

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
 Phillips Petroleum 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.*)
 At surface 2030' FSL 515' FWL (NW SW)
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approximately 5 miles south of Montezuma Creek, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. unit lease line (Also to nearest drig. unit line, if any)
 515'

16. NO. OF ACRES IN LEASE
 2180 acres

17. NO. OF ACRES ASSIGNED TO THIS WELL
 40 acres

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 1180' south of #21-12

19. PROPOSED DEPTH
 5700'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4695' ungraded ground

22. APPROX. DATE WORK WILL START*
 Sept. 1983

5. LEASE DESIGNATION AND SERIAL NO.
 14-20-603-355 ✓

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.
 #21-13

10. FIELD AND POOL, OR WILDCAT
 ✓ Greater Aneth

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 21-T41S-R24E

12. COUNTY OR PARISH 13. STATE
 San Juan Utah

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	100'	150 sx Class B (to surface)
12-1/4"	9-5/8"	36#	1600'	400 sx HLC & 400 sx Class B (surface)
8-1/2"	7"	20#, 23#, & 26#	5700'	1000 sx est (T.O.C approx 2000 ft.)

Approval is requested to drill Ratherford Unit #21-13, a Desert Creek Development oil well, to increase the ultimate recovery from the Ratherford Unit.

BOP equipment will be operated daily and tested weekly.

RECEIVED
 AUG 03 1983
 DIVISION OF
 OIL, GAS & MINING

**APPROVED BY THE STATE
 OF UTAH DIVISION OF
 OIL, GAS, AND MINING**
 DATE:
 BY:

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

24. SIGNED TITLE Area Manager DATE August 2, 1983
 A. E. Stuart

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:
 5-Minerals Management Service, Farmington, NM
 2-Utah O&G CC S.L.C., Utah
 1-J.L Whitmire (r) T.C. Doughty
 1-G.W. Berk
 1-T.M. Isaacs
 1-file

***See Instructions On Reverse Side**
 Form 9-331C & location plat only - Barbara Conner
 Form 9-331C & location plat only - R. M. Coffelt

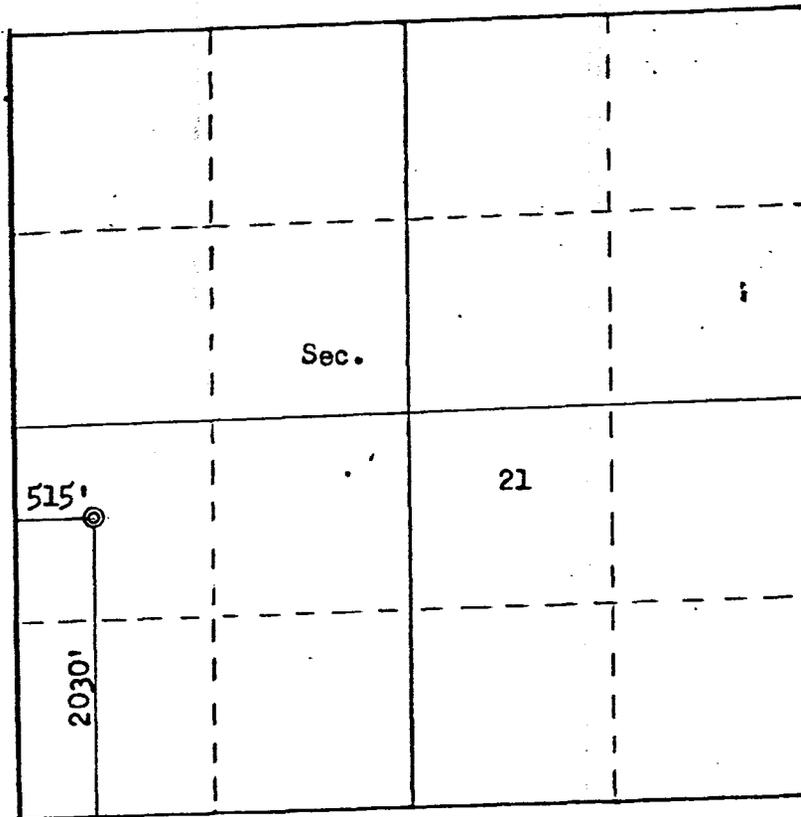
COMPANY PHILLIPS PETROLEUM COMPANY

LEASE RATHERFORD UNIT WELL NO. 21-13

SEC. 21, T 41S, R 24E

LOCATION 2030'FSL 515'FWL
San Juan County, Utah

ELEVATION 4695 ungraded ground



SCALE—4 INCHES EQUALS 1 MILE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTE OF ACTUAL SURVEYS MADE BY ME UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Fred B. Kerr Jr.
Fred B. Kerr Jr.

SEAL:

Registered Land Surveyor.

#3950

SURVEYED

February 1,

1982

FARMINGTON, N. M.



PHILLIPS PETROLEUM COMPANY

P. O. Box 2920
Casper, Wyoming 82602

August 02, 1983

Minerals Management Service
Oil & Gas
P. O. Drawer 600
Farmington, NM 87401

Re: Phillips' Ratherford Unit
San Juan County, Utah
Well #21-13
NTL-6

Gentlemen:

The following multi-point surface use and operations plan covering the drilling, completion, and operation of development well, Ratherford Unit #21-13, operated by Phillips Petroleum Company, is submitted for your approval, contingent on securing residents approval.

1. Ratherford Unit #21-13
Sec. 21-T41S-R24E
2030' FSL 515' FWL (NW, SW)
2. Elevation: 4695' ungraded ground
3. The surface formation of Well #21-13 is the Dune Sand, which consists of loose wind-blown sand, age-recent.
4. A standard rotary rig with National 50-A (or equivalent) drawworks, 127' derrick, and a 9' steel substructure of 850,000# capacity will be used.
5. The proposed drilling depth is 5700'.
6. Estimated formation tops:

Chinle	1440'
Shinarump	2270'
DeChelly	2550'
Hermosa	4490'
Paradox	5430' ✓

7. Brackish water-bearing sands are expected in the Navajo, Wingate, and DeChelly formations. Oil is expected to be encountered in the Ismay and Desert Creek formations.
8. Proposed casing and cementing program:

Surface Casing: 100' of 13-3/8", 48 lb. per foot, H-40, new condition. Cement with Class B containing 1/4# Flocele, and 3% CaCl₂, estimate 150 sx.

Intermediate Casing: 1600' of 9-5/8", 36# K-55 ST&C, new condition. Cement with "light" cement, containing 2% CaCl₂ and 1/4# Flocele. Tail in with Class B containing 2% CaCl₂ and 1/4#/sx. Flocele. Anticipated cement volume is 400 sx light and 400 sx Class B cement.

Production Casing: 5700' of 7", 26#, 23#, and 20# K-55 ST&C, new condition. Lead with "light" cement containing 10% salt, 1/4# Flocele, and 10 lbs. Gilsonite/sx. Tail in with Class B containing 3/4 of 1% CFR-2, 18% salt, and 1/4# Flocele/sx. For cement volume, caliper will be used with 15% excess. The top of cement should be around 2000'.
9. Blow-out preventer will be 10" series 900 equipment, to be tested initially to 3000 psi; inspected and operated daily and pressure tested weekly to 1500 psi. B.O.P. tests will be conducted weekly and supervised by Phillips and the drilling contractor's supervisors, and recorded on the daily drilling report which will remain on the rig floor during drilling operations. B.O.P. tests will be conducted in accordance with Phillips' standards, copy attached.
10. Drilling fluid will be a "fresh" water base mud system. Spud mud is gel and water with a weight of 8.4-8.8 ppg. From the surface to approximately 1600', gel and water will be used, with Flosal sweeps if required to run casing. Mud weight may be up to 9 ppg to control water flow from the Wingate formation. A slurry of 8.6-9.5 ppg, 32-38 viscosity, and less than 15cc/30 min. water loss will be used from 1600'-5200'. Mud weight may be increased to 10.4 ppg if a water flow is encountered. From 5200' to total depth mud properties will be 10.5-12.5 ppg, 40-45 viscosity, and below 10 cc water loss.
11. Auxiliary equipment will include upper and lower kelly cocks, a drill string safety valve, and a pit level indicator.
12. The logging program will consist of a DILL from T.D. to the surface casing, and a FDC/CNL with G.R. and caliper from T.D. to 4300'. The caliper will be pulled to surface casing. A temperature or cement bond log will be run to determine cement top. The Desert Creek and Ismay will be cored. No drill stem tests are planned.

13. No abnormal pressures and temperatures, or hydrogen sulfide are anticipated.
14. Drilling operations are estimated to take twenty-five days per well, with coring. It is planned to commence operations the third quarter of 1983.

Multi-Point Surface Use and Operations Plan

1. Existing lease roads are shown on the attached area lease road map. Access to existing lease roads is south of the town of Montezuma Creek, Utah.
2. Planned access roads are shown on the attached maps. Approximately 1300' of new lease road will be built. The road construction will be of native soil, approximately 25' wide. No fence or cattle guard crossings are required, to obtain access to the proposed drilling location.
3. Locations of existing wells are shown on the attached maps.
4. Production from the proposed well will be piped to Ratherford Unit Tank Battery #1, located in the SW SW Sec. 16-T41S-R24E San Juan County, Utah. The flowline will be of welded steel construction, visible from existing lease roads. No additions to battery equipment are anticipated.
5. ✓ Drilling water will be trucked from the NE/4 Sec. 5, River Booster, or the SE/4 Sec. 17, Injection Plant, T41S-R24E San Juan County, Utah. Existing wells will pump water thru an existing line to the proposed loading point.
6. All construction materials will be native soil originating on the proposed road and drilling location.
7. Waste materials will be disposed of in a burial pit located on the drilling location. The pit will be approximately 10' x 20' x 10' and will be fenced with small mesh wire, during drilling operations. The drilling location will be cleaned of all trash and the burial pit will be closed immediately after moving the drilling rig off location.

Drilling fluids and cuttings will be held in a fenced unlined reserve pit until dry enough to cover. Upon abandonment, the reserve pit area will be back filled, shaped to the natural topography, and seeded.

A dry chemical toilet will be used during drilling operations.

8. No ancillary facilities are required.
9. The wellsite layout is attached. Laydown of the rotary drilling rig will be to the north-east. A cross section of the drill site showing cuts and fills is attached.
10. All disturbed areas, not needed for production operations, will be shaped to the natural topography and seeded.
11. The proposed drilling location is rocky with sandy bentonite type soil, sloping to the south-east. Vegetation on the proposed location consists of sparse grass, fourwing salt brush, bitter brush and yucca.

All access roads are on the Navajo Indian Reservation. No dwellings are in the proposed drilling area.

A copy of the Archaeological Survey Report is attached.

12. Lessee's or Operator's representative:

T. M. Isaacs
Phillips Petroleum Company
P. O. Box 1150
Cortez, Colorado 81321

Phone: 303-565-3426

13. Certification:

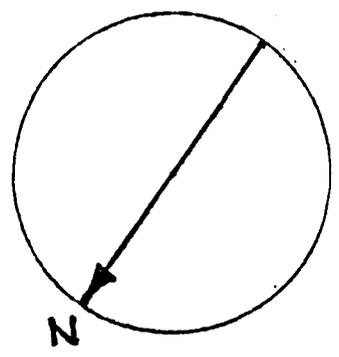
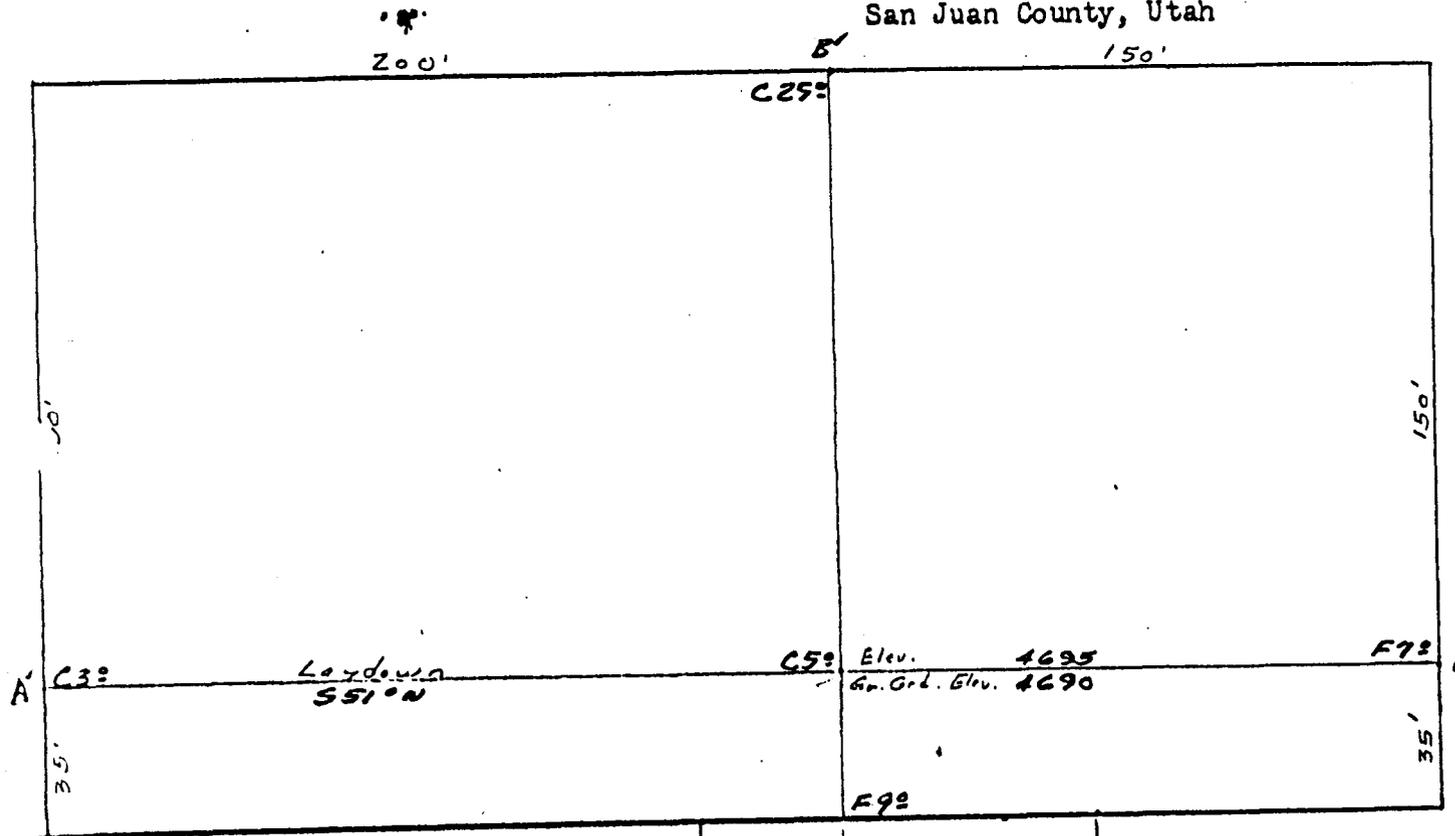
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access road; that I am familiar with the conditions which presently exist; and the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by the drilling company awarded the drilling contract and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.



