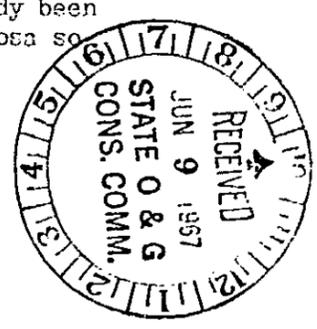
RE: 160 Acre Units
Lower Hermosa Formation
Dineh-bi-Keyah Field
Apache County, Arizona

Gentlemen:

As provided by Commission Order No. 21, oil wells in the Lower Hermosa formation shall be on spacing units comprising a full governmental quarter section. Certain wells have already been permitted by Kerr-McGee Corporation with a dedicated area of only 80 acres. The quarter section allotted to each of the wells presently permitted is as follows:

WELL	PERMIT NO.	QUARTER SECTION
Navajo #1	377	SW/4 Sec. 32 - 36N - 30E
Navajo #2	379	NW/4 Sec. 32 - 36N - 30E
Navajo #3X	386	SE/4 Sec. 32 - 36N - 30E
Navajo #4	384	NE/4 Sec. 32 - 36N - 30E
Navajo #5	392	SE/4 Sec. 31 - 36N - 30E
Navajo #6	390	NE/4 Sec. 31 - 36N - 30E
Navajo #7	389	SW/4 Sec. 29 - 36N - 30E
Navajo #8	391	SE/4 Sec. 29 - 36N - 30E
Navajo #9	396	SE/4 Sec. 30 - 36N - 30E
Navajo #12	399	NE/4 Sec. 29 - 36N - 30E
Navajo "E" #1	381	NW/4 Sec. 5 - 35N - 30E
Navajo "C" #1	397	SW/4 Sec. 33 - 36N - 30E
Navajo "F" #1	398	SE/4 Sec. 20 - 36N - 30E

Two wells, Navajo "E" #1 and Navajo "E" #2 have already been drilled and did not obtain oil production in the Lower Hermosa so





Attn: Mr. J. Bannister

Page 2

June 5, 1967

these wells were not included. Also, Navajo #3 was not included since it was replaced by Navajo #3X.

If additional information is needed, please advise.

Sincerely yours,
KERR-MCGEE CORPORATION

A handwritten signature in cursive script, appearing to read "C. D. Williams".

C. D. Williams
Prod. Supt.

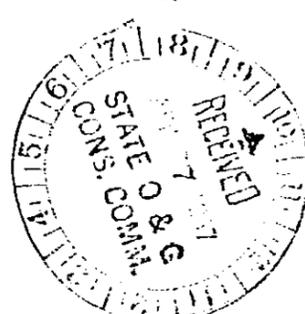
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Copy sent
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POST OFFICE BOX 10700, DALLAS, TEXAS 75210

April 25, 1967



State of Arizona
Oil and Gas Conservation Commission
Room 202, 1624 West Adams
Phoenix, Arizona 85007
Attention Mr. John Bannister

Gentlemen :

It is our request that all information on producing, drilling, and permitted wells operated by Kerr McGee Corporation in Dinah di Layeh field in Apache County Arizona be kept confidential.

The producing wells are Kerr-McGee Navajo wells No. 1, 2, 3X and 7. Well no. 7 has been put on pump but has not been potentialled because mechanical and transportation difficulties. Wells started but not completed are Kerr-McGee Navajo No. 9, Navajo No. B-1 and No. B-2.

Wells that have been permitted but drilling operations have not actually started are our Navajo wells No. 4, 5, 6, 8 and 12, and Navajo B-1 and C-1. Most of the road and location work has been completed on these locations.

Yours very truly,
Kerr-McGee Corporation

John C. Barton

Division Supt. Oil & Gas Production
Surrey, Texas.

397



April 17, 1967

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

Attention: Mr. John Bannister

Gentlemen:

Enclosed are two copies of the Arizona Oil and Gas Conservation Commission Form No. 3, Application for Permit to Drill, and one copy of U.S.G.S. Form No. 9-331C, Application for Permit to Drill, for the Kerr-McGee Corporation Navajo No. C-1, located 350' FSL and 1650' FWL of Section 33, T36N, R30E, Apache County, Arizona and the Navajo No. E-1, located 740' FSL and 660' FEL of Section 20, T36N, R30E, Apache County, Arizona. Also enclosed is a draft of \$ 50.00 for the filing fee for the two wells. Two copies of the surveyed location plat for each well will be sent to you as soon as we receive them from our surveyor.

Please keep all information concerning these wells confidential.

Yours very truly,

A handwritten signature in cursive script that reads 'E. C. Reish, jr.'.

E. C. Reish, jr.
Kerr-McGee Corporation

EGR:bb

Enclosures:

