

Scout Report sent out  
 Noted in the NID File  
 Location map pinned  
 Approval or Disapproval Letter  
 Date Completed, P. & A. or  
 operations suspended  
 Pin changed or location map  
 Affidavit and Record of A & P  
 Water Shut-Off Test  
 Gas-Oil Ratio Test  
 Well Log Filed

12-11-58 OW

FILE NOTATIONS

Entered in NID File ✓  
 Entered On SR Sheet ✓  
 Location Map Pinned ✓  
 Card Indexed ✓  
 IWR for State or Fee Land \_\_\_\_\_

Checked by Chief ✓  
 Copy NID to Field Office \_\_\_\_\_  
 Approval Letter ✓  
 Disapproval Letter \_\_\_\_\_

COMPLETION DATA:

Date Well Completed 12-11-58  
 O/W ✓ WW \_\_\_\_\_ TA \_\_\_\_\_  
 G/W \_\_\_\_\_ OS \_\_\_\_\_ PA \_\_\_\_\_

Location Inspected \_\_\_\_\_  
 Bond released \_\_\_\_\_  
 State of Fee Land \_\_\_\_\_

LOGS FILED

Driller's Log 12-26-58

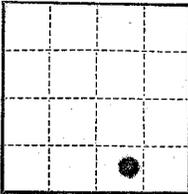
Electric Logs (No. ) 3

E \_\_\_\_\_ I \_\_\_\_\_ E-I ✓ GR \_\_\_\_\_ GR-N ✓ Micro ✓  
 Lat \_\_\_\_\_ Mi-L \_\_\_\_\_ Sonic \_\_\_\_\_ Others \_\_\_\_\_

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

Contract No. 14-90-603-4037



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee \_\_\_\_\_

Lease No. \_\_\_\_\_

Lease No. 106501

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Navajo Tribe "W" Lease Fort Worth, Texas, September 30, 1958.

Well No. 1 is located 600 ft. from N line and 1000 ft. from E line of sec. 10

SW/4 SE/4, Sec. 10  
(1/4 Sec. and Sec. No.)

41-South 24-East 24A  
(Twp.) (Range) (Meridian)

Undesignated  
(Field)

San Juan  
(County or Subdivision)

Utah  
(State or Territory)

The elevation of the derrick floor above sea level is 4504 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

OBJECTIVE FORMATION	SIZE CASING	CASING PROGRAM (APPROX.)
		Set at
Top of Aneth 5380'	8-5/8" (1500') 24.0# New	1500'
	5-1/2" (5475') 14.0# New	5475'
		1000' 500' 500' 500' 500' 500'

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company THE TEXAS COMPANY  
P.O. BOX 1720  
Address Fort Worth, Texas

THE TEXAS COMPANY

By J. J. Volter  
J. J. Volter  
Title Division Civil Engineer

R-24-E

Navajo Tribal Lands

Phillips - Aztex Lse. "B"

Sec. 10

Navajo Tribe "W"

The Texas Co. Lse.  
240 Ac.

780'

1860'

620'

Navajo Tribal Lands

Lessee Unknown

Sec. 11

T  
41  
S

Sec. 15

Navajo Tribal Lands  
Phillips - Aztex Lse.

Sec. 14

Navajo Tribal Lands  
Superior Lse.

SAN JUAN COUNTY, UTAH  
Scale 1" = 1000'

This is to certify that the courses, distances and objects reflected on the plat to which this certificate is affixed were observed and compiled under my supervision and, according to my best knowledge and belief, are true and correct.

J. J. Helton

Division Civil Engineer  
The Texas Company

Registered Professional Engineers - State of Texas

October 3, 1958

The Texas Company  
P. O. Box 1720  
Fort Worth 1, Texas

Attention: J. J. V<sub>e</sub>lten, Division Civil Engineer

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo Tribe W -1, which is to be located 620 feet from the south line and 1860 feet from the east line of Section 10, Township 41 South, Range 24 East, S1E1M, San Juan County, Utah.

Please be advised that insofar as this office is concerned, approval to drill said well is hereby granted.

This approval terminates within 90 days if the above mentioned well has not been spudded in within said period.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT  
SECRETARY

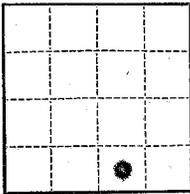
CBF:co

cc: Phil McGrath  
USGS, Farmington,  
New Mexico

7

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee

Lease No. 14-20-603-4037

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	<b>XX</b>
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Navajo Tribe

November 26, 1958

Well No. 1 is located 620 ft. from N line and 1620 ft. from E line of sec. 10

SE 1/4 of Section 10  
(1/4 Sec. and Sec. No.)

41-S  
(Twp.)

24-E  
(Range)

51M  
(Meridian)

Undesignated  
(Field)

San Juan  
(County or Subdivision)

Utah  
(State or Territory)

The elevation of the derrick floor above sea level is 4501 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Total depth 5520'. Plugged back depth 5484'.

Perforated 5-1/2" casing from 5416' to 5426' with 4 jet shots per foot. Acidized perforations with 1000 gallons regular 15% acid. Perforated 5-1/2" casing from 5330' to 5336', 5340' to 5346', 5362' to 5362' and 5392' to 5404' with 4 jet shots per foot. Ran 3" tubing to 5346' with packer set at 5154' and acidized all perforations with 4000 gallons regular 15% acid in 3 stages using 300 gallons of sol block.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company THE TEXAS COMPANY

Address BOX 917

FARGINGTON, NEW MEXICO

By

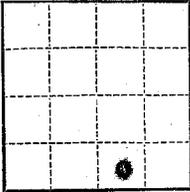
Title

Dist. Supt.

26 4

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo



**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

Allottee \_\_\_\_\_

Lease No. 14-80-601-4037

**SUNDRY NOTICES AND REPORTS ON WELLS**

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	<input type="checkbox"/>
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	<input type="checkbox"/>
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	<input type="checkbox"/>
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	<input type="checkbox"/>
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	<input type="checkbox"/>
NOTICE OF INTENTION TO ABANDON WELL		<input type="checkbox"/>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

**Navajo Tribe**

**November 26,** \_\_\_\_\_, 19 **58**

Well No. 1 is located 620 ft. from 134 line and 1820 ft. from E line of sec. 10

SE 1/4 of Section 10  
(1/4 Sec. and Sec. No.)

4-S  
(Twp.)

24-E  
(Range)

SLM  
(Meridian)

Undesignated  
(Field)

San Juan  
(County or Subdivision)

Utah  
(State or Territory)

The elevation of the derrick floor above sea level is 4501 ft.

**DETAILS OF WORK**

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

**Drilled 7-7/8" hole to 5520' and cemented 5510' of 5-1/2" O.D. casing at 5520' with 250 sacks of cement. Top of cement 4400'. Tested casing with 1000# pressure for 30 minutes. Tested OK.**

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Texas Company

Address Box 817

Farmington, New Mexico

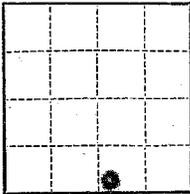
By \_\_\_\_\_

Title Dist. Supt.

Handwritten initials and number '5' in the bottom left corner.

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee \_\_\_\_\_

Lease No. 14-20-603-4237

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL _____	SUBSEQUENT REPORT OF WATER SHUT-OFF _____	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS _____	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING _____	<input type="checkbox"/>
NOTICE OF INTENTION TO TEST WATER SHUT-OFF _____	SUBSEQUENT REPORT OF ALTERING CASING _____	<input type="checkbox"/>
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL _____	SUBSEQUENT REPORT OF REDRILLING OR REPAIR _____	<input type="checkbox"/>
NOTICE OF INTENTION TO SHOOT OR ACIDIZE _____	SUBSEQUENT REPORT OF ABANDONMENT _____	<input type="checkbox"/>
NOTICE OF INTENTION TO PULL OR ALTER CASING _____	SUPPLEMENTARY WELL HISTORY _____	<input type="checkbox"/>
NOTICE OF INTENTION TO ABANDON WELL _____		<input type="checkbox"/>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

**Navajo Tribe**

**November 26,** 19**58**

Well No. 1 is located 620 ft. from XX line and 1820 ft. from E line of sec. 10

SE 1/4 of Section 10 (1/4 Sec. and Sec. No.)      41-S (Twp.)      24-E (Range)      SLM (Meridian)

Undesignated (Field)      San Juan (County or Subdivision)      Utah (State or Territory)

The elevation of the derrick floor above sea level is 4501 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Spudded 5:00 P.M., October 11, 1958.

Drilled 17-1/4" hole to 116' and cemented 94' of 13-1/8" O.D. casing at 115' with 250 sacks of cement. Cement circulated.

Drilled 11" hole to 1507' and cemented 1495' of 8-5/8" O.D. casing at 1506' with 1300 sacks of cement. Cement circulated. Tested casing with 800' pressure for 30 minutes. Tested OK.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Texas Company

Address Box 517

Farmington, New Mexico

By \_\_\_\_\_

Title Dist. Supt.

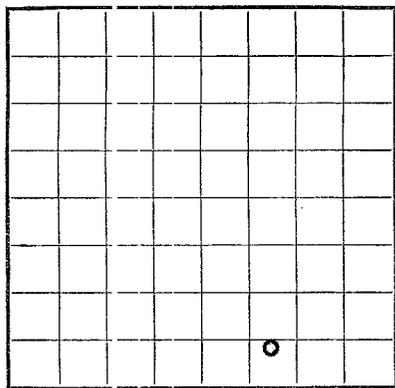
W

CONFIDENTIAL

U. S. Geol. Survey Bureau No. 42-R355.4. Approval expires 12-31-60.

Form 9-33)

U. S. LAND OFFICE Navajo  
SERIAL NUMBER 14-20-603-4037  
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company The Texas Company Address Box 817, Farmington, N. M.  
Lessor or Tract Navajo Tribe "W" Field Undesignated State Utah  
Well No. 1 Sec. 10 T. 41-S R. 24-E Meridian SLM County San Juan  
Location 520 ft. N. of S Line and 1820 ft. W. of E Line of Section 10 Elevation 4501'  
(Derriek floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Date November 26, 1958 Title Dist. Sup't.  
*[Signature]*

The summary on this page is for the condition of the well at above date.

Commerced drilling October 11, 1958. Finished drilling November 7, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)  
No. 1, from 5330' to 5426' No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

No. 1, from 612' to 892' No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From-	To-	
13-3/8	48	8R	Smls	94	None	None			
8-5/8	24	8R	Smls	1495	Baker	None			
5-1/2	14	8R	Smls	5510	Baker	None			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	115	250	Halliburton		
8-5/8	1507	1300	Halliburton		
5-1/2	5520	250	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material None Length -- Depth set --  
Adapters—Material None Size --

SHOOTING RECORD

FOLD MARK

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
<b>None</b>						

**TOOLS USED**

Rotary tools were used from 0 feet to 5520 feet, and from -- feet to -- feet  
 Cable tools were used from None feet to -- feet, and from -- feet to -- feet

**DATES**

Put to producing Tested Nov. 11, 19 58

The production for the first 24 hours was 1620 barrels of fluid of which 99% was oil; 1% emulsion; --% water; and --% sediment. Gravity, °Bé. 42°

If gas well, cu. ft. per 24 hours -- Gallons gasoline per 1,000 cu. ft. of gas --  
 Rock pressure, lbs. per sq. in. --

**EMPLOYEES**

O. H. Davenport, Driller Freeman Smith, Driller  
Glenn Mitchum, Driller

**FORMATION RECORD**

FROM--	TO--	TOTAL FEET	FORMATION
0	116	116	Sand & Shells
116	892	776	Sand & Shale
892	1567	675	Sand, Red Bed & Shells
1567	2105	538	Sand & Shells
2105	2756	651	Sand & Shale
2756	2865	109	Shale & Anhydrite
2865	3427	562	Shale
3427	3575	148	Shale & Lime
3575	4300	725	Shale
4300	5290	990	Lime & Shale
5290	5466	176	Lime
5466	5520	54	Shale
<b>Total Depth 5520'</b>			
<b>Plugged Back Depth 5484'</b>			

(OVER)

NOV 1958

AMERICAN OIL FIELD SERVICE COMPANY





May 26, 1959

Texaco, Inc.  
P. O. Box 817  
Farmington, New Mexico

Attention: H. F. Longren,  
District Superintendent

Gentlemen:

On checking through our files, we find that we have never received any electric or radioactivity logs for the following wells:

Navajo Tribe W-1, SE Sec. 10, T. 41 S, R. 24 E,  
SLBM, San Juan County

Navajo Tribe W-2, SE Sec. 10, T. 41 S, R. 24 E,  
SLBM, San Juan County.

It would be greatly appreciated if you would advise us if electric or radioactivity logs were run on these two wells. If so, please forward copies of the same so that we may complete our files.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT  
EXECUTIVE SECRETARY

CBF:co

3

**CLASS OF SERVICE**  
 This is a fast message unless its deferred character is indicated by the proper symbol.

# WESTERN UNION

## TELEGRAM

**SYMBOLS**  
 DL = Day Letter  
 NL = Night Letter  
 LT = International Letter Telegram

SF-1201

W. P. MARSHALL, President

The filling time shown in the date line on domestic telegrams is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination.

LA 106

1959 OCT 1 AM 7 32

DE002 VD MDA007 LONG RX PD FAX MIDLAND TEX 1 808AMC

GLEON B. FREIGHT, EXECUTIVE SECRETARY

UTAH OIL AND GAS CONSERVATION COMMISSION

310 NEWHOUSE BLDG SALT LAKE CITY UTAH

THIS IS TO ADVISE THAT EFFECTIVE IMMEDIATELY TEXACO INC. APPROVES THE RELEASE OF THE INFORMATION NOW HELD IN CONFIDENCE ON OUR NAVAJO TRIBE OF INDIANS W AND X LEASES IN SAN JUAN COUNTY UTAH. THIS RELEASE OF INFORMATION APPLIES TO THE W AND X LEASES ONLY AND OTHER INFORMATION PRESENTLY HELD IN CONFIDENCE FOR TEXACO SHOULD CONTINUE TO BE SO HELD

TEXACO INC J H MARKLEY DIVISION MANAGER

W X W X.

*Revised*

OCT 1 1959

2

**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  
Phillips Petroleum Company

3. ADDRESS OF OPERATOR  
P. O. Box 2920, Casper, WY 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 620' FSL & 1860' FEL, SW SE  
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 checked="" 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) <u>squeeze wet intervals</u>			

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.)\*

Test perfered intervals 5362'-83', 5393'-5404' and 5416'-26'. If wet, squeeze cement. Acidize all remaining perfs w/175 gal. 28% HCL per foot of perforated interval, and 1 lb. TLC-80/10 gals acid. (Existing perfs: 5330'-36', 5340'-48', 5362'-83', 5393'-5404' and 5416'-26'.)

**APPROVED BY THE DIVISION  
OF OIL, GAS, AND MINING**

DATE: 2-3-81  
BY: M. J. Minder

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED J. Fisher TITLE Oper. Supt. DATE January 28, 1981

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

- 3-USGS, Farmington, NM
- 2-Utah O&G CC, Salt Lake City, UT
- 1-Superior Oil, The Woodlands, TX
- 1-File

\*See Instructions on Reverse Side

5. LEASE  
14-20-603-4037

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Navajo

7. UNIT AGREEMENT NAME  
SW-I-4192

8. FARM OR LEASE NAME  
Ratherford Unit

9. WELL NO.  
10-34

10. FIELD OR WILDCAT NAME  
Greater Aneth

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 10-T41S-R24E

12. COUNTY OR PARISH | 13. STATE  
San Juan | Utah

14. API NO.  
43-037-16166

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
4501' RKB

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

**RECORDED**

JAN 30 1981

DIVISION OF  
OIL, GAS & MINING

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  
**Phillips Petroleum Company**

3. ADDRESS OF OPERATOR  
**P. O. Box 2920, Casper, Wyoming 82602**

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: **620' FSL & 1860' FEL, SW SE**  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

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

5. LEASE  
**14-20-603-4037**

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

7. UNIT AGREEMENT NAME  
**SW-I-4192**

8. FARM OR LEASE NAME  
**Ratherford Unit**

9. WELL NO.  
**10-34**

10. FIELD OR WILDCAT NAME  
**Greater Aneth**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**Sec. 10-T415-R24E**

12. COUNTY OR PARISH | 13. STATE  
**San Juan | Utah**

14. API NO.  
**43-037-16166**

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
**4501' RKB**

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 checked="" 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"/>

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

(other) **Squad Wet Intervals & Re-Perforated**

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.)\*

**March 24, 1981 through May 26, 1981**

Hallib squeezed perfs 5330-5426' OA w/279 sx Class B Cmt at 3500 psi. Drld out cmt to New PBD 5355'. Acidized w/2000 gal 28% HCL. McCullough perforated 5330-5334' and 5341-5347', 2 JSPF, using 2" Omega Jet Tbg Gun. All shots fired. Howco spotted 1000 gal 28% HCL. Displd w/65 bbls salt wtr, 2 BPM at 2400 psi. ISIP 2900, 5 min 2200, 10 min 1850, 15 min 1250. Started Pumping at 3:00 pm, 4/18/81. Returned to a Pumping Oil Well from Desert Creek Zone I Perfs 5330-5347' OA.

**Production Before - Shut Down 7/13/79, Test Prior to SD - 41 BOPD, 23 MCFGPD, 2400 BWPD**

**Production After - 25 BOPD, 14 MCFGPD Est, 12 BWPD.**

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED *D. J. Fisher* TITLE Area Manager DATE January 14, 1982  
**D. J. Fisher**

(This space for Federal or State office use)

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

- 3 - USGS, Farmington, NM
- 2 - Utah O&G CC, Salt Lake City, UT
- 1 - Superior Oil Co., The Woodlands, TX
- 1 - File

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

98-004192

6. INDIAN ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

Ratherford Unit

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND FOOT OR WILDCAT

N/A

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

See Attached

12. COUNTY OR PARISH 13. STATE

San Juan Utah

OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Phillips Oil Company

3. ADDRESS OF OPERATOR  
P.O. Box 2920, Casper, WY 82602

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

14. PERMIT NO.  
See Attached

15. ELEVATIONS (Show whether of, ft, or, etc.)

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)
- FULL OR ALIEN CASING
- MULTIPLE COMPLETE
- ABANDON
- CHANGE PLANS

SUBSEQUENT REPORT OF:

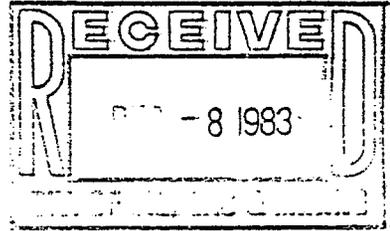
- WATER SHUT-OFF
- FRACTURE TREATMENT
- SHOOTING OR ACIDIZING
- (Other)
- REPAIRING WELL
- ALTERING CASING
- ABANDONMENT

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

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

To show change of Operator only. Phillips Oil Company assumed operations effective December 1, 1983 from Phillips Petroleum Company. See attached for list of wells.

100  
10-34



- Org. & 3-BLM
- 1-The Navajo Nation
- 1-Mary Wiley Black
- 1-Lawrence E. Brock
- 1-Chevron USA
- 1-Ralph Fixel
- 1-Royal Hogan
- 1-W. O. Keller
- 1-Dee Kelly Corp.
- 1-Robert Klabzuba
- 1-Michael J. Moncrief
- 1-Richard B. Moncrief
- 1-Lee W. Moncrief
- 1-Mary H. Morgan
- 1-W. A. Moncrief
- 1-W. A. Moncrief, Jr.
- 1-L. F. Peterson
- 1-Shell Oil Co.
- 1-Southland Royalty Co.
- 1-Superior Oil Co.
- 1-Leroy Shave
- 1-Texaco, Inc.
- 1-Wade Wiley, Jr.
- 1-Edwin W. Word, Jr.
- 1-File

18. I hereby certify that the foregoing is true and correct  
SIGNED A. F. Stuart TITLE Area Manager DATE 12/6/83

(This space for Federal or State office use)

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

\*See Instructions on Reverse Side

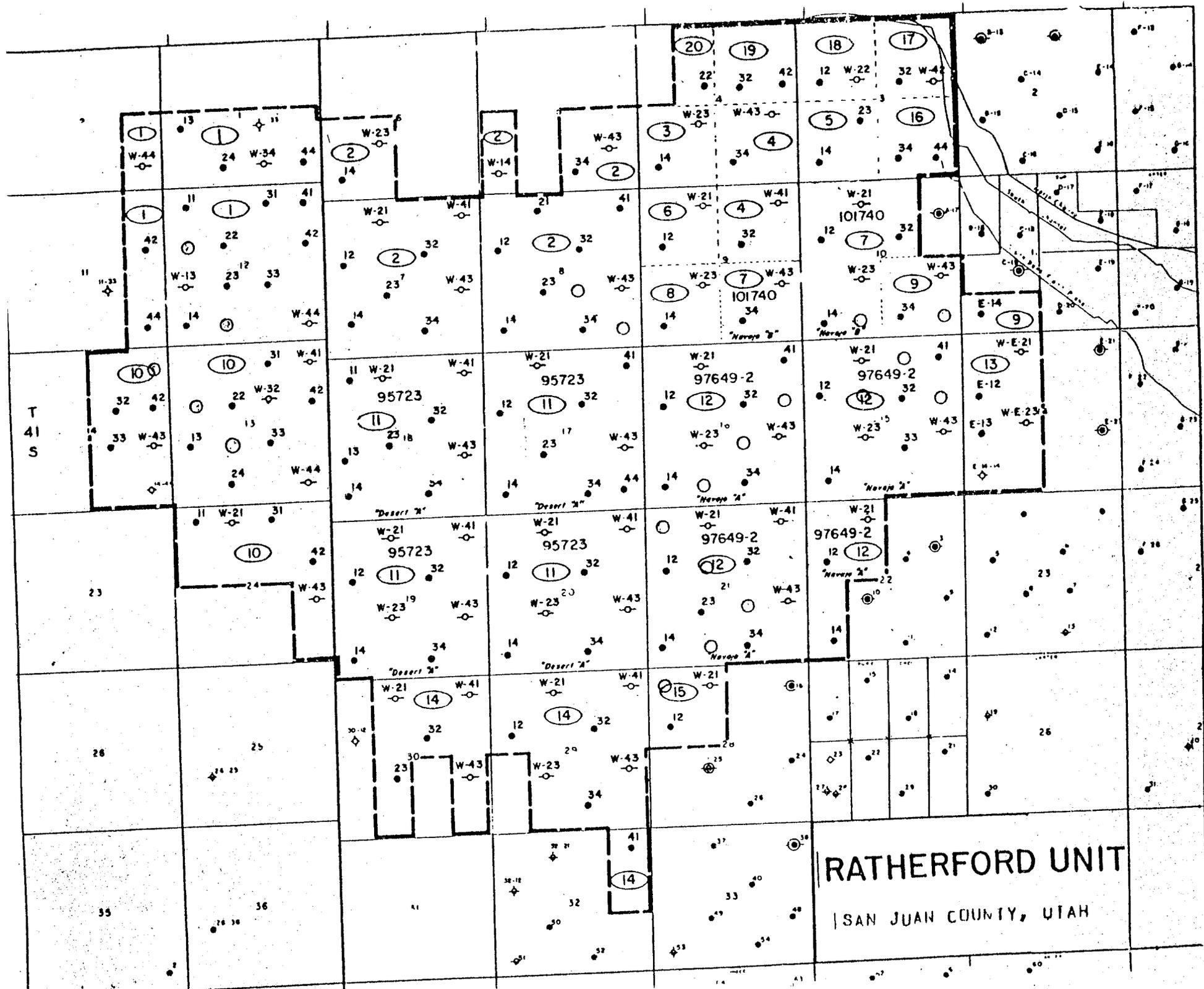
WELL NO.WELL LOCATIONAPI NO.STATUS

8-43	SW SE Sec.8-T41S-R24E	43-037-15996	Act.
8-41	NE NE Sec.8-T41S-R24E	43-037-15997	Act.
9-12	SW NW Sec.9-T41S-R24E	43-037-15126	Act.
9-14	SW SW Sec.9-T41S-R24E	43-037-15127	Act.
9-32	SW NE Sec.9-T41S-R24E	43-037-16165	Act.
9-34	SW SE Sec.9-T41S-R24E	43-037-15711	Act.
10-12	SW NW Sec.10-T41S-R24E	43-037-15712	Act.
10-14	SW SW Sec.10-T41S-R24E	43-037-15713	Act.
10-32	SW NE Sec.10-T41S-R24E	43-037-15714	Act.
10-34	SW SE Sec.10-T41S-R24E	43-037-16166	Act.
E14W21	NE NW Sec.14-T41S-R24E	43-037-16408	SI
E14W23	NE SW Sec.14-T41S-R24E	43-037-16409	SI
1W34	SW SE Sec.1-T41S-R23E	43-037-16385	SI
2W44	SE SE Sec.2-T41S-R23E	43-037-16386	Act.
3W22	SE NW Sec.3-T41S-R24E	43-037-16387	SI
3W42	SE NE Sec.3-T41S-R24E	43-037-16388	SI
4W23	NE SW Sec.4-T41S-R24E	43-037-16389	SI
4W43	NE SE Sec.4-T41S-R24E	43-037-16390	SI
5W14	SW SW Sec.5-T41S-R24E	43-037-16391	SI
5W43	NE SE Sec.5-T41S-R24E	43-037-16392	Act.
6W23	NE SE Sec.6-T41S-R24E	43-037-16393	SI
7W21	NE NW Sec.7-T41S-R24E	43-037-16394	SI
7W41	NE NE Sec.7-T41S-R24E	43-037-15990	Act.
7W43	NE SE Sec.7-T41S-R24E	43-037-16395	Act.
8W43	NE SE Sec.8-T41S-R24E	43-037-16396	Act.
9W21	NE NW Sec.9-T41S-R24E	43-037-16397	SI
9W23	NE SW Sec.9-T41S-R24E	43-037-16398	Act.
9W41	NE NE Sec.9-T41S-R24E	43-037-16399	Act.
9W43	NE SE Sec.9-T41S-R24E	43-037-16400	Act.
10W21	NE NW Sec.10-T41S-R24E	43-037-16401	Act.
10W23	NE SW Sec.10-T41S-R24E	43-037-16402	Act.
10W43	NE SE Sec.10-T41S-R24E	43-037-16403	Act.
12W13	NW SW Sec.12-T41S-R23E	43-037-16404	SI
12W44	SE SE Sec.12-T41S-R23E	43-037-16405	SI
13W32	SW NE Sec.13-T41S-R23E	43-037-16406	SI
13W41	NE NE Sec.13-T41S-R23E	43-037-15856	SI
13W44	SE SE Sec.13-T41S-R23E	43-037-16407	SI
14W43	NE SE Sec.14-T41S-R23E	43-037-16410	SI
15W21	NE NW Sec.15-T41S-R24E	43-037-16411	Act.
15W23	NE SW Sec.15-T41S-R24E	43-037-16412	Act.
15W43	NE SE Sec.15-T41S-R24E	43-037-16413	Act.
16W21	NE NW Sec.16-T41S-R24E	43-037-16414	Act.
16W23	NE SW Sec.16-T41S-R24E	43-037-15722	Act.
16W43	NE SE Sec.16-T41S-R24E	43-037-16415	Act.
17W21	NE NW Sec.17-T41S-R24E	43-037-16416	Act.
17W43	NE SE Sec.17-T41S-R24E	43-037-16417	SI
18W21	NE NW Sec.18-T41S-R24E	43-037-16418	SI
18W41	NE NE Sec.18-T41S-R24E	43-037-15738	Act.
18W43	NE SE Sec.18-T41S-R24E	43-037-16419	SI
19W21	NE NW Sec.19-T41S-R24E	43-037-15741	Act.
19W23	NE SW Sec.19-T41S-R24E	43-037-15742	Act.

6. UNIT OPERATOR (Well operator)

Phillips Petroleum Company is hereby designated as Unit Operator and by signature hereto as Unit Operator agrees and consents to accept the duties of Unit Operator for the development and production of Unitized Substances as herein provided.

Taken from the Rutherford Unit Agreement.  
Operator Name Change.



**RATHERFORD UNIT**  
 | SAN JUAN COUNTY, UTAH

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

15

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  
Phillips Petroleum Company

3. ADDRESS OF OPERATOR  
P. O. Box 1150, Cortez, CO 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface 620' FSL & 1860' FEL

API# 43-037-16166

14. PERMIT NO. \_\_\_\_\_

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
4501' RKB

RECEIVED  
MAY 27 1988  
DIVISION OF  
OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.  
14-20-603-4037

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Navajo

7. UNIT AGREEMENT NAME  
SW-I-4192

8. FARM OR LEASE NAME  
Ratherford Unit

9. WELL NO.  
#10-34

10. FIELD AND POOL, OR WILDCAT  
Greater Aneth

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 10, T41S, R24E

12. COUNTY OR PARISH  
San Juan

13. STATE  
Utah

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 checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	

(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.)\*

February 12, 1988 through February 18, 1988

Move in and rig up Well Service 2/12/88. POOH with production equipment. RIH with packer on tubing workstring, set packer @ 5292'. Acidized with 1000 gal 28% HCl. Swab back load. RIH with production equipment. Release rig 2/18/88. Place well back on production 2/18/88.

Production before - 14 BOPD, 6 BWPD  
Production after - 20 BOPD, 8 BWPD

- 4 - BLM
- 2 - Utah O & G
- 1 - M. Williams, Bartlesville
- 1 - R. J. Rundt (r) Engineering
- 1 - D. C. Gill (r) Denver Files
- 1 - Cortez Office - RC
- 1 - Chieftain
- 1 - Mobil Oil
- 1 - Texaco, Inc.
- 1 - Chevron, USA

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

SIGNED J. Reno TITLE District Superintendent DATE 5/19/88

(This space for Federal or State office use)

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

\*See Instructions on Reverse Side

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

ACCOUNT NUMBER: N0772

P J KONKEL  
PHILLIPS PETROLEUM COMPANY  
5525 HWY 64 NBU 3004  
FARMINGTON NM 87401

RECEIVED

AUG 16 1993

REPORT PERIOD (MONTH/YEAR):

6 / 93

DIVISION OF  
OIL, GAS & MINING

AMENDED REPORT  (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entry	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
#21-23								
4303713754	06280	41S 24E 21	DSCR	POW	29	1374	883	58
#3-44								
4303715031	06280	41S 24E 3	DSCR	POW	30	111	94	2905
#3-14								
4303715124	06280	41S 24E 3	DSCR	POW	30	67	23	302
#9-12								
4303715126	06280	41S 24E 9	DSCR	POW	30	112	654	17363
#9-14								
4303715127	06280	41S 24E 9	DSCR	POW	30	201	315	423
#28-12								
4303715336	06280	41S 24E 28	PRDX	POW	29	112	47	2428
#29-12								
4303715337	06280	41S 24E 29	PRDX	POW	29	56	0	672
#29-32								
4303715339	06280	41S 24E 29	DSCR	POW	29	1402	287	2224
#29-34								
4303715340	06280	41S 24E 29	DSCR	POW	29	757	48	0
#30-32								
4303715342	06280	41S 24E 30	DSCR	POW	29	588	1049	3744
#3-12								
4303715620	06280	41S 24E 3	DSCR	POW	30	268	11	363
#9-34								
4303715711	06280	41S 24E 9	DSCR	POW	30	45	46	9800
#10-12								
4303715712	06280	41S 24E 10	DSCR	POW	30	45	23	1088
TOTALS						5138	3480	41370

USRA  
8-18-93

COMMENTS: Effective July 1, 1993, Phillips Petroleum Company has sold its interest in the Ratherford Unit to Mobil Exploration and Producing U.S., Incorporated, P. O. Box 633, Midland, Texas 79702. Mobil assumed operations on July 1, 1993.

I hereby certify that this report is true and complete to the best of my knowledge.

Date: 8/11/93

Name and Signature: PAT KONKEL

*Pat Konkell*

Telephone Number: 505 599-3452

WELL #	API#	LEASE #	SEC., T, R	LOCATION OF WELL
✓ 01W-13	43-037-15838	14-20-603-246A	SEC. 1, T41S, R23E	NW/SW 1980 FSL; 660 FWL
✓ 01-14	43-037-31162	14-20-603-246A	SEC. 1, T41S, R23E	SW/SW 660 FSL; 660 FWL
✓ 01W-24	43-037-15939	14-20-603-246	SEC. 1, T41S, R23E	SE/SW 651 FSL; 3300 FEL
✓ 01-34	43-037-16385	14-20-603-246A	SEC. 1, T41S, R23E	SW/SE 4147 FNL; 1980 FEL
✓ 01W-44	43-037-15840	14-20-603-246A	SEC. 1, T41S, R23E	660 FSL; 661 FEL
✓ 02W-44	43-037-16386	14-20-603-246A	SEC. 2, T41S, R23E	SE/SE 810 FNL; 5110' FWL
✓ 03-14	43-037-15124	14-20-603-5445	SEC. 3, T41S, R24E	660 FSL; 660 FEL
✓ 03-12	43-037-15620	14-20-603-6506	SEC. 3, T41S, R24E	SW/NW 2140 FNL; 660 FWL
✓ 03W-42	43-037-16388	14-20-603-6505	SEC. 3, T41S, R24E	SW/SE 1980 FNL; 660 FEL
✓ 03-44	43-037-15031	14-20-603-6504	SEC. 3, T41S, R24E	520 FSL; 820 FEL
✓ 04-14	43-037-16163	14-20-603-5446	SEC. 4, T41S, R24E	500 FSL; 600 FEL
✓ 04-34	43-037-16164	14-20-603-4035	SEC. 4, T41S, R24E	660 FSL; 1980 FEL
✓ 05-34	43-037-15983	14-20-603-368	SEC. 5, T41S, R24E	SW/SE 612 FSL; 1990 FEL
✓ 05W-43	43-037-16392	14-20-603-368	SEC. 5, T41S, R24E	1400 FSL; 990 FEL
✓ 06W-14	43-037-15984	14-20-603-368	SEC. 6, T41S, R24E	SW/SW 660; FSL; 660 FWL
✓ 06W-23	43-037-16393	14-20-603-368	SEC. 6, T41S, R24E	1830 FSL; 1895 FWL
✓ 07-11	43-037-31163	14-20-603-368	SEC. 7, T41S, R24E	NW/NW 660 FNL; 710 FWL
✓ 07W-12	43-037-15985	14-20-603-368	SEC. 7, T41S, R24E	SW/NW 2140 FNL; 585 FWL
✓ 07-13	43-037-31164	14-20-603-368	SEC. 7, T41S, R24E	NW/SW 2110 FNL; 740 FWL
✓ 07W-14	43-037-15986	14-20-603-368	SEC. 7, T41S, R24E	SW/SW 1065 FSL; 660 FWL
✓ 07W-21	43-037-16394	14-20-603-368	SEC. 7, T41S, R24E	710 FNL; 1820 FWL
✓ 07-22	43-037-31165	14-20-603-368	SEC. 7, T41S, R24E	SE/NW 1980 FNL; 1980 FWL
✓ 07W-23	43-037-15987	14-20-603-368	SEC. 7, T41S, R24E	NE/SW 1980 FSL 1980 FWL
✓ 07-24	43-037-31166	14-20-603-368	SEC. 7, T41S, R24E	SE/SW 880 FSL; 2414 FWL
✓ 07W-32	43-037-15988	14-20-603-368	SEC. 7, T41S, R23E	SW/NE 1980 FNL; 1980 FEL
✓ 07-33	43-037-31167	14-20-603-368	SEC. 7, T41S, R24E	NW/SE 2105 FSL; 1876 FEL
✓ 07W-34	43-037-15989	14-20-603-368	SEC. 7, T41S, R24E	710 FSL; 2003 FEL
✓ 07W-41	43-037-15990	14-20-603-368	SEC. 7, T41S, R24E	NE/NE 585 FNL; 770 FEL
✓ 07W43	43-037-16395	14-20-603-368	SEC. 7, T41S, R24E	2110 FSL; 660 FEL
✓ 07-44	43-037-31189	14-20-603-368	SEC. 7, T41S, R24E	SE/SE 737 FSL; 555 FEL
✓ 08-12	43-037-15991	14-20-603-368	SEC. 8, T41S, R24E	SW/NW 1909 FNL; 520 FWL
✓ 08W-14	43-037-15992	14-20-603-368	SEC. 8, T41S, R24E	745 FSL; 575 FWL
✓ 08-21	43-037-15993	14-20-603-368	SEC. 8, T41S, R24E	616 FNL; 1911 FWL
✓ 08-23	43-037-15994	14-20-603-368	SEC. 8, T41S, R24E	NE/NW 1920 FSL; 2055 FWL
✓ 08-32	43-037-15995	14-20-603-368	SEC. 8, T41S, R24E	SW/NE 1980 FNL; 1980 FEL
✓ 08-34	43-037-15996	14-20-603-368	SEC. 8, T41S, R24E	SW/SE 660 FSL; 1980 FEL
✓ 08-41	43-037-15997	14-20-603-368	SEC. 8, T41S, R24E	NE/NE 660 FNL; 660 FEL
✓ 08W-43	43-037-16396	14-20-603-368	SEC. 8, T41S, R24E	1980 FSL; 660 FEL
✓ 09W-23	43-037-16398	14-20-603-5046	SEC. 9, T41S, R24E	NW/SE 1980 FSL; 1980 FWL
✓ 09-12	43-037-15126	14-20-603-5045	SEC. 9, T41S, R24E	1865 FNL; 780 FWL
✓ 09W-21	43-037-16397	14-20-603-5045	SEC. 9, T41S, R24E	660 FNL; 2080 FWL
✓ 09-14A	43-037-15127	14-20-603-5046	SEC. 9, T41S, R24E	710 FSL; 660 FWL
✓ 09-32	43-037-16165	14-20-603-4035	SEC. 9, T41S, R24E	1980 FNL; 1980 FEL
✓ 09W-41	43-037-16399	14-20-603-4035	SEC. 9, T41S, R24E	660 FNL; 660 FEL
✓ 09W-43	43-037-16400	14-20-603-4043	SEC. 9, T41S, R24E	1980 FSL; 660 FEL
✓ 10W-23	43-037-16402	14-20-603-4043	SEC. 10, T41S, R24E	1980 FSL; 1980 FWL
✓ 10-14	43-037-15713	14-20-603-4043	SEC. 10, T41S, R24E	510 FSL; 710 FWL
✓ 10-12	43-037-15712	14-20-603-4043	SEC. 10, T41S, R24E	660 FWL; 1980 FNL
✓ 10W-21	43-037-16401	14-20-603-4043	SEC. 10, T41S, R24E	810 FNL; 1980 FWL
* 10-34	43-037-16166	14-20-603-4037	SEC. 10, T41S, R24E	620 FSL; 1860 FEL
✓ 10W-43	43-037-16403	14-20-603-4037	SEC. 10, T41S, R24E	1980 FSL; 550 FEL
✓ 11-41	43-037-31544	14-20-603-246A	SEC. 11, T41S, R23E	NE/NE 860 FNL; 350 FEL
✓ 11-42W	43-037-15841	14-20-603-246	SEC. 11, T41S, R23E	3290 FNL; 4617 FEL
✓ 11-43	43-037-31622	14-20-603-246A	SEC. 11, T41S, R23E	1980 FSL; 660 FEL
✓ 11W-44	43-037-15842	14-20-603-246A	SEC. 11, T41S, R23E	SE/SE 660 FSL; 558 FEL
✓ 12W-11	43-037-15843	14-20-603-246A	SEC. 12, T41S, R23E	NW/NW 678 FNL; 4620 FEL
✓ 12-12	43-037-31190	14-20-603-246A	SEC. 12, T41S, R23E	SW/NW 1850 FNL; 660 FWL
✓ 12W-13	43-037-16404	14-20-603-246A	SEC. 12, T41S, R23E	1980 FSL; 4620 FEL
✓ 12-14	43-037-15844	NA	SEC. 12, T41S, R23E	660 FNL; 4622 FWL
✓ 12-21	43-037-31201	14-20-603-246A	SEC. 12, T41S, R23E	NE/NW 660 FNL; 1980 FWL
✓ 12W-22	43-037-15845	14-20-603-246	SEC. 12, T41S, R23E	NA
✓ 12-23	43-037-15846	14-20-603-246A	SEC. 12, T41S, R23E	1958 FNL; 3300 FWL
✓ 12W-24	43-037-31151	14-20-603-246A	SEC. 12, T41S, R23E	775 FSL; 1980
✓ 12-32	43-037-31203	14-20-603-246A	SEC. 12, T41S, R23E	SW/NE 1820 FNL; 1820 FEL
✓ 12W-33	43-037-15848	14-20-603-246A	SEC. 12, T41S, R23E	NW/SE 1957 FSL; 1981 FEL
✓ 12-34	43-037-31126	14-20-603-246A	SEC. 12, T41S, R23E	SW/SE 675 FSL; 1905 FEL
✓ 12-41	43-037-15849	14-20-603-246A	SEC. 12, T41S, R23E	656 FNL; 660 FEL
✓ 12W-42	43-037-15850	14-20-603-246A	SEC. 12, T41S, R23E	3275 FSL; 662 FEL