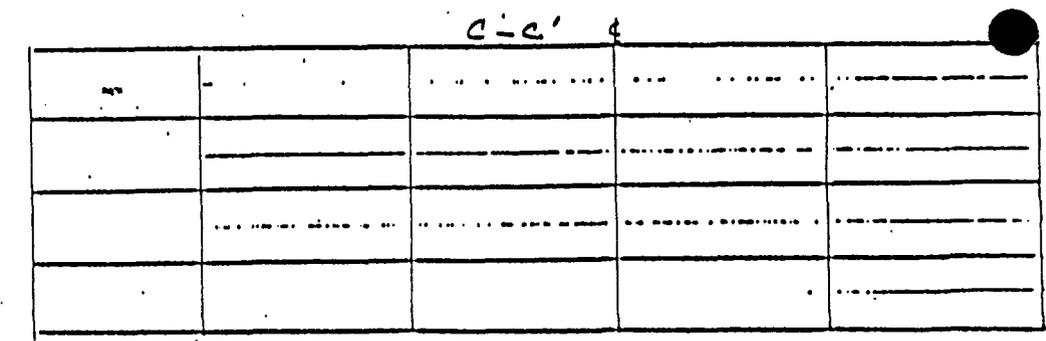
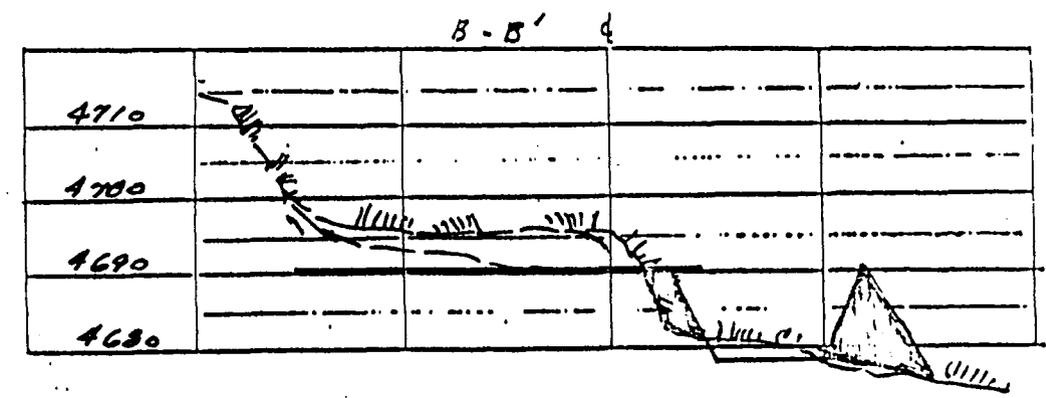
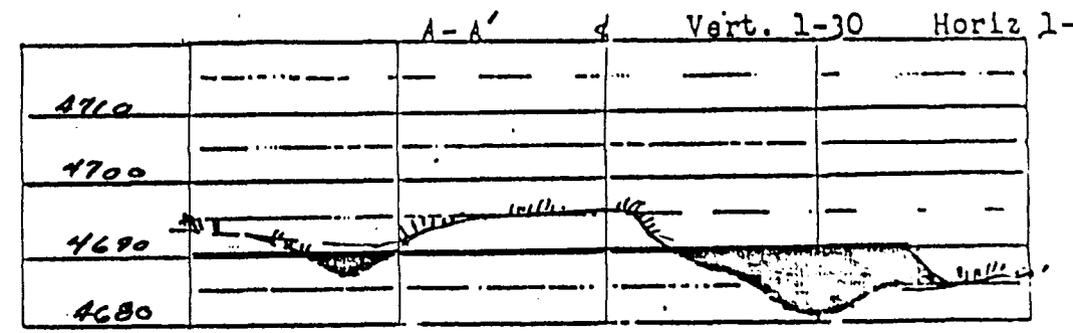
A. E. Stuart
Area Manager

Aug 3, 1983
Date

Profile for
 Phillips Petroleum Co #21-13 Ratherford Unit
 2030' FSL 515' FWL Sec. 21-T41S-R24E
 San Juan County, Utah

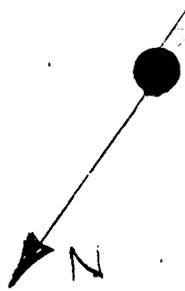


Date: _____
 Kerr Land Surveying



Kerr Land Surveying Inc.

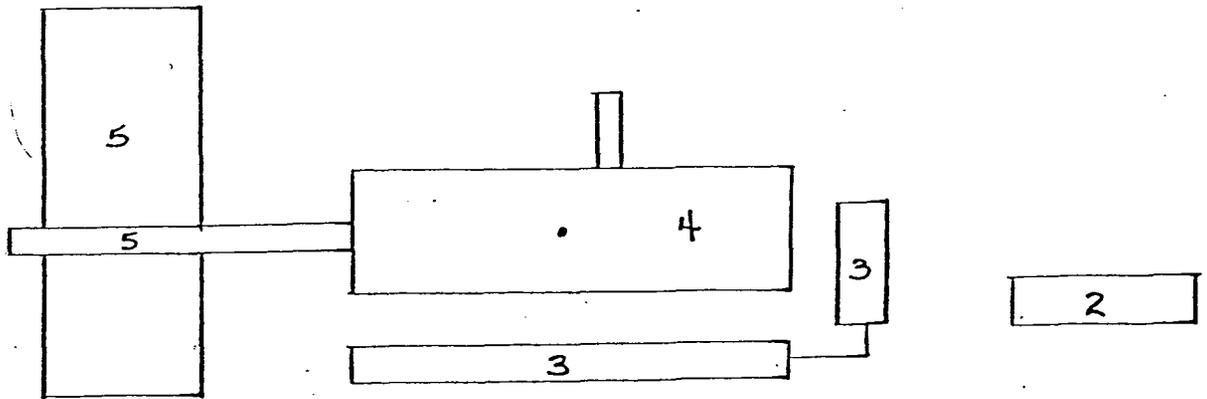
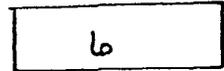
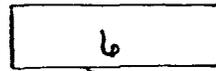
Date: February 1, 1982



RATHERFORD UNIT

21-13

NW SW SEC. 21-T41S-R24E



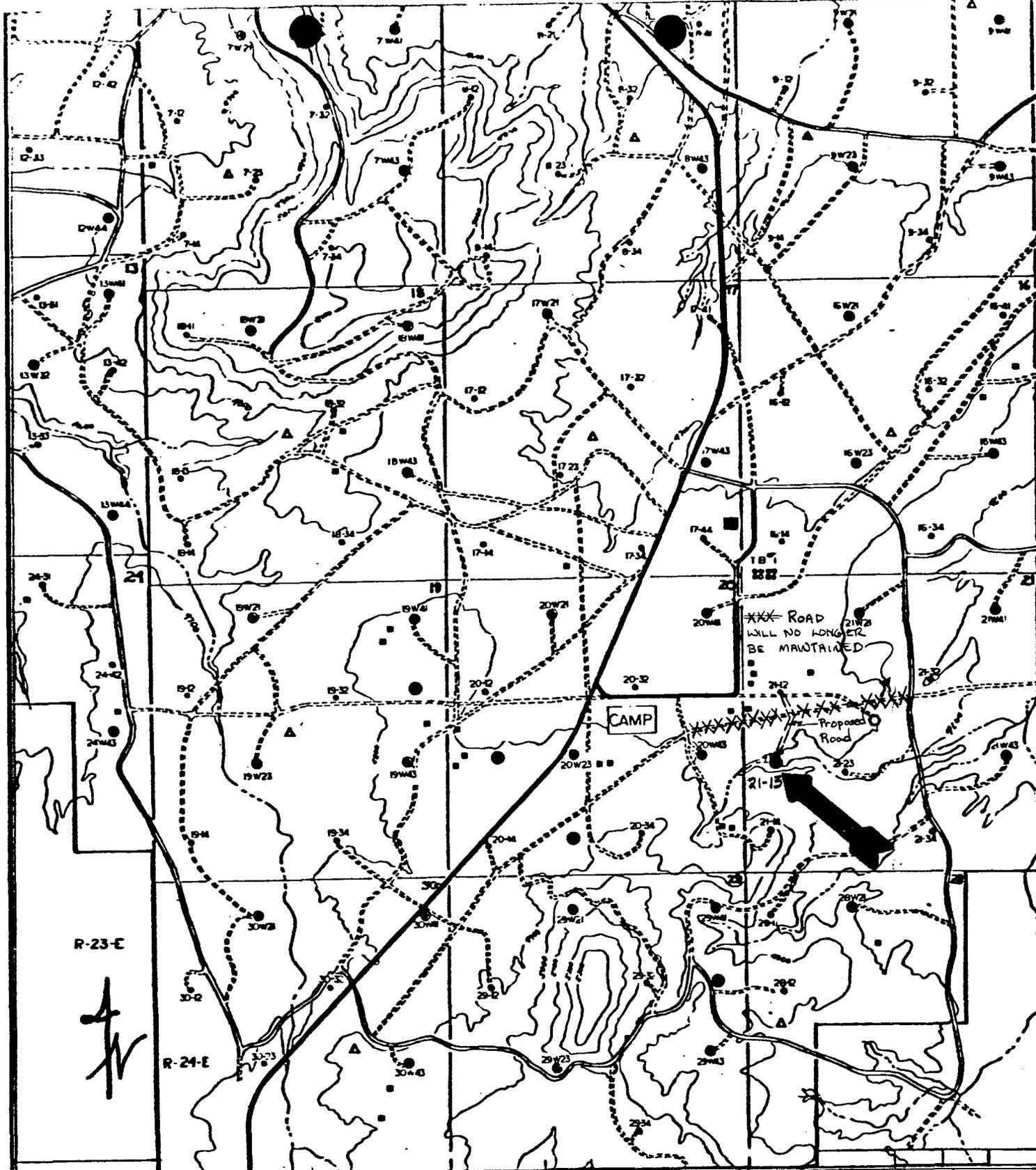
- 1. RESERVE PIT
- 2. TRASH PIT
- 3. CIR. PITS & PUMP
- 4. RIG
- 5. CAT WALK & PIPE RACKS
- 6. TRAILERS

DRILLING RIG LAYOUT

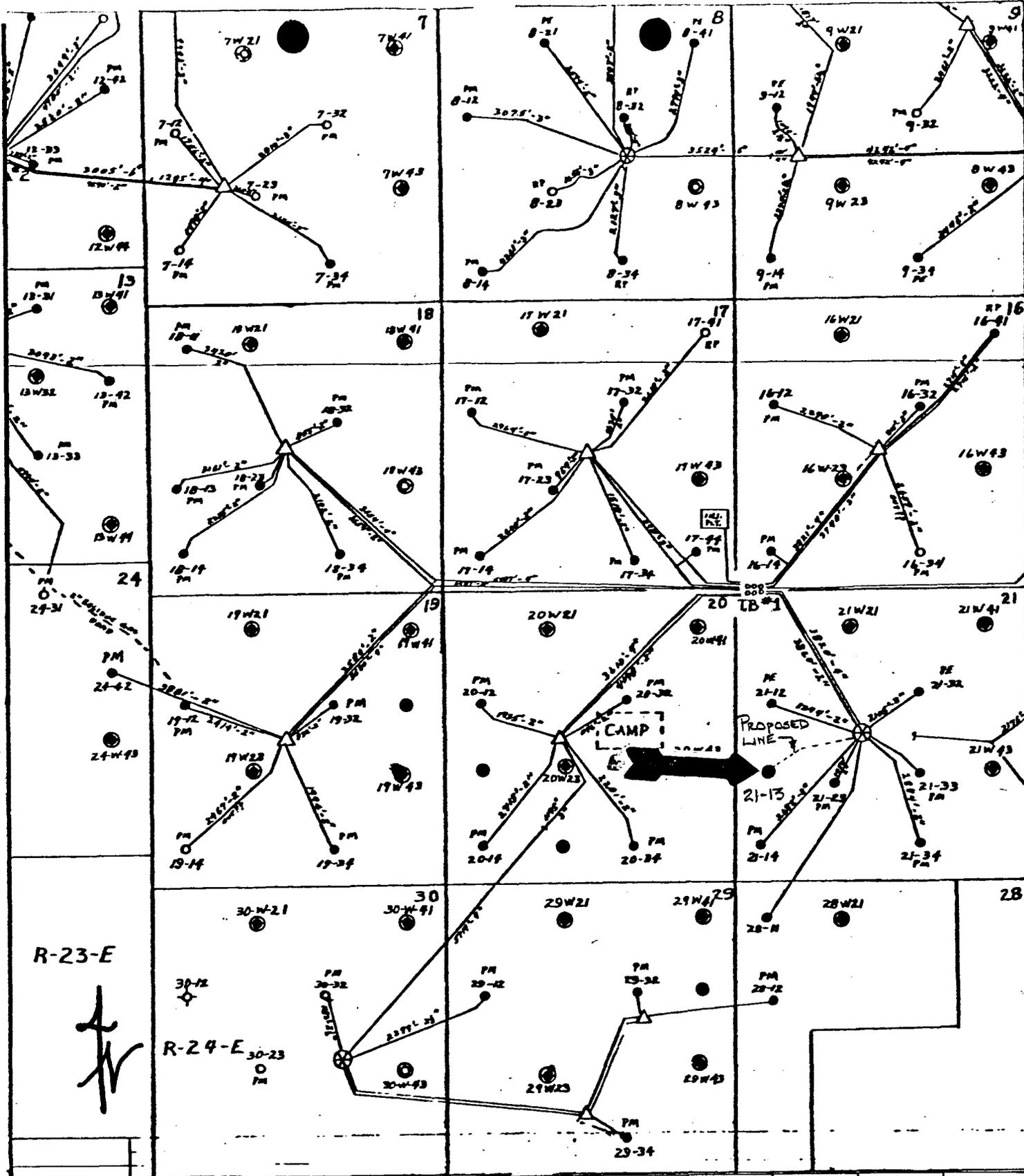
OUTLINE OF LOCATION APPROXIMATELY 250' x 350'
NOT TO SCALE



NO.	REVISION	BY	DATE	CHKD	APP'D	
FOR BIDS	PHILLIPS PETROLEUM COMPANY				JA NO.	FILE CODE
FOR APPR	 RATHERFORD UNIT WELL PROPOSED NW SW SEC. 21-T41S-R24E SAN JUAN CO., UTAH				AFE NO.	SCALE 2" = 1M.
FOR CONST					DWG NO.	SH NO.
DRAWN	CTW					
CHECKED						
APP'D						



NO.	REVISION	BY	DATE	CHKD	APP'D	
FOR BIDS	PHILLIPS PETROLEUM COMPANY				JA NO.	FILE CODE
FOR APPR	 RATHERFORD UNIT WELL 21-13 PROPOSED ROAD PLAT NW SW SEC. 21-T4S-R24E SAN JUAN CO., UTAH				AFE NO.	SCALE 2 1/4" = 1 MI.
FOR CONST					DWG NO.	SH NO.
DRAWN	CJW					
CHECKED						
APP'D						

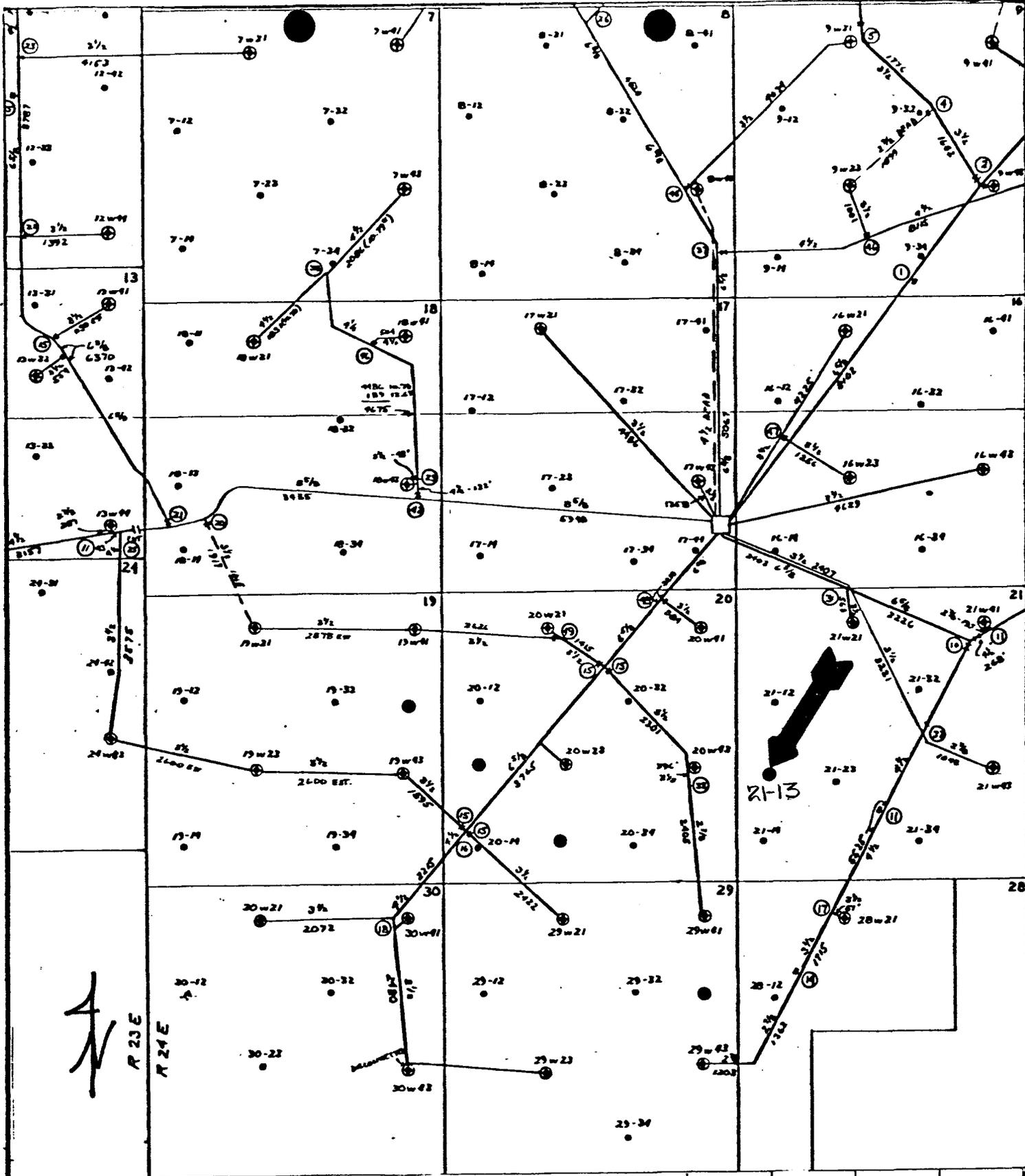


R-23-E
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R-24-E
 30-23

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FOR BIDS	 PHILLIPS PETROLEUM COMPANY 	JA NO.	FILE CODE
FOR APPR		AFE NO.	SCALE 2 1/4" = 1 MI
FOR CONST		DWG NO.	SH NO.
DRAWN	CTW	RATHERFORD UNIT WELL 2H3 PROPOSED LEAD LINE NWSW SEC. 21-T4S-R24E SAN JUAN CO., UTAH	
CHECKED			
APP'D			



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FOR BIDS	PHILLIPS PETROLEUM COMPANY				JA NO.	FILE CODE
FOR APPR	RATHERFORD UNIT WELL 2H3				AFE NO.	SCALE
FOR CONST	INJECTION LINES				2 1/4" = 1M.	
DRAWN	NW SW SEC. 21-T41S-R24E				DWG NO.	
CHECKED	SAN JUAN CO., UTAH				SH NO.	
APP'D						

Archaeological Clearance Survey

of

Seven Proposed Phillips Petroleum Company
Well Sites and Associated Access Roads
Navajo Nation, San Juan County, Utah

by

Laurens C. Hammack
Complete Archaeological Service Associates
7 North Park
Cortez, Colorado 81321
(303) 565 9229

March 15, 1982

Prepared for

Phillips Petroleum Company
22 W. North Street
Cortez, Colorado 81321

Submitted to

-Navajo Nation Cultural Resource Management Program
-Navajo Area Office, Bureau of Indian Affairs

Federal Antiquities Permit # 81-Az/NM/Ut-099
Navajo Nation Antiquities Permit # 1981-5

Management Summary

On March 8, 1982, Complete Archaeological Service Associates (CASA) conducted a cultural resource survey of seven proposed well sites and associated access roads on Navajo Nation land south of Montezuma Creek, San Juan County, Utah. This survey was requested by Phillips Petroleum Company of Cortez, Colorado.

On foot examination of all proposed impact areas yielded no significant prehistoric or historic cultural resources. Cultural resource clearance is recommended for the seven well locations described in this report.

Introduction

An archaeological clearance investigation was performed by CASA on seven proposed well sites and associated access roads on the Phillips Petroleum lease in San Juan County, Utah. This survey was requested by T.M. Issacs of Phillips Petroleum's Cortez Colorado office.

The field work was conducted by Laurens C. Hammack, Managing Director of CASA on March 8, 1982. Mr. T.M. Issacs was present during the field investigations, locating each proposed well site. This report and the cultural resource survey were completed to meet the requirements of applicable historic preservation laws and Executive Order 11593. All work was conducted under the provisions of Federal Antiquities Permit # 81-Az/NM/Ut-099 and Navajo Nation Antiquities Permit # 81-5 issued to Complete Archaeological Service Associates. Prior to performing the fieldwork, a pre-field check was made with the Navajo Nation Cultural Resource Office and the Navajo Area Office of the Bureau of Indian Affairs on March 5, 1982.

Methodology

The well locations were clearly staked and an area of 350' x 350' was surveyed with the well being centrally located in this area. Each location was walked in a series of parallel transects with a spacing of approximately 25 feet. Observations on the local environment were recorded in order to briefly describe the local setting. Where access roads were necessary, a right of way of 50 feet in width was surveyed.

Location

The proposed well sites are located in Township 41 South, Range 24 East, just south of the San Juan River and the small community of Montezuma Creek. They are all within the Rutherford Unit of Phillips Petroleum's lease in what is generally known as the Aneth Oil Field. In this report each well will be individually described with each well location plotted on the USGS area map and further located on a section plat map provided by Phillips.

Recommendations

Cultural Resource clearance is recommended for all seven well sites and associated access roads as described in this report. No significant prehistoric or historic resources were encountered in any of the areas to be impacted by construction.

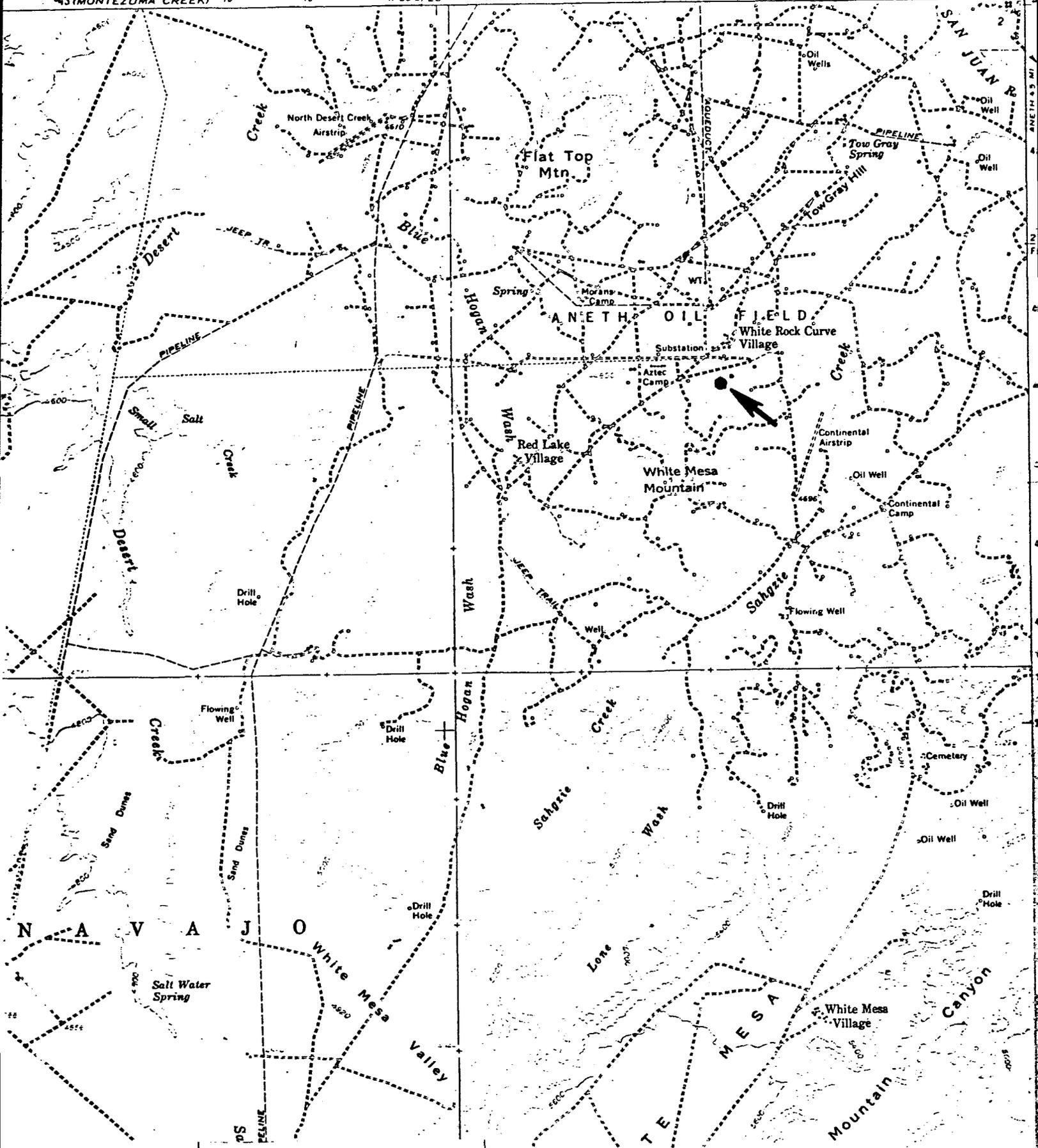
Figures

Figure Number

1. Location map of Phillips # 19-11
2. Plat map of section 19 showing well and proposed access roads
3. Location map of Phillips # 19-42
4. Plat map of section 19 showing proposed well location detail
5. Location map of Phillips # 20-13
6. Plat map of section 20 showing proposed well location detail
7. Location map of Phillips # 20-24
8. Plat map of section 20 showing proposed well location detail
9. Location map of Phillips # 20-44
10. Plat map of section 20 showing proposed well location detail
11. Location map of Phillips # 21-13
12. Plat map of section 21 showing proposed well location detail
13. Location map of Phillips # 29-31
14. Plat map of section 19 showing proposed well location detail

WHITE MESA VILLAGE QUADRANGLE
UTAH
15 MINUTE SERIES (TOPOGRAPHIC)

4158 IV 643 (MONTEZUMA CREEK) 645 646 R 23 E 20' 648 R 24 E MONTEZUMA CREEK 2.5 MI 651 652 653 1:2650 000 FEET 109° 1'



WHITE MESA VILLAGE, UTAH
N3700—W10915/15

1962

Figure 11 Location Map
Phillips # 21-13



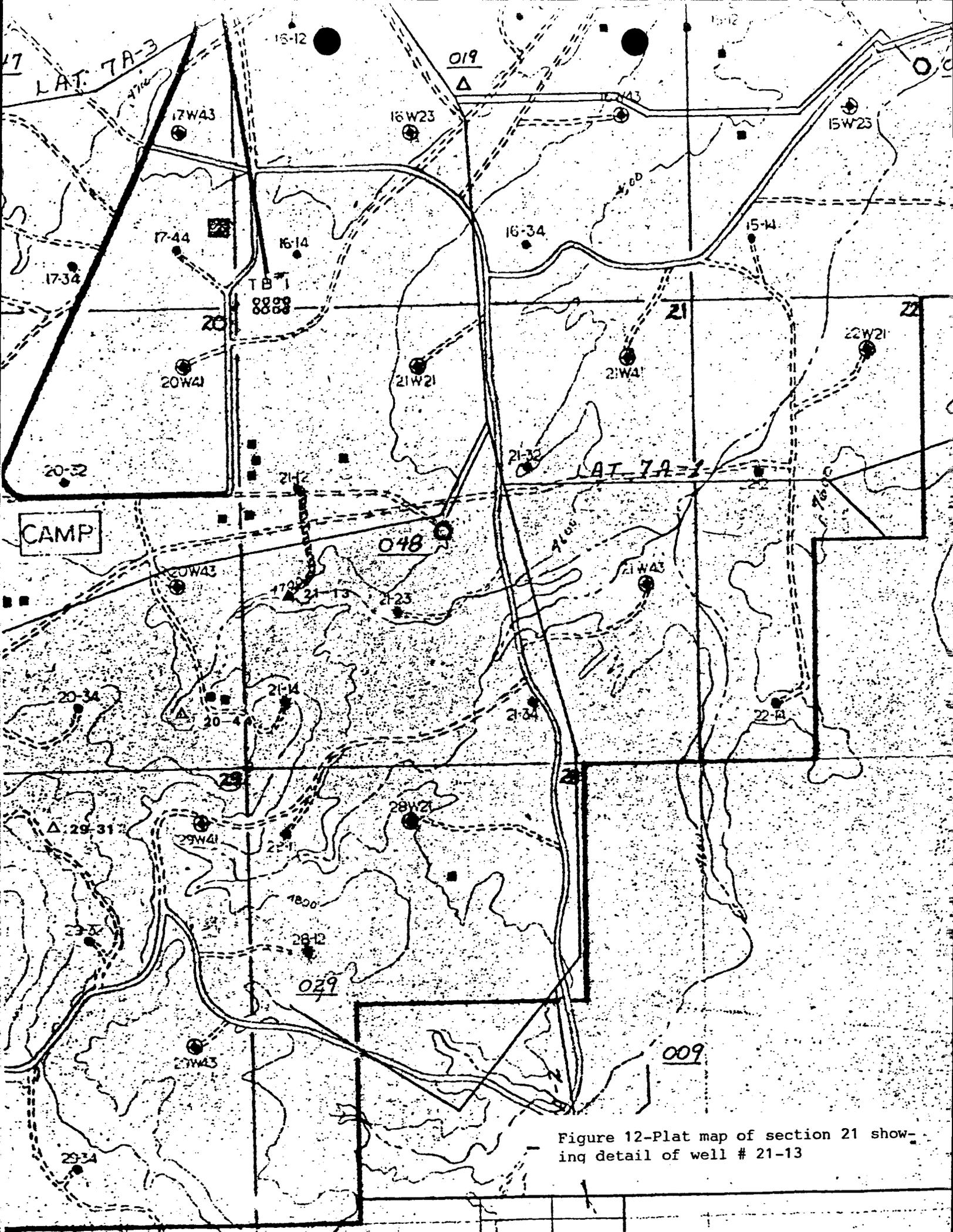
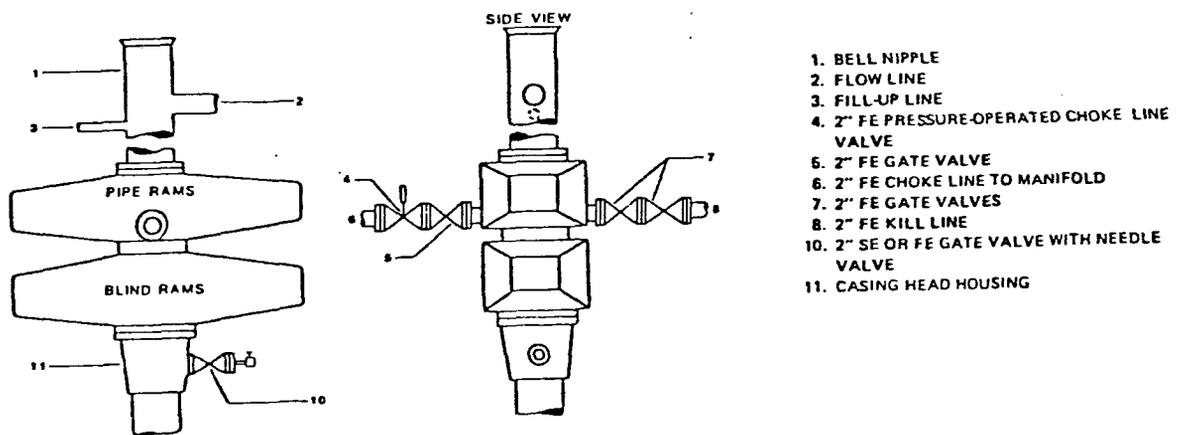


Figure 12-Plat map of section 21 showing detail of well # 21-13



1. BELL NIPPLE
2. FLOW LINE
3. FILL-UP LINE
4. 2" FE PRESSURE-OPERATED CHOKE LINE VALVE
5. 2" FE GATE VALVE
6. 2" FE CHOKE LINE TO MANIFOLD
7. 2" FE GATE VALVES
8. 2" FE KILL LINE
10. 2" SE OR FE GATE VALVE WITH NEEDLE VALVE
11. CASING HEAD HOUSING

Figure 7-10. Standard Hydraulic Blowout Preventer Assembly
 (2 M or 3 M Working Pressure) Alternative 3 (without Drilling Spool)

Well Control 4
 January/83

PHILLIPS PETROLEUM COMPANY



Page 251
 Section II

BLOWOUT PREVENTER TESTING PROCEDURE

A. INITIAL INSTALLATION TEST FOR INSTALLATIONS AS SHOWN ON FIGURE NO. 7 -
TWO RAM UNITS

After all blowout preventers, regular choke lines, valves, bell nipples, and flow lines are rigged up, the following steps are to be carried out with no exceptions: (Emergency choke and kill lines are not to be connected below the bottom preventer at this time.)

Preparations
for Test
Steps 1-9.

1. Inspect all flanges to see if all bolts are in place and tight.
2. Check all opening and closing lines to preventers to see if they are correctly placed, hooked up, and tight.
3. Check to see that all control valves are properly marked.
4. Open bradenhead valves and wash inside of preventers with water from the top. No lines are to be connected to the bradenhead at this time.
5. Connect water into suction of mud pump and pump water through kill line and out bradenhead valves until water clears up.
6. Connect test line in place of kill line.

A. INITIAL INSTALLATION TEST FOR INSTALLATIONS AS SHOWN ON FIGURE NO. 7
TWO RAM UNITS (Contd.)

7. Connect kill line to one bradenhead valve and open valve.
8. Close other bradenhead valve.
9. Fill preventers with water.
10. Close blind rams with 1,500 psi.
11. Check closing line and preventer for leaks.
12. Pressure up casing with mud pump to pressure required to test casing using water. Hold for 10 minutes.
13. Check bradenhead, bradenhead valve flanges, and blind rams for leaks.
14. Install a pressure gauge on the bradenhead valve opposite where the kill line is tied on.
15. Open bradenhead valve to read casing pressure.
16. Close bradenhead valve on side where kill line is tied on.
17. Release pressure on kill line.
18. Disconnect kill line from bradenhead valve.
19. Check bradenhead valve for leaks on the side where the kill line was disconnected. See that casing pressure has not dropped below the required test pressure.
20. Remove pressure gauge and bleed down casing.
21. Close bradenhead valve(s).
22. Open blind rams with 1,500 psi.
23. Check opening line and preventer for leaks.
24. Disconnect kill line from bradenhead valve and open both bradenhead valves.
25. Run test plug in on a joint of drill pipe, set in seat.

NOTE: Test plug to be fabricated so that there will be enough clearance between plug and pipe rams to clear tool joint when closed on joint of drill pipe made up in plug. The plug must be drilled so there is communication between inside of drill pipe and top of plug above seal surface.

