

Release Date

CONFIDENTIAL

P-W

Kerr-McGee #1 Navajo H  
NE NE 14-35N-30E Apache County 420

sl

COUNTY Apache AREA Dineh bi Keyah LEASE NO. Nav. 14-20-0603-8890

WELL NAME Kerr-McGee #1 Navajo-H

LOCATION NE NE SEC 14 TWP 35N RANGE 30E FOOTAGE 360 FNL 560 FEL

ELEV 9031 GR 9044 KB SPUD DATE 8-27-67 STATUS            TOTAL DEPTH 5345  
COMP. DATE 9-28-67

CONTRACTOR Pico Drilling Co., Farmington, New Mexico

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH	DRILLED BY ROTARY	<u>x</u>
<u>9 5/8</u>	<u>1460'</u>	<u>1250 SK</u>	<u>NA</u>	DRILLED BY CABLE TOOL	<u>          </u>
				PRODUCTIVE RESERVOIR	<u>Wildcat</u>
				INITIAL PRODUCTION	<u>D&amp;A</u>

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
Chuska	Surface	<u>x</u>	<u>x</u>	
Triassic	1367'			
Chinle	1407'			
Permian	2216'			
Cutler	2978'			
Hermosa	4084'			
Mississippian	4750'			
Devonian	4918'			
McCracken	5085'			
Aneth	5202'			
Cambrian	5281'			
Pre-Cambrian	5326'			

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG <u>Am Strat</u>
<u>IE, Comp. Formation Density</u>			SAMPLE DESCRP. <u>x</u>
			SAMPLE NO. <u>1434 *</u>
			CORE ANALYSIS <u>          </u>
			DSTs <u>          </u>
			<u>Tucson 2088*</u>
REMARKS <u>          </u>			APP. TO PLUG <u>x</u>
			PLUGGING REP. <u>x</u>
			COMP. REPORT <u>x</u>

WATER WELL ACCEPTED BY           

BOND CO. Firemen's Insurance Co. BOND NO. BND 188 98-10-528  
 BOND AMT. \$ 25,000 CANCELLED 10-24-68 DATE             
 FILING RECEIPT 9516 LOC. PLAT x WELL BOOK x ORGANIZATION REPORT 7-14-60  
 API NO. 02-001-20050 DATE ISSUED 8-23-67 DEDICATION All  
 PLAT BOOK x

PERMIT NUMBER 426

**CONFIDENTIAL**

Release Date 3-21-65

(over)

## 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 <b>KERR-MCGEE CORPORATION</b>		Address <b>215 Petroleum Center Bldg.-Farmington, New Mexico</b>			
Federal, State or Indian Lease Number or name of lessor if fee lease <b>14-20-0603-8890 NAVAJO</b>		Well Number <b>H-#1</b>	Field & Reservoir <b>Wildcat</b>		
Location <b>360' FNL &amp; 560' FEL</b>		County <b>Apache</b>			
Sec. TWP-Range or Block & Survey <b>Section 14, T35N, R30E</b>					
Date spudded <b>8-27-67</b>	Date total depth reached <b>9-23-67</b>	Date completed, ready to produce <b>N/A</b>	Elevation (DF, RKB, RT or Gr.) <b>9031' GR</b>	Elevation of casing hd. flange <b>9031' feet</b>	
Total depth <b>5345'</b>	P.B.T.D. <b>0</b>	Single, dual or triple completion? <b>- -</b>		If this is a dual or triple completion, furnish separate report for each completion. <b>- -</b>	
Producing interval (s) for this completion <b>None.</b>		Rotary tools used (Interval) <b>All</b>		Cable tools used (Interval) <b>None</b>	
Was this well directionally drilled? <b>NO</b>	Was directional survey made? <b>NO</b>	Was copy of directional survey filed? <b>NO</b>		Date filed <b>NO</b>	
Type of electrical or other logs run (check logs filed with the commission) <b>Induction- Electric Log and Formation Density Log</b>				Date filed	

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" OD	32.30#	1460'	1250 sacks	None

TUBING RECORD

LINER RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
None in.	- ft.	- 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
None	-	-	-	-

INITIAL PRODUCTION

Date of first production <b>NONE</b>		Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump):				
Date of test	Hrs. tested	Choke size	Oil prod. during test	Gas prod. during test	Water prod. during test	Oil gravity
- - -	-	-	- bbls.	- MCF	- bbls.	- ° API (Corr)
Tubing pressure	Casing pressure	Cal'ed rate of Production per 24 hrs.	Oil	Gas	Water	Gas-oil ratio
-	-	-	- bbls.	- MCF	- bbls.	-

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

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.

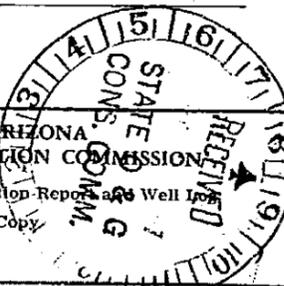
**10-6-67**  
Date

*[Signature]*  
Signature

CONFIDENTIAL

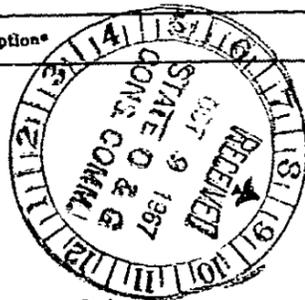
Permit No. **426**

STATE OF ARIZONA  
OIL & GAS CONSERVATION COMMISSION  
Well Completion or Recompletion Report  
Form No. 4  
File One Copy



**DETAIL OF FORMATIONS PENETRATED** ★

Formation	Top	Bottom	Description*
CHUSKA (TERTIARY)	Surface	1367'	White sandstone.
WINGATE (TRIASSIC)	1367'	1407'	Red sandstone.
CHINLE (TRIASSIC)	1407'	2216'	Red shale w/thin stringers sandstone.
COCONINO (PERMIAN)	2216'	2978'	Massive sandstone with shally stringers in lower 250'.
CUTLER (PERMIAN)	2978'	4084'	Red shale, sandstone & limestone.
HERMOSA (PENN)	4084'	4750'	Limestone, dense w/red & grey shale & thin stringers sand.
MISSISSIPPIAN	4750'	4918'	Limestone, dense w/some varicolored shale at top.
DEVONIAN	4918'	5085'	Dolomite and green waxy shale.
MCCRACKEN (DEVONIAN)	5085'	5202'	Sandstone w/few streaks red shale.
ANETH (DEVONIAN- CAMBRIAN)	5202'	5281'	Dolomite and shale w/stringers quartzite and conglomerate at base.
CAMBRIAN	5281'	5326'	Sandstone, quartzite, and siliceous shale.
PRE-CAMBRIAN	5326'	Tot.Depth	Quartzite and granite.



\* 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.

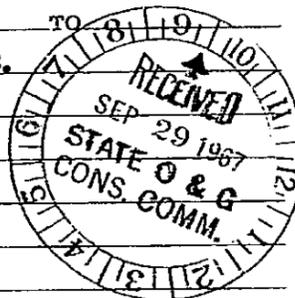
This Well Completion or Recompletion report and well log shall be filed with the State of Arizona Oil & Gas Conservation Commission not later than thirty days after project completion.

APPLICATION TO ABANDON AND PLUG

FIELD WILDCAT  
OPERATOR KERR-MCGEE CORPORATION ADDRESS 215 Petroleum Center Bldg.-Farmington, NM  
Federal, State, or Indian Lease Number or Lessor's Name if Fee Lease NAVAJO "H" (14-20-0603-8890) WELL NO. 1  
SURVEY G&SRM SECTION 14, T35N, R30E COUNTY Apache  
LOCATION 360' FNL & 560' FEL of Sec. 14.

TYPE OF WELL Dry Hole (Oil, Gas or Dry Hole) TOTAL DEPTH 5345'  
ALLOWABLE (If Assigned) NONE  
LAST PRODUCTION TEST OIL NONE (Bbls.) WATER \_\_\_\_\_ (Bbls.)  
GAS NONE (MCF) DATE OF TEST \_\_\_\_\_

PRODUCING HORIZON NONE PRODUCING FROM \_\_\_\_\_ TO \_\_\_\_\_  
1. COMPLETE CASING RECORD 9-5/8" O.D., 32.30#, H-40, ST&C at 1460' RKB.



2. FULL DETAILS OF PROPOSED PLAN OF WORK The following cement plugs will be set:  
Plug No. 1 4700'-T.D. 250 sxs / Plug No. 4 1411'-1511' 50 sxs  
Plug No. 2 4034'-4134' 50 sxs / Plug No. 5 Surface 10 sxs  
Plug No. 3 2166'-2266' 50 sxs /  
Hole between plugs will be filled with drilling mud. A dry hole marker will be placed in top of the 9-5/8" casing, and the casing stub capped.

If well is to be abandoned, does proposed work conform with requirements of Rule 202? Yes If not, outline proposed procedure above.

DATE COMMENCING OPERATIONS 9-28-67  
NAME OF PERSON DOING WORK Halliburton ADDRESS Farmington, New Mexico  
CORRESPONDENCE SHOULD BE SENT TO C. D. Williams  
Name Production Supt.  
Title  
Address 215 Petroleum Center Bldg. - Farmington, New Mexico  
Date 9/28/67

Date Approved 9-29-67  
STATE OF ARIZONA  
OIL & GAS CONSERVATION COMMISSION  
By: John Gannister

STATE OF ARIZONA  
OIL & GAS CONSERVATION COMMISSION  
Application to Abandon and Plug  
File Two Copies  
Form No. 9

Permit No. 426

OK

17

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.

14-20-0603-8890

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 14, T35N, R30E

12. COUNTY OR PARISH

Apache

13. STATE

Arizona

14. PERMIT NO.

State No. 426

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

903' 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) Final Cleanup

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.)

RESERVE PIT HAS BEEN FILLED AND DRILL SITE CLEANED UP. LOCATION IS  
READY FOR INSPECTION.

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

SIGNED

TITLE Production Superintendent

DATE June 19, 1968

(This space for Federal or State office use)

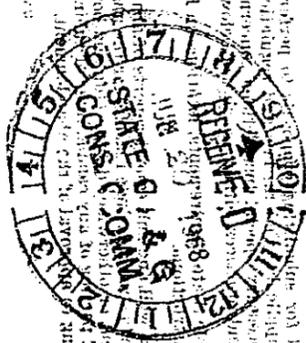
APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

Distrb  
USGS 2  
Aria 2 X  
Tribe 1  
JIF 1  
WRF 1  
RF 1

\*See Instructions on Reverse Side



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

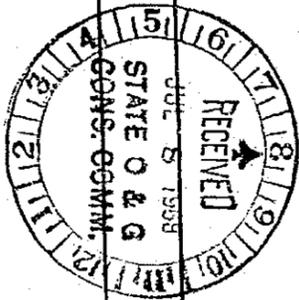
ALLOTTEE Navajo  
TRIBE 14-20-0603-8890  
LEASE NO. Navajo "H" Lease

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Arizona County Apache Field Wildcat  
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 Kery-McGas 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)
NEME, 14	35N	30E	1		None.					Reserve pit has been filled and drill site cleaned up, location is ready for inspection of final clean up.  Monthly reports shall be discontinued on this lease until additional activity develops.

#426



- 2 USGS, Roswell
- X2 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  
 2-Arizona  
 1-Tribe  
 1-JIF  
 1-Is. File  
 1-RF

Form approved  
 Budget Bureau No. 42-R714.4

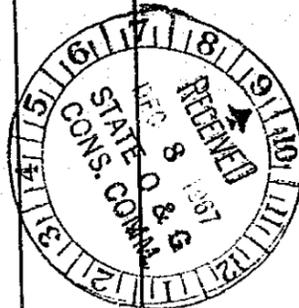
UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY

ALLOTTEE  
 TRIBE NAVAJO  
 LEASE NO. 14-20-0603-8890  
 NAVAJO "H" LEASE

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State ARIZONA County APACHE Field WILLCAT  
 The following is a correct report of operations and production (including drilling and producing wells) for the month of NOVEMBER, 19 67,  
 Agent's address 215 Petroleum Center Bldg. Company Kerr-McGee Corporation  
Farmington, New Mexico 87401 Signed [Signature]  
 Phone 327-9637 Agent's title Production Supt.

SEC. AND H OF H	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)
NENE 14	35N	30E	1	None						WELL PLUGGED AND ABANDONED. NO ACTIVITY ON THIS LEASE DURING NOVEMBER 1967. <i>thru May 1968</i>



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

SUBMIT IN TRIPLICATE\*  
(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 <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DRY HOLE		5. LEASE DESIGNATION AND SERIAL NO. <b>14-20-0603-8890</b>
2. NAME OF OPERATOR <b>KERR-MOORE CORPORATION</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>NAVAJO</b>
3. ADDRESS OF OPERATOR <b>215 PETROLEUM CENTER BLDG. - FARMINGTON, NEW MEXICO</b>		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface <b>360° PBL &amp; 560° PBL of Section 14, T35N, R30E</b>		8. FARM OR LEASE NAME <b>NAVAJO "B"</b>
14. PERMIT NO. <b>State No. 426</b>		9. WELL NO. <b>NO. 1</b>
15. ELEVATIONS (Show whether DF, NY, GR, etc.) <b>9031° GR</b>		10. FIELD AND POOL, OR WILDCAT <b>WILDCAT</b>
		11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec/14, T35N, R30E</b>
		12. COUNTY OR PARISH <b>Apache</b>
		13. STATE <b>Arizona</b>

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 type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" 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.)\*

Set the following cement plugs by balanced plug method using drill pipe:

Plug No. 1	4700'-5345' (TD)	250 size
Plug No. 2	4034'-4134'	50 size
Plug No. 3	2166'-2266'	50 size
Plug No. 4	1411'-1511'	50 size

Drilling mud is in the hole between the plugs. A 10 size plug was placed at the surface and a 4-1/2" O.D. x 4' high dry hole marker was placed on top of the 9-5/8" casing and a steel cap welded between the casing and the marker. Work was complete on 9-28-67. Casing left in the well is 9-5/8" O.D., 32.30#, E-40, ST&C Casing (surface) set at 1460' and cemented back to surface. No casing was pulled. Notice will be given when pit has been filled and location is ready for inspection. This work will be done as soon as the pit dries.

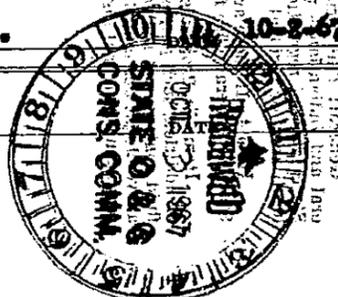
18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Production Supt. DATE 10-2-67

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:



\*See Instructions on Reverse Side

426

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.

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <b>DRY HOLE.</b>		5. LEASE DESIGNATION AND SERIAL NO. <b>14-20-0603-8920</b>																				
2. NAME OF OPERATOR <b>KERR-MCGEE CORPORATION</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>NAVAJO</b>																				
3. ADDRESS OF OPERATOR <b>215 PETROLEUM CENTER BLDG. - FARMINGTON, NEW MEXICO</b>		7. UNIT AGREEMENT NAME																				
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface <b>360° FTL &amp; 360° FTL, Sec. 14, T35N, R30E</b>		8. FARM OR LEASE NAME <b>NAVAJO "B"</b>																				
14. PERMIT NO. <b>State No. 426</b>	15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>9031' GR</b>	9. WELL NO. <b>NO. 1</b>																				
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		10. FIELD AND POOL, OR WILDCAT <b>WILDCAT</b>																				
<table border="0"> <tr> <td colspan="2">NOTICE OF INTENTION TO:</td> <td colspan="2">SUBSEQUENT REPORT OF:</td> </tr> <tr> <td>TEST WATER SHUT-OFF <input type="checkbox"/></td> <td>FULL OR ALTER CASING <input type="checkbox"/></td> <td>WATER SHUT-OFF <input type="checkbox"/></td> <td>REPAIRING WELL <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREAT <input type="checkbox"/></td> <td>MULTIPLE COMPLETE <input type="checkbox"/></td> <td>FRACTURE TREATMENT <input type="checkbox"/></td> <td>ALTERING CASING <input type="checkbox"/></td> </tr> <tr> <td>SHOOT OR ACIDIZE <input type="checkbox"/></td> <td>ABANDON* <input checked="" type="checkbox"/></td> <td>SHOOTING OR ACIDIZING <input type="checkbox"/></td> <td>ABANDONMENT* <input type="checkbox"/></td> </tr> <tr> <td>REPAIR WELL <input type="checkbox"/></td> <td>CHANGE PLANS <input type="checkbox"/></td> <td>(Other) _____</td> <td></td> </tr> </table>		NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:		TEST WATER SHUT-OFF <input type="checkbox"/>	FULL 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) _____		11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA <b>SEC. 14, T35N, R30E</b>
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:																				
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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) _____																				
		12. COUNTY OR PARISH <b>Apache</b>																				
		13. STATE <b>Arizona</b>																				

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 drilled to 5345' and logged. No shows. Dry hole. The last casing is 9-5/8" at 1460'. The following cement plugs will be set:

Plug No. 1	4700'-T.D.	250 SXS
Plug No. 2	4034'-4134'	50 SXS
Plug No. 3	2166'-2266'	50 SXS
Plug No. 4	1411'-1511'	50 SXS
Plug No. 5	Surface	10 SXS

Hole between plugs will be filled with drilling mud. A dry hole marker will be placed in top of the 9-5/8" casing, and the casing stub capped. (Continuing per request.)



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

SIGNED \_\_\_\_\_ TITLE **Production Supt.** DATE **9-25-67**

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

426

14

9-25-67

Telcon w/Bud Williams, Kerr-McGee Corp.

Re: Kerr-McGee #H1  
Permit 426

Elevation 9044 K.B.

Tops: Coconino 2216  
Hermosa 4084 no sill  
Mississ 4750  
Devonian 4918  
McCrachen 5085  
Anath 5202  
Pre-Camb 5326

TD. 5345

9-5/8" pipe set to 1461 in Chinle (had expected to pick up  
Chinle at 400 feet).

Will Plug:

14-11 - 1511 with 50 sax  
2166 - 2266 with 50 sax  
4034 - 4134 with 50 sax  
T.D. 5345 - 4700 with 250 sax  
Heavy mud in between.

U.S.G.S. has approved. Verbal approval this Commission given.  
Will do some more testing before plugging.

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.  
**14-20-0603-8890**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**NAVAJO**

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
**NAVAJO**

9. WELL NO.  
**H-#1**

10. FIELD AND POOL, OR WILDCAT  
**WILDCAT**

11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA  
**Sec. 14-T35N-R30E**

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  **WILDCAT**

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  
**360° FNL & 560° FEL  
Sec. 14-T35N-R30E**

14. PERMIT NO.  
**State No. 426**

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**8958° (ungraded)**

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) <b>Spud</b> <input checked="" type="checkbox"/>	<input checked="" 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.)\*

**Spud at 9:00 PM 8-27-67. Drilled 13-3/4" hole to 1470' and set 9-5/8" O.D. 12.30ft, H-40, SR, STAC Casing at 1460' RKB. Cemented with 1250 sacks cement with 2% CaCl and 1/4t floccle/sack. Used pump and plug method. Circulated out 150 sacks. Plug down at 7:00 PM 9-2-67. Released pressure. Floats held OK. WOC 12 hrs. Test casing and BOP to 1000 psi for 30 minutes. Held OK. Drilling 8-3/4" hole below surface casing.**

**CONFIDENTIAL**



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

SIGNED *P.D. Welch* TITLE **Production Dept.** DATE **Sept. 7, 1967**

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

426

16

ARIZ.

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

Probably Pico Drilling Company

Drilling Contractor

Farmington, New Mexico

Address

DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if fee lease, name of lessor 14-20-0603-8890 Navajo "H"	Well number No. 1	Elevation (ground) 8958' (ungraded)
Nearest distance from proposed location to property or lease line: 360' 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: None	
If lease, purchased with one or more wells drilled, from whom purchased: None	Name	Address
Well location (give footage from section lines) 360' FNL & 560' FEL	Section—township—range or block and survey Sec. 14-T35N-R30E G&SRM	Dedication (Comply with Rule 105) All Sec 14
Field and reservoir (if wildcat, so state) Wildcat - Gas well	County Apache County, Arizona	
Distance, in miles, and direction from nearest town or post office 11 miles south of Red Rock Trading Post, Arizona		
Proposed depth: 5250'	Rotary or cable tools Rotary	Approx. date work will start 8-25-67
Bond Status Blanket Bond	Organization Report On file XX Or attached	Filing Fee of \$25.00 Attached Yes.

Remarks:

New Well.

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.

C. D. Williams / Gary Roth  
Signature

8-19-67  
Date

Permit Number: 426  
Approval Date: 8-23-67

Approved By:

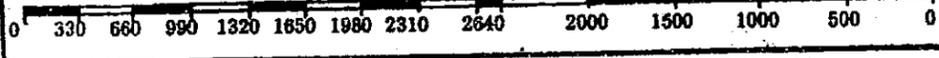
Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.

Form No. 3

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

1. Operator shall outline the dedicated acreage for both oil and gas wells on the plat.
2. 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.
3. All distances shown on the plat must be from the outer boundaries of the Section.
4. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES XX NO \_\_\_\_\_
5. 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 \_\_\_\_\_
6. If the answer to question four is "no," list all the owners and their respective interests below:

Owner	Land Description
SEE ATTACHED SURVEY PLAT	<p style="text-align: center;"><b>CERTIFICATION</b></p> <p>I hereby certify that the information above is true and complete to the best of my knowledge and belief.</p> <p>Name _____</p> <p>Position _____</p> <p>Company _____</p> <p>Date _____</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>



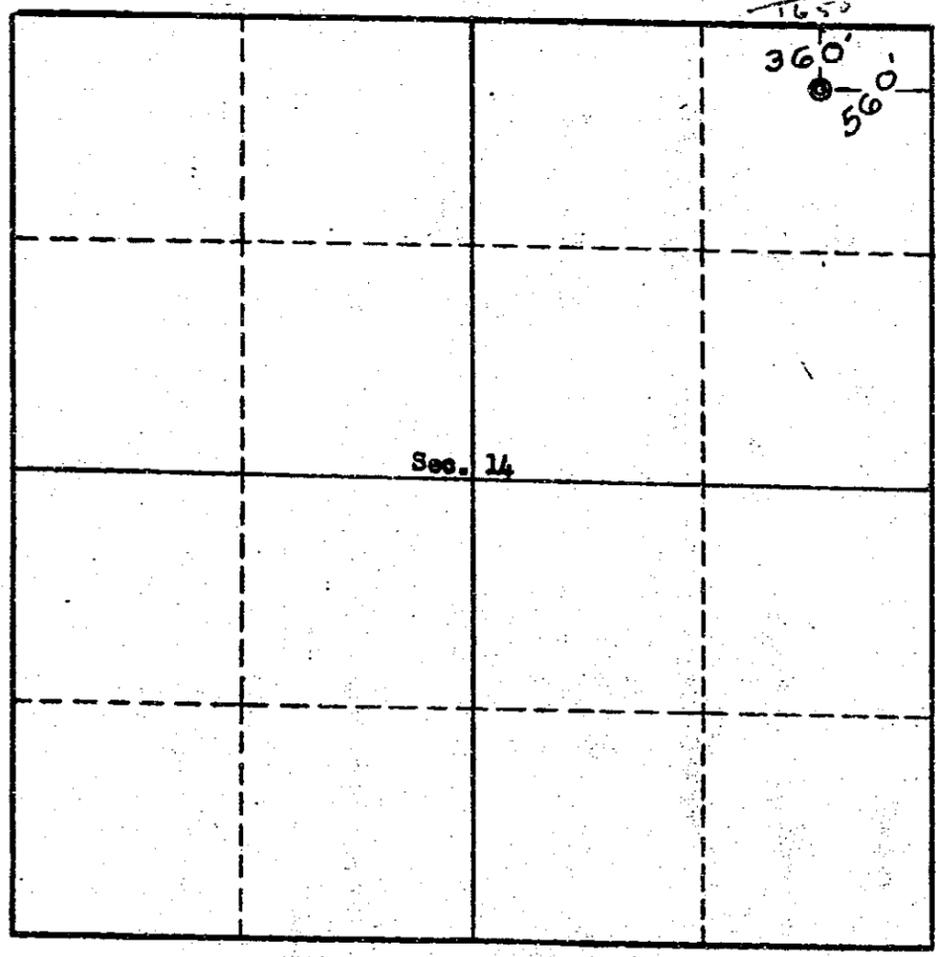
**PROPOSED CASING PROGRAM**

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
9-5/8" OD	32.30	H-40, ST&C	0	1020'	0-1020'	Sufficient to circulate potential productive zones.
7" or 5-1/2"	20# or 15#	J-55, ST&C	0	5250'	Sufficient to cover all	

5280  
2645  
1370

Company Kerr-McGee Corporation  
Well Name & No. H-#1 Navajo  
Location 360 feet from the North line and 560 feet from the East line.  
Sec. 14, T. 35 N., R. 30 E., G. & S. R. M., County Apache, Arizona  
Ground Elevation 8958, ungraded.

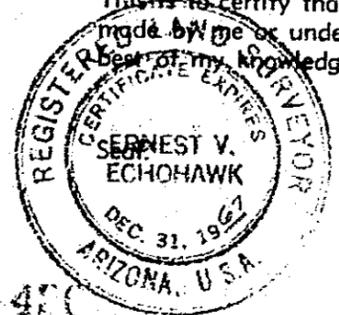
1370  
330  
1650



Scale, 1 inch = 1,000 feet

Surveyed July 27, 1967

This is to certify that the above plat 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

1847



# PERMIT TO DRILL

This constitutes the permission and authority from the

OIL AND GAS CONSERVATION COMMISSION,  
STATE OF ARIZONA,

**KERR-MC GEE CORPORATION**

To:

(OPERATOR)

to drill a well to be known as

**Kerr-McGee #1 Navajo H**

(WELL NAME)

located **360' FNL and 560' FEL (NE/4 NE/4)**

Section **14** Township **35N** Range **30E**, **Apache** County, Arizona.

The **entire section** 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 **23rd** day of **August**, 19**67**.

OIL AND GAS CONSERVATION COMMISSION

By

*John R. Bannister*

EXECUTIVE SECRETARY

PRIOR TO BEING ALLOWED TO PRODUCE THIS WELL YOU MUST BE IN FULL COMPLIANCE WITH RULE 105, SECTION 17-105 (S.D.C.), WITH RESPECT TO THE PRODUCT TO BE PRODUCED.

PERMIT **Nº 426**

API

RECEIPT NO. **02-001-20050**

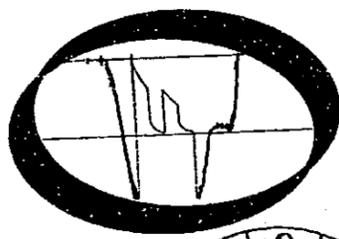
Receipt No. **9516**

State of Arizona  
Oil & Gas Conservation Commission

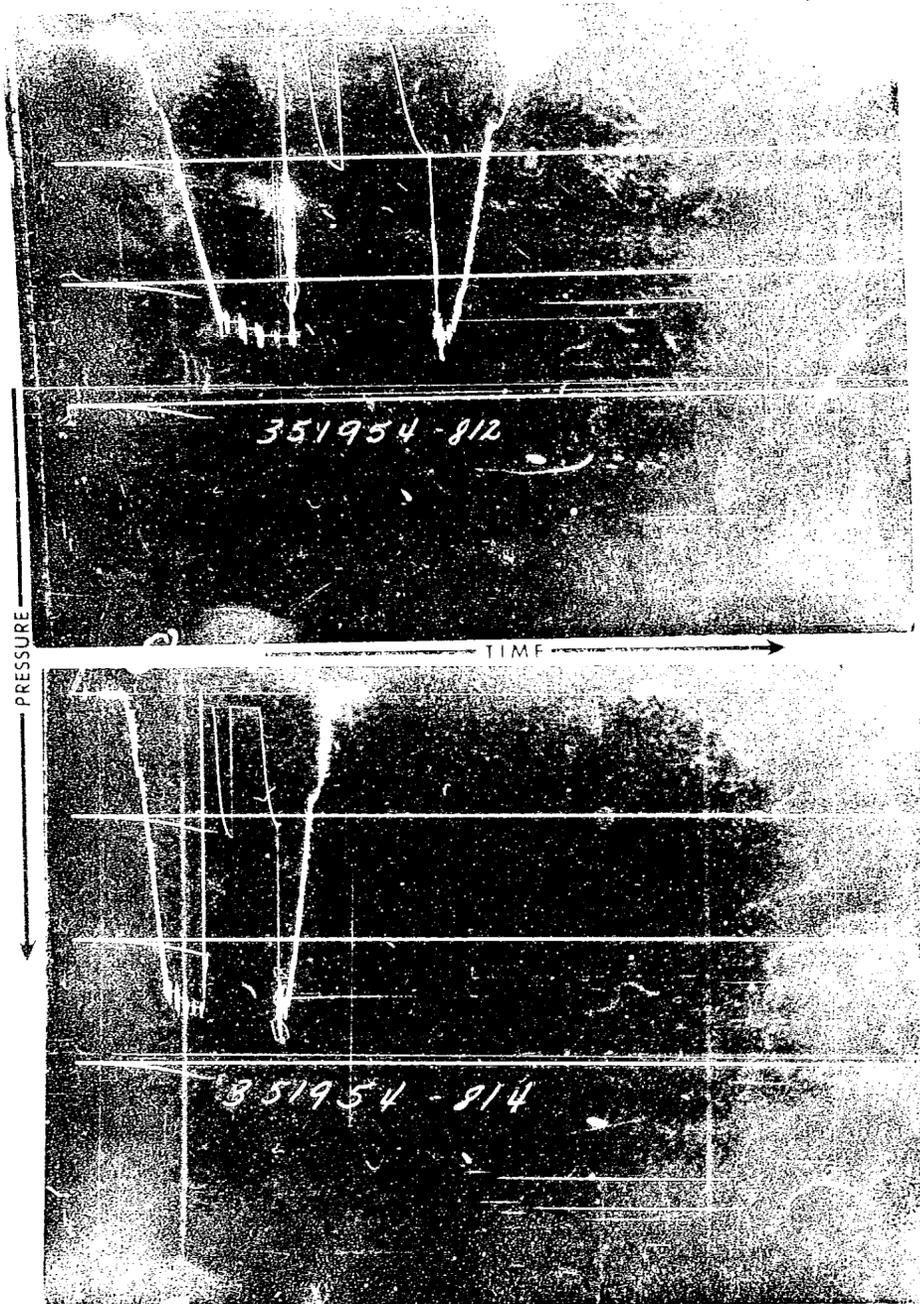
Permit to Drill

FORM NO. 27

# Formation Testing Service Report



**HALLIBURTON COMPANY**  
DUNCAN, OKLAHOMA



Each Horizontal Line Equal to 1000 p.s.i.

Time	Pressure (p.s.i.)	Notes
11:00	1000	
11:05	1000	
11:10	1000	
11:15	1000	
11:20	1000	
11:25	1000	
11:30	1000	
11:35	1000	
11:40	1000	
11:45	1000	
11:50	1000	
11:55	1000	
12:00	1000	
12:05	1000	
12:10	1000	
12:15	1000	
12:20	1000	
12:25	1000	
12:30	1000	
12:35	1000	
12:40	1000	
12:45	1000	
12:50	1000	
12:55	1000	
13:00	1000	
13:05	1000	
13:10	1000	
13:15	1000	
13:20	1000	
13:25	1000	
13:30	1000	
13:35	1000	
13:40	1000	
13:45	1000	
13:50	1000	
13:55	1000	
14:00	1000	
14:05	1000	
14:10	1000	
14:15	1000	
14:20	1000	
14:25	1000	
14:30	1000	
14:35	1000	
14:40	1000	
14:45	1000	
14:50	1000	
14:55	1000	
15:00	1000	
15:05	1000	
15:10	1000	
15:15	1000	
15:20	1000	
15:25	1000	
15:30	1000	
15:35	1000	
15:40	1000	
15:45	1000	
15:50	1000	
15:55	1000	
16:00	1000	
16:05	1000	
16:10	1000	
16:15	1000	
16:20	1000	
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22:40	1000	
22:45	1000	
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22:55	1000	
23:00	1000	
23:05	1000	
23:10	1000	
23:15	1000	
23:20	1000	
23:25	1000	
23:30	1000	
23:35	1000	
23:40	1000	
23:45	1000	
23:50	1000	
23:55	1000	
00:00	1000	