PAID RECEIVED

SEP 13 1993

DIVISION OF OIL, GAS & MINING

PAID

PAID PAID

14-20-603-246

SE NW 1920 FNL 2080 FWL

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

<p><b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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.)</p>		<p>5. LEASE DESIGNATION &amp; SERIAL NO.</p>
<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p>		<p>6. IF INDIAN ALLOTTEE OR TRIBE NAME NAVAJO TRIBAL</p>
<p>2. NAME OF OPERATOR MOBIL OIL CORPORATION</p>		<p>7. UNIT AGREEMENT NAME RATHERFORD UNIT</p>
<p>3. ADDRESS OF OPERATOR P. O. BOX 633 MIDLAND, TX 79702</p>		<p>8. FARM OR LEASE NAME</p>
<p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface _____ At proposed prod. zone _____</p>		<p>9. WELL NO.</p>
<p>14. API NO.</p>		<p>10. FIELD AND POOL, OR WILDCAT GREATER ANETH</p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.)</p>		<p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA</p>
<p>12. COUNTY SAN JUAN</p>		<p>13. STATE UTAH</p>

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SEP 13 1993

DIVISION OF  
OIL, GAS & MINING

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
<p>TEST WATER SHUT-OFF <input type="checkbox"/></p> <p>FRACTURE TREAT <input type="checkbox"/></p> <p>SHOOT OR ACIDIZE <input type="checkbox"/></p> <p>REPAIR WELL <input type="checkbox"/></p> <p>(Other) _____</p>	<p>FULL OR ALTER CASING <input type="checkbox"/></p> <p>MULTIPLE COMPLETE <input type="checkbox"/></p> <p>ABANDON <input type="checkbox"/></p> <p>CHANGE PLANS <input type="checkbox"/></p>	<p>WATER SHUT-OFF <input type="checkbox"/></p> <p>FRACTURE TREATMENT <input type="checkbox"/></p> <p>SHOOTING OR ACIDIZING <input type="checkbox"/></p> <p>(Other) <u>CHANGE OF OPERATOR</u></p> <p><small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small></p>	<p>REPAIRING WELL <input type="checkbox"/></p> <p>ALTERING CASING <input type="checkbox"/></p> <p>ABANDONMENT* <input type="checkbox"/></p>
APPROX. DATE WORK WILL START _____		DATE OF COMPLETION _____	

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.)

\* Must be accompanied by a cement verification report.

AS OF JULY 1, 1993, MOBIL OIL CORPORATION IS THE OPERATOR OF THE RATHERFORD UNIT. ATTACHED ARE THE INDIVIDUAL WELLS.

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

SIGNED Shirley Dodd TITLE ENV. & REG TECHNICIAN DATE 9-8-93

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

# MONTHLY OIL AND GAS DISPOSITION REPORT

OPERATOR NAME AND ADDRESS:

*L. B. Sheffield*  
~~BRIAN BERRY~~  
~~M E P N A MOBIL~~  
~~POB 219031 1807A RENTWY~~ *P.O. DRAWER 6*  
 DALLAS TX 75221-9031 *CORTEZ, Co. 81321*

UTAH ACCOUNT NUMBER: N7370

REPORT PERIOD (MONTH/YEAR): 7 / 93

AMENDED REPORT  (Highlight Changes)

*X931006 updated. Jc*

ENTITY NUMBER	PRODUCT	GRAVITY BTU	BEGINNING INVENTORY	VOLUME PRODUCED	DISPOSITIONS				ENDING INVENTORY
					TRANSPORTED	USED ON SITE	FLARED/VENTED	OTHER	
05980	OIL			177609	177609	0			
	GAS			72101	66216	5885			
11174	OIL								
	GAS								
	OIL								
	GAS								
	OIL								
	GAS								
	OIL								
	GAS								
	OIL								
	GAS								
TOTALS					249710	243825	5885		

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SEP 13 1993

DIVISION OF  
OIL, GAS & MINING

COMMENTS: *PLEASE NOTE ADDRESS change. MOBIL ~~ASO~~ PRODUCTION REPORTS will be compiled and sent from the Cortez, Co. office IN THE FUTURE.*

I hereby certify that this report is true and complete to the best of my knowledge.

Date: 9/5/93

Name and Signature: L. B. Sheffield

Telephone Number: 303 565 2212  
244 658 2528

Sept 29, 1993

TO: Lisha Cordova - Utah Mining  
Oil & Gas

FROM: Janice Easley  
BLM Farmington, NM  
505 599-6355

Here is copy of Rutherford Unit  
Successor Operator.

4 pages including this one.

*24c Ratherford Unit (GC)*

RECEIVED  
BLM

JUL 27 AM 11:44

070 FARMINGTON, NM

Navajo Area Office  
P. O. Box 1060  
Gallup, New Mexico 87305-1060

ARES/543

JUL 26 1993

Mr. G. D. Cox  
Mobil Exploration and  
Producing North America, Inc.  
P. O. Box 633  
Midland, Texas 79702

MINERALS DIVISION
NO. 192
DATE
BY
FILED
OFFICE
STATE
ALL SUPV.
FILED

Dear Mr. Cox:

Enclosed for your information and use is the approved Designation of Operator between the Phillips Petroleum Company and Mobil Exploration and Producing North America, Inc. for the Ratherford Unit.

Please note that all other concerned parties will be furnished their copy of the approved document.

Sincerely,

ACTING Area Director

Enclosure

cc: Bureau of Land Management, Farmington District Office w/enc.  
TNN, Director, Minerals Department w/enc.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF INDIAN AFFAIRS

RECEIVED  
BLM

DESIGNATION OF OPERATOR

Phillips Petroleum Company is, on the records of the Bureau of Indian Affairs, operator of the Rutherford Unit,

JUN 27 11:44  
070 FARMINGTON, NM

AREA OFFICE: Window Rock, Arizona  
LEASE NO: Attached hereto as Exhibit "A"

and, pursuant to the terms of the Rutherford Unit Agreement, is resigning as Unit Operator effective July 1, 1993, and hereby designates

NAME: Mobil Exploration and Producing North America Inc., duly elected pursuant to the terms of the Rutherford Unit Agreement,

ADDRESS: P. O. Box 633, Midland, Texas 79702  
Attn: G. D. Cox

as Operator and local agent, with full authority to act on behalf of the Rutherford Unit lessees in complying with the terms of all leases and regulations applicable thereto and on whom the authorized officer may serve written or oral instructions in securing compliance with the Operating Regulations (43 CFR 3160 and 25 CFR 211 and 212) with respect to (described acreage to which this designation is applicable):

Attached hereto as Exhibit "A"

Bond coverage under 25 CFR 211, 212 or 225 for lease activities conducted by the above named designated operator is under Bond Number 05202782 (attach copy). Evidence of bonding is required prior to the commencement of operations.

It is understood that this designation of operator does not relieve any lessee of responsibility for compliance with the terms of the leases and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the leases.

In case of default on the part of the designated operator, the lessees will make full and prompt compliance with all regulations, lease terms, stipulations, or orders of the Secretary of the Interior or his representative.

Attached is the appropriate documentation relevant to this document.

The designated operator agrees to promptly notify the authorized officer of any change in the operatorship of said Rutherford Unit.

Phillips Petroleum Company

June 17, 1993

By: M. B. [Signature]  
Attorney-in-Fact

Mobil Exploration and Producing  
North America Inc.

June 11, 1993

By: B. D. Martiny  
Attorney-in-Fact B.D. MARTINY

[Signature] ACTING AREA DIRECTOR  
APPROVED BY TITLE DATE  
7/9/93

APPROVED PURSUANT, TO SECRETARIAL REDELEGATION ORDER 209 DM 8 AND 230 DM 3.

This form does not constitute an information collection as defined by 44 U.S.C. 3502 and therefore does not require OMB approval.

EXHIBIT "A"

ATTACHED TO AND MADE A PART OF DESIGNATION OF SUCCESSOR OPERATOR, RATHERFORD UNIT

EXHIBIT "C"

Revised as of September 29, 1992  
SCHEDULE OF TRACT PERCENTAGE PARTICIPATION

<u>Tract Number</u>	<u>Description of Land</u>	<u>Serial Number and Effective Date of Lease</u>	<u>Tract Percentage Participation</u>
1	S/2 Sec. 1, E/2 SE/4 Sec. 2, E/4 Sec. 11, and all of Sec. 12, T-41-S, R-23-E, S.L.M. San Juan County, Utah	14-20-603-246-A Oct. 5, 1953	11.0652565
2	SE/4 and W/2 SW/4 Sec. 5, the irregular SW/4 Sec. 6, and all of Sec. 7 and 8, T-41-S, R-24-E, San Juan County, Utah	14-20-603-368 Oct. 26, 1953	14.4159942
3	SW/4 of Sec. 4, T-41-S, R-24-E, San Juan County, Utah	14-20-603-5446 Sept. 1, 1959	.5763826
4	SE/4 Sec. 4, and NE/4 Sec. 9, T-41-S, R-24-E, San Juan County, Utah	14-20-603-4035 March 3, 1958	1.2587779
5	SW/4 of Sec. 3, T-41-S, R-24-E, S.L.M., San Juan County, Utah	14-20-603-5445 Sept. 3, 1959	.4667669
6	NW/4 of Sec. 9, T-41-S, R-24-E, S.L.M., San Juan County, Utah	14-20-603-5045 Feb. 4, 1959	1.0187043
7	NW/4, W/2 NE/4, and SW/4 Sec. 10, SE/4 Sec. 9, T-41-S, R-24-E, San Juan County, Utah	14-20-603-4043 Feb. 18, 1958	3.5097575
8	SW/4 Sec. 9, T-41-S, R-24-E, S.L.M. San Juan County, Utah	14-20-603-5046 Feb. 4, 1959	1.1141679
9	SE/4 Sec. 10 and S/2 SW/4 Sec. 11 T-41-S, R-24-E, San Juan County, Utah	14-20-603-4037 Feb. 14, 1958	2.6186804
10	All of Sec. 13, E/2 Sec. 14, and E/2 SE/4 and N/2 Sec. 24, T-41-S, R-23-E, S.L.M., San Juan County, Utah	14-20-603-247-A Oct. 5, 1953	10.3108861
11	Sections 17, 18, 19 and 20, T-41-S, R-24-E, San Juan County Utah	14-20-603-353 Oct. 27, 1953	27.3389265
12	Sections 15, 16, 21, and NW/4, and W/2 SW/4 Sec. 22, T-41-S, R-24-E, San Juan County, Utah	14-20-603-355 Oct. 27, 1953	14.2819339
13	W/2 Section 14, T-41-S, R-24-E, San Juan County, Utah	14-20-603-370 Oct. 26, 1953	1.8500847
14	N/2 and SE/4, and E/2 SW/4 Sec. 29, NE/4 and E/2 SE/4 and E/2 W/2 irregular Sec. 30, and E/2 NE/4 Sec. 32, T-41-S, R-24-E, San Juan County, Utah	14-20-603-407 Dec. 10, 1953	6.9924969
15	NW/4 Sec. 28, T-41-S, R24-E San Juan County, Utah	14-20-603-409 Dec. 10, 1953	.9416393
16	SE/4 Sec. 3, T-41-S, R-24-E San Juan County, Utah	14-20-0603-6504 July 11, 1961	.5750254
17	NE/4 Sec. 3, T-41-S, R-24-E San Juan County, Utah	14-20-0603-6505 July 11, 1961	.5449292
18	NW/4 Sec. 3, T-41-S, R-24-E San Juan County, Utah	14-20-0603-6506 July 11, 1961	.5482788
19	NE/4 Sec. 4, T-41-S, R24-E San Juan County, Utah	14-20-0603-7171 June 11, 1962	.4720628
20	E/2 NW/4 Sec. 4, T-41-S, R-24-E San Juan County, Utah	14-20-0603-7172 June 11, 1962	.0992482

Division of Oil, Gas and Mining  
**PHONE CONVERSATION DOCUMENTATION FORM**

Route original/copy to:

Well File \_\_\_\_\_  
\_\_\_\_\_  
(Location) Sec \_\_\_ Twp \_\_\_ Rng \_\_\_  
(API No.) \_\_\_\_\_

Suspense  
(Return Date) \_\_\_\_\_  
(To - Initials) \_\_\_\_\_

Other  
OPERATOR CHANGE

1. Date of Phone Call: 10-6-93 - Time: 9:30

2. DOGM Employee (name) L. CORDOVA (Initiated Call   
Talked to:

Name GLEN COX (Initiated Call  - Phone No. (915) 688-2114

of (Company/Organization) MOBIL

3. Topic of Conversation: OPERATOR CHANGE FROM PHILLIPS TO MOBIL "RATHERFORD UNIT".  
(NEED TO CONFIRM HOW OPERATOR WANTS THE WELLS SET UP - MEPNA AS PER BIA APPROVAL  
OR MOBIL OIL CORPORATION AS PER SUNDRY DATED 9-8-93?)