Casing
Blind Ram
and Braden-
head Test
Steps 10-24

BOP Stack
and Choke
Line Test
Steps 25-38

A. INITIAL INSTALLATION TEST FOR INSTALLATIONS AS SHOWN ON FIGURE NO. 7
TWO RAM UNITS (Contd.)

26. Install safety valve and kelly on top of drill pipe.
27. Fill preventers with water.
28. Open all valves on choke lines and check to see that water is flowing through each outlet. Let run until clear. Open valves on kill line side of spool.
29. Close outside valves on choke lines making sure they are full of water and have no trapped air.
30. Refill preventers if necessary.
31. If Hydril is used in place of upper ram type preventer, close 1" plug valve on closing line. Test to 1,500 psi. Inspect valve for leaks. Release pressure. Open valve.
32. Close pipe rams or Hydril with 1,500 psi.
33. Check closing line and preventer for leaks.
34. Open stand pipe valve, kelly cock, and safety valve, and fill kelly with water.
35. Close kelly cock.
36. If Hydril is used, reduce closing pressure to that recommended on page 56. Closing pressure may be increased as required to effect a seal up to a maximum of 1,500 psi.
37. Pressure up to working pressure of preventers through test line. For maximum Hydril packing unit life, as the test pressure builds up, reduce the closing pressure and later apply opening pressure per applicable schedule starting on page 57, provided a schedule is listed for the Hydril in use. Hold test pressure for 10 minutes.
38. Check all valves, flanges, and seals that are under pressure for leaks and tighten if necessary. Check test plug for leak.
39. Close second valve from hole on choke line. Open outside valve on full opening line. Hold pressure for one minute.
40. Check to see if valve leaks.
41. Close inside valve on choke line. Open second valve out on choke line. Hold pressure for one minute.
42. Check to see if valve leaks.

Choke and
Kill Valve
Tests
Steps 39-55

A. INITIAL INSTALLATION TEST FOR INSTALLATIONS AS SHOWN ON FIGURE NO. 7
TWO RAM UNITS (Contd.)

43. Close safety valve and open kelly cock.
44. Check safety valve for leaks.
45. Close inside valve on kill line side. Open inside valve on choke line side. Hold pressure for one minute.
46. Check to see if valve leaks.
47. Close second valve out on kill line. Open inside valve on kill line. Hold pressure for one minute.
48. Check to see if valve leaks.
49. Open second valve out on kill line. Close inside valves on kill line and choke line.
50. Disconnect test line; connect kill line.
51. Open pipe rams (or Hydril) with 1,500 psi.
52. Check opening line and preventer for leaks.
53. Pull plug out of hole.
54. Close bradenhead valves.
55. Record test on drilling report.

B. RAM CHANGE TEST FOR INSTALLATIONS AS SHOWN ON FIGURE NO. 7 OR 8 -
TWO RAM UNITS

If Hydril is used in place of upper ram type preventer, ram change test is not required since no change will be made in preventer assembly to run casing.

Preparations
Steps 1-2

1. After getting out of hole, open choke line valves and drain mud out of preventers. No lines are to be connected to Figure 7 bradenhead valves at this time.

2. Wash inside of preventers from top with water.

Ram Change
Steps 3-9

3. Close blind rams.
4. Open bonnets or doors on upper ram type preventer.
5. Remove drill pipe rams.
6. Install rams to fit casing.

B. RAM CHANGE TEST FOR INSTALLATIONS AS SHOWN ON FIGURE NO. 7 OR 8 - TWO RAM UNITS (contd.)

7. Close bonnets or doors, checking all seals and "O" rings.
8. Tighten up all bolts and inspect preventer to see that bonnets or doors are closed, steel to steel.
9. Open blind rams.

Casing Ram Test
Steps 10-22

10. Install test plug and test line on extra joint of casing the same size that is to be run. Casing joint used must be of sufficient strength to withstand test pressures. The crossover connections used to get from casing joint to test plug must be short enough to permit the casing rams to close against casing.
11. Set test plug in casing spool.
12. Fill preventers with water.
13. Close casing rams.
14. Purge air from casing joint.
15. Pressure up through casing joint to working pressure of preventers. Hold for 10 minutes.
16. Check for leaks in all flanges and seals that hold pressure, especially bonnet or door seals on preventer changed.
17. Release pressure.
18. Open casing rams.
19. Pull test plug out of hole.
20. Close choke line valve.
21. Change sign on valve on blowout preventer closing manifold that controls casing rams to indicate casing rams instead of drill pipe rams.
22. Record test and ram changes in drilling report.

C. WEEKLY TEST PROCEDURE FOR INSTALLATIONS AS SHOWN ON FIGURE 7 - TWO RAM UNITS

Preparations
for Test
Steps 1-10

1. Inspect all flanges to see if all bolts are in place and tight.
2. Check all opening and closing lines to preventers to see if they are correctly placed, hooked up, and tight.

C. WEEKLY TEST PROCEDURE FOR INSTALLATIONS AS SHOWN ON FIGURE 7 - TWO RAM UNITS (contd.)

3. Remove kill line and install test line in flange outside of second valve on the kill line side of the drilling spool.
4. Open valves on bradenhead and wash inside of preventers with water from the top. No lines are to be connected to the bradenhead at this time.
5. Run test plug in on a joint of drill pipe and set in seat.
6. Install safety valve and kelly on top of drill pipe.
7. Fill preventers with water.
8. Open all valves on choke lines and check to see that water is flowing through each choke line and full opening line. Let run until it clears up.
9. Close all outside valves on choke line, making sure they are full of water and do not have air trapped in them.
10. Refill preventers if necessary.
11. Close pipe rams (or Hydril, if used in place of upper ram type preventer).
12. Check closing line and preventer for leaks.
13. Open stand pipe valve, kelly cock, and safety valve, and fill kelly with water.
14. Close kelly cock.
15. If Hydril is used, reduce closing pressure to that listed on page 56. This may be increased as required up to a maximum of 1,500 psi.
16. Pressure up to 1/2 working pressure of preventers. For maximum Hydril packing unit life, as the test pressure builds up, reduce the closing pressure and later apply opening pressure per applicable schedule starting on page 57, provided a schedule is listed for the Hydril in use. Hold test pressure for 10 minutes.
17. Check for leaks.
18. Close safety valve and open kelly cock.
19. Check safety valve for leaks.

BOP Stack and
Kelly Cock Test
Steps 11-17

Safety Valve
Test
Steps 18-24

C. WEEKLY TEST PROCEDURE FOR INSTALLATIONS AS SHOWN ON FIGURE 7 -
RAM UNITS (Contd.)

20. Release pressure.
21. Open pipe rams (or Hydril)
22. Pull plug out of hole.
23. Close bradenhead valves.
24. Record test on drilling report.

BLOWOUT PREVENTER TESTING PROCEDURE

A. INITIAL INSTALLATION TEST FOR INSTALLATIONS AS SHOWN ON FIGURE NO. 8
TWO RAM UNITS - LOW SUBSTRUCTURE

After all blowout preventers, choke lines, valves, bell nipples, and flow lines are rigged up, the following steps are to be carried out with no exceptions:

1. Inspect all flanges to see if all bolts are in place and tight.
2. Check all opening and closing lines to preventers to see if they are correctly placed, hooked up, and tight.
3. Check to see that all control valves are properly marked.
4. Remove kill line and open all valves on bradenhead.
5. Open all valves on choke manifold and wash inside of preventers with water from the top. Check to see that water is flowing through each choke line and kill line.
6. Close outside valves on kill line side and on choke lines.
7. Install test line in flange on outside of second valve on kill line side of bradenhead.
8. Fill preventers.
9. Open outside valve on kill line side and pump through test line until all air is purged.
10. Close inside valve on kill line side.
11. Pressure up to working pressure of preventers. Hold for one minute.
12. Check for leaks.

Preparations
Steps 1-10

Kill Line
Outlet
Valves
Test
Steps 10-16

7.6 Testing Surface Blowout Preventer Equipment

7.6.1 Pressure Test Frequency

All rams, annulars, valves, choke and kill lines, choke manifold, kelly cocks, and safety valves shall be pressure tested at the following frequencies:

- (1) Initial installation of blowout preventers.
- (2) After setting casing, before drilling cement.
- (3) Every 7 days or on first trip out of hole after 7 days since previous pressure test.
- (4) After any component of the blowout preventer assembly is disturbed, replaced or repaired (this includes lines, valves, or choke manifold). In this case, the component changed may be the only component tested.
- (5) Prior to conducting first drill stem test in a series of one or more DST's.
- (6) Any time the Phillips Wellsite Supervisor deems necessary, such as prior to drilling into suspected high pressure zones.



FIELD PRACTICES AND STANDARDS

7.6.2 Function Test Frequency

All rams, annulars, valves, and other items specified below, shall be function tested at the following frequencies.

- (1) On initial installation from driller control and remote panel.
- (2) Each trip out of hole alternating between driller's and remote control panel but not more than once every twenty-four (24) hours. Close pipe rams or annular preventer ONLY on drill pipe.

7.6.3 Test Pressures

Use the following table to identify which test is appropriate and at what pressure.

TEST	DESCRIPTION
Low Pressure	Test to 200-300 psi prior to each high pressure test.
Initial Installation	<p>Test all rams, annulars, valves, choke manifold, kelly cocks, and safety valves to the lesser of the following pressures.</p> <ul style="list-style-type: none"> . Rated working pressure of the component in the blowout preventer assembly with the exception of annular preventer which is to be tested to 70% of the rated working pressure. . The API rated casing burst pressure of the last casing to be utilized in the well with the BOP assembly being tested. . Rated working pressure of the casing head. . If "Cup Tester" is used do not exceed 80% of the API rated burst pressure of the casing.
Repair	Repaired or replaced components are to be tested to the same pressures used in the Initial Test.



FIELD PRACTICES AND STANDARDS

7.6.3, cont'd

TEST	DESCRIPTION
Weekly and After Setting Casing	<p>Test all rams, annulars, valves, choke and kill lines, choke manifold, kelly cocks, and safety valves, to the lesser of the following pressures.</p> <ul style="list-style-type: none"> . 50% of the rated working pressure of the component to be tested. . 80% of the API rating of the casing burst pressure then in the well. . Test blind rams during internal casing pressure test. (Refer to drilling program for test pressures).
DST Operations	<p>Test all pipe rams, annular preventers, valves, choke and kill lines, choke manifold, kelly cocks, and safety valves to the maximum anticipated surface pressure expected while conducting drill stem tests. Do not test annular to more than 70% of its working pressure.</p>
Shallow Casing	<p>Where cased hole is less than 2000 feet measured depth, the test pressure may be 1.5 psi per foot of casing depth, not to exceed 80% of the API rated burst pressure. In the case of shallow conductor casing or drive pipe (500 feet or less) that is equipped with one BOP, then the test pressures do not need to exceed 1.0 psi per foot of casing depth.</p>
Accumulator	<p>Test accumulator to the manufacturer's rated working pressure. Test the accumulator for time to pump up to specifications.</p>

7.6.4 Blowout Preventer Test Practices

- (1) All pressure tests shall be witnessed by Phillips' Representative and the Contractor's Senior Supervisor on Location. All tests shall be recorded on the Phillips' Daily Drilling Report, the IADC Report and the BOP Test Form; see Figure 7-13. A reproducible copy of the BOP Test Form (Figure 7-13) can be found in Section III.



7.6.4, cont'd

- (2) Hold all low pressure tests for three minutes and high pressure tests for five minutes or until Phillips Representative and the Contractor's Senior Supervisor are satisfied no leaks exist.
- (3) A detail procedure for the testing of blowout preventer and choke manifold equipment will be included in the drilling programs. The procedure is to be distributed for each drilling unit under contract by the operating office. Each operating office must include the following practices:
- a. Prior to testing, all lines and valves will be thoroughly flushed to ensure the system is clear. Test all opening and closing control lines to 1500 psi and inspect for leaks.
 - b. If necessary, run a stand of drill collars below the test plug to prevent unseating the test tool during testing.
 - c. All precautions must be taken to avoid pressuring the casing below the test tool.
 - d. The running string is to be full of water (or antifreeze solution) for immediate indication of test tool leakage.
 - e. All pipe rams, blind/shear rams, blind rams, annular preventers, valves, fail-safe valves, choke and kill lines are to be tested at the frequencies and pressures outlined in this section.
 - f. Drill pipe safety valve, lower and upper kelly cocks are to be tested from below at pressures and frequencies outlined in this section.
 - g. All test fluids are to be bled back to the pump unit in safe manner.

7.6.5 Testing Wellhead Pack-offs

The wellhead pack-off is to be pressure tested upon installation for five minutes. Test pressure is to be 80% API rated casing collapse or the rated working pressure of the casing head whichever is the lesser. Casing annulus valve(s) must be in open position to prevent casing collapse during pack-off testing.

When testing the wellhead pack-off, use recorded test pressures and volumes to determine if pack-off is leaking. Pressure should be immediately released at the first indication of a leak.



FIELD PRACTICES AND STANDARDS

7.6.6 Safety Precautions

One pumping unit operator is to be stationed at the high pressure pumping unit, and is to remain at this station until all testing has been completed. The pump unit operator is to be in continuous communication with the person who is recording the test data. The Phillips Wellsite Supervisor and Contractor's Senior Supervisor on location will be the only personnel who will go into the test area to inspect for leaks when the equipment involved is under pressure. The rig crews are to stay clear of the area until such time that both the Phillips Wellsite Supervisor and the Contractor's Senior Supervisor have contacted the pumping unit operator and all three have agreed that all pressure has been released, and there is no possibility of pressure being trapped. The rig crews may then go into the area to repair leaks or work as directed.

All lines, swings, and connections that are used in the testing of the blowout preventers are to be adequately secured in place.

Pressure is to be released only through the pressure release lines that are vented back into the pump unit tanks. The lines are to be clamped down to direct the flow into unit tanks.



RU 1-B



FORM 31-B

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF WATER RIGHTS

DEE C. HANSEN
STATE ENGINEER

JOHN BENE
DEPUTY

442 STATE CAPITOL
SALT LAKE CITY, UTAH 84114

(801) 328-6071

May 28, 1974

DIRECTING ENGINEERS

HAROLD D. DONALDSON
DONALD C. NORSETH

~~XXXXXXXXXXXX~~
Stanley Green

Rutherford went w. S. w. cl.

Phillips Petroleum Company
Box 2920
Casper, Wyoming 82601

Gentlemen:

RE: Change Appl. No. a-7804 (09-281)

Enclosed is Change Application No. a-7804 (09-281) which has been approved. The approved change application is amendatory and serves only to affect a correction to Application No. 32773 a-4025 on which an election to file a water user's claim has been submitted.

As soon as possible, engineers of this office will make the necessary field investigations and will prepare a water user's claim which will be entered in the adjudication of water rights in your area.

Yours truly,

Dee C. Hansen
State Engineer

jb

Enc.: Copy of Approved Application

CHANGE APPLICATION APPROVED

(Form for Pending Original Application)

PHILLIPS PETROLEUM CO. CASPER AREA E & P DEPT.		
Recd: JUN 3 1974		
Send To	File	Date
Supr.	<i>[initials]</i>	
Oper. Supr.	<i>[initials]</i>	
Dist. Engr.	<i>[initials]</i>	
Ctr. Engr.	<i>[initials]</i>	
Legal	<i>[initials]</i>	
Service		
Send Copy to		

Quinn Easle 09-281



Application for Permanent Change of Point of Diversion Place and Nature of Use of Water STATE OF UTAH

Please clearly and correctly complete the information requested below which defines the right or rights being changed. (Type or clearly print.)

For the purpose of obtaining permission to permanently change: the point of diversion , place , or nature of use , of water rights acquired by Application No. 32773 (09-281)
(Give Number of Application, certificate of appropriation, title and date of Decree or other identification of right.)

If the right described has been amended by a previous approved change application, give the number of such change application. No. a-4025

- The name of the applicant is Phillips Petroleum Company
- The post-office address of the applicant is Box 2920, Casper, Wyoming 82601
- The flow of water which has been or was to have been used in second-feet is 8.0
- The quantity of water which has been or was to have been used in acre-feet is _____
- The water has been or was to have been used for and during periods as follows:

<u>Oil Field Pressure Maintenance and</u>	from _____	to _____	incl.
(purpose)	(month) (day)	(month) (day)	
<u>Secondary Recovery Uses</u>	from <u>January 1</u>	to <u>December 31</u>	incl.
(purpose)	(month) (day)	(month) (day)	

 and stored each year (if stored) _____ from _____ to _____ incl.
 (month) (day) (month) (day)
- The direct source of supply is 41 Wells in San Juan County.
(well, spring, stream, drain, river; if other explain)
- The point or points of diversion See Separate Sheet

(Must be the same as that of right being changed unless a previous change has been filed and approved. Then use the point or points approved in the previous change.)

- Diversion works:
 If a well give diameter and depth 12 3/4" diameter wells, 35-50 ft. deep
 If a dam and reservoir give height, capacity, and area inundated _____
 If other give type of diversion facility _____

- The water involved has been or was to have been used for the following purposes in the following described legal subdivisions: (If used for irrigation, state sole or supplemental supply, and describe other supplemental rights.)
 Irrigation _____
 Total acres to be irrigated _____
 Stockwatering (number and kind) _____
 Domestic (number of families and/or persons, etc.) _____
 Other See Separate Sheet

- The point at which water has been or was to have been returned to the stream channel is situated as follows: (Please describe method of return.) _____

Note: Paragraph 10 is to be completed only when all or part of the water is returned to the natural stream or channel.

