

Kerr-McGee No. 24 *Map 195*
NW/NW Sec. 32, T36N, R30E *675*

COUNTY Apache AREA Redrock, AZ LEASE NO. 14-20-0603-8823

(5-1-81) Mtn. States Petroleum 24
 WELL NAME Kerr-McGee/Navajo

LOCATION NW/NW/4 SEC 32 TWP 36N RANGE 30E FOOTAGE 500' FNL & 540' FWL
 ELEV 7865'GR KB SPUD DATE 9-24-78 STATUS Prod. 8/82 TOTAL DEPTH 3515
 COMP. DATE 11-7-78

CONTRACTOR Cactus Drilling Corporation

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH	DRILLED BY ROTARY
<u>9 5/8"</u>	<u>335</u>	<u>2755X</u>		<input checked="" type="checkbox"/>
<u>7"</u>	<u>3413</u>	<u>2505X</u>		<input checked="" type="checkbox"/>

DRILLED BY CABLE TOOL Completed
 PRODUCTIVE RESERVOIR _____
 INITIAL PRODUCTION 8500, 197 BW
60.8 MCF

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
<u>Chino</u>	<u>0</u>			
<u>COCONINO</u>	<u>1045</u>			
<u>Hermosa</u>	<u>2885</u>			
<u>Bls. Shale</u>	<u>3365</u>			
<u>Intrusive</u>	<u>3413</u>			

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG
<u>GR-CBL-CFOL-CL</u>			SAMPLE DESCRP.
<u>BTL-RA-Inj Profile</u>	<u>open Hole</u>	<u>3413-35</u>	SAMPLE NO. <u>1806</u>
			CORE ANALYSIS
			DSTs

REMARKS _____ APP. TO PLUG _____
 PLUGGING REP. _____
 COMP. REPORT

WATER WELL ACCEPTED BY _____

BOND CO. Firemens Insurance Company filed in BOND NO. 188-98-10-528
BIA DATE 12/1/97
 BOND AMT. \$ 25,000 CANCELLED 12/1/97 ORGANIZATION REPORT 6-29-78
 FILING RECEIPT 1242 LOC. PLAT X WELL BOOK X PLAT BOOK X
 API NO. 02-001-20244 DATE ISSUED 6-5-78 DEDICATION NA

PERMIT NUMBER 695

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 Box 250; Amarillo, Texas 79189	
Federal, State or Indian Lease Number or name of lessor if fee lease 14-20-0603-8823		Well Number 24	Field & Reservoir Dineh-Bi-Keyah
Location 500' FNL, 540' FWL		County Apache	
Sec. TWP-Range or Block & Survey Sec 32 - T36N - R30E G & SRM Survey			
Date spudded 9-24-78	Date total depth reached 10-21-78	Date completed, ready to produce 11-7-78	Elevation (DF, RFB, RT or Gr.) 7865 GR feet
Elevation of casing hd. range --- feet		Elevation of casing hd. range --- feet	
Total depth 3515	P.B.T.D. ---	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 3413 - 3515		Rotary tools used (interval) 0-3414	Cable tools used (interval) 3413 - 3515
Was this well directionally drilled? No	Was directional survey made? No	Was copy of directional survey filed? N/A	Date filed ---
Type of electrical or other logs run (check logs filed with the commission) GR - CBL, CFDL, CL, BTL, RA Inj Profile			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
Conductor	17 1/2	15	Culvert Pipe	40'	4yds Redimix	---
Surface	12 1/4	9 5/8	32.3	335	275 sks	---
Production	8 3/4	7	20	3413	250 sks	---

TUBING RECORD

LINER RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
2 7/8 in.	3418 ft.	---	---	---	---	---	---

PERFORATION RECORD			ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD	
Number per ft.	Size & type	Depth Interval	Amt. & kind of material used	Depth Interval
Open Hole	3413 - 3515	Frac:	76,000gals lease crude 120,000# 10-20 sand	3413-3515

INITIAL PRODUCTION

Date of first production 11-7-78		Producing method (indicate if flowing, gas lift or pumping—If pumping, show size & type of pump): Pumping - 2 1/2" x 2" x 20' BMW Double Valve					
Date of test 12-6-78	Hrs. tested 24	Choke size ---	Oil prod. during test 85 bbls.	Gas prod. during test 60.8 MCF	Water prod. during test 197 bbls.	Oil gravity ° API (Corr)	
Tubing pressure ---	Casing pressure ---	Cal'ated rate of Production per 24 hrs.	Oil 85 bbls.	Gas 60.8 MCF	Water 197 bbls.	Gas-oil ratio 715	

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 ~~an~~ an Engineering Assistant 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.

12-12-78
Date

Larry R. Bell
Signature **Larry R. Bell**

RECEIVED 12 14 1978 Permit No. 695 O & G CONS. COMM.	STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Well Completion or Recompletion Report and Well Log Form No. 4 File One Copy
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DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
Chinle	0	1045	Red Shale w/thin stringers of sand
Coconino	1045	1760	Massive sandstone w/shaley stringers
Hermosa	2885		Gray, dense limestone w/shaley stringers
Black Shale	3365	3375	Black Shale
Intrusive	3412	TD	Syenite

* 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.

**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 <u>14-20-0603-8823</u>	Field <u>Dineh-BI-Keyah</u>	Reservoir <u>Hermosa</u>
Survey or Sec-Twp-Rge <u>Sec 29, 30, 31, 32 T-36N-R30E</u>	County <u>Apache</u>	State <u>AZ</u>
Operator <u>Mountain States Petroleum Corp.</u>		
ADDRESS ALL CORRESPONDENCE CONCERNING THIS FORM TO:		
Street <u>P O Bx 1936</u>	City <u>Roswell,</u>	State <u>New Mexico 88202</u>
Above named operator authorizes (name of transporter) <u>Giant Industries</u>		
Transporter's street address <u>P O Bx 12999</u>	City <u>Scottsdale,</u>	State <u>AZ</u>
Field address <u>P O Bx 256 (Bloomfield Hwy) Farmington, N M 87499</u>		
Oil, condensate, gas well gas, casinghead gas		
To transport	<u>100% of the</u>	<u>oil</u> 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. <u>Change of Oper.</u>		

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 Secretary of the Mountain States Petro. Corp. (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 Aug. 11, 1995 Ruby Wickersham
Signature

Date approved: AUG 16 1995
STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
By: Steven L. Rainey
Permit No. 695

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

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Kerr-McGee Corporation

3. Address and Telephone No.
U.S. Onshore Region, P. O. Box 25861, Oklahoma City, OK 73125
405/270-6023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
500' FNL & 540' FWL
Sec. 32, T36N, R30E

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
14-20-0603- 8823

6. If Indian, Allottee or Tribe Name

Navajo

7. If Unit or CA, Agreement Designation

P/N 695

8. Well Name and No.

Navajo #24

9. API Well No.

02-001-20244

10. Field and Pool, or Exploratory Area

Dineh-Bi-Keyah

11. County or Parish, State

Apache Co., AZ

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Shut-in</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

13. 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.)

The long-term shut-in for the subject well expired 12-31-92. Kerr-McGee requests a one year extension to 12-31-93.

APPROVED
By SLR

Date 2/17/93



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

Signed [Signature] Title Regulatory Specialist Date 2-15-93

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

**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 14-20-0603-8823 Navajo	Field Dineh-Bi-Keyah	Reservoir Hermosa
Survey or Sec-Twp-Rge Several - T 36 N, R 30 E	County Apache	State Arizona
Operator Kerr-McGee Corporation		
ADDRESS ALL CORRESPONDENCE CONCERNING THIS FORM TO:		
Street P. O. Box 250	City Amarillo	State Texas, 79189
Above named operator authorizes (name of transporter) Gary-Williams Energy		
Transporter's street address 370 17th St., Suite 5300	City Denver	State Colorado, 80202
Field address P. O. Box 159, Bloomfield, NM 87413		
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.		

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 Area Manager 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.

8/18/92
Date

H.H. Rice
Signature **H.H. Rice**

Date approved: 8-21-92

**STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION**

By: Steven L. Rainz

Permit No. _____

**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

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
14-20-0603-8823

6. If Indian, Allottee or Tribe Name
Navajo

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Navajo #24 *file 695*

9. API Well No.
02-001-20244

10. Field and Pool, or Exploratory Area
Dineh-Bi-Keyah

11. County or Parish, State
Apache Co., AZ

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Kerr-McGee Corporation

3. Address and Telephone No.
U.S. Onshore Reigon, P. O. Box 25861, Oklahoma City, OK 73125
405/270-6023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
500' FNL & 540' FWL
Sec. 32, T36N, R30E

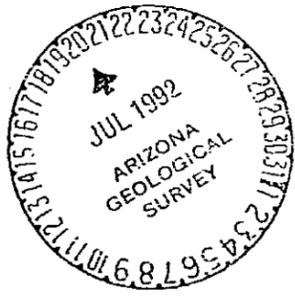
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other Mechanical Integrity Test
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

13. 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.)*

See attached



14. I hereby certify that the foregoing is true and correct
Signed D. D. Sumner Title Regulatory Specialist Date 7-15-92

(This space for Federal or State office use)
Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NAVAJO 24
Dineh-Bi-Keyah Field

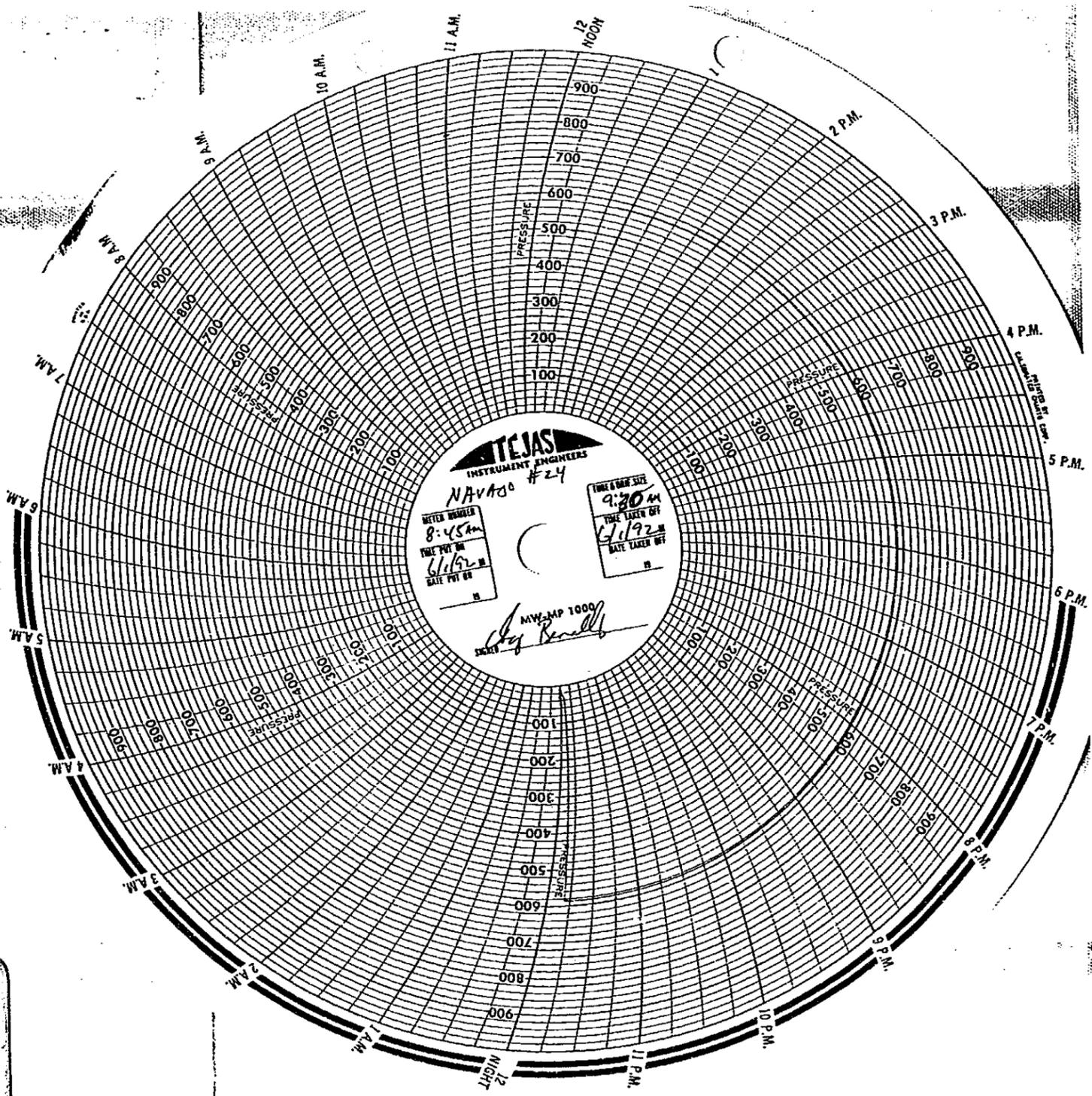
MECHANICAL INTEGRITY TEST

5/29/92 MI & RU on well. Bled pressure off WH. Open well, ND WH & NU BOP w/closing unit. TOOH with 3-1/2" OD 9.3# 8rd EUE tbg. Found well has tbg in well. TOOH w/104 jts 3-1/2" tbg. PU 7" Baker Model-EA compression pkr & TIH w/3 jts 2-7/8" 6.5# 8rd EUE J-55 tbg, 1 crossover from 2-7/8"-3-1/2", 104 jts 3-1/2" OD 9.3# 8rd EUE tbg. Set pkr @ 3350' RKB. Close in BOP. MI 140 BFW treated w/Tretolite XC-320 Bactericide chemical. Ran 2" steel line from rig. Pump to 2" 2000 WKM csg valve. Pumped & loaded 7" csg w/70 bbls treated wtr. Pressure up 7" csg to 600 psig & pressure bled off 260 psi in 30 mins. Unset pkr & reset pkr @ 3340' RKB. Reloaded 7" csg w/treated wtr & psi tstd 7" csg to 600 psi - psi held for 30 mins. Perfs @ 3413'-3515' RKB. TD @ 3415' RKB. Bled pressure off to steel tank. Unset pkr & TOOH w/104 jts of 3-1/2" OD tbg, 3 jts 2-7/8" tbg, 7" Baker Model-EA pkr. LD 2-7/8" tbg on float & TIH with 3-1/2" tbg. ND BOP's & NU WH. RD rig & release rig to next location. MO to next location.

Chart recording attached.

NOTE: Notify Mark Keely w/BLM; Arlene Luther w/Navajo Tribal EPA; Steve Rauzi w/Arizona Oil & Gas Commission. Above agencies were not present to witness pressure testing.

SUPERVISOR: Ray Benally



Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 Kerr-McGee Corporation

3. Address and Telephone No.
 U.S. Onshore Region, P. O. Box 25861, Oklahoma City, OK 73125 405/270-6023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 500' FNL & 540' FWL
 Sec. 32, T36N, R30E

FORM APPROVED
 Budget Bureau No. 1004-0135
 Expires: March 31, 1993

5. Lease Designation and Serial No.
 14-20-0603-8823

6. If Indian, Allottee or Tribe Name
 Navajo

7. If Unit or CA, Agreement Designation

8. Well Name and No.
 Navajo #24

9. API Well No.
 02-001-20244

10. Field and Pool, or Exploratory Area
 Dineh-Bi-Keyah

11. County or Parish, State
 Apache Co., AZ

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Mechanical Integrity Test</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

13. 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.)

The long term shut in for the subject well expired December 31, 1991. Kerr-McGee would like to extend the shut in for one additional year to December 31, 1992.

The casing integrity will be tested to allow the well to remain in a shut in status. Kerr-McGee requests that the test be deferred until late spring or early summer due to the current adverse weather conditions. The test will be conducted prior to July 1, 1992.

14. I hereby certify that the foregoing is true and correct
 Signed G. Bunas G. Bunas Title Analyst II Date 2-28-92
 (This space for Federal or State office use)

Approved by _____ Title _____ Date _____
 Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

P/N 695

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

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 Form 9-331-C 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 79189

4. LOCATION OF WELL. (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: **500' FNL & 540' FWL**
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) Weekly Report	X

5. LEASE 14 - 20 - 0603 - 8823	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME Navajo	
9. WELL NO. 24	
10. FIELD OR WILDCAT NAME Dineh-Bi-Kayah	
11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA Sec. 32, T36N, R30E G & S RM Survey	
12. COUNTY OR PARISH Apache	13. STATE Arizona
14. API NO.	
15. ELEVATIONS (SHOW DF, KDB, AND WD) 7865 GR	

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

Pumping well - waiting for production to level off before testing

Report as of 12-4-78

RECEIVED
DEC 8 1978
O & G CONS. COMM.

Subsurface Safety Valve: Manu. and Type _____

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

Original Signed By *Larry R. Bell*
SIGNED **Larry R. Bell** TITLE **Engineering Asst.** DATE **December 4, 1978**

(This space for Federal or State office use)

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

695

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

5. LEASE DESIGNATION AND SERIAL NO.

14-20-0603-8823

6. INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

Navajo

8. FARM OR LEASE NAME

Navajo

9. WELL NO.

74

10. FIELD AND POOL, OR WILDCAT

Dinah-Bi-Keyah

11. SEC. T. R. M. OR BLM. AND SURVEY OR AREA

Sec. 32, T36N, R30E

12. COUNTY OR PARISH

G. & B. RM Survey

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 79189

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

500' FNL & 540' FWL

14. PERMIT NO.
State No. 695

15. ELEVATIONS (Show whether OP, RT, GR, etc.)
7865 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"/>	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 COMPLETE	<input type="checkbox"/>	ABANDONMENT*	<input 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.)

Pumping well - waiting for production to level off before testing
Report as of 11-17-78

18. I hereby certify that the foregoing is true and correct.
SIGNED Larry R. Bell TITLE Engineering Assistant DATE November 17, 1978

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

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695 NOV 20 1978
D & G CONS. COMM.

*See Instructions on Reverse Side

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator KERR-McGEE CORPORATION
 2. Oil Well GAS WELL OTHER (Specify) _____
 3. Well Name NAVAJO No. 24
 Location 500' FNL & 540' FWL
 Sec. 32 Twp. 36 N Rge. 30 E County Apache Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease: 14 - 20 - 0603 - 8823

5. Field or Pool Name Dineh - Bi - Keyah

6. 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"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <u>Weekly Progress</u>	ABANDONMENT <input type="checkbox"/>
(OTHER) _____			<input checked="" type="checkbox"/>

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

7. 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.)

Swabbed well 2 runs
 Pulled BHP Bombs - ran pump and rods
 Tied well into flowline. Put well on pump at 3:00 P. M. 10-30-78
 Pumped frac load back - waiting on production to level off. (Presently producing 300 + BOPD)
 Report as of 11-11-78

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NOV 30 1978

D & G CONS. COMM.

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

Signed Larry R. Bell Larry R. Bell Title Engineering Assistant Date November 14, 1978

Permit No. 695

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
 File Two Copies
 Form No. 25

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator KERR-McGEE CORPORATION

2. Oil WELL GAS WELL OTHER (Specify) _____

3. Well Name NAVAJO # 24

Location _____

Sec. _____ Twp. 36N Rgn. 30E County Apache Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease 14 - 20 - 0603 - 8823

5. Field or Pool Name Dineh-Bi-Keyah

6. 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"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <u>Weekly Progress</u>	ABANDONMENT <input type="checkbox"/>
(OTHER) _____			<input checked="" type="checkbox"/>

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

7. 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.)

Ran gamma ray density caliper log

Ran BHP bomb

Pumped 10,000 gallons of gelled lease crude at 55 BPM and 200 psi

Ran temperature log from 3300' to 3510'. Ran gamma ray log from 3300' to 3510'. Slight indication of channeling.

Fraced well as follows:

Pumped 10,000 gallons of gelled lease crude pad

Pumped 20,000 gallons of frac fluid with 1 PPG 10-20 sand

Pumped 20,000 gallons of frac fluid with 2 PPG 10-20 sand

Pumped 20,000 gallons of frac fluid with 3 PPG 10-20 sand

Pumped 6,000 gallons lease crude flush

I.S.I.P.: 200 psi - on vacuum in 2 min.

A.I.P. : 310 psi A.I.R. : 54 BPM

Ran 2 7/8" tbg. to 3418'. Swabbed well. Made two (2) runs recovered slight trace of oil. Lowered tbg. to 3478.98'. Made three (3) swab runs. Recovered 1/2 bbl. of oil per run. Ran BHP bombs-as of 10-27-78.

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

Signed Larry R. Bell Larry R. Bell Title Engineering Asst. Date Nov. 1, 1978

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Sundry Notices and Reports On Wells
File Two Copies

Permit No. 695

Form No. 25

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator KERR-McGEE CORPORATION

2. OIL WELL GAS WELL OTHER (Specify) _____

3. Well Name NAVAJO # 24

Location _____

Sec. _____ Twp. 36N Rge. 30E County Apache Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease 14 - 20 - 0603 - 8823

5. Field or Pool Name Dineh-Bi-Keyah

6. 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"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>		ABANDONMENT <input type="checkbox"/>
(OTHER) _____		(OTHER) <u>Weekly Progress</u>	<input checked="" type="checkbox"/>

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

7. 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.)

Ran gamma ray and C bond logs

Drilled out cement

Drilled open-hole with Cable Tool to 3515 as of 10-22-78

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

Signature Larry R. Bell Title Engineering Asst. Date NOV. 1, 1978

Permit No. 695

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Sundry Notices and Reports On Wells
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Form No. 25

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator KERR-McGEE CORPORATION
 2. OIL WELL GAS WELL OTHER (Specify) _____
 3. Well Name NAVAJO # 22
 Location 500' FNL & 540' FWL
 Sec. 32 Twp. 36N Rge. 30E County Apache Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease 14-20-0603-8823

5. Field or Pool Name Dineh-Bi-Keyah

6. 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"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <u>Weekly Progress</u>	ABANDONMENT <input type="checkbox"/>
(OTHER) _____			<input checked="" type="checkbox"/>

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

7. 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.)

Reached depth of 3414' 10-12-78
 Ran 83 jts. 7", 20# K-55 ST&C. Guide shoe at 3413'. Cemented w/250 sks
 Class "B".
 Will move in Cable Tool to complete 10-16-78.

RECEIVED
 OCT 19 1978
 O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.
 Signed Larry R. Bell Title Engineering Asst. Date October 13, 1978

Permit No. 695

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
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'SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator KERR-McGEE CORPORATION

2. Oil Well GAS Well OTHER (Specify) _____

3. Well Name NAVAJO # 24

Location 500' FNL & 540' FWL

Sec. 32 Twp. 36N Rge. 30E County Apache Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease 14 - 20 - 0603 - 8823

5. Field or Pool Name Dineh - Bi - Keyah

6. 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"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <u>Weekly Progress</u>	ABANDONMENT <input type="checkbox"/>
(OTHER) _____			<input checked="" type="checkbox"/>

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

7. 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.)

Drilling ahead at 1700'

(As of 10-5-78)

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

Signed Larry R. Bell Larry R. Bell Title Engineering Asst. Date 10-6-78

Permit No. 695

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OCT 13 1978
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STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Sundry Notices and Reports On Wells
File Two Copies
Form No. 28

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator KERR-McGEE CORPORATION

2. Oil Well GAS WELL OTHER (Specify) _____

3. Well Name Navajo #24

Location 500' ENL & 540' FWL

Sec. 32 Twp. 36N Rge. 30E County Apache Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease 14 - 20 - 0603 - 8823

5. Field or Pool Name Dineh - Bi - Keyah

6. 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"/>	MONTHLY PROGRESS	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	DIRECTIONAL DRILL	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	PERFORATE CASING	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>	(OTHER) <u>Spud Date</u>	<input checked="" type="checkbox"/>	ABANDONMENT	<input type="checkbox"/>

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

7. 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.)

Spudded Well - 9-24-78
 Set 40' 15" conductor pipe - cemented with 4 yds. Redimix. Recemented with 100 sks Class "B" Cement.

Ran 8 Jts. 9 5/8" H-40, 32.3#, ST&C Csg. set at 335' - cemented with 275 sks Class "B" with 2% CaCl, 4% gel, and 1/4# flocele per sack.

As of 10-1-78: Drilling ahead

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

Signed Carl Sweatfield Carl Sweatfield Title Dist. Drilling Supt. Date 10-2-78

Permit No. 695

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STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
 File Two Copies
 Form No. 25

1. Operator shall outline the dedicated acreage for both oil and gas wells on the plat. Outlined in red
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 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
	<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: center;"><i>C. J. Breeden</i></p> <p>Name C. J. Breeden</p> <p>Position District Manager-Drilling</p> <p>Company Kerr-McGee Corporation</p> <p>Date June 30, 1978</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 ST&C	0	350	350	325 sks
7"	20#	K-55 ST&C	0	3,450	3,450	250 sks



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

Navajo No. 24
(WELL NAME)

located 500' FNL & 540' FNL (NW/NW/4)

Section 32 Township 36N Range 30E, Apache County, Arizona.

The N.A. 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 5th day of July, 1978.

OIL AND GAS CONSERVATION COMMISSION

By W.E. Allen
EXECUTIVE SECRETARY

PERMIT N^o 695

RECEIPT NO. 1242
API No. 02-001-20244

State of Arizona
Oil & Gas Conservation Commission
Permit to Drill

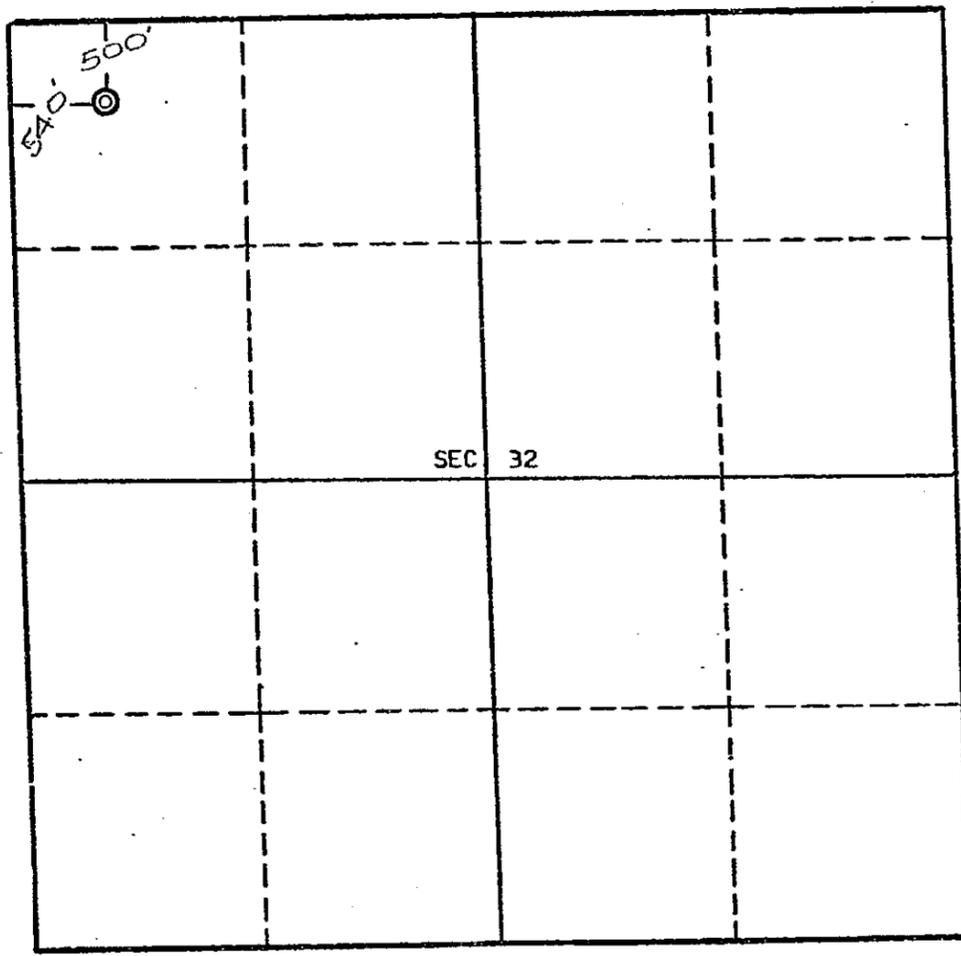
FORM NO. 27

SAMPLES ARE REQUIRED

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APR 11 1978

APR 21 1978

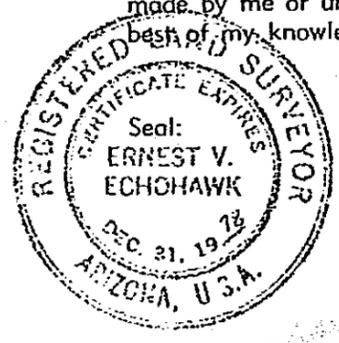
Company Kerr-McGee Corporation Oil & Gas Cons. Comm.
Well Name & No. No. 24 Navajo
Location 500 feet from the North line and 540 feet from the West line.
Sec. 32, T. 36 N., R. 30 E., G. & S. R. M., County Apache, Arizona
Ground Elevation 7865



Scale, 1 inch = 1,000 feet

Surveyed April 8, 1978

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

DINEH-BI-KEYAH FIELD

Operator: Mountain States Petroleum Corporation

Bond Company: Indian lands, evidence of bond posted with BIA

Amount: \$325,000*

Bond No.: Letter of Credit Bond No. 315 **Date approved:** 5/27/94

*** Pursuant to commission motion of October 31, 1997, no bond required with State of Arizona upon evidence of bond posted with the BIA.**

Permits covered by this bond posted with the BIA:

<u>377</u>	<u>445</u>
<u>384</u>	<u>446</u>
<u>385</u>	<u>484</u>
<u>386</u>	<u>506</u>
<u>388</u>	<u>618</u>
<u>389</u>	<u>691</u>
<u>390</u>	<u>692</u>
<u>396</u>	<u>693</u>
<u>416</u>	<u>695</u> ✓
<u>417</u>	<u>696</u>
<u>419</u>	<u>719</u>
<u>421</u>	<u>720</u>
<u>422</u>	<u>721</u>
<u>431</u>	<u>722</u>
<u>443</u>	<u>723</u>



Jane Dee Hull
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

December 1, 1997

Ms. Stacey Roberts
Kerr-McGee Corporation -
P.O. Box 25861
Oklahoma City, OK 73125

695

Re: Kerr-McGee Corporation
\$25,000 Oil Drilling Blanket Bond #2971100-2620
Safeco Insurance Company of America

Dear Ms. Roberts:

Mountain States Petroleum has provided evidence of its bonding with the BIA for the Dineh-bi-Keyah Field in Arizona, and our records show that Kerr-McGee Corporation has no outstanding drilling or plugging obligations in Arizona.

As a result, this letter constitutes written permission by the Oil and Gas Conservation Commission to terminate liability under the referenced bond. A copy of the bond is enclosed for your information.

Please advise if we may be of further service.

Sincerely,

Steven L. Rauzi
Oil & Gas Program Administrator

Enclosure

Operator KERR-MCGEE CORPORATION
Bond Company SAFECO INSURANCE COMPANY OF AMERICA Amount \$25,000
Bond No. 2971100-2620 Date Approved FEBRUARY 18, 1994

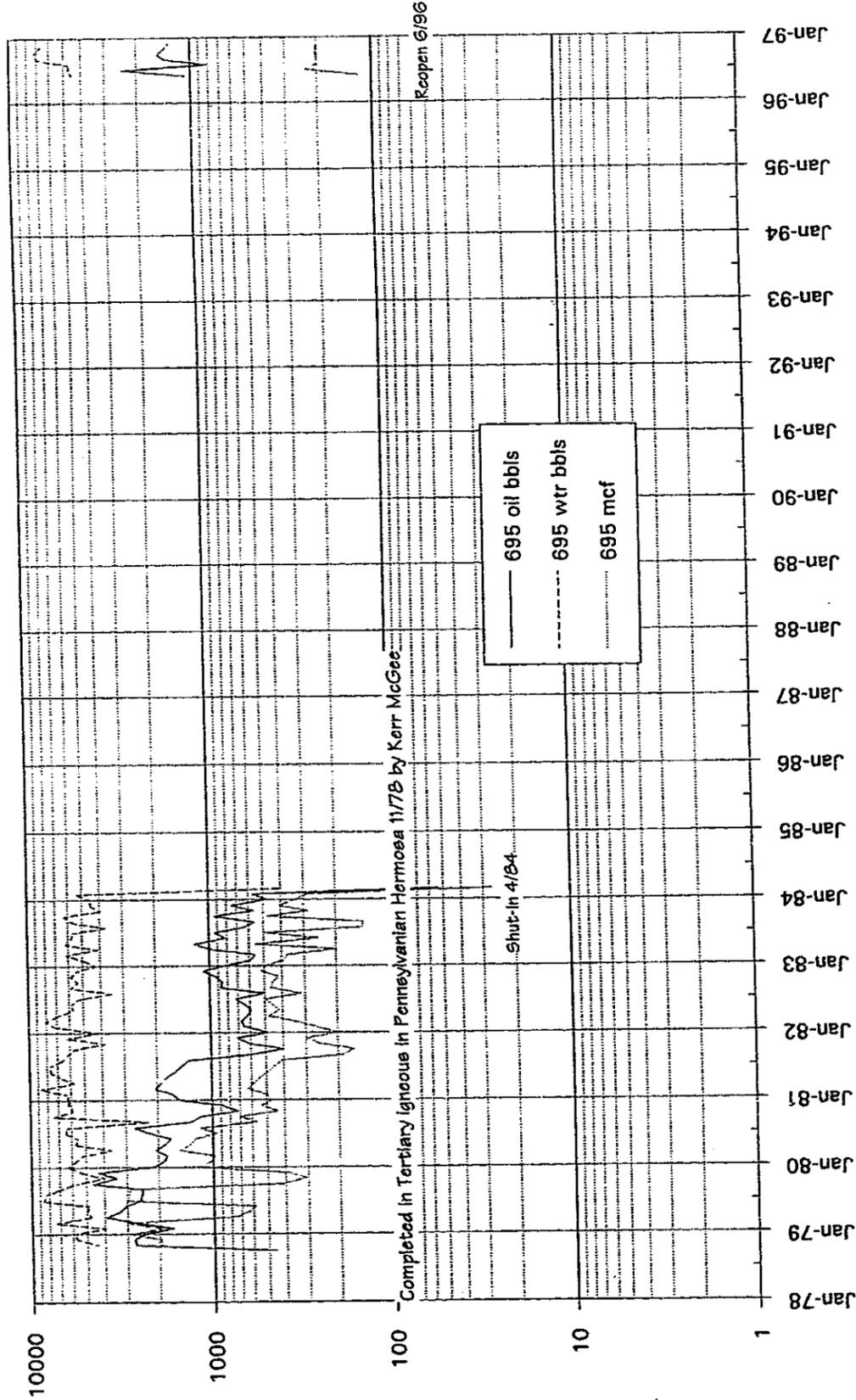
ACTIVE

Permits covered by this bond:

377	445
384	446
385	484
386	506
388	618
389	691
390	692
396	693
416	695
417	696
419	719
421	720
422	721
431	722
443	723

MONTHLY PRODUCTION AT 24 NAVAJO (695), ARIZONA: NOV 1978 - DEC 1996

nw nw 32-36n-30e, Dineh-bi-Keyah Field, Apache County





Fife Symington
Governor

State of Arizona
Arizona Geological Survey

845 North Park Avenue, #100
Tucson, Arizona 85719
(602) 882-4795



Larry D. Fellows
Director and State Geologist

June 8, 1994

Ms. Judy Burkhart
Mountain States Petroleum Corporation
P. O. Box 1936
Roswell, New Mexico 88201

Dear Ms. Burkhart:

This will acknowledge receipt of your letter of June 6, which included a change of operator form for each of the 31 Kerr-McGee Corporation wells at the Dineh-bi-Keyah Field sold to Mountain States Petroleum Corporation. Our records indicate that the Navajo #B-1 was plugged and abandoned by Kerr-McGee Corporation in October 1993.

Please note that our records indicate a different API number than the one you have recorded on your forms for the following wells:

<u>Well</u>	<u>API #</u>
Navajo 01	02-001-20001
Navajo 03X	02-001-20011
Navajo 04	02-001-20009
Navajo 10	02-001-20042
Navajo 14	02-001-20040
Navajo 15	02-001-20041

Sincerely,

Steven L. Rauzi
Oil & Gas Program Administrator

UNITED STATES DEPARTMENT OF THE INTERIOR
MINERALS MANAGEMENT SERVICE
ROYALTY MANAGEMENT PROGRAM

CHANGES TO REPORTER INFORMATION

OLD INFORMATION:
MMS OPERATOR CODE: X0217
COMPANY NAME: KERR MCGEE CORPORATION

NEW INFORMATION:
MMS OPERATOR CODE: X0274
COMPANY NAME: MOUNTAIN STATES PETROLEUM CORP
CONTACT NAME: RUBY WICKERSHAM
STREET ADDRESS: 213 E FOURTH
CITY: ROSWELL
STATE: NM ZIP CODE: 88201
PHONE: 505 623-7184
AREA CODE

COMPLETE IF APPLICABLE:
 I AM NO LONGER AN OPERATOR OF INDIAN OR FEDERAL PROPERTIES.
PLEASE REMOVE MY NAME FROM YOUR MAILING LIST.

COMPANY SOLD TO: _____ EFFECTIVE DATE: _____

LEASES / AGREEMENTS AFFECTED: NAVAJO # 24 (695) **AZ OIL & GAS CONSERVATION COMMISSION**

Dineh Bi Keyah Field - Apache County, Arizona JUN 8 1994

Lease #: 14-20-0603-8823 API #: 020012024400S1

COMMENTS: This property was sold to Mountain States Petroleum Corp.
and they became operator effective May 1, 1994.

SIGNATURE: Judy Burkhardt
DATE: 5/13/94

MAIL TO:
MINERALS MANAGEMENT SERVICE
ROYALTY MANAGEMENT PROGRAM
P.O. BOX 25165 MS-3122
DENVER, CO 80225

695

P. O. BOX 1936

505 623-7184

MOUNTAIN STATES PETROLEUM CORPORATION

213 EAST FOURTH STREET
ROSWELL, NEW MEXICO
88202

June 6, 1994

Arizona Geological Survey
845 North Park Avenue, #100
Tucson, Arizona, 85719

**AZ OIL & GAS
CONSERVATION COMMISSION**

JUN 8 1994

Attention: Steven L. Rauzi,
Oil & Gas Program Administrator

Re: Dineh-bi-Keyah Field
Apache County, Arizona

Dear Sir;

In followup of our May 24, 1994, letter to you relative to the change of operator from Kerr McGee to Mountain States Petroleum Corporation for the captioned field; please find enclosed a copy of the notices sent to the Minerals Management Service.

We hope this will supply the information you requested and apologize for any inconvenience we may have caused. If you have any questions or are in need of anything further please contact the undersigned. Thank you.

Sincerely,

Judy Burkhardt
Judy Burkhardt,
Secretary

Enclosures

695

P. O. BOX 1936

505 623-7184

MOUNTAIN STATES PETROLEUM CORPORATION

213 EAST FOURTH STREET
ROSWELL, NEW MEXICO
88202

May 24, 1994

Arizona Geological Survey
845 North Park Avenue, #100
Tucson, Arizona 85719

Attention: Steven L. Rauzi,
Oil & Gas Program Administrator

Re: Dineh-bi-Keyah Field
Apache County, Arizona

Dear Sir;

Please be advised that effective May 1, 1994, Mountain States Petroleum Corporation replaced Kerr-McGee as Operator of the captioned field and it's respective wells.

Listed on the attached sheet are the well names and API #'s of each well in this field, including shut-in, producing, and abandoned wells.

Please change your records to reflect that Mountain States Petroleum Corporation, Post Office Box 1936, Roswell, New Mexico, 88202-1936, (505) 623-7184, is now the operator of these properties and as such will be filing all required monthly production reports.

If you have any questions or are in need of anything further in this matter please contact the undersigned. Thank you.

Sincerely,

Judy Burkhart

Judy Burkhart,
Secretary

Attachment

CONSERVATION COMMISSION

MAY 31 1994

695



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

845 North Park Avenue, #100
Tucson, Arizona 85719
(602) 882-4795

Larry D. Fellows
Director and State Geologist

March 5, 1992

Mr. G. Bunas, Analyst II
Kerr-McGee Corporation
US Onshore Region
P. O. Box 25861
Oklahoma City, Oklahoma 73125

Re: Mechanical Integrity tests at Dineh-bi-keyah field, Arizona
Navajo 7, 9, 15, 16, 17, 24, 26, "B" 1 & 2, "C" 2, and "88" 1 & 3

Dear Mr. Bunas:

I acknowledge receipt of your sundry notices on the referenced wells. Let me take this opportunity to inform you that the Arizona Oil and Gas Conservation Commission has merged with the Arizona Geological Survey. Please note our new address and phone number in your files for future correspondence.

This office has no problem with your request to defer mechanical integrity testing on the referenced wells until late spring or early summer due to currently adverse weather conditions.

However, when you do schedule the actual dates, I hereby request at least 2 to 3 days advance notice to arrange for a representative from this office to travel to Dineh-bi-keyah to observe these tests.

Sincerely,

A handwritten signature in cursive script that reads "Steven L. Rauzi".

Steven L. Rauzi
Oil and Gas Program Administrator



OFFICE OF
Oil and Gas Conservation Commission
STATE OF ARIZONA
1645 WEST JEFFERSON, SUITE 420
PHOENIX, ARIZONA 85007
PHONE: (602) 271-5161

July 5, 1978

Mr. C. J. Breeden
District Manager, Drilling
Kerr-McGee Corporation
P.O. Box 250
Amarillo, Texas 79105

Re: Kerr-McGee Navajo No. 21
NW/SE/4 Sec. 30, T36N, R30E
Apache County, Arizona
State Permit No. 693

Kerr-McGee Navajo No. 23
NW/SW/4 Sec. 29, T36N, R30E
Apache County, Arizona
State Permit No. 694

Kerr-McGee Navajo No. 24
NW/NW/4 Sec. 32, T36N, R30E
Apache County, Arizona
State Permit No. 695

Dear Mr. Breeden:

Attached you will find your approved copy of the applications to drill, the drilling permits, and our receipt No. 1242 in the amount of \$75.00.

It will be appreciated if you will advise me prior to spudding these wells.

Very truly yours,

W. E. Allen
Director
Enforcement Section

WEA/vb

Enc.



KERR-McGEE CORPORATION

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

RECEIVED

JUL 3 1978

O & G CONS. COMM.

June 30, 1978

PHONE
806 376-7256

State of Arizona
Oil and Gas Conservation Commission
1645 W. Jefferson, Suite 420
Phoenix, Arizona 85007

RE: Application for Permit to Drill
Kerr-McGee Corporation's Navajo
Wells #21, #23, & #24, Dineh-Bi-
Keyah Field.

Gentlemen:

Kerr-McGee Corporation proposes to drill the above referenced wells. The proposed wells will be located in Sections 29, 30, and 32, T36N, R30E, G&SRM Survey, Apache County, Arizona.

Two copies of Form No. 3, "Application for Permit to Drill or Re-enter", two copies of a "Registered Surveyor's Plat", and a check in the amount of \$25.00 for the filing fee are enclosed for each well.

These wells are part of an in-fill development program designed to optimize the recovery of hydrocarbons from the Lower Hermosa formation in the Dineh-Bi-Keyah Field. By amendment to the Commission Order No. 24 dated April 21, 1978, Kerr-McGee Corporation respectfully requests the administrative approval of the enclosed applications for permission to drill the subject wells.

Should you require further information concerning the proposed wells, please call me collect at 806/376-7256.

Sincerely,

KERR-McGEE CORPORATION

C. J. Breeden
District Manager-Drilling
Southwest District - N. A.

LRB/ra

cc: Navajo Tribe

KM-1473-F

DETACH BEFORE DEPOSITING

RUSH

L. LONG T2506

REMITTANCE ADVICE

THE ENDORSE BY PAYEE OF THE DETACHED CHECK CONSTITUTE RECEIPT IN FULL FOR THE ITEMS LISTED BELOW

KERR - MCGEE CORPORATION
OIL AND GAS DIVISION

85402

MAY 5 1978

DATE		INVOICE NUMBER OR DESCRIPTION	GROSS AMOUNT		DISCOUNT		NET AMOUNT
MO.	DAY		CR.		CR.		
		FILING FEE FOR APPLICATION FOR PERMIT TO DRILL KERR-MCGEE NAVAJO WELL NO. 24, LOCATED 500' FNL & 540' FWL OF SECTION 32, T36N, R30E, G&SRM, APACHE COUNTY, AZ					25.00
		695			RECEIVED MAY 5 1978 & G CONS. COMM.		