4. Highlights of Conversation: \_\_\_\_\_

MR. COX CONFIRMED THAT THE WELLS SHOULD BE SET UNDER ACCOUNT N7370/MEPNA AS  
PER BIA APPROVAL, ALSO CONFIRMED THAT PRODUCTION & DISPOSITION REPORTS WILL NOW  
BE HANDLED OUT OF THEIR CORTEZ OFFICE RATHER THAN DALLAS.

MEPNA-

PO DRAWER G

CORTEZ, CO 81321

(303)565-2212

\*ADDRESS CHANGE AFFECTS ALL WELLS CURRENTLY OPERATED BY MEPNA, CURRENTLY  
REPORTED OUT OF DALLAS (MCELMO CREEK).

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing:

1-VLC/07-94
2-DEPT 8-FILE
3-VLC
4-RJF
5-DEPT
6-PL

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold)                       Designation of Agent  
 Designation of Operator                               Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 7-1-93)

TO (new operator)	<u>M E P N A</u>	FROM (former operator)	<u>PHILLIPS PETROLEUM COMPANY</u>
(address)	<u>PO DRAWER G</u>	(address)	<u>5525 HWY 64 NBU 3004</u>
	<u>CORTEZ, CO 81321</u>		<u>FARMINGTON, NM 87401</u>
	<u>GLEN COX (915)688-2114</u>		<u>PAT KONKEL</u>
	<u>phone (303) 565-2212</u>		<u>phone (505) 599-3452</u>
	<u>account no. N7370</u>		<u>account no. N0772(A)</u>

Well(s) (attach additional page if needed):                      **\*RATHERFORD UNIT (NAVAJO)**

Name: <b>**SEE ATTACHED**</b>	API: <u>43037 16166</u>	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- Sec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Reg. 8-20-93) (6/93 Prod. Rpt. 8-16-93)*
- Sec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Reg. 8-31-93) (Rec'd 9-14-93)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_\_ If yes, show company file number: \_\_\_\_\_.
- Sec 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Sec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(O&G wells 10-6-93) (wiw's 10-26-93)*
- Sec 6. Cardex file has been updated for each well listed above. *(O&G wells 10-6-93) (wiw's 10-26-93)*
- Sec 7. Well file labels have been updated for each well listed above. *(O&G wells 10-6-93) (wiw's 10-26-93)*
- Sec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(10-6-93)*
- Sec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

**ENTITY REVIEW**

- See 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) \_\_\_\_ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

**BOND VERIFICATION (Fee wells only)**

- See / N/A 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- \_\_ 2. A copy of this form has been placed in the new and former operators' bond files.
- \_\_ 3. The former operator has requested a release of liability from their bond (yes/no) \_\_\_\_.  
Today's date \_\_\_\_\_ 19\_\_\_\_. If yes, division response was made by letter dated \_\_\_\_\_ 19\_\_\_\_.

**LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY**

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated \_\_\_\_\_ 19\_\_\_\_, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.   
*DC's 4-10-93*
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

**FILMING**

- ✓ 1. All attachments to this form have been microfilmed. Date: 11-17 19 93.

**FILING**

- See 1. Copies of all attachments to this form have been filed in each well file.
- See 2. The original of this form and the original attachments have been filed in the Operator Change file.

**COMMENTS**

931006 BIA/Btm Approved 7-9-93.

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

C/O MOBIL OIL CORP  
 M E P N A  
 PO DRAWER G  
 CORTEZ CO 81321

UTAH ACCOUNT NUMBER: N7370

REPORT PERIOD (MONTH/YEAR): 6 / 95

AMENDED REPORT  (Highlight Changes)

Well Name	API Number	Entity	Location	Producing Zone	Well Status	Days Oper	Production Volumes		
							OIL(BBL)	GAS(MCF)	WATER(BBL)
4-14	4303716163	06280	41S 24E 4	IS-DC					
4-34	4303716164	06280	41S 24E 4	IS-DC					
#10-34	4303716166	06280	41S 24E 10	DSCR					
#11-14	4303716167	06280	41S 24E 11	DSCR					
RATHERFORD UNIT 1-34	4303716385	06280	41S 23E 1	IS-DC					
NORTH DESERT CR 32-13 (13-32)	4303716406	06280	41S 23E 13	DSCR					
RATHERFORD UNIT 28-11	4303730446	06280	41S 24E 28	DSCR					
#15-42	4303730448	06280	41S 24E 15	DSCR					
#15-22	4303730449	06280	41S 24E 15	DSCR					
#10-44	4303730451	06280	41S 24E 10	DSCR					
RATHERFORD UNIT 29-31	4303730914	06280	41S 24E 29	DSCR					
RATHERFORD UNIT 20-44	4303730915	06280	41S 24E 20	DSCR					
#19-42	4303730916	06280	41S 24E 19	DSCR					
<b>TOTALS</b>									

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

I hereby certify that this report is true and complete to the best of my knowledge. Date: \_\_\_\_\_  
 Name and Signature: \_\_\_\_\_ Telephone Number: \_\_\_\_\_

# Mobil Oil Corporation

P.O. BOX 5444  
DENVER, COLORADO 80217-5444

May 14, 1986

**RECEIVED**  
MAY 16 1986

Utah Board of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Attn: R. J. Firth  
Associate Director

DIVISION OF  
OIL, GAS & MINING

## SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

On September 20, 1984, The Superior Oil Company (Superior) became a wholly owned subsidiary of Mobil Corporation. Since January 1, 1985, Mobil Oil Corporation (MOC), another wholly owned subsidiary of Mobil Corporation, has acted as agent for Superior and has operated the Superior-owned properties.

On April 24, 1986, Superior was merged with Mobil Exploration and Producing North America Inc. (MEPNA), which is also a wholly owned subsidiary of Mobil Corporation. MEPNA is the surviving company of the merger.

This letter is to advise you that all properties held in the name of Superior will now be held in the name of MEPNA; and that these properties will continue to be operated by MOC as agent for MEPNA.

Attached is a listing of all wells and a separate listing of injection-disposal wells, Designation of Agent and an organization chart illustrating the relationships of the various companies. If you have any questions or require additional documentation of this merger, please feel free to contact me at the above address or (303) 298-2577.

Very truly yours,



R. D. Baker  
Environmental Regulatory Manager

CNE/rd  
CNE8661

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File \_\_\_\_\_  
(Location) Sec \_\_\_ Twp \_\_\_ Rng \_\_\_  
(API No.) \_\_\_\_\_

Suspense  
(Return Date) \_\_\_\_\_  
(To - Initials) \_\_\_\_\_

Other  
OPER NM CHG \_\_\_\_\_  
\_\_\_\_\_

1. Date of Phone Call: 8-3-95 Time: \_\_\_\_\_

2. DOGM Employee (name) L. CORDOVA (Initiated Call )  
Talked to:

Name R. J. FIRTH (Initiated Call ) - Phone No. (      )  
of (Company/Organization) \_\_\_\_\_

3. Topic of Conversation: M E P N A / N7370

4. Highlights of Conversation: \_\_\_\_\_

OPERATOR NAME IS BEING CHANGED FROM M E P N A (MOBIL EXPLORATION AND PRODUCING  
NORTH AMERICA INC) TO MOBIL EXPLOR & PROD. THE NAME CHANGE IS BEING DONE AT  
THIS TIME TO ALLEVIATE CONFUSION, BOTH IN HOUSE AND AMONGST THE GENERAL PUBLIC.

\*SUPERIOR OIL COMPANY MERGED INTO M E P N A 4-24-86 (SEE ATTACHED).

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing:	
1-LEC	7-PL
2-LWP	8-SJ
3-DES	9-FILE
4-VLC	
5-RJF	
6-LWP	

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold)                       Designation of Agent  
 Designation of Operator                               Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 8-2-95)

TO (new operator) MOBIL EXPLOR & PROD  
 (address) C/O MOBIL OIL CORP  
PO DRAWER G  
CORTEZ CO 81321  
 phone (303) 564-5212  
 account no. N7370

FROM (former operator) M E P N A  
 (address) C/O MOBIL OIL CORP  
PO DRAWER G  
CORTEZ CO 81321  
 phone (303) 564-5212  
 account no. N7370

Well(s) (attach additional page if needed):

Name: <b>** SEE ATTACHED **</b>	API: <u>037-16166</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_\_ If yes, show company file number: \_\_\_\_\_.
- N/A 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- Lee 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (8-3-95)
- LWP 6. Cardex file has been updated for each well listed above. 8-21-95
- Lee 7. Well file labels have been updated for each well listed above. 9-28-95
- Lee 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (8-3-95)
- Lee 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Lee 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) *\* No Fee Lease Wells at this time!*

- N/A/Lee 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- 2. A copy of this form has been placed in the new and former operators' bond files.
- 3. The former operator has requested a release of liability from their bond (yes/no)     . Today's date                      19    . If yes, division response was made by letter dated                      19    .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any **fee lease** well listed above has been notified by letter dated                      19    , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested. *DTS 8/5/95*
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- 1. All attachments to this form have been microfilmed. Date: October 6 1995.

FILING

- 1. Copies of all attachments to this form have been filed in each well file.
- 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

950803 UIC F5/Not necessary!

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Designation and Serial No.  
**14-20-603-4037**

6. If Indian, Allottee or Tribe Name  
**NAVAJO TRIBAL**

7. If Unit or CA, Agreement Designation  
**RATHERFORD UNIT**

8. Well Name and No.  
**RATHERFORD 10-34**

9. API Well No.  
**43-037-16166**

10. Field and Pool, or exploratory Area  
**GREATER ANETH**

11. County or Parish, State  
**SAN JUAN UT**

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator **MOBIL PRODUCING TX & NM INC.\***  
**\*MOBIL EXPLORATION & PRODUCING US INC. AS AGENT FOR MPTM**

3. Address and Telephone No.  
**P.O. Box 633, Midland TX 79702 (915) 688-2585**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SEC. 10, T41S, R24E**  
**620' FSL & 1860' FEL**

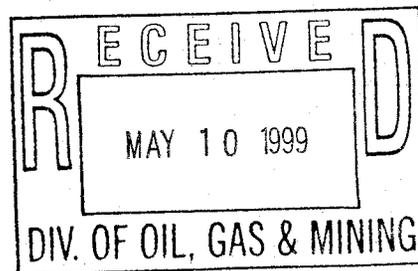
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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 <b>SHUT-IN</b>
	<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.)\*

**MOBIL REQUEST SHUT-IN STATUS FOR THIS WELL. THIS WELL IS UNECONOMICAL TO PRODUCE.**



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

Signed Shirley Houchins Title **SHIRLEY HOUCHINS/ENV & REG TECH** Date **5-05-99**

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title **COPY SENT TO OPERATOR** Date \_\_\_\_\_  
Conditions of approval, if any: \_\_\_\_\_ Initials: SH Federal Approval of this Action is Necessary

**Accepted by the  
Utah Division of**

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

**FOR RECORD ONLY**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

14-20-603-4037

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA/Agreement, Name and/or No.

RATHERFORD UNIT

8. Well Name and No.

RATHERFORD 10-34

9. API Well No.

43-037-16166

10. Field and Pool, or Exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN UT

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

MOBIL PRODUCING TX & NM INC.\*  
\*MOBIL EXPLORATION & PRODUCING US INC. AS AGENT FOR MPTM

3a. Address

P.O. Box 633, Midland TX 79702

3b. Phone No. (include area code)

(915) 688-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

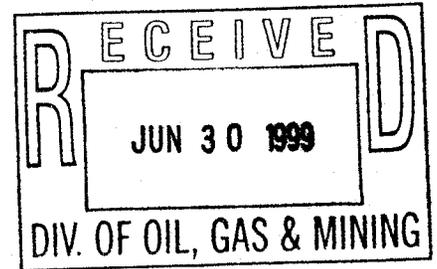
SEC. 10, T41S, R24E  
620' FSL & 1860' FEL

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"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input checked="" type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input checked="" type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Coompleted Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

SEE ATTACHED TA & MIT PROCEDURE.



14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

SHIRLEY HOUCHINS

Title

ENVIRONMENTAL & REGULATORY TECHNICIAN

Date

6-28-99

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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.

(Instructions on reverse)

# Ratherford Unit 10-34

## TA and MIT Procedure

Call Lavanna Davis (915.688.2153) after rigged up. She will update well history and wellbore diagram upon completion of operations.

1. MIRU.
2. BLOW DOWN WELL/KILL
3. UNSEAT PUMP, POOH W/ RODS/PUMP AND L/D SAME.
4. ENSURE WELL IS DEAD. ND WH. NU BOP. FUNCTION/PRESSURE TEST BOP.
5. POOH W/TBG AND TAC WHILE KEEPING HOLE FULL W/KWM. L/D TBG. HAUL TBG TO RATHERFORD YARD AND INSPECT SAME. TAKE INVENTORY OF YB AND REPORT TO DIANA SPENDLOVE (970-546-5202).
6. RIH W/ SAND LINE AND GAUGE RING. IF GAUGE RING WILL NOT PASS, MAKE SEPARATE RUN WITH BIT AND SCRAPER. CIRC HOLE CLEAN. POOH.
7. RIH W/CIBP ON WS AND SET @ 5270'. CIRC WITH PACKER FLUID. POOH.
8. RU WL. MIX 1 SX CMT & LOAD DUMP BAILER. RIH WITH DUMP BAILER ON WL AND SPOT CMT PLUG ON CIBP. POOH RD WL. WOC.
9. TEST TO 1000# FOR 30 MIN. IF HOLDS, LEAVE 1 JT @ SURF, ND BOP, NU WH. RDMO. IF LEAKS, DISCUSS NEXT STEPS W/ DAVID NEWMAN (970.564.5207), JAMES MADISON (970-564-1351) & EPA.