The Following Changes Are Proposed

- The flow of water to be changed in cubic feet per second is Same as heretofore
- The quantity of water to be changed in acre-feet is _____

13. The water will be used each year for:
 Same as heretofore from _____ to _____ incl.
 (purpose) (month) (day) (month) (day)
 _____ from _____ to _____ incl.
 (purpose) (month) (day) (month) (day)
 and stored each year (if stored) from _____ to _____ incl.
 (month) (day) (month) (day)

14. It is now proposed to divert the water from 23 Wells
 (i.e., spring, spring area, stream, river, drain, well, etc.)
 at a point(s) as follows: See Separate Sheet

NOTE: The "point of diversion," or "point of return," must be located by course and distance or by rectangular distances with reference to some regularly established United States land corner or United States mineral monument if within a distance of six miles of either, or if a greater distance to some prominent and permanent natural object. A spring area must also be described by metes and bounds.

15. The proposed diverting and conveying works will consist of: (if a well, state diameter and depth thereof)
20 - 16-inch diameter wells, 35-50 ft. deep

16. If water is to be stored, give capacity of reservoir in acre-feet _____ height of dam _____
 area inundated in acres _____ legal subdivisions of area inundated _____

17. The water is to be used for the following purposes in the following described legal subdivisions: (if used for irrigation, state sole or supplemental supply, and describe other supplemental rights.)

Irrigation _____

Total acres to be irrigated _____

but limited to the sole irrigation supply of _____ acres.

Stockwatering (number and kind) _____

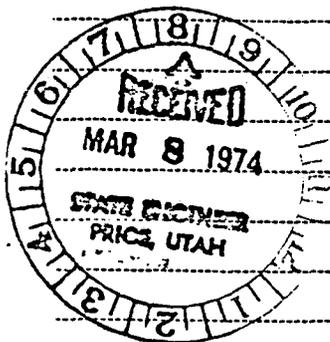
Domestic (number of families and/or persons, etc.) _____

Other Same as heretofore

18. If paragraphs 11 and 12 designate that only part of the right described in paragraphs 1 to 10 inclusive is to be changed, designate the status of the water so affected by this change as to its being abandoned or used as heretofore.

EXPLANATORY

The following additional facts are set forth in order to define more clearly and completely the full purpose of the proposed change: This is an Amendatory Change Application filed to correct the location of the points of diversion.



The undersigned hereby acknowledges that even though he may have been assisted in the preparation of the above-numbered application through the courtesy of the employees of the State Engineer's Office, all responsibility for the accuracy of the information contained therein, at the time of filing, rests with the applicant.

Forest L. Morgan
 Signature of Applicant

Well No.	Well Location	Well No.	Well Location
1	S. 1000 ft. & W. 150 ft.	22	S. 1550 ft. & E. 1850 ft.
2	S. 1000 ft. & W. 450 ft.	all from NW	Cor. Sec. 3, T41S, R24E.
3	S. 1000 ft. & W. 750 ft.	23	S. 960 ft. & E. 150 ft.
4	S. 1000 ft. & W. 1050 ft.	24	S. 950 ft. & E. 450 ft.
5	S. 1000 ft. & W. 1350 ft.	25	S. 925 ft. & E. 750 ft.
6	S. 1000 ft. & W. 1650 ft.	26	S. 910 ft. & E. 1050 ft.
7	S. 1000 ft. & W. 1950 ft.	27	S. 890 ft. & E. 1350 ft.
8	S. 1000 ft. & W. 2250 ft.	28	S. 890 ft. & E. 1650 ft.
9	S. 1000 ft. & W. 2550 ft.	29	S. 850 ft. & E. 1950 ft.
10	S. 1000 ft. & W. 2850 ft.	30	S. 825 ft. & E. 2250 ft.
11	S. 900 ft. & W. 3125 ft.	31	S. 895 ft. & E. 2540 ft.
12	S. 800 ft. & W. 3400 ft.	32	S. 1000 ft. & E. 2790 ft. <i>DELETE FCN</i>
13	S. 700 ft. & W. 3700 ft.	33	S. 1210 ft. & E. 3000 ft.
14	S. 610 ft. & W. 3995 ft.	34	S. 1420 ft. & E. 3200 ft.
15	S. 500 ft. & W. 4280 ft.	35	S. 1620 ft. & E. 3410 ft.
all from NE	Cor. Sec. 5, T41S, R24E	36	S. 1710 ft. & E. 3710 ft.
16	S. 1700 ft. & E. 50 ft.	37	S. 1760 ft. & E. 4000 ft.
17	S. 1675 ft. & E. 350 ft.	38	S. 1800 ft. & E. 4300 ft.
18	S. 1650 ft. & E. 650 ft.	39	S. 1780 ft. & E. 4600 ft.
19	S. 1610 ft. & E. 950 ft.	40	S. 1740 ft. & E. 4900 ft.
20	S. 1590 ft. & E. 1250 ft.	41	S. 1720 ft. & E. 5200 ft.
21	S. 1575 ft. & E. 1550 ft.	all from NW	Cor. Sec. 4, T41S, R24E.

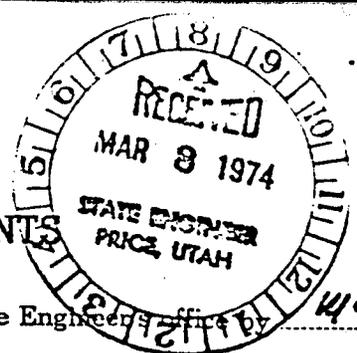
Item 9 - Place of Use: Ratherford Unit Greater Aneth Oil Field; S $\frac{1}{2}$ Sec. 1; SE $\frac{1}{4}$ Sec. 2; E $\frac{1}{2}$ Sec. 11; Sec. 12; Sec. 13; E $\frac{1}{2}$ Sec. 14; NE $\frac{1}{4}$ Sec. 24, T41S, R23E, SLB&M. Secs. 3-10; W $\frac{1}{2}$ Sec. 11; W $\frac{1}{2}$ Sec. 14; Secs. 15-21; NW $\frac{1}{4}$ & W $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 22; W $\frac{1}{2}$ NE $\frac{1}{2}$, NW $\frac{1}{4}$, W $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 28; Secs. 29-30; N $\frac{1}{2}$ Sec. 31; N $\frac{1}{2}$ Sec. 32, T41S, R24E, SLB&M.

Item 14 - New Points of Diversion

Well No.	Well Location
1	S. 950 ft. & W. 148 ft. from NE Cor. Sec. 5, T41S, R24E, SLB&M. <i>(D-41-24)5aad</i>
2	S. 1014 ft. & W. 442 ft. from NE Cor. Sec. 5, T41S, R24E, SLB&M. <i>(D-41-24)5aad</i>
3	S. 1007 ft. & W. 741 ft. from NE Cor. Sec. 5, T41S, R24E, SLB&M. <i>(D-41-24)5aac</i>
4	S. 1010 ft. & W. 592 ft. from NE Cor. Sec. 5, T41S, R24E, SLB&M. <i>(D-41-24)5aad</i>
5	S. 982 ft. & W. 294 ft. from NE Cor. Sec. 5, T41S, R24E, SLB&M. <i>(D-41-24)5aad</i>
6	S. 887 ft. & W. 2 ft. from NE Cor. Sec. 5, T41S, R24E, SLB&M. <i>(D-41-24)5aad</i>
7	S. 863 ft. & E. 145 ft. from NW Cor. Sec. 4, T41S, R24E, SLB&M. <i>(D-41-24)5aad</i>
8	S. 843 ft. & E. 293 ft. from NW Cor. Sec. 4, T41S, R24E, SLB&M. <i>(D-41-24)5aad</i>
9	S. 818 ft. & E. 440 ft. from NW Cor. Sec. 4, T41S, R24E, SLB&M. <i>(D-41-24)5aad</i>
10	S. 803 ft. & E. 590 ft. from NW Cor. Sec. 4, T41S, R24E, SLB&M. <i>(D-41-24)5aad</i>
11	S. 789 ft. & E. 739 ft. from NW Cor. Sec. 4, T41S, R24E, SLB&M. <i>(D-41-24)5aac</i>
12	S. 777 ft. & E. 939 ft. from NW Cor. Sec. 4, T41S, R24E, SLB&M. <i>DELETE FCN</i>
13	S. 803 ft. & E. 1137 ft. from NW Cor. Sec. 4, T41S, R24E, SLB&M. <i>(D-41-24)5</i>
14	S. 802 ft. & E. 1334 ft. from NW Cor. Sec. 4, T41S, R24E, SLB&M.
15	S. 759 ft. & E. 1529 ft. from NW Cor. Sec. 4, T41S, R24E, SLB&M.
16	S. 715 ft. & E. 1725 ft. from NW Cor. Sec. 4, T41S, R24E, SLB&M.
17	S. 672 ft. & E. 1920 ft. from NW Cor. Sec. 4, T41S, R24E, SLB&M.
18	NO WELL
19	S. 1792 ft. & W. 352 ft. from NE Cor. Sec. 4, T41S, R24E, SLB&M.
20	S. 1792 ft. & W. 952 ft. from NE Cor. Sec. 4, T41S, R24E, SLB&M.
21	NO WELL
22	S. 1792 ft. & W. 652 ft. from NE Cor. Sec. 4, T41S, R24E, SLB&M.
23	S. 1714 ft. & W. 1545 ft. from NE Cor. Sec. 4, T41S, R24E, SLB&M.

(This page not to be filled in by applicant)

STATE ENGINEER'S ENDORSEMENTS



1. MAR. 8, 1974 Change Application received over counter by mail in State Engineer's office by WCK
2. _____ Priority of right to make change brought down to, on account of _____
3. March 7, 1974 Fee for filing Application \$ 65.00, received by WCK, Receipt No. 00906
4. March 13, 1974 Application microfilmed by _____ Roll No. 709 and indexed by WCK
5. 4/16/74 Application platted by WCK See following pages for location
6. MAR. 8, 1974 Application examined by WCK
7. _____ Application returned, with letter, to _____ for correction
8. _____ Corrected application resubmitted over counter by mail to State Engineer's Office
9. MAR. 8, 1974 Application approved for advertisement by WCK
10. MAR 28 1974 Notice to water users prepared by WCK
11. APR 4 1974 Publication began, was completed APR 18 1974
12. APR 3 1974 Notice published in San Juan Record
Proof slips checked by WCK
13. _____ Change Application protested by _____
14. April 24 1974 Pub paid med. 2-1447
NOV. 16, 1971 Field Examined by WCK & LG
15. MAY 20, 1974 Application designated for approval ~~rejection~~ by WCK SB
16. 5-28-74 Change Application copied jb proofread by _____
17. 5-28-74 Change Application approved ~~rejected~~ and returned to applicant

This application is approved on the following conditions:

1. Actual construction work necessitated by proposed change shall be diligently prosecuted to completion.
2. Proof of hange shall be submitted to the State Engineer's office by _____ under 32773
3. This change is subject to all conditions imposed on the approval of the original application or right

Dee C. Hansen

Dee C. Hansen, State Engineer

18. _____ Time for making proof of change extended to _____
19. _____ Proof of change submitted.
20. _____ Certificate of change No. _____, issued.

I hereby certify that the foregoing is a true copy of the Application by _____ to change the point of diversion, place and nature of use of water as shown, with endorsements thereon, on the records of my office on the date given below.

Salt Lake City, Utah _____, 19____ State Engineer

Change Application No. 9-7504

J. P. Denny

December 23, 1970

Mr. Kenward H. McKinney, Area Engineer
State of Utah
Department of Natural Resources
6 East Main
Price, Utah 84501

[Handwritten signature]
Herb
[Handwritten initials]

Dear Mr. McKinney:

Enclosed is a completed and notarized State of Utah Form No. 152, "Election to File Water User's Claim" for water placed in beneficial use by Phillips Petroleum Company in the Ratherford Unit, San Juan County, Utah.

Very truly yours,

[Handwritten signature]
H. W. Patterson
Production Director
Western District

CML:rc
Attachment

bcc: Mr. J. P. Denny (2)

A T T E N T I O N

THIS FORM IS TO BE USED ONLY WHEN WATER HAS BEEN PLACED TO FULL BENEFICIAL USE

Form 152

BEFORE THE STATE ENGINEER OF THE STATE OF UTAH
ELECTION TO FILE WATER USER'S CLAIM

APPLICATION NO. 32773(09-281)

STATE OF ~~UTAH~~ Utah)
COURTY OF San Juan)

ss.

Phillips Petroleum Company, being first duly sworn, says that he is the owner of the above application; that the development contemplated under this application has been completed and the water placed to beneficial use.

In lieu of submitting "Proof of Appropriation" or "Proof of Change" and receiving "Certificate of Appropriation" or "Certificate of Change", the applicant hereby elects to file a "Statement of Water User's Claim" or an "Amended Statement of Water User's Claim" in the pending GENERAL DETERMINATION OF WATER RIGHTS; and that the applicant requests that said statement be prepared by the State Engineer and submitted for execution at an early date.

Phillips Petroleum Company
By: H. A. Kuehnert
Attorney-in-Fact

H. A. Kuehnert
APPLICANT

RDC

Subscribed and sworn to before me this 7.20.11 day of July

.19 71

W. H. ...
NOTARY PUBLIC

My commission expires: 9-16-11



INTER-OFFICE CORRESPONDENCE / SUBJECT:
Denver Legal Department

Ratherford Unit
San Juan County, Utah
Application No. 32773
Proof of Appropriation

December 2, 1970

Mr. H. W. Patterson
Denver District Office

This is in answer to your inquiry of November 20, 1970, regarding the filing of an Election to File Water Users Claim in lieu of a Proof of Appropriation in the above matter. It is my opinion that we should elect to file the Election to File Water Users Claim.

An investigation of the pertinent Utah Statutes discloses that there is no difference between the legal effect of the two procedures. The election procedure is judicial in nature and results in a court order stating precisely our rights regarding use of the water. The decision is based upon the recommendation of the State Engineer, who has the responsibility for surveying, etc. if it is necessary. In short, we will get the same benefit at little or no expense.

Thomas M. Blume
Thomas M. Blume

TMB/cjk

P

Ratherford Unit
San Juan County, Utah
Application No. 32773
Proof of Appropriation

1300 Security Life Building
Denver, Colorado 80202

November 20, 1970

Mr. T. M. Blums
Division Chief Attorney
Denver Legal Department

Attached is a file pertaining to Phillips Petroleum Company's application for permanent use of water from underground and subsurface flow of the San Juan River in Utah for the beneficial use of pressure maintenance and secondary recovery in the Ratherford Unit.

I would like to direct your attention to Mr. C. M. Boles' letter of November 23, 1965, for background information.

On June 16, 1966, the Utah State Engineer granted a five-year extension to our Application No. 32773 for submittal of Proof of Appropriation. This extension will have elapsed on February 26, 1971.

We are preparing to file the Proof of Appropriation, however, the Casper office has information from the Area Engineer, Division of Water Rights, Department of Natural Resources, State of Utah that the filing of Proof of Appropriation is not necessary, but that filing of an Election to File Water Users Claim is necessary for permanent use of water from subsurface flow of the San Juan River.

We will appreciate your opinion on this filing.

H. W. Patterson

CML:rc
Attachment

cc: Mr. T. A. Matthews

Corbett

December 2, 1965

Ratherford Unit, San Juan County, Utah -
Application No. 32773 - Request for Extension
of Time to Make Proof of Appropriation

Mr. R. M. Williams (2)
Legal Department

Phillips' Application No. 32773 to the State of Utah for appropriation of water to be used in the Ratherford Unit project was approved on September 5, 1961. One condition of the approval was that a proof of appropriation be submitted by February 28, 1963. Subsequently an extension was granted and the proof of appropriation is now due on February 28, 1966. It is not possible to determine at this time the quantity of water that will ultimately be required and this is to request your assistance in obtaining an additional extension of time before it is necessary to file the proof.

Attached is a copy of Mr. C. M. Boles' letter dated November 23, 1965, which transmits a copy of an unexecuted application for an extension of time for filing the proof from February 28, 1966, to February 28, 1971. Please examine the application as to form and, if it is acceptable, forward it to Mr. J. E. Chrisman, who will arrange for its execution. If it is your opinion that the legal firm of Senior and Senior should file the application, as was done previously, please so advise and the executed application will be returned to you.

Shofner Smith

JEC:gm
Attach.

cc: Messrs. C. W. Corbett
Attn. T. L. Osborne
C. M. Boles

12/8/65
HSC

AK

JK

Copied for
C. M. Boles
4-18-62 EFL:ml

THE STATE OF UTAH
OFFICE OF THE STATE ENGINEER
SALT LAKE CITY

March 26, 1962

RECEIVED
APR 2 - 1962
PRODUCTION
DEPARTMENT

Phillips Petroleum Company
Bartlesville,
Oklahoma

Gentlemen:

RE: APPROVED APPLICATION NO. a-4025

Enclosed find Application No. a-4025 which has been approved by me. This approved Application is your authority to proceed with actual construction work which, under Sections 73-3-10 and 73-3-12, Utah Code Annotated 1953, as amended, must be diligently prosecuted to completion. The water shall be put to beneficial use and proof of appropriation filed with the State Engineer, as provided in the original application as amended by this approved change Application.