Gauge No.		812		Depth		5005'		Clock		12 hour		Ticket No.		351954	
	First Flow Period		Initial Closed In Pressure			Second Flow Period		Final Closed In Pressure							
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{P+O}{O}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{P+O}{O}$	PSIG Temp. Corr.					
P <sub>0</sub>	.000	7	.000		19	.000	26	.000		39					
P <sub>1</sub>	.0206	11	.0205		79	.0602	26	.0202		94					
P <sub>2</sub>	.0412	13	.0410		333	.1204	30	.0404		231					
P <sub>3</sub>	.0618	14	.0615		614	.1806	33	.0606		426					
P <sub>4</sub>	.0824	16	.0820		805	.2408	36	.0808		595					
P <sub>5</sub>	.1020	17	.1025		926	.3010	39	.1010		731					
P <sub>6</sub>	.1236	19	.1230		997			.1212		832					
P <sub>7</sub>			.1435		1041			.1414		899					
P <sub>8</sub>			.1640		1068			.1616		946					
P <sub>9</sub>			.1845		1087			.1818		981					
P <sub>10</sub>			.2050		1098			.2020		1009					
Gauge No.		814		Depth		5149'		Clock		24 hour					
P <sub>0</sub>	.000	92	.000		101	.000	115	.000		120					
P <sub>1</sub>	.011	95	.0108		186	.0324	109	.0104		182					
P <sub>2</sub>	.022	95	.0216		445	.0648	112	.0208		367					
P <sub>3</sub>	.033	97	.0324		733	.0972	115	.0312		508					
P <sub>4</sub>	.044	98	.0432		904	.1296	119	.0416		714					
P <sub>5</sub>	.055	99	.0540		1010	.1620	120	.0520		818					
P <sub>6</sub>	.066	101	.0648		1071			.0624		912					
P <sub>7</sub>			.0756		1117			.0728		971					
P <sub>8</sub>			.0864		1142			.0832		1024					
P <sub>9</sub>			.0972		1161			.0936		1059					
P <sub>10</sub>			.1080		1170			.1040		1081					
Reading Interval		3		3		9		3		3		Minutes			
REMARKS:															

SPECIAL PRESSURE DATA

Each Horizontal Line Equal to 1000 p.s.i.

NE NE 14-35N-30E Apache County

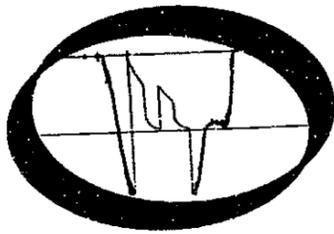
## NOMENCLATURE

<b>b</b>	= Approximate Radius of Investigation	Feet
<b>b<sub>1</sub></b>	= Approximate Radius of Investigation (Net Pay Zone h)	Feet
<b>D.R.</b>	= Damage Ratio	—
<b>EI</b>	= Elevation	Feet
<b>GD</b>	= B.T. Gauge Depth (From Surface Reference)	Feet
<b>h</b>	= Interval Tested	Feet
<b>h<sub>1</sub></b>	= Net Pay Thickness	Feet
<b>K</b>	= Permeability	md
<b>K<sub>1</sub></b>	= Permeability (From Net Pay Zone h)	md
<b>m</b>	= Slope Extrapolated Pressure Plot (Psi <sup>2</sup> /cycle Gas)	psi/cycle
<b>OF<sub>1</sub></b>	= Maximum Indicated Flow Rate	MCF/D
<b>OF<sub>2</sub></b>	= Minimum Indicated Flow Rate	MCF/D
<b>OF<sub>3</sub></b>	= Theoretical Open Flow Potential with/Damage Removed Max.	MCF/D
<b>OF<sub>4</sub></b>	= Theoretical Open Flow Potential with/Damage Removed Min.	MCF/D
<b>P<sub>s</sub></b>	= Extrapolated Static Pressure	Psig.
<b>P<sub>f</sub></b>	= Final Flow Pressure	Psig.
<b>P<sub>o</sub></b>	= Potentiometric Surface (Fresh Water*)	Feet
<b>Q</b>	= Average Adjusted Production Rate During Test	bbls/day
<b>Q<sub>1</sub></b>	= Theoretical Production w/Damage Removed	bbls/day
<b>Q<sub>g</sub></b>	= Measured Gas Production Rate	MCF/D
<b>R</b>	= Corrected Recovery	bbls
<b>r<sub>w</sub></b>	= Radius of Well Bore	Feet
<b>t</b>	= Flow Time	Minutes
<b>t<sub>o</sub></b>	= Total Flow Time	Minutes
<b>T</b>	= Temperature Rankine	°R
<b>Z</b>	= Compressibility Factor	—
<b>μ</b>	= Viscosity Gas or Liquid	CP
<b>Log</b>	= Common Log	

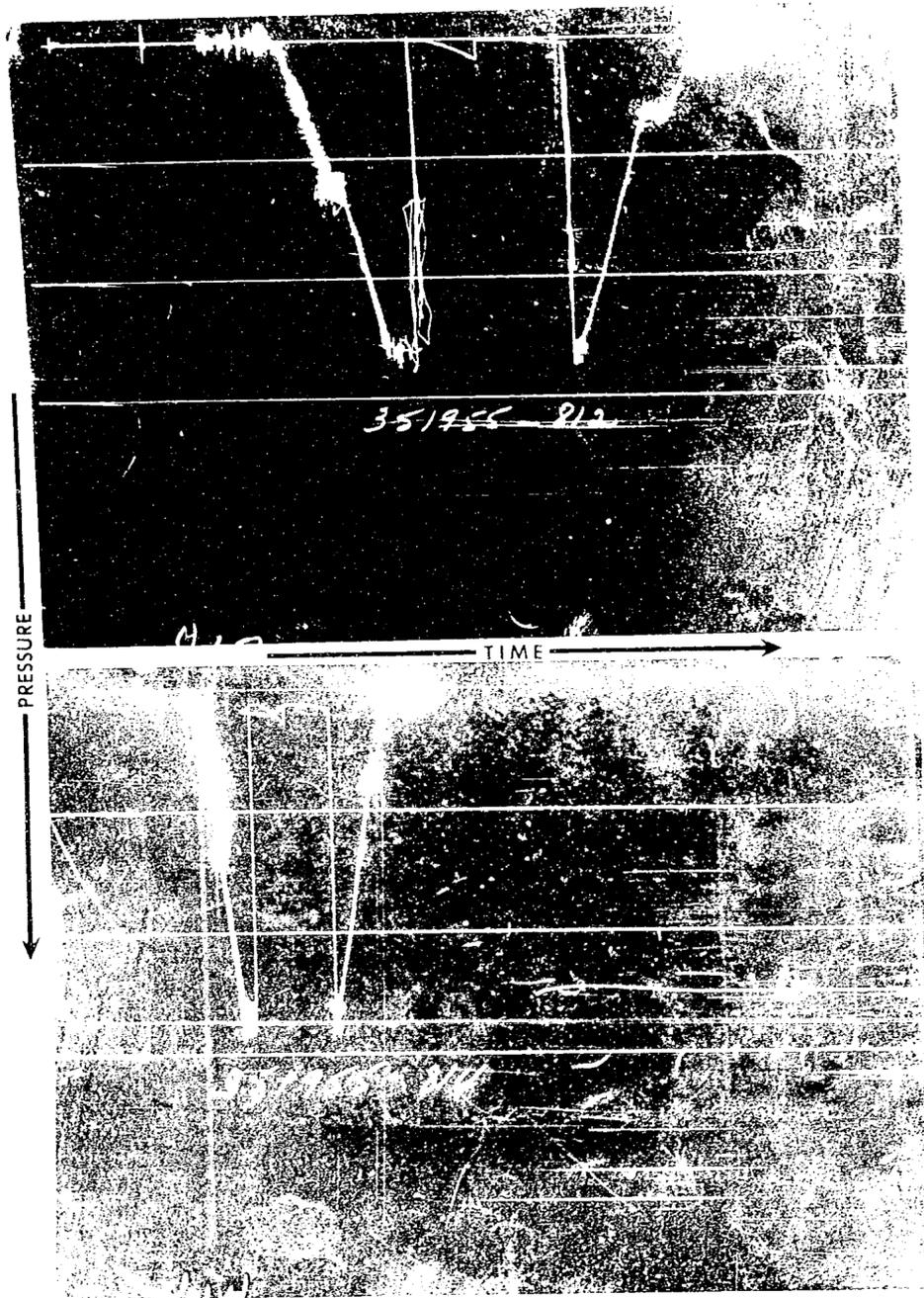
\* Potentiometric Surface Reference to Rotary Table When Elevation Not Given.  
Fresh Water Corrected to 100° F.