5. CASING LEAK SQUEEZES WILL BE DONE WITH CLASS G NEAT. SUCCESS RATE WITH THIS CEMENT FROM HALLIBURTON IS 80%. OTHER TECHNIQUES AND COMPANIES WILL NOT BE USED AS LONG AS SUCCESS RATE CONTINUES. INJECTORS HAVE TO PASS 1000#/30 MINS, PRODUCERS 500#/30 MINS. DO NOT TEST UNLESS YOU SUSPECT LEAK.
  - A. FOR SHALLOW LEAKS WITH NO CEMENT ON CASING ANNULUS, CONSIDER CUTTING OUT THE BAD SECTION OF PIPE, POH, AND TIE BACK AND CEMENT A NEW SECTION OF CASING.
  - B. FOR BLEED OFF LEAKS, SPOT CEMENT ACROSS AND ABOVE LEAK, PRESSURE UP TO 1500# UNTIL SQUEEZES. POH, SI BLINDS AND RE-PRESSURE UP TO 1500# SION W/PRESSURE ON SQUEEZE.
  - C. FOR EIR > 0.5 BPM AND LEAKS DEEPER THAN 1000' USE CMT RETAINER, SAME CEMENT. DO NOT DO NOT FAIL TO CALL OUT ENOUGH CEMENT TO SQUEEZE THE LEAK. THE EXTRA COST OF THE BULK CEMENT IS EASILY JUSTIFIED VS. THE COST OF A FAILED SQUEEZE DUE TO NOT ENOUGH CEMENT.
6. NOTIFY OPERATIONS PERSONNEL OF ANY WORK IMPACTING THEM. THIS INCLUDES ANY EMERGENCY INJECTOR SHUT-INS. DO NOT TURN PRODUCTION WELLS BACK ON, LEAVE THIS TO THE OPERATIONS PEOPLE SO THEY CAN BE SURE ALL SAFETY SHUT-DOWNS ARE ACTIVE, AND THAT SURFACE FACILITIES ARE READY FOR THE PRODUCTION. KEEP TRACK OF YOUR OWN TUBING AND OTHER MATERIALS YOU WILL NEED TO DO THE WORK.

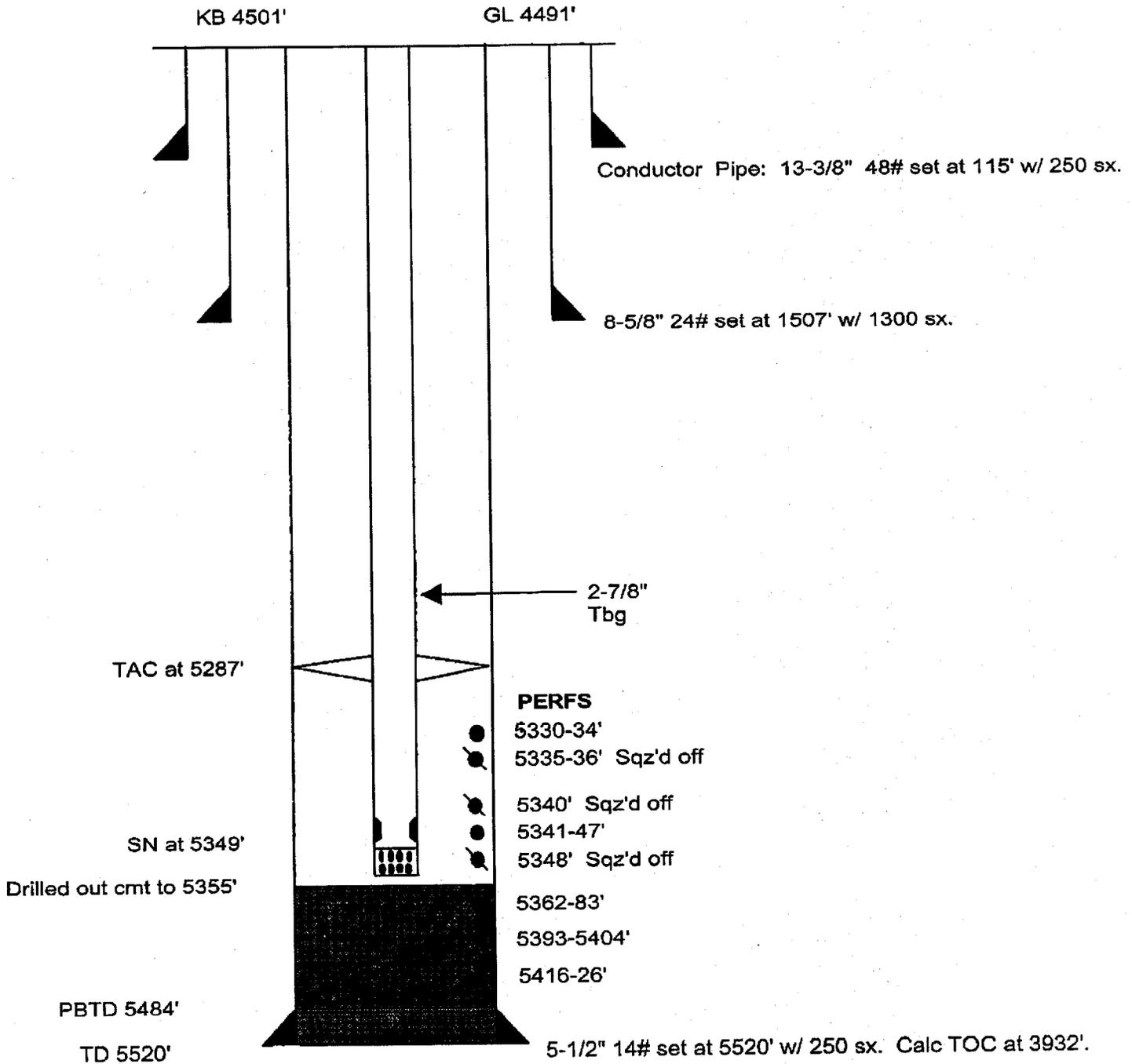
**NOTIFICATIONS FOR McELMO CREEK UNIT:**

1. MUST BE NOTIFIED FOR SPILLS, WATER OR OIL CONTACTING GROUND:  
MOBIL PRODUCTON TECH - WILSON DEE @ 970 565-1323, PAGER 505-324-4796  
MOBIL EHS TECH - LEE BENALLY @970 565-1309, PAGER 505 599-7756  
MOBIL PROD. FOREMAN - ARLENE LEE @ 970-565-1306, PAGER 505-324-4681  
MOBIL OPERATIONS ENGINEER - DAVID NEWMAN @ 970 564-5207, PAGER 505-599-7351
2. MUST BE NOTIFIED FOR ANY ACCIDENTS UP TO AND INCLUDING LOST TIME:  
MOBIL PRODUCTON TECH - WILSON DEE @ 970 565-1323, PAGER 505-324-4796  
MOBIL EHS TECH - LEE BENALLY @970-565-1309, PAGER 505-599-7756  
MOBIL PROD. FOREMAN - ARLENE LEE @ 970-565-1306, PAGER 505-324-4681  
MOBIL OPERATIONS ENGINEER - DAVID NEWMAN @ 970 564-5207, PAGER 505-599-7351

**RATHERFORD UNIT # 10-34**  
**GREATER ANETH FIELD**  
 620' FSL & 1860' FEL  
 SEC 10-T41S-R24E  
 SAN JUAN COUNTY, UTAH  
 API 43-037-16166  
 PRISM 0042974

**PRODUCER-Current**

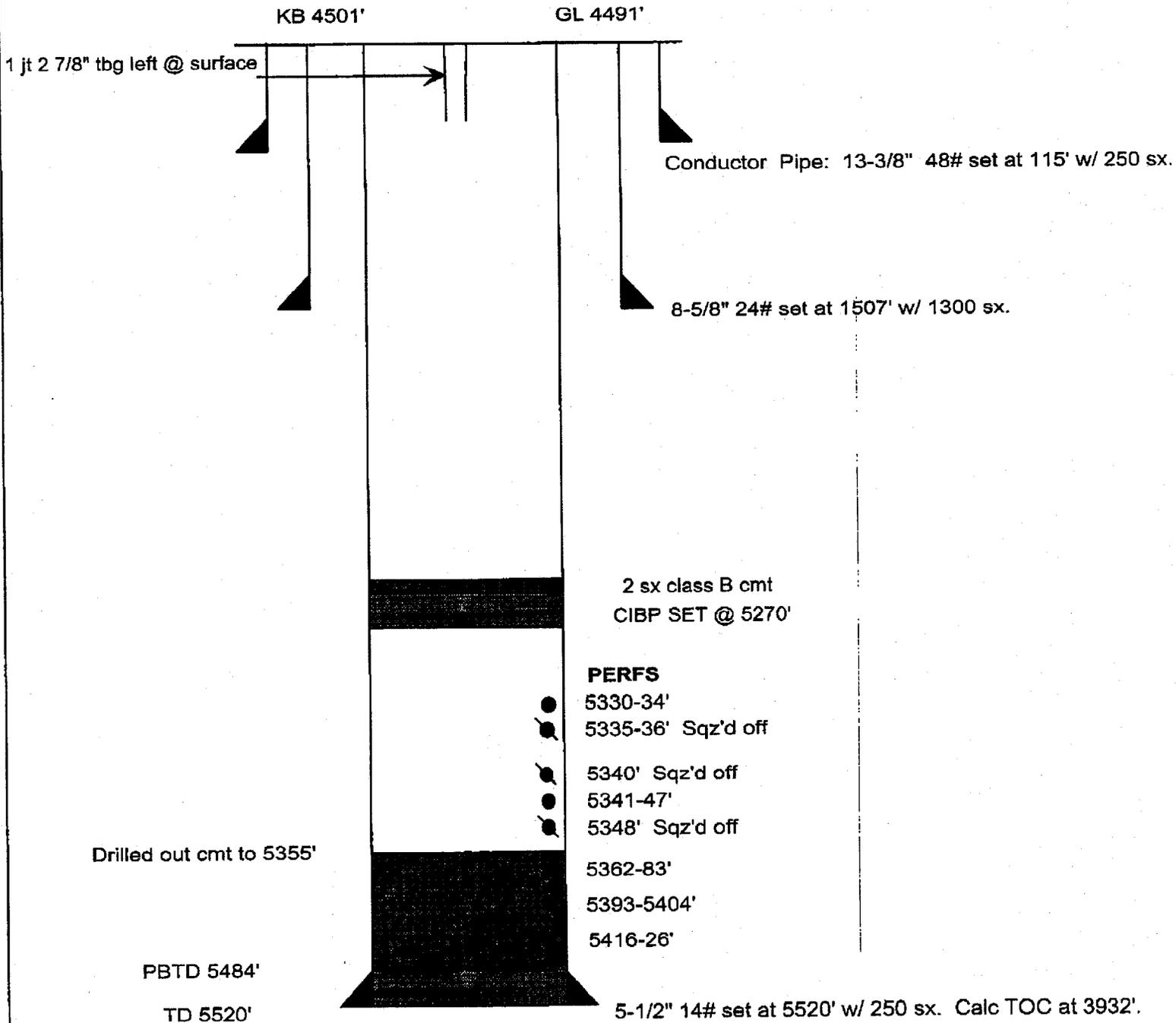
Capacities	bbl/ft	gal/ft	cuft/ft
2-7/8" 6.5#	.00579	.2431	.0325
5-1/2" 14#	.0244	1.0249	.1370
2-7/8"x5.5 14#	.0164	.6877	.0919



**RATHERFORD UNIT # 10-34**  
**GREATER ANETH FIELD**  
 620' FSL & 1860' FEL  
 SEC 10-T41S-R24E  
 SAN JUAN COUNTY, UTAH  
 API 43-037-16166  
 PRISM 0042974

**PRODUCER-Proposed**

Capacities	bbl/ft	gal/ft	cuft/ft
2-7/8" 6.5#	.00579	.2431	.0325
5-1/2" 14#	.0244	1.0249	.1370
2-7/8"x5.5 14#	.0164	.6877	.0919



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

*SUBMIT IN TRIPLICATE - Other instructions on reverse side*

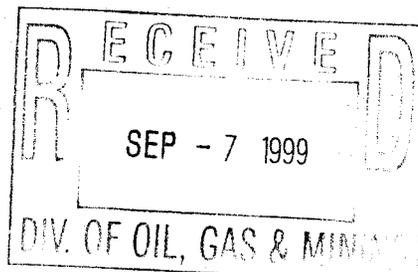
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <b>14-20-603-4037</b>
2. Name of Operator <b>MOBIL PRODUCING TX &amp; NM INC.* *MOBIL EXPLORATION &amp; PRODUCING US INC. AS AGENT FOR MPTM</b>		6. If Indian, Allottee or Tribe Name <b>NAVAJO TRIBAL</b>
3a. Address <b>P.O. Box 633, Midland TX 79702</b>	3b. Phone No. (include area code) <b>(915) 688-2585</b>	7. If Unit or CA/Agreement, Name and/or No. <b>RATHERFORD UNIT</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>SEC. 10, T41S, R24E 620' FSL &amp; 1860' FEL</b>		8. Well Name and No. <b>RATHERFORD 10-34</b>
		9. API Well No. <b>43-037-16166</b>
		10. Field and Pool, or Exploratory Area <b>GREATER ANETH</b>
		11. County or Parish, State <b>SAN JUAN UT</b>

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input checked="" type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input type="checkbox"/> Other _____

13. Describe Proposed or Coompleted Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

SEE ATTACHMENT FOR PLUG AND ABANDONED (7-26-99 -- 8-05-99)



14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) <b>SHIRLEY HOUCHINS</b>	Title <b>ENVIRONMENTAL &amp; REGULATORY TECHNICIAN</b>
<i>Shirley Houchins for</i>	Date <b>9-02-99</b>

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

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.