Failure on your part to comply with the requirements of the statutes may result in forfeiture of your Application.

Yours truly,

Wayne D. Criddle

Wayne D. Criddle
STATE ENGINEER
403 STATE CAPITOL
SALT LAKE CITY, UTAH

ADDRESS ALL COMMUNICATIONS TO:

js
Encl: Copy of approved application

CHANGE APPLICATION APPROVED

(Form for pending original Application)



Copied for
C. M. Boles
11-3-61 SS:mll

THE STATE OF UTAH
OFFICE OF STATE ENGINEER

WAYNE D. CRIDDLE
STATE ENGINEER

SALT LAKE CITY
October 30, 1961

Issue Date: October 30, 1961
Expiration Date: April 30, 1962

Phillips Petroleum Company
c/o Senior and Senior, Attorneys
#10 Exchange Place
Salt Lake City 11, Utah

Gentlemen:

RE: APPROVED APPLICATION NO. 32773 AND
CHANGE APPLICATION NO. a-4025

This is to acknowledge receipt of your Permanent Change Application No. a-4025, which proposes to change the point of diversion of 8.0 sec.-ft. of water initiated by Application No. 32773. The water was to have been diverted from ten 12.75-inch O.D. wells located within S $\frac{1}{2}$ N $\frac{1}{2}$ NE $\frac{1}{4}$ and SE $\frac{1}{4}$ NE $\frac{1}{4}$ of Sec. 5, T41S, R24E, SLB&M. It is now proposed to divert the 8.0 sec.-ft. of water from a total of 31 wells 12.75 inches O.D. between 35 and 50 ft. deep, ten of these being the same as heretofore described and thirty-one wells to be located within NW $\frac{1}{4}$ Sec. 3, NE $\frac{1}{2}$ Sec. 4, NW $\frac{1}{4}$ Sec. 5, T41S, R24E, SLB&M. The water is to be used for pressure maintenance and secondary recovery purposes as heretofore.

You have requested permission to proceed immediately with the drilling of these additional 31 wells. This letter grants you that privilege with the understanding that all risks as regards water rights are being assumed by you.

If other than new standard casing is to be used in these wells, such casing must be inspected and approved by a representative from this office. All wells must be so constructed and finished that they may be readily controlled at all times, in order to prevent waste of underground water. Wells must be drilled and cased in such a manner that will prevent the infiltration of contaminated water into them.

The driller must be bonded and have a current permit from the State Engineer. Before commencing, he must give this office notice as to the day he will begin drilling. Also, within 30 days after the well has been completed or abandoned, he must file a well driller's report for each well. These reports are to contain accurate and complete information regarding the work done and become part of the files in this office pertaining to the above-numbered filings.

This is permission for a licensed driller to begin drilling your wells.

Please note that the expiration date of this letter is April 30, 1962.

Yours truly,

Wayne D. Criddle
Wayne D. Criddle
STATE ENGINEER

RECEIVED

OCT 31 1961

SENIOR

ds

*Lewis
Harris
file/SS*

October 13, 1961

AIRMAIL

Mr. Clair M. Senior
Senior & Senior
Attorneys at Law
10 Exchange Place
Salt Lake City, Utah

Re: Alternate or Additional Source of Water
for the Ratherford Unit, San Juan County, Utah

Dear Clair:

Herewith in triplicate is completed and signed application to the Utah State Engineer for additional and alternate points of diversion for water for water-flood purposes in the Ratherford Unit. I would appreciate it if you would handle this matter with the Water Engineer and, as diplomatically as possible, urge upon him the importance of expediting the matter as much as possible.

Having gotten these papers back from the Production Department too late to get a check for the filing fee, I would ask that you advance the fee and, upon being billed, I will send you the check.

If you need any additional information, please advise.

Very truly yours,

RMW:jd
Enclosures

R. M. Williams

cc - Mr. Shofner Smith ✓

2-10-61

3 copies transmitted
Claim Session
10-13-67
Bob will do

STAMPENSE
Legal

Application for Permanent Change of Point of Diversion, Place and Nature of Use of Water STATE OF UTAH

Do not fill out this blank until you have read carefully and thoroughly understand the "Rules and Regulations" on the back hereof and all the notes in the body of it.

For the purpose of obtaining permission to permanently change the point of diversion, ~~place or nature of use of~~ (Strike out written matter not needed)

water right acquired by..... original Application No. 32773
(Give No. of Application, certificate of appropriation, title and date of Decree or other identification of right)

to that hereinafter described, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

- The name of the applicant is Phillips Petroleum Company
- The post-office address of the applicant is Bartlesville, Oklahoma
- †The flow of water which ~~has been or~~ was to have been used in second-feet is 8
- †The quantity of water which has been or was to have been used in acre-feet is XX
- †The water ~~has been or~~ was to have been used each year from January 1 to December 31 incl.
(Month) (Day) (Month) (Day)
- †The water has been or was to have been stored each year from XX to XX incl.
(Month) (Day) (Month) (Day)
- The drainage area to which source of supply belongs is..... (Leave blank)
- The direct source of supply is Underground water and subsurface flow of San Juan River
in San Juan County.

9. †The point/s of diversion as described in the original Application ~~or the point at which the water has been diverted if~~ ^{are} situated at 1 point/s in Section 5, T. 41S., R. 24E as more particularly set out in the original Application No. 32773.

10. †The water involved ~~has been or~~ was to have been used for the following purposes:
Pressure maintenance and secondary recovery purposes

Total XX Acres.

NOTE—If for irrigation, give legal subdivision of land and total acreage which has been or was to have been irrigated. If for other purposes, give nature, place and extent of use or proposed use.

11. †The point at which water has been or was to have been returned to the stream channel is situated as follows: XX

NOTE—The above space is to be filled in only when all or part of the water is returned to the natural stream or channel.

The Following Changes Are Proposed

- The flow of water to be changed in cubic feet per second is No change
- The quantity of water to be changed in acre-feet is XX
- The water will be used each year from January 1 to December 31 incl.
(Month) (Day) (Month) (Day)
- The water will be stored each year from XX to XX incl.
(Month) (Day) (Month) (Day)
- The point at which it is now proposed to divert the water is situated (See note) See explanatory

NOTE—The "point of diversion," or "point of return," must be located by course and distance or by rectangular distances with reference to some regularly established United States land corner or United States mineral monument if within a distance of six miles of either, or if a greater distance, to some prominent and permanent natural object.

17. The proposed diverting and conveying works will consist of wells and conveyance pipe as explained in original Application No. 32773.

18. The cross-section of the diverting channel will be. ~~XXXXXXXXXX~~
(Strike out ones not needed)

19. The nature of the diverting channel will be: ~~earth, wood, iron, concrete.~~
(Strike out the ones not needed)

†Strike out written matter not needed.



W.D. Criddle
S. Smith

THE STATE OF UTAH
OFFICE OF STATE ENGINEER
SALT LAKE CITY

September 11, 1961

RECEIVED
WAYNE D. CRIDDLE
STATE ENGINEER
PRODUCTION
DEPARTMENT

Phillips Petroleum Company
Bartlesville,
Oklahoma

Gentlemen:

RE: APPROVED APPLICATION NO. 32773

Enclosed find Approved Application No. 32773. This is your authority to proceed with actual construction work which, under Sections 73-3-10 and 73-3-12, Utah Code Annotated, 1953, as amended, must be diligently prosecuted to completion. The water shall be put to beneficial use and proof of appropriation made to the State Engineer on or before ~~February 28, 1961~~ otherwise the application will lapse.

Failure on your part to comply with the requirements of the statutes may result in forfeiture of this application.

Note error in date
Oct 9/1961

Yours truly,

Wayne D. Criddle

Wayne D. Criddle
STATE ENGINEER
STATE CAPITOL BUILDING
SALT LAKE CITY, UTAH

ADDRESS ALL COMMUNICATIONS TO:

js
Encl: Copy of approved application

APPLICATION APPROVED

NOTICE TO APPLICANT

The approval of this Application is not a certificate of change. It is merely your authority to begin construction work, which must be diligently prosecuted to completion. To secure a certificate of change under this Application proof of change must be submitted within the time limit allowed by the State Engineer. The amount of water for which certificate will be issued will depend upon the amount of water actually put to a beneficial use, not to exceed, however, the amount of water covered by the original right. For further information write the State Engineer.

RULES AND REGULATIONS

Applicants will save time and expense by familiarizing themselves with the law before making Applications.

If the reservoir is to be located on the channel of the source from which the water is to be appropriated, it should be so stated under explanatory, and—

1. The location of the impounding dam should be described in Paragraph 16.
2. The point where the released storage will be rediverted from the natural stream should be described under explanatory in accordance with the note under Paragraph 16.

When the water is to be stored in other than the natural channel of the source from which it is to be appropriated, it should be so stated under explanatory, and—

1. The point of diversion from the supplying source should be described in Paragraph 16.
2. The intersection of the longitudinal axis of impounding dam and centerline of stream channel or drainage and a similar point where the released storage will be rediverted from a natural channel should be described under explanatory in accordance with the note under Paragraph 16.

In all cases Paragraphs 17 to 27, incl., should describe the proposed diverting and carrying works, exclusive of natural channels, even if already constructed in whole or in part.

If it is proposed to collect the water of a number of springs or other sources at a common point, said point should be described as the point of collection in Paragraph 16, and the point of diversion from each source should also be described under explanatory in accordance with the note in Paragraph 16. The quantity of water sought from each source should be indicated under explanatory, the total equaling the quantity specified in Paragraphs 12 or 13. Where the source of supply is in reality a spring area, the point of diversion is the point where the water is collected; in such case the exterior boundary of the spring area must be described under explanatory by metes and bounds and located with reference to the same point as used in describing the point of collection and as outlined by the note under Paragraph 16.

No enlargement of an original water right may be made by a change Application, either as to quantity of water covered, period of use or otherwise.

When there are two or more coapplicants the Application must be accompanied by a power of attorney.

The applicant's permanent address should be given in Paragraph 2, and the State Engineer notified promptly of any change in address; otherwise applicant may lose rights initiated by Application by failing to receive notices sent from the State Engineer's office.

No Application or other paper pertaining to an Application will be marked received unless accompanied with the required filing fee.

Applications accepted and numbered by the State Engineer, when returned to applicant for correction or additions, must be amended with red ink. Erasures must not be made, but any matter may be eliminated by running a red line through it. Corrected Applications must be resubmitted to the State Engineer's office, within sixty days from the date of State Engineer's letter returning Application for correction; otherwise the priority of the right to change will be brought down to date corrected Application is resubmitted.

Applicants will be informed by the State Engineer's office when cost of publishing notice of Application is due, and must advance cost within sixty days after date of notice, otherwise Application will lapse.

Fees Required by Law Payable to State Engineer

For examining and filing Applications for change of point of diversion, place and nature of use.....	\$2.50
For approving and recording Applications for change of point of diversion, place and nature of use.....	\$2.50
For filing written proof of change.....	\$1.00
For examining maps, profiles and drawings that are part of the proof of change.....	\$5.00
For issuing certificate of change.....	\$1.00

NOTE—In addition to the above fees applicants must pay the cost of publication of "Notice to Water Users" concerning the proposed change.

EXPLANATORY - contd. from printed form.

The additional alternative points of diversion from the source are in Section 3, T. 41S., R. 24E., San Juan County, Utah, situate at points as follows:

<u>Diversion Point</u>	<u>From West Line</u>	<u>From North Line</u>	<u>Subdivision</u>
1	100'	1780'	
2	365'	1780'	SW $\frac{1}{2}$ NW $\frac{1}{2}$
3	630'	1770'	"
4	900'	1620'	"
5	1170'	1620'	"
6	1400'	1600'	
7	1530'	1600'	SE $\frac{1}{2}$ NW $\frac{1}{2}$
8	1900'	1600'	"
9	2150'	1620'	"
10	2400'	1700'	"
11	2640'	1750'	"
12	2900'	1810'	
13	3180'	1900'	SW $\frac{1}{2}$ NE $\frac{1}{2}$
14	3400'	1950'	"
15	3650'	2050'	"
16	3870'	2225'	"
17	4100'	2450'	
18	4250'	2700'	SE $\frac{1}{2}$ NE $\frac{1}{2}$
19	4380'	2975'	NE $\frac{1}{2}$ SE $\frac{1}{2}$
20	4420'	3250'	"

RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON FLAT MAP.

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER _____

UNIT Rutherford

c-3-b

c-3-c

CHECK DISTANCE TO NEAREST WELL.

CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

August 10, 1983

Phillips Petroleum Company
P. O. Box 2920
Casper, Wyoming 82602

RE: Well No. Rutherford Unit #21-15
NWSW Sec. 21, T. 41S, R. 24E
San Juan County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure. Prior to spudding, a copy of the Utah Division of Water Rights (801-533-6071) approval for use or purchase of drilling water must be submitted to this office, otherwise this approval is void.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

RONALD J. FIRTH - Chief Petroleum Engineer
Office: 533-5771
Home: 571-6068

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-037-50921.

Sincerely,


R. J. Firth
Chief Petroleum Engineer

RJF/as
cc: Branch of Minerals (Salt Lake & N.Mex.)
Bureau of Indian Affairs
Encl.

EXPLANATORY

The following additional facts are set forth in order to define more clearly the full purpose of the proposed application:

ITEM 7

The water will be pumped from the diversion area to the oil field where the water will be injected under pressure through deep wells into the petroleum-bearing formations for pressure maintenance and secondary recovery purposes.

ITEM 8

The point or points of diversion from the source will be in Section 5, T41S, R24E SIM, San Juan County, situated as follows: From that point at which the south bank of the river channel intersects the east line of Section 5, T41S, R24E, to that point at which the South bank of river channel intersects the North line of Section 5, T41S, R24E.

Diversion will be from one or more wells or infiltration galleries to be drilled in the alluvial fill and to be located as close to the South bank of the river channel as is practical within the east-west limits as above defined. Specific location and number of diversion points will be determined by a hydrographic survey and/or producing characteristics of wells to be drilled. The aggregate withdrawal, the rate of which is not to exceed that specified in this application, will be commingled in a conveyance works described in greater detail herein.

ITEM 9

The diverting and carrying works will consist of 12-1/4" diameter wells, cased with 35 to 50 feet of 8-5/8 inch outside diameter pipe to be drilled to depths of from 35 feet to 50 feet and about 12,000 feet of 10-3/4 inch conveyance pipe to places of use.

ITEM 20

Township 41 South, Range 23 East, SIM S/2 Sec. 1; SE/4 Sec. 2; E/2 Sec. 11; All Sec. 12; All Sec. 13, E/2 Sec. 14, NE/4 Sec. 24.

Township 41 South, Range 24 East, SIM

All Sections 3, 4, 5, 6, 7, 8, 9, 10; W/2 Sec. 11, W/2 Sec. 14; All Sections 15, 16, 17, 18, 19, 20, 21; NW/4, W/2 SW/4 Sec. 22; W/2 NE/4, NW/4, W/2 SW/4 Sec. 28; All Sections 29, 30; N/2 Sec. 31; N/2 Sec. 32.

Said described lands, which are in San Juan County, Utah, constitute the Rutherford portion of the Greater Aneth Area oil field.

Continued on page 4

(Use page 4 if additional explanatory is needed.)

The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purpose herein described.

PHILLIPS PETROLEUM COMPANY

By: *L. E. Fitzgerald*
Signature of Applicant

VICE PRESIDENT OF PRODUCTION

*If applicant is a corporation or other organization, signature must be the name of such corporation or organization by its proper officer, or in the name of the partnership by one of the partners, and the names of the other partners shall be listed. If a corporation or partnership, the affidavit below need not be filled in. If there is more than one applicant, a power of attorney, authorizing one to act for all, should accompany the Application.

DECLARATION OF CITIZENSHIP

STATE OF UTAH, }
County of..... } ss

On the day of 19..... personally appeared before me, a notary public for the State of Utah, the above applicant who, on oath, declared that he is a citizen of the United States, or has declared his intention to become such a citizen.

My commission expires:

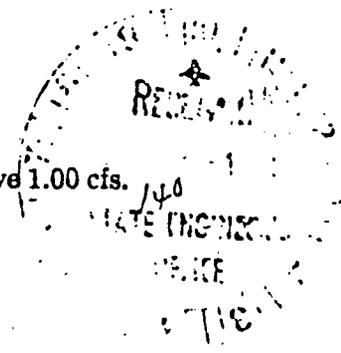
(SEAL)

Notary Public

FEEES FOR APPLICATIONS TO APPROPRIATE WATER IN UTAH

Flow rate — c.f.s.	Cost
0.0 to 0.1.....	\$ 10.00
over 0.1 to 0.5.....	20.00
over 0.5 to 1.0.....	30.00
over 1.0 to 15.0.....	30.00 plus \$5/cfs above 1.00 cfs.
over 15.0.....	100.00

Storage — acre-feet	Cost
0 to 20.....	15.00
over 20 to 500.....	30.00
over 500 to 7500.....	30.00 plus \$5/500 a. f. above first 500
over 7500.....	100.00



(This section is not to be filled in by applicant)

STATE ENGINEER'S ENDORSEMENTS

10:00 a.m.