NAVAJO #1 NEVAJO #1  
 NE NE 14-35N-30E Apache County

# Formation Testing Service Report



**HALLIBURTON COMPANY**  
DUNCAN, OKLAHOMA



Each Horizontal Line Equal to 1000 p.s.i.

Well No. 1		Well No. 2		Well No. 3	
Depth	Pressure	Depth	Pressure	Depth	Pressure
BT. P.S.D. No.	812	BT. P.S.D. No.	812	BT. P.S.D. No.	812
Initial Flow Pres.	143	Initial Flow Pres.	143	Initial Flow Pres.	143
Final Flow Pres.	143	Final Flow Pres.	143	Final Flow Pres.	143
BT. P.S.D. No.	814	BT. P.S.D. No.	814	BT. P.S.D. No.	814
Initial Flow Pres.	140	Initial Flow Pres.	140	Initial Flow Pres.	140
Final Flow Pres.	140	Final Flow Pres.	140	Final Flow Pres.	140

FORMATION TEST DATA

Gauge No.		812		Depth		5157'		Clock		12 hour		Ticket No.		351955	
	First Flow Period		Initial Closed In Pressure			Second Flow Period		Final Closed In Pressure							
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.					
P <sub>0</sub>	.000	14	.000		14	.000	23	.000		14					
P <sub>1</sub>	.092	14	.300		177	.220	14	.282		47					
P <sub>2</sub>															
P <sub>3</sub>															
P <sub>4</sub>															
P <sub>5</sub>															
P <sub>6</sub>															
P <sub>7</sub>															
P <sub>8</sub>															
P <sub>9</sub>															
P <sub>10</sub>															

Gauge No.		814		Depth		5344'		Clock		24 hour	
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	
	P <sub>0</sub>	.000	129	.000		123	.000	133	.000		126
P <sub>1</sub>	.053	123	.154		280	.124	126	.143		160	
P <sub>2</sub>											
P <sub>3</sub>											
P <sub>4</sub>											
P <sub>5</sub>											
P <sub>6</sub>											
P <sub>7</sub>											
P <sub>8</sub>											
P <sub>9</sub>											
P <sub>10</sub>											

Reading Interval \_\_\_\_\_ Minutes

REMARKS: \_\_\_\_\_

Each Horizontal Line Equal to 1000 p.s.i.

SPECIAL PRESSURE DATA

13

KURT - 10000 #1 Navajo  
NE NE 14-35N-30E Apache County

## NOMENCLATURE

<b>b</b> = Approximate Radius of Investigation .....	Feet
<b>b<sub>1</sub></b> = Approximate Radius of Investigation (Net Pay Zone h) .....	Feet
<b>D.R.</b> = Damage Ratio .....	—
<b>EI</b> = Elevation .....	Feet
<b>GD</b> = B.T. Gauge Depth (From Surface Reference) .....	Feet
<b>h</b> = Interval Tested .....	Feet
<b>h<sub>1</sub></b> = Net Pay Thickness .....	Feet
<b>K</b> = Permeability .....	md
<b>K<sub>1</sub></b> = Permeability (From Net Pay Zone h) .....	md
<b>m</b> = Slope Extrapolated Pressure Plot (Psi <sup>2</sup> /cycle Gas) .....	psi/cycle
<b>OF<sub>1</sub></b> = Maximum Indicated Flow Rate .....	MCF/D
<b>OF<sub>2</sub></b> = Minimum Indicated Flow Rate .....	MCF/D
<b>OF<sub>3</sub></b> = Theoretical Open Flow Potential with/Damage Removed Max. ....	MCF/D
<b>OF<sub>4</sub></b> = Theoretical Open Flow Potential with/Damage Removed Min. ....	MCF/D
<b>P<sub>s</sub></b> = Extrapolated Static Pressure .....	Psig.
<b>P<sub>F</sub></b> = Final Flow Pressure .....	Psig.
<b>P<sub>o</sub></b> = Potentiometric Surface (Fresh Water*) .....	Feet
<b>Q</b> = Average Adjusted Production Rate During Test .....	bbbls/day
<b>Q<sub>1</sub></b> = Theoretical Production w/Damage Removed .....	bbbls/day
<b>Q<sub>o</sub></b> = Measured Gas Production Rate .....	MCF/D
<b>R</b> = Corrected Recovery .....	bbbls
<b>r<sub>w</sub></b> = Radius of Well Bore .....	Feet
<b>t</b> = Flow Time .....	Minutes
<b>t<sub>o</sub></b> = Total Flow Time .....	Minutes
<b>T</b> = Temperature Rankine .....	°R
<b>Z</b> = Compressibility Factor .....	—
<b>μ</b> = Viscosity Gas or Liquid .....	CP
<b>Log</b> = Common Log	

\* Potentiometric Surface Reference to Rotary Table When Elevation Not Given,  
Fresh Water Corrected to 100° F.

Each Horizontal Line Equal to 1000 p.s.i.

KERR-McGee #1 Navajo  
 NE NE 14-35N-30E Apache County  
 422

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:

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

**CANCELLED**

DATE 10-24-68

→ see this file

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



KERR-MCGEE BUILDING • OKLAHOMA CITY, OKLAHOMA 73102

215 Petroleum Center Building

Farmington, New Mexico

October 3, 1967

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

Attn: Mr. John Bannister

RE: Arizona O&GCC Form #9  
Navajo "H" Well No. 1  
Apache County, Arizona

Gentlemen:

Enclosed please find 2 Xerox copies of Arizona State Oil & Gas  
Conservation Commission Form No. 9 for our Navajo "H" No. 1 Wildcat  
Well which was mailed to you on September 28, 1967. If further  
information is required please notify this office.