ATTACHMENT – FORM 3160-5  
RATHERFORD UNIT – WELL #10-34  
14-20-603-4037  
NAVAJO TRIBAL  
SAN JUAN, UTAH

- 7-26-99 MIRU KEY DDP#15, NOTIFIED CHARMAINE HESTEEEN W/NAVAJO EPA @ 11:09 AM TO DIG/LINE/FENCE/NET PIT, ATTEMPT TO UNSEAT PUMP, MANUAL BACK OFF RODS, POOH LD RODS, ND WH, ATTEMPT TO REL. TAC, NU, BOB/HYDRILL, ATTEMPT TO PUMP DN BACKSIDE PSI TO 800#, UNABLE TO WASH. SWISDFN.
- 7-27-99 CONTINUE TO WORK ON TAC RELEASE. SWISDFN.
- 7-28-99 SITP SLITE BLOW. RU WEATHERFORD WL TRUCK. STUCK @ TAC FREE @ 1963', WORKED TBG FREE CIRC TO CLEAN UP WELL, POOH PU WP/JARS/DCS ON TBG. SWISDFN.
- 7-29-99 SITP 0# CSG 20#, FINISH RIH WASH OVER, POOH W/ WP, RIH W/FISHING TOOLS, LATCHED ON JARED UNABLE TO REL. OR JAR FREE, POH W/ OS, RIH W/ OS & TBG FULL OPEN TO 1965', SWISDFN.
- 7-30-99 SI TBG 0# CSG 50 FINISHED RIH LATCHED ON TO FISH @ 2540', RU WL TRUCK RAN FREE POINT, SHOT CIRC HOLE @ 3336', ATTEMP TO CIRC WELL BORE NO CHEMICAL CUT TBG @ 3288', POH REC. 23-JTS CUT OFF PIECE, W/ WASH PIPE WASHED OVER FM. 3303-4' SWISDFD.
- 7-31-99 SI TBG 0# CSG 50#, RETURN SHOE TO 3304' WORKED & TRIED TO MAKE HOLE MADE 1" ALL, TRIP, SHOE WORN OUT, CHANGED & RETURN TO 3304', WASH/MILL FROM 3304' – 05', PULLED UP TO 40-JTS 2040' SWISDFN & SUNDAY.
- 8-1-99 SI SUNDAY
- 8-2-99 SI PRESSURE AT 07:30 WAS 20 PSI. BLEED DOWN. RIH TO 3305'. RIG UP POWER SWIVEL AND WASH OVER FISH TO 3307'. SHOE QUIT. POH AND LAY DOWN SHOE, WASH PIPE, JARS, AND DRLG. COLLARS. SIFN. **VERBAL / P&A PROCEDURE /**
- 8-3-99 SI PRESSURE AT 07:30 WAS 20 PSI. RIH WITH 5.5" PACKER TO 3203.62'. POH TO 3188.62'. SET PACKER. RIG UP AND TEST CSG. ANN. TO 500 PSI. ESTABLISHED INJECTION RATE OF .50 BBL PER/MIN. NO CIRC. AT SURFACE. MOVE PACKER UP HOLE FROM 3188.62' TO 2488' LOCATE CSG. LEAK. POH WITH TBG. AND PACKER. SIFN. CALLED B.L.M. AT 13:08 ON AUG. 3, 1999. INFORMED OF IMPENDING P&A OF RATHERFORD. TALKED TO ANSWER MACHINE. JOE SANCHEZ WITH FARMINGTON B.L.M. ON LOCATION.
- 8-4-99 SI PRESSURE AT 07:30 WAS 20 PSI. RIH WITH 5.5" CMT. RETAINER TO 3195.42'. SET CMT. RETAINER. DOWELL ESTABLISHED INJECTION RATE. SQUEEZE CSG. PERFS. UNDER RETAINER SET 3195.42' FT. 229 SXS OF CLASS 'B' CMT. WITH .1% DISPERSANT. TBG. PRESSURE OF 750 PSI. CSG. PRESSURE OF 1000 PSI. OPEN BRANDEN HEAD LAST 29 SXS OF CMT. NO CIRC. TO SURFACE. STING OUT OF RETAINER AND PUMP 12 SXS OF CLASS 'B' CMT. .1% DISPERSANT ON TOP OF RETAINER. POH TO 2530'. REVERSE CLEAN. RIH WITH 5.5" CMT. RETAINER 2438.05', SET CMT. RETAINER. DOWELL ESTABLISHED INJECTION RATE. SQUEEZE CSG. LEAK AT 2488'. UNDER RETAINER SET AT 2438.05'. WITH 25 SXS OF CLASS 'B' CMT. WITH .1% DISPERSANT TBG. PRESSURE OF 1000 PSI. CSG. PRESSURE OF 500 PSI. STING OUT OF RETAINER AND BALANCE PLUG FROM 2438.05' TO 2338'. 12 SXS OF CLASS 'B' CMT. WITH .1% DISPERSANT. POH TO 2317'. REVERSE CLEAN. RIG UP BASIN WIRELINE UNIT. RIH WITH OD CSG. GUN TO 1554'. PERF 5.5" CSG. 16 HOLES FROM 1554' TO 1557'. POH RIG DOWN BASIN. ESTABLISH CIRC. DOWN 5.5" CSG. AROUND 5.5" X 8.625" CSG. ANN. OK. RIH WITH 5.5" CMT. RETAINER TO 1285'. SET CMT. RETAINER. DOWELL ESTABLISHED INJECTION RATE. SQUEEZE 5.5" X 8.625" CSG. CMT. TO SURFACE. DOWN 2.875" OD TBG. UNDER RETAINER SET AT 1285'. WITH 405 SXS OF CLASS 'B' CMT. WITH .1% DISPERSANT TBG. PRESSURE OF 200 PSI. CSG. PRESSURE OF 0 PSI. PULL OUT OF RETAINER PUMP 5 SXS OF CLASS 'B' CMT. WITH .1% DISPERSANT ON TOP OF RETAINER. POH WITH. TO 1165'. REVERSE OUT CLEAN. DOWELL CAP OFF 5.5" CSG. WITH 20 SXS OF CLASS 'B' CMT. WITH .1% DISPERSANT. CMT. AT SURFACE. SIFN.
- 8-5-99 SI PRESSURE AT 07:30 WAS 0 PSI. CMT. TOP AT SURFACE. NIPPLE DOWN BOPE. RID DOWN MOVE OFF MONTEZUMA WELL SERVICE RIG #15. DIG OUT AROUND WELL HEAD. CUT OFF 8.625" CSG. HEAD. WELD ON P&A MARKER. FINAL P&A REPORT. CLEAN LOCATION. TURN WELL OVER TO PRODUCTION.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

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*SUBMIT IN TRIPLICATE - Other instructions on reverse side*

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator    **MOBIL PRODUCING TX & NM INC.\***  
**\*MOBIL EXPLORATION & PRODUCING US INC. AS AGENT FOR MPTM**

3a. Address    **P.O. Box 633, Midland TX 79702**    3b. Phone No. (include area code)  
**(915) 688-2585**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SEC. 10, T41S, R24E**  
**620' FSL & 1860' FEL**

5. Lease Serial No.  
**14-20-603-4037**

6. If Indian, Allottee or Tribe Name  
**NAVAJO TRIBAL**

7. If Unit or CA/Agreement, Name and/or No.  
**RATHERFORD UNIT**

8. Well Name and No.  
**RATHERFORD                      10-34**

9. API Well No.  
**43-037-16166**

10. Field and Pool, or Exploratory Area  
**GREATER ANETH**

11. County or Parish, State  
**SAN JUAN                              UT**

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"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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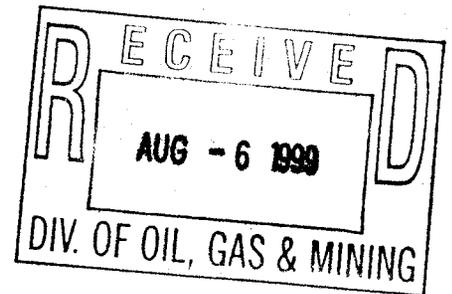
SEE ATTACHED P&A PROCEDURE.

THIS PROCEDURE HAS VERBAL APPROVAL FROM STEVE MASON WITH BLM.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**

COPY SENT TO OPERATOR  
Date: 8-24-99  
Initials: CHD

Federal Approval of this  
Action is Necessary



14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)  
**SHIRLEY HOUCHINS**

Title  
**ENVIRONMENTAL & REGULATORY TECHNICIAN**

Date **8-03-99**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by	Title	Date
<i>Steve Mason</i>	Office	

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.

(Instructions on reverse)

# Ratherford Unit 10-34

## Plug & Abandonment Procedure

### OBJECTIVE:

The well was originally planned to be TA'd. However, there was a difficulty in fishing a pump and a TAC. FMT decided to P&A this well according to BLM requirements. Notify Steve Mason (505-599-6364) with the BLM 48 hours prior to commencing P&A procedure. Document date and time of notification. Record documentation on DRS. If representatives are on location during plugging procedures, record names, dates and time and report on DRS.

**ANY CHANGES TO THIS PROCEDURE THAT WILL AFFECT THE OVERALL PROJECT COST BY MORE THAN 10% MUST BE APPROVED BY GERALD KEETSO (970-565-1302) AND PAUL HORNE (915-688-1650).**

WO RIG ON LOCATION. OPERATION IN PROGRESS.  
P&A PROCEDURE APPROVED BY (NAME, DATE, TIME)

1. RIH W/ 5-1/2" CMT RET AND WS. SET CMT RETAINER @ 3250'
2. RU CMT UNIT.
3. RIH W/ WS AND STING INTO RETAINER. STING BACK OUT TO ENSURE RETAINER IS OPERATIVE. STING BACK INTO RETAINER AND PUMP 20 BBLS OF FRESH WATER PUMP 42 BBLS OF CMT AT @ 1-2 BPM.
  - CMT = 200 SX OF CLASS "B" CMT + 0.1% D65
  - WATER REQUIREMENT = 5.2 GAL/SX => 1040 GAL (24.8 BBLS)
  - SLURRY DENSITY = 15.6 PPG
  - SLURRY VOLUME = 1.18 FT<sup>3</sup>/SX (8.83 GAL/SX) => 1766 GAL (42 BBLS)
4. OPEN BRADENHEAD AND PUMP 6.1 BBLS OF CMT.
  - CMT = 29 SX OF CLASS "B" CMT + 0.1% D65
  - WATER REQUIREMENT = 5.2 GAL/SX => 151 GAL (3.6 BBLS)
  - SLURRY DENSITY = 15.6 PPG
  - SLURRY VOLUME = 1.18 FT<sup>3</sup>/SX (8.83 GAL/SX) => 256 GAL (6.1 BBLS)
5. STING OUT OF RETAINER AND PU 30 FT. PUMP 2.52 BBLS OF CMT.
  - CMT = 12 SX OF CLASS "B" CMT + 0.1% D65
  - WATER REQUIREMENT = 5.2 GAL/SX => 631 GAL (1.49 BBLS)
  - SLURRY DENSITY = 15.6 PPG
  - SLURRY VOLUME = 1.18 FT<sup>3</sup>/SX (8.83 GAL/SX) => 106 GAL (2.52 BBLS)
6. DISPLACE WS WITH 18 BBLS OF FRESH WATER. REVERSE CIRCULATE TBG. POOH W/ WS AND LEAVE 1270' OF WS ON THE RIG FLOOR. LAY DOWN THE REST.

### Chinle Plug

7. RU WL UNIT AND RIH W/ WL AND PERF ASSEMBLY. PERFORATE FROM 1554' TO 1557' W/ 4SPF (16 SHOTS). RD WL UNIT.

8. ESTABLISH CIRCULATION TO SURFACE THROUGH 5-1/2" X 8-5/8" CSG ANNULUS. (IF NO CIRCULATION IS OBTAINED, PLEASE CONTACT RICK ADAMS TO DISCUSS.)
9. RIH W/ 5-1/2" CMT RETAINER AND WS. SET CMT RETAINER @ 1270'.
10. RIH W/ WS AND STING INTO RETAINER. STING BACK OUT TO ENSURE RETAINER IS OPERATIVE. STING BACK INTO RETAINER AND PUMP 20 BBLS OF FRESH WATER FOLLOW BY 66 BBLS OF CMT AT @ 1-2 BPM.

- CMT = 314 SX OF CLASS "B" CMT + 0.1% D65
- WATER REQUIREMENT = 5.2 GAL/SX => 1633 GAL (38.9 BBLS)
- SLURRY DENSITY = 15.6 PPG
- SLURRY VOLUME = 1.18 FT<sup>3</sup>/SX (8.83 GAL/SX) => 2773 GAL (66 BBLS)  
(10% EXCESS)

11. STING OUT OF RETAINER AND PU 30 FT. PUMP 1.1 BBLS OF CMT.

- CMT = 5 SX OF CLASS "B" CMT + 0.1% D65
- WATER REQUIREMENT = 5.2 GAL/SX => 26 GAL (0.62 BBLS)
- SLURRY DENSITY = 15.6 PPG
- SLURRY VOLUME = 1.18 FT<sup>3</sup>/SX (8.83 GAL/SX) => 44 GAL (1.1 BBLS)

12. DISPLACE WS WITH 7.4 BBLS OF FRESH WATER. REVERSE CIRCULATE TBG. POOH W/ WS AND LEAVE 6 JTS OF WS ON THE RIG FLOOR. LAY DOWN THE REST.