1. Feb. 27, 1961 Application received by mail over counter in State Engineer's office by...

2. Priority of Application brought down to, on account of...

3. Feb. 27, 1961 Application fee, \$15.00, received by... Rec. No. 02265

4. Mar. 10, 1961 Application photostated in book 711.32 page 357, and indexed by...

5. Application plotted by... aac-(6)abd-(6)abd-(7)abd-(1)abc (Jabc f(1)bad

6. April 7, 1961 Application examined by: ME

7. Application returned, or corrected by office...

8. Corrected Application resubmitted over counter by mail to State Engineer's office.

9. April 7, 1961 Application approved for advertisement by: ME

10. June 16, 1961 Notice to water users prepared by: R. K. H

11. June 29, 1961 Publication began; was completed July 13, 1961 Notice published in Salt Lake Record, Monticello, Utah

12. June 27, 1961 Proof slips checked by: S. J. S

13. Application protested by...

July 25, 1961. Publisher paid me 22-1016.00

14. Hearing held by...

15. Field examination by...

16. Sept 5, 1961 Application designated for approval rejection

17. Sept. 11, 1961 Application copied or photostated by: T.E. proofread by...

18. Sept. 11, 1961 Application approved rejected

19. Conditions:

This Application is approved, subject to prior rights, as follows:

a. Actual construction work shall be diligently prosecuted to completion.

b. Proof of Appropriation shall be submitted to the State Engineer's office by Feb. 28, 1963

c. ...

Wayne D. Criddle State Engineer

20. Time for making Proof of Appropriation extended to...

21. Proof of Appropriation submitted.

22. Certificate of Appropriation, No. ..., issued

EXPLANATORY CONTINUED

The use of the applied for water for the planned pressure maintenance and secondary recovery operations will permit the recovery of substantial quantities of oil and gas which would otherwise not be recovered.

NOTICE TO APPLICANT

All waters in this state, whether above or under the ground, are the property of the public, subject to all existing rights to the use thereof. No appropriation of the unappropriated public water may be made and no rights to the use thereof shall be recognized except Application for such appropriation first be made to the State Engineer.

The approval of this Application is not a Certificate of Appropriation. It is merely your authority to begin construction work, which must be prosecuted diligently to completion. To secure a Certificate of Appropriation under this Application, Proof of Appropriation must be submitted within the time limit allowed by the State Engineer. The amount of water for which Certificate will be issued will depend upon the amount of water actually put to a beneficial use, not to exceed, however, the amount of water specified in this Application. Proof of Appropriation must be made in accordance with the requirements of the law. For further information write the State Engineer.

Lease No. 14-20-603-355
Communitization Agreement No. NA
Field Name Greater Aneth
Unit Name Ratherford Unit (SW-I-4192)
Participating Area Paradox
County San Juan State Utah
Operator Phillips Petroleum Company

MONTHLY REPORT
OF
OPERATIONS

Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of October, 19 83

(See Reverse of Form for Instructions)

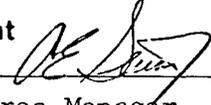
This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
21-13	Sec 21 NW SW	41S	24E	DRG		INITIAL REPORT			
						MI Dry Hole Digger 10/23/83. Drld 18" conductor hole to 101'. Set 3 jts 13-3/8" 54.5# K-55 ST&C Csg at 101' GL, cmtd w/150 sx Class B. Circ 2 bbls cmt. Plug Down at 6:00 am, 10/25/83. WOC & RD Dry Hole Digger 10/25/83.			
						Present Operation as of November 1, 1983 - TD 101. Waiting on Rotary Rig.			

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	_____	_____	_____
*Sold	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Injected	_____	_____	_____
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	_____
*Other (Identify)	_____	_____	_____
*On hand, End of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	_____	_____	XXXXXXXXXXXXXXXXXXXX

Authorized Signature:  A. E. Stuart Address: Box 2920, Casper, WY 82602
Title: Area Manager Page 1 of 1

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(12/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. 14-2103-355
 Communitization Agreement No. NA
 Field Name Greater Aneth
 Unit Name Ratherford Unit (SW-I-4192)
 Participating Area Paradox
 County San Juan State Utah
 Operator Phillips Petroleum Company
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of November, 19 83

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & ¼ of ¼	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
21-13	Sec. 21 NW SW	41S	24E	DRG					Present Operation as of December 1, 1983 - TD 101'. Waiting on Rotary Rig.

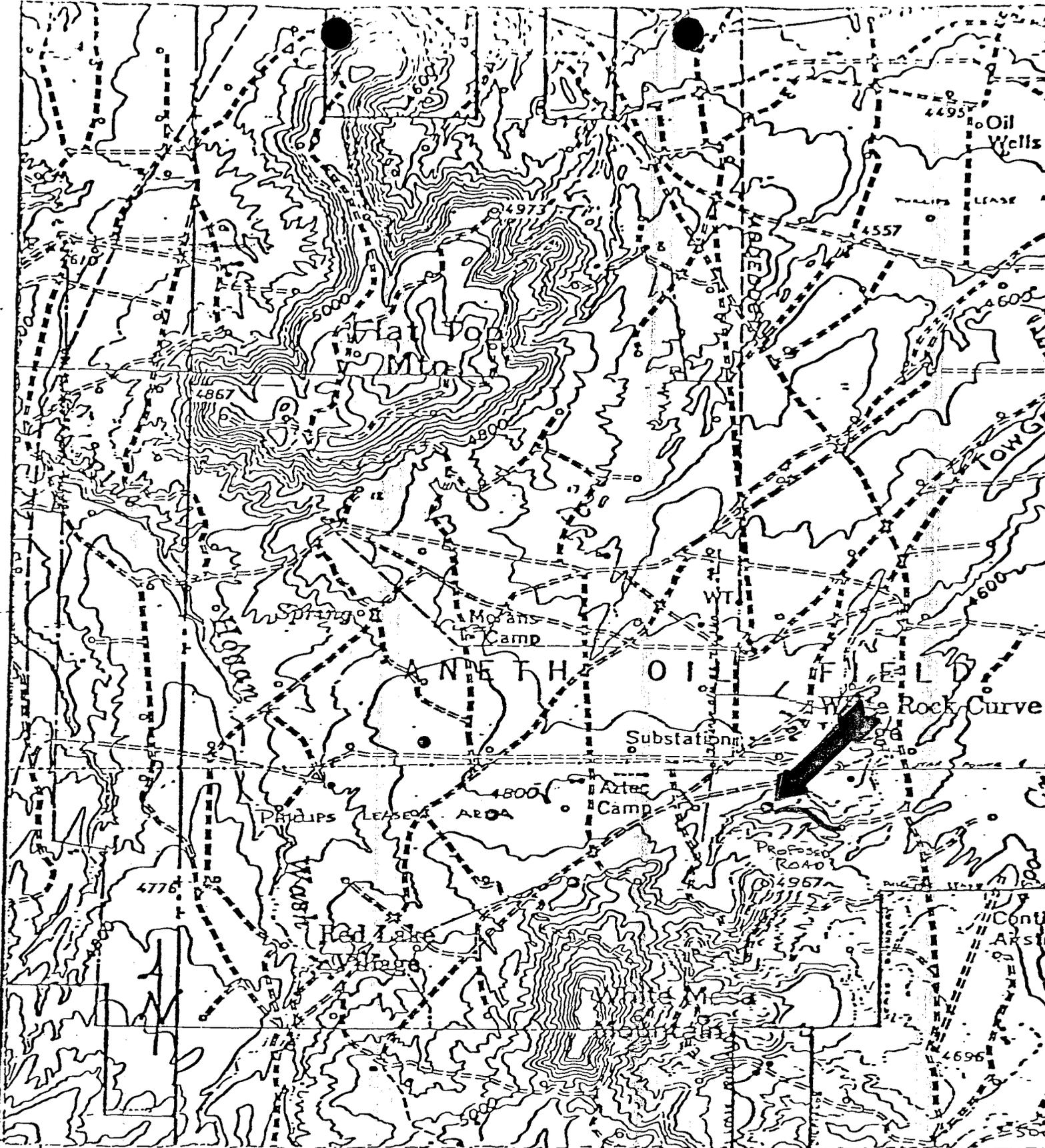
*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

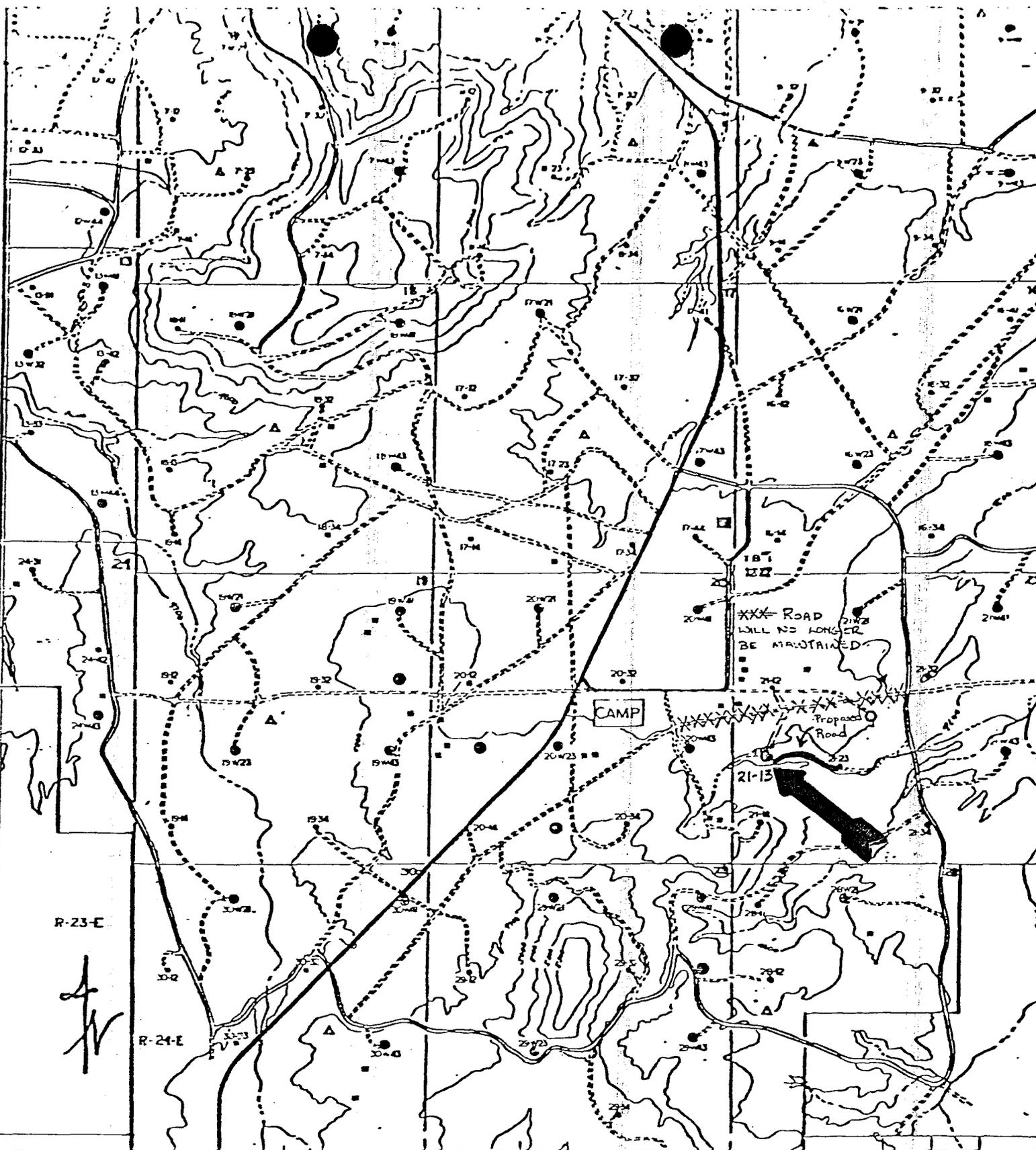
	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	_____	_____	_____
*Sold	_____	_____	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXX
*Used on Lease	_____	_____	XXXXXXXXXXXXXXXXXX
*Injected	_____	_____	_____
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	_____
*Other (Identify)	_____	_____	_____
*On hand, End of Month	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	_____	_____	XXXXXXXXXXXXXXXXXX

Authorized Signature:  A.E. Stuart Address: P.O. Box 2920, Casper, WY 82602

Title: Area Manager Page 1 of 1



NO.	REVISION	BY	DATE	CHKD	APP'D
FOR BIDS	PHILLIPS PETROLEUM COMPANY		JA NO.	FILE CODE	
FOR APPR				AFE NO.	SCALE
FOR CONST	RATHERFORD UNIT WELL 21-13 PROPOSED NW SW SEC. 21-T 41S-R 24E SAN JUAN CO. UTAH				2" = 1 MI.
DRAWN	CJW		DWG NO.		
CHECKED			SH		
APP'D					



NO.	REVISION	BY	DATE	CHKD	APP'D
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FOR BIDS
FOR APPR
FOR CONST

PHILLIPS PETROLEUM COMPANY

JA NO. FILE CODE
AFE NO. SCALE

DRAWN
CHECKED
APP'D

RATHERFORD UNIT WELL 2H-13.
PROPOSED ROAD PLAT
NW SW SEC. 21-T 41S-R 24E
SAN JUAN CO., UTAH

DWG NO.
SH NO.

CJW

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 Lease road

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:
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

5. LEASE
14-20-603-355

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. FIELD OR WILDCAT NAME
Greater Aneth

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 21 T41S - R24E

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

14. API NO.

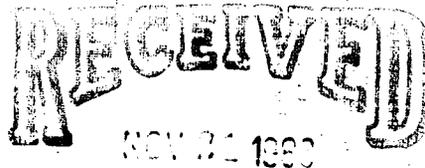
15. ELEVATIONS (SHOW DF, KDB, AND WD)

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

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

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

Approval is requested, contingent on securing Archaeological clearance and residents approval, to construct an access road as shown on the attached plats. Approximately 1320' of new lease road, 20' wide, will be built using native soil.



DIVISION OF OIL, GAS & MINING @ _____ Ft.

Subsurface Safety Valve: Manu. and Type _____

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

SIGNED A. E. Stuart TITLE Area Manager DATE Nov. 15, 1983

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

- 5-BLM-Farmington
- 4-Utah O&G CC SLC, Utah
- 1-J.L. Whitmire (r) T. C. Doughty
- 1-T.M. Isaacs
- 1-File

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. 14-20-355
Communitization Agreement No. NA
Field Name Greater Aneth
Unit Name Ratherford Unit (SW-I-4192)
Participating Area Paradox
County San Juan State Utah
Operator Phillips Petroleum Company
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of December, 19 83

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
21-13	Sec. 21 NW SW	41S	24E	DRG		Present Operation as of January 1, 1984 - Drilling at 4325'. MI & RU Four Corners, Rig #5, 12/23/83. Drld rat & mouse hole. Spudded 12-1/4" surface hole at 12:00 midnight, 12/25/83. Drld to 1600'. Ran 43 jts (1603') 9-5/8" 36# 8Rd K-55 csg set at 1593', float at 1591'. RU Dowell. Cmtd w/300 sx Class B cmt w/20% Diacel-D, 1/4#/sx Celloflakes, 2% CaCl2, 12.4 ppg slurry, followed w/300 sx Class B w/1/4#/sx Celloflakes, 2% CaCl2, 15.6 ppg. Displd w/123 BW. Weld on 9-5/8" casinghead. Test weld to 3000 psi for 10 min. NU and tested BOP's to 3000 and 300 psi. Drld FC, 40' cmt, shoe & Drld to 4325'. Mud 9.7, Vis 34, WL 15.8..			

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	_____	_____	_____
*Sold	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Injected	_____	_____	_____
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	_____
*Other (Identify)	_____	_____	_____
*On hand, End of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	_____	_____	XXXXXXXXXXXXXXXXXXXX

Authorized Signature:  A.F. Stuart Address: P.O. Box 2920, Casper, WY 82602
Title: Area Manager Page 1 of 1

DAILY REPORT DETAILED

LEASE RATHERFORD UNIT

WELL NO. 21-13

SHEET NO. 2

1983 DATE TOTAL DEPTH NATURE OF WORK PERFORMED

December

30

12/30/83 AFE: U860

D 3230. DRLD TO 3230', 903'. TRIP FOR BIT. SURVEYS - 3/4 DEG AT 2758' AND 2861'. MUD 9.6, VIS 35, WL 17.8.

Dec 31

Jan 3, '84

01/03/84 AFE: U860

D 4844. 12/31/83 - DRLD TO 3886', 656'. SURVEY - 3/4 DEG AT 3355'. MUD 9.0, VIS 34, WL 17. 1/1/84 - DRLD TO 4325', 439'. SURVEY - 1 DEG AT 3894'. MUD 9.7, VIS 34, WL 15.8. 1/2/84 - DRLD TO 4600', 275'. SURVEY 1-1/4 DEG AT 4353'. MUD 9.8, VIS 36. 1/3/84 - DRLD TO 4844', 244'. MUD 9.8, VIS 35, WL 14.0.

01/04/84 AFE: U860

D 5059. DRLD TO 5059', 215'. MUD 10.0, VIS 36, WL 14.4.