Very truly yours,  
KERR-MCGEE CORPORATION

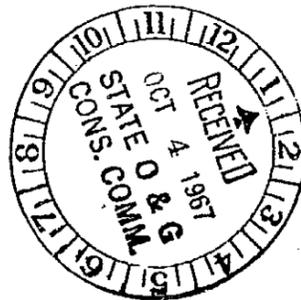
  
C. D. Williams  
Production Supt.

CDW/hs

Enclosures

cc: WRF  
RF

426





**KERR-MCGEE CORPORATION**

KERR-MCGEE BUILDING • OKLAHOMA CITY, OKLAHOMA 73102

215 Petroleum Center Building  
Farmington, New Mexico

September 28, 1967

COPY

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

Attn: Mr. John Bannister

RE: Arizona O&GCC Form #9  
Navajo "H" Well No. 1  
Apache County, Arizona

Gentlemen:

Enclosed please find Arizona State Oil & Gas Conservation  
Commission Form No. 9 for our Navajo "H" No. 1 Wildcat Well  
located in Section 14, T35N, R30E, in Apache County, Arizona.

Please advise if any further information is required.

Very truly yours,  
KERR-MCGEE CORPORATION

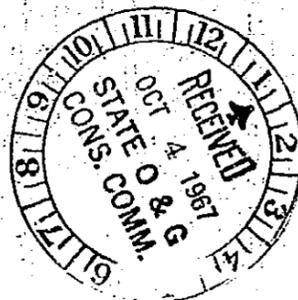
*C. D. Williams*  
C. D. Williams  
Production Supt.

CDW/hs

Enclosures

cc: 1-J.I.F.  
1-Tribe  
1-WRF/  
1-RF

420





**KERR-MCGEE CORPORATION**

KERR-MCGEE BUILDING • OKLAHOMA CITY, OKLAHOMA 73102  
215 Petroleum Center Building  
Farmington, New Mexico  
September 7, 1967

COPY

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

Attn: Mr. P. T. McGrath

RE: USGS Form 9-331  
Navajo H - #1  
Navajo No. 15  
Apache Co., Arizona

Gentlemen:

Enclosed please find USGS Form 9-331 for our Navajo H Well No. 1 located in Apache County, Arizona, Section 14, T35N, R30E. This is a Wildcat Well and all information should be kept confidential.

Also enclosed please find USGS Form 9-331 for our Navajo Well No. 15 located in Section 30, T36N, R30E, Apache County, Arizona. This well is in the Dinah-bi-Koyah Field.

Very truly yours,  
KERR-MCGEE CORPORATION

*C. D. Williams*  
C. D. Williams  
Production Supt.

CDM/bs

Enclosures

cc: Arizonax  
Nav. Tribe  
J.I.F.  
WRF H-1  
WRF #15  
RF





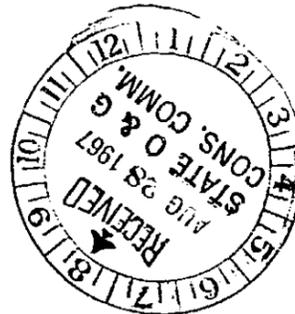
**KERR-MCGEE CORPORATION**

KERR-MCGEE BUILDING • OKLAHOMA CITY, OKLAHOMA 73102

215 Petroleum Center Building

Farmington, New Mexico

August 25, 1967



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

Attn: Mr. John Bannister

RE: Navajo "H" No. 1  
Apache Co., Arizona

Gentlemen:

This is in accordance with our telephone conversation with your office on August 23, 1967, concerning an exception to the Statewide Rules for gas wells.

Because of the following topographical conditions on the location of the Navajo "H" No. 1, Kerr-McGee Corporation requested an exception to Statewide Rule 105B, which requires the well to be located within the 1,000 foot designated square of a quarter section.

1. This 1,000 foot square is very steep with large timbers, thus it would be prohibitively expensive due to the clearing work, cut and fill work, and time required.
2. The location is inaccessible, roadwise, because of the steep, rocky mountainside.

Your approval of the exception is greatly appreciated.

Very truly yours,  
KERR-MCGEE CORPORATION

*G. E. Roth*  
G. E. Roth  
Prod. Engr.

GER/hs

cc: J.I. Fisher  
WRF  
RF

# 426

8-23-67

Telcon - Bill Morris, Kerr-McGee

Re; Unorthodox location Kerr-McGee #1 Navajo H  
NE NE 14-35N-30E

Re unorthodox location request:

orthodox location would be on mountain side, unaccessible  
due to steepness, road equipment could not operate, and  
is densely covered with big timber.

Will confirm in writing.

8-23-67  
NIGHT LETTER

KERR-MC GEE CORPORATION  
215 PETROLEUM CENTER BLDG  
FARMINGTON, NEW MEXICO

PERMIT TO DRIL NO. 426 APPROVED AUGUST 23, 1967 COVERING KERR-MC GEE  
#1 NAVAJO H GAS WELL LOCATED NE NE 14-35N-30E APACHE COUNTY  
ARIZONA. ENTIRE SECTION IS DEDICATED TO THIS WELL IN ACCORDANCE  
WITH RULE 105.B.

JOHN BANNISTER  
EXECUTIVE SECRETARY  
OIL & GAS CONSERVATION COMMISSION

426



**KERR-MCGEE CORPORATION**

KERR-MCGEE BUILDING - OKLAHOMA CITY, OKLAHOMA 73102

215 Petroleum Center Building

Farmington, New Mexico

August 19, 1967

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

Attn: Mr. John Bannister, Exec. Secretary

RE: Application For Permit  
To Drill - Form No. 3  
Navajo "H" No. 1  
Apache Co., Arizona

Gentlemen:

Enclosed please find two copies of Arizona O&GCC Form #3 for the Kerr-McGee Navajo "H" Well No. 1 located in Sec. 14, T35N, R30E. 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.

We are requesting you grant an exception from state-wide rules for gas wells on this location which requires the well to be located 1640' from the Section line. Due to topographical conditions it would be impossible to locate this well within the specified square around the center of the section. Therefore, we are requesting you grant this exception in the location as stated on the enclosed forms, without notice or hearing.

Your approval of this application is requested.  
Please keep this information confidential.

Very truly yours,  
KERR-MCGEE CORPORATION

*C. D. Williams / Gary Roth*

C. D. Williams  
Production Supt.

CDW/hs

Enclosures

cc: Tribe  
JIF  
RWK  
WRF  
Draft Copy  
RF

*Note. I am familiar with this area  
a mt. is in center of section  
preventing compliance with  
Rule 105.B. See Rule 105.D*

*JRB*

*424*