13. IF UNABLE TO CIRCULATE, WILL HAVE TO PERF 5-1/2" CSG @ 165' +/-

14. RIH W/ WS TO 165 FT. PUMP 4.2 BBLS OF CMT IN 3 STAGES.

- CMT = 20 SX OF CLASS "B" CMT + 0.1% D65
- WATER REQUIREMENT = 5.2 GAL/SX => 104 GAL (2.5 BBLS)
- SLURRY DENSITY = 15.6 PPG
- SLURRY VOLUME = 1.18 FT<sup>3</sup>/SX (8.83 GAL/SX) => 177 GAL (4.2 BBLS)

15. IF CSG STRINGS ARE ABOVE GROUND, CUT OFF TO GROUND LEVEL. TOP FILL ALL CSG STRINGS W/ CLASS B "NEAT" CMT. USE 1" SPAGHETTI STRING IF NECESSARY.

16. WELD ON 1/4" STEEL PLATE HAVING A 1/4" WEEP HOLE.  
THE FOLLOWING INFORMATION MUST BE STAMPED OR WELDED ONTO PLATE:

**Mobil E&P U.S. Inc.**  
**Ratherford Unit 10-34**  
**Navajo Tribal Lease # 14-20-603-4037**  
**GL: 4491'**  
**620' FSL & 1860' FEL**  
**Sec 10-T41S-R24E**  
**San Juan Co., Utah**

17. RD PU. CLEAN LOCATION. NOTIFY SHIRLEY HOUCHINS (915-688-2585) WHEN WORK IS DONE SO THAT SUNDRY NOTICE (FORM 3160-5) CAN BE FILED WITH THE BLM.

**RATHERFORD UNIT # 10-34**

GREATER ANETH FIELD

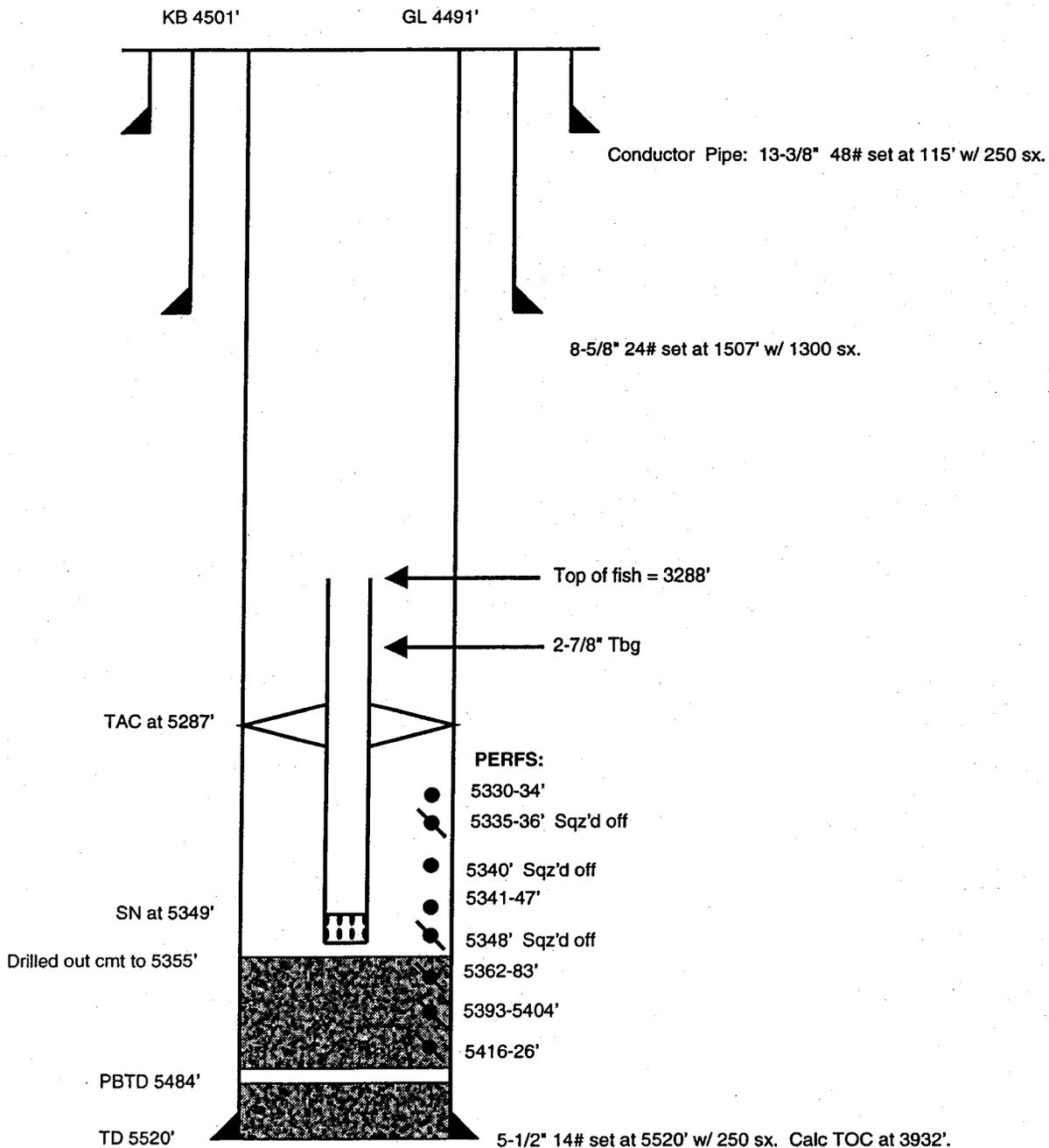
620' FSL & 1860' FEL

SEC 10-T41S-R24E

SAN JUAN COUNTY, UTAH

API 43-037-16166

PRISM 0042974



**RATHERFORD UNIT # 10-34**

GREATER ANETH FIELD

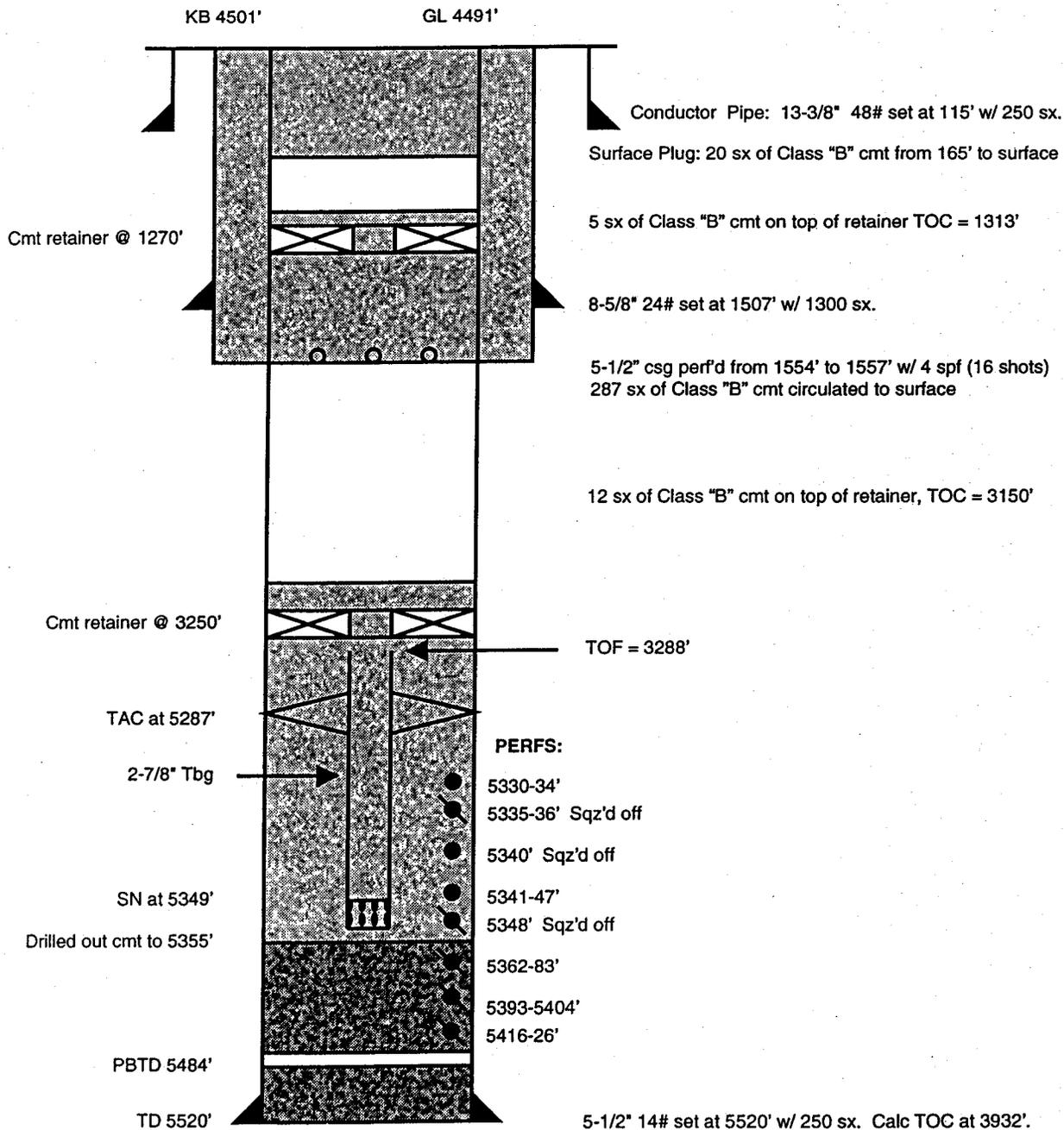
620' FSL & 1860' FEL

SEC 10-T41S-R24E

SAN JUAN COUNTY, UTAH

API 43-037-16166

PRISM 0042974



43-037.  
16166

**COMPANY** THE TEXAS COMPANY      **Location of Well**

**WELL** NAVAJO TRIBE #W-1      *C/F*

**FIELD** UNDESIGNATED

**LOCATION** SEC. 1-41S-24E  
620' FSL & 1860' FRL

**Elevation:** D.F. 4501  
or G.L.

**COUNTY** SAN JUAN

**STATE** UTAH

**FILING No.**

**RUN NO.** ONE      **GNP-C-358**  
11-6-58      **GNP-D-258**

**Date**      **First Reading** 5525      **AMP-C-562**  
**Feetage Measured** 5675      **AMP-C-62**

**Bottom Driller** 5526

**Maximum Temp., °F.** 114

**Mud: Nature** GEL. CHDM, MUD

**Viscosity**

**Density**

**Specific Gravity**

**Casing Size & Weight** 1 8 5/8 to 1312      "F"      "F"

**Open Hole** 2 0 to      "to"      "to"

**Fluid Level** 2      "to"      "to"

**Recording Speed (ft/hr)** FULL

**Sensitivity, Top** (GR)      (GR)      (GR)      (GR)

**Time Constant** (GR)      (GR)      (GR)      (GR)

**Panel** C

**Oper. Rig Time** 3 1/2 HRS.

**Code Size & Type**

**Truck No.** 2783 CORTIZ

**Observer** NEVILL

**REMARKS:** CALIBRATION BACKGROUND CPS      **TEST SOURCE CPS**      **GALV INCREASE DIVISIONS**      **PANEL SENS. TAP FOR CAL.**

REF. SURVEY	GAMMA RAY	268	632	100	400
SURVEY	NEUTRON	12	240	100	400

**AVERAGE** 268 (GR) 12 (N)      628 (GR) 239 (N)

Reproduced By  
**Four Corners Well Log Service**  
 Dallas 9, Texas

**REFERENCE** K1399E

**COMPLETION RECORD**

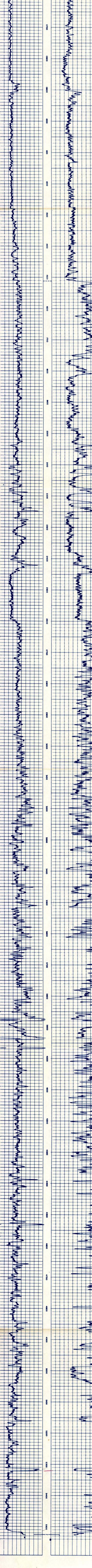
SPUD DATE \_\_\_\_\_  
 COMP DATE \_\_\_\_\_  
 DST RECORD \_\_\_\_\_

CASING RECORD \_\_\_\_\_  
 PERFORATING RECORD \_\_\_\_\_  
 ACID. FRAC. SHOT \_\_\_\_\_

I P \_\_\_\_\_  
 GOR \_\_\_\_\_ GR \_\_\_\_\_  
 T P \_\_\_\_\_ C P \_\_\_\_\_

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

<p><b>GAMMA RAY</b> MICROGRAMS RA-EQ/TON</p> <p>INTERVAL: 50 to 70 Sens. 400 T.C. 2 Logging Speed 30 ft./min. ZERO 0 div. to left</p> <p>INTERVAL: _____ to _____ Sens. _____ T.C. _____ Logging Speed _____ ft./min. ZERO _____ div. to left</p> <p>INTERVAL: _____ to _____ Sens. _____ T.C. _____ Logging Speed _____ ft./min. ZERO _____ div. to left</p>	<p><b>NEUTRON</b> STANDARD COUNTS/SECOND</p> <p>INTERVAL: 50 to 70 Sensitivity 400 Time Constant 2 Logging Speed 30 ft./min. ZERO 6 divisions to left of this line</p> <p>INTERVAL: _____ to _____ Sensitivity _____ Time Constant _____ Logging Speed _____ ft./min. ZERO _____ divisions to left of this line</p> <p>INTERVAL: _____ to _____ Sensitivity _____ Time Constant _____ Logging Speed _____ ft./min. ZERO _____ divisions to left of this line</p>
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Microfilmed by M.J. System  
Filmed from half scale paper print  
reproductions, which are available  
through Petroleum Information, Inc.  
A subsidiary of A.C. Nielson Compan

5320  
~~2501~~  
-819

HV