01/05/84 AFE: U860

D 5230. DRLD TO 5230', 171'. MUD 11.0, VIS 44, WL 10.8.

01/06/84 AFE: U860

D 5391. DRLD TO 5391', 161'. MUD 11.3, VIS 43, WL 9.2.

01/09/84 AFE: U860

7-9

TD 5582, PBD 5536. CIRC CSG PRIOR TO CMTG. 1/7/84 - DRLD TO TD 5582'. 1/6/84. MADE SHORT TRIP. OK. CIRC & COND HOLE. DROP SURVEY & COOH. SURVEY MISRUN. WO LOGGERS. MUD 11.2, VIS 40. 1/8/84 - WO LOGGERS. WELL STARTED FLWG. RAISE MUD WT FROM 11.2 TO 14.5. WELL UNDER CONTROL. MUD 14.5, VIS 59. 1/9/84 - CIRC & COND MUD AT 14.5 PPG. CHECK FOR FLOW. MADE SHORT TRIP. OK. SLM COH. RU BEARHART. RUN DLL-MSFL-GR-CNL CDL TO 5578'. WIH & CIRC HOLE. COOH. LDDP. CHG RAMS. RU CSG CREW. RUN 136 JTS 7" 23# & 24# K-55 CSG SET AT 5582' FC AT 5536' PBD. NOW CIRC CSG. MUD 14.5, VIS 51.

01/10/84 AFE: U860

10

PBD 5536. RD. CMTD CSG AS FOLLOWS - PUMPED 20 EBL CHEMICAL FLUSH W/400 SX CLASS B CMT W/20% DIACEL-D, 10% SALT 10#/SX KILITE & 1/4#/SX CELLOFLAKES, SLURRY WT 12.2 PPG. FOLLOWED W/300 SX CLASS B CMT W/18% SALT, 0.75% D-59 & 1/4#/SX CELLOFLAKES. SLURRY WT 15.8 PPG. PD AT 7:30 AM. TESTED CSG TO 1500 PSI FOR 10 MIN. FLOAT HELD. RELEASED RIG AT 9:30 AM, 1/9/84. START RDRT.

01/11/84 AFE: U860

PBD 5536. FIN RDRT. NOW WO COMPLETION UNIT.

01/12/84 AFE: U860

PBD 5536. WO COMPLETION UNIT.

01/13/84 AFE: U860

PBD 5536. WO COMPLETION UNIT.

01/16/84 AFE: U860

PBD 5536. 1/14/84 THRU 1/16/84 - WO COMPLETION UNIT.

14-16

DAILY REPORT DETAILED

LEASE RATHERFORD UNIT

WELL NO. 21-17

SHEET NO. 3

DATE TOTAL DEPTH NATURE OF WORK PERFORMED

1984

January

01/17/84 AFE: U860

PBTD 5536. WO COMPLETION UNIT..

01/18/84 AFE: U860

PBTD 5524. MI & RU COMPLETION UNIT 1/17/84. NU 6" 3000 PSI BOP AND TSTD SAME. OK. PU 6-1/8" BIT, 7" SCRAPER & WIH, TAG CMT AT 5493'. RU POWER SWIVEL. DRLD OUT CMT TO 5524' NEW PBTD. ROLLED HOLE W/220 BBLs LSE WTR. PRESS TEST CSG TO 1500 PSI FOR 10 MIN, OK. COOH. SDON..

01/19/84 AFE: U860

PBTD 5524. FIN COOH W/BIT & SCRAPER. RU BASIN PERFORATORS. RUN CBL-VDL-GR FROM 5524-1600' (CMT TOP ABOVE SURF. PIPE). NU LUBRICATOR & TEST TO 1000 PSI. PERFORATED 5463-5469' & 5473-5498', 2 SPF, 4" HOLLOW STEEL CARRIER GUN, DML 23 CHARGES. 44" HOLE, 120 DEG PHASING, 63 SHOTS. PRESS 2 PSI AFTER SHOOTING WELL. FLOWING 1 GAL/15 MIN. RD BASIN PERFS. PU 4 JTS TAILPIPE & BAKER R-3 PKR. WIH TO 2212'. SDON..

01/20/84 AFE: U860

PBTD 5524. SWBG WELL. 24 HRS TP AT 7:30 AM, 1/19/84 - 725 PSI. RU PUMPS AND ROLL HOLE. FIH GIH W/PKR. WELL WAS FLWG SML AMT, 5 GAL/MIN. SET PKR AT 5322' TAILPIPE AT 5455'. RU WELLHEAD TO FLOW TO FRAC TANK. FLWD 2 HRS, REC 6-1/2 BW. SWBD WELL TO 4900'. REC 30 BW. SD 1/2 HR. RAN SWAB, TAGGED FLUID AT 3800'. GIVING UP ENTRY RATE OF 12 BPH. ON FINAL SWAB RUN, HAD A TRACE OF OIL. FLWD & SWBD TOTAL OF 41 BW. SDON W/WELL OPEN TO FRAC TANK. FLWD 70 BW & 3 BO OVERNIGHT, 14 HRS.

01/23/84 AFE: U860

PBTD 5524. 1/21/84 - SWBD WELL TO 4900'. REC 29 BW, 1/2 BO. RELEASED PKR & REVERSED OUT W/40 BBLs LSE WTR. COOH W/PKR. SD WOO. WIH W/PKR, SET PKR AT 5253'. TAILPIPE AT 5386'. FLWD WELL TO FRAC TANK FOR 16 HRS. REC 75 BW, NO OIL. TOTAL WTR IN 24 HRS - 144 BBLs. TOTAL OIL - 1/2 BBL. SHUT-IN TO RUN NOISE TEMP LOG. 1/22/84 - NU WELLHEAD. WELLHEAD PRESS 900 PSI. RELEASED RIG AT 10:00 AM, 1/21/84. WAITING TO RUN NOISE TEMP LOG. 1/23/84 - WELLHEAD PRESS 900 PSI. START RU TO RUN NOISE TEMP LOG..

01/24/84 AFE: U860

PBTD 5524. FLOWING WELL TO RUN TEMP LOG. RU MCCULLOUGH, RAN TEMP SURVEY 5300-5518' W/WELL SHUT-IN. RAN NOISE LOG 5390-5522' W/WELL SHUT-IN. RAN NOISE LOG 5390-5522' W/WELL FLOWING. NOISE LOG INDICATES FLOW COMING FROM BELOW BTM PERFS. WILL DETERMINE IF WELL IS SQUEEZEABLE IN PRESENT CONDITION AFTER TEMP LOG IS RUN THIS AM..

01/25/84 AFE: U860

PBTD 5524. RAN TEMP LOG W/WELL FLOWING FROM 5520-5300'. HAD INCR OF BTM HOLE TEMP OF 1-1/4 DEG. TEMP GRADIENT INCR 1 DEG AFTER FLWG WELL OVER STATIC CONDITIONS. RU HOWCO. TAKE PMPG RATE - PUMP 4 BBLs LSE WTR AT 1 BBL/MIN AT 2700 PSI. RD HOWCO. SHUT WELL IN..

DAILY REPORT DETAILED

LEASE RATHERFORD UNIT

WELL NO. 21-13

SHEET NO. 4

1984 DATE TOTAL DEPTH
NATURE OF WORK PERFORMED

January

26

01/26/84 AFE: U860

FBTD 5524. WELL SHUT-IN; WAITING TO SQUEEZE..

01/27/84 AFE: U860

27

FBTD 5524. SHUT-IN 24 HRS. SITP 1000 PSI. START MI BIG A WS UNIT.

01/30/84 AFE: U860

28-30

FBTD 5504. DRLD CMT. 1/28/84 - FIN MI BIG A WS UNIT 1/27/84 HELD SAFETY MEETING. BLEED DOWN WELL. NO WELLHEAD. NO BOP. TSTD PIPE RAMS TO 3000 PSI. COOH W/TBG & PKR. RU TEST PLUG. TSTD BLIND RAMS TO 3000 PSI. RU GUIBERSON RETRIEVABLE CMT RETAINER. WIH W/164 JTS 2-7/8" TG. 1/29/84 - SET PKR. ESTABLISHED INJ RATE 1-1/2 BPM AT 2700 PSI, 1000 PSI ON ANNULUS. FMPD 100 SX CLASS B W/2% CACL2, .9% HALAD-9. MIXED AT 15.6 PPG. 23 BBLs SLURRY. SQUEEZED TO 4000 PSI. BLEED BACK TO 3500 PSI IN 5 MIN. REV OUT 10 BBLs CMT. COOH. PULLED MANDREL OUT OF PKR. LEFT PKR IN HOLE. WIH W/GUIBERSON OS. COULD NOT GET OVER PKR. REV OUT; 1 CIRC. COOH. SDON: 1/30/84 - WIH W/5-3/4" BOWEN OS, 2-3/4" BASKET GRAPPLE, 2-7/8" MILL CONTROL, JARS & BUMPER SUB. JARRED 6 TIMES W/17-1/2" 20.000# OVER PULL. CAME LOOSE. COOH. LD FISH & TOOLS. WIH W/6-1/8" BIT & 7" CSG SCRAPER. DRLD HARD CMT FROM 5452-5504'..

01/31/84 AFE: U860

31

FBTD 5524. GIH W/BAKER PKR. FIN DRLG OUT CMT FROM 5504' TO NEW FBTD 5524'. CIRC WELL CLEAN. TESTED SQUEEZE TO 3000 PSI FOR 15 MIN. OK. COOH. RU BASIN PERFORATORS TESTED LUBRICATOR TO 1000 PSI. PERFD RUN #1 5463-5469', 2 SPF, NO PRESSURE AT SURFACE. PERFD RUN #2 5473-5498', 2 SPF, NO PRESSURE AT SURFACE. SDON..

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 Oil Company

3. ADDRESS OF OPERATOR
8055 E. Tufts Ave. Pkwy., Denver, CO 80237

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 2030 FSL/515 FWL (NW/SW)
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

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

5. LEASE
14-20-603-355

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.
#21-13

10. FIELD OR WILDCAT NAME
Greater Aneth

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 21, T41S, R24E

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

14. API NO.
43-037-30921

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4695 GR

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

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

Spudded well 12-26-83 w/Four Corners Rig #5. Drilled 12-1/4" hole to 1600'. Ran 1603' 9-5/8" 36# K-55 casing, set at 1593'. Cemented with 720 ft³ (300 sx) Class B w/20% Diacel D tailed with 360 ft³ (300 sx) Class B. Cement circulated, job complete 12-28-83. Drilled 8-3/4" hole to 5582'. Ran 5582' 7" 23 & 26# K-55, set at 5576'. Cemented with 960 ft³ (400 sx) Class B w/20% Diacel D tailed with 360 ft³ (300 sx) Class B w/18% salt. Pressure tested casing to 1500 psi, job completed 1-9-84. TOC above surface casing shoe.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Paul W. Beck TITLE RMR Drilling Mgr DATE January 1984

(This space for Federal or State office use)

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

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 Oil 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:
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE

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. FIELD OR WILDCAT NAME
Greater Aneth

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

12. COUNTY OR PARISH San Juan 13. STATE Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB AND WD)

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

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

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

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

Effective December 1, 1983, Phillips Oil Company assumed operations from Phillips Petroleum Company. The following wells had Applications for Permits to Drill submitted under Phillips Petroleum Company:

Ratherford Unit #19-42, 20-13, 20-44, 20-22, 20-24, 20-33, 21-13, 29-42, 29-32, & 29-33. ~~29-31~~

[Handwritten signature]
JAN 15 1984

DIVISION OF
OIL, GAS & MINING

Subsurface Safety Valve, Manu. and Type _____ Set @ _____ Ft.

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

SIGNED A. E. Stuart TITLE Area Manager DATE 1/13/84

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form 9-329 Rev. Feb 76
OMB 42-RO356

MONTHLY REPORT
OF
OPERATIONS

Lease No. 14-7603-355

Communitization Agreement No. NA
Field Name Greater Aneth
Unit Name Ratherford Unit (SW-I-4192)
Participating Area Paradox
County San Juan State Utah
Operator Phillips Oil Company

Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of
January, 1984

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	Barrels of Oil	MCF of Gas	Barrels of Water	Remarks
21-13	Sec. 27 NW SW	41S	24E	DRG					Present Operations as of February 1, 1984, perforating. SEE ATTACHMENT FOR DETAILS

RECEIVED
FEB 8 1984

DIVISION OF
OIL, GAS & MINING

*If none, so state

Disposition of production (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
On hand, Start of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
Produced	_____	_____	_____
Sold	_____	_____	XXXXXXXXXXXXXXXXXXXX
Spilled or Lost	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
Flared or Vented	XXXXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXXXX
Used on Lease	_____	_____	XXXXXXXXXXXXXXXXXXXX
Injected	_____	_____	_____
Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	_____
Other (Identify)	_____	_____	_____
On hand, End of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
API Gravity/BIU Content	_____	_____	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: A. E. Stuart

Address: P.O. Box 2920, Casper, WY 82602

Title: Area Manager

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

4
12

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. 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)*
At surface 2030' FSL & 515' FWL, NW SW

At top prod. interval reported below

At total depth

DIVISION OF
OIL, GAS & MINING

14. PERMIT NO. DATE ISSUED

API# 43-037-30921

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-355

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.

#21-13

10. FIELD AND POOL, OR WILDCAT

Greater Aneth

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

Sec. 21-T41S-R24E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

15. DATE SPUDDED 12/25/83 16. DATE T.D. REACHED 1/6/84 17. DATE COMPL. (Ready to prod.) 2/4/84 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* GR 4690' RKB 4702' 19. ELEV. CASINGHEAD --

20. TOTAL DEPTH, MD & TVD 5582' 21. PLUG, BACK T.D., MD & TVD 5524' 22. IF MULTIPLE COMPL., HOW MANY* -- 23. INTERVALS DRILLED BY -- 24. ROTARY TOOLS 0 - 5582' 25. CABLE TOOLS 0

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5463 - 5498' Desert Creek Zone I 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DL-MSEI-GR-CNL-CDI 27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.5#	101'	18"	150 sx Class B	--
9-5/8"	36#	1593'	12-1/4"	1080 ft ³ Class B	--
7"	23 & 26#	5582'	8-3/4"	1320 ft ³ Class B	--

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
--	--	--	--	--	2-7/8"	5061'	5061'

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
SEE ATTACHMENT	SEE ATTACHMENT

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
2/4/84	Flowing	Producing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2/15/84	24	10/64"	→	1	5	250	5000
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-APP (CORR.)	
100	--	→	1	5	250	40.0	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold TEST WITNESSED BY

35. LIST OF ATTACHMENTS
Acid, Shot, Fracture, Cement Squeeze and Perforation Record

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED A. E. Stuart TITLE Area Manager DATE 2/17/84

- 4 - BLM, Farmington, NM (See Instructions and Spaces for Additional Data on Reverse Side)
 2 - Utah O&GCC, SLC, UT 1 - Coffelt, Denver 1 - Fraser 1 - W.I. Owners
 1 - BIA, Shiprock 1 - Whitmire, Denver 1 - Poling 1 - File
 1 - Navajo Nation 1 - Conner, B'Ville

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area, or regional procedures and practices, either are shown below or will be issued by or may be obtained from the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form; see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 23. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 27: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS															
NO CORES OR DST'S RUN.				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">NAME</th> <th style="width: 25%;">MEAS. DEPTH</th> <th style="width: 25%;">TRUE VERT. DEPTH</th> </tr> <tr> <td>Shinarump</td> <td></td> <td>2270'</td> </tr> <tr> <td>DeChelly</td> <td></td> <td>2550'</td> </tr> <tr> <td>Hermosa</td> <td></td> <td>4505'</td> </tr> <tr> <td>Paradox</td> <td></td> <td>5435'</td> </tr> </table>	NAME	MEAS. DEPTH	TRUE VERT. DEPTH	Shinarump		2270'	DeChelly		2550'	Hermosa		4505'	Paradox		5435'
NAME	MEAS. DEPTH	TRUE VERT. DEPTH																	
Shinarump		2270'																	
DeChelly		2550'																	
Hermosa		4505'																	
Paradox		5435'																	

Form 9-330
Ratherford Unit #21-13

ACID, SHOT, FRACTURE, CEMENT SQUEEZE AND PERFORATION RECORD

Perforated 5463-5469', 2 SPF w/4" hollow steel carrier gun, DML 23 chgs,
5473-5498', 2 SPF w/4" hollow steel carrier gun, DML 23 chgs,
.44" hole, 63 shots total.

Due to apparent communication from below, sqzd perfs 5463-98' w/100
sx Class B cmt.

Re-Perforated 5463-5469', 2 SPF w/4" hollow steel carrier gun
5473-5498', 2 SPF w/4" hollow steel carrier gun

Acidized w/4500 gal 28% HCL SAN-1 w/2 gal/1000 CIA-1,
50#/1000 CA-1&2 gal/1000 EPS-1.

Swbd 28.7 bbls in 7 runs, 8th run dry. No flow into
wellbore.

Re-Perforated 5477-5498' w/4" hollow steel carrier gun, 28 shots,
5473-5477' w/4" hollow steel carrier gun, 5 shots,
5463-5469' w/4" hollow steel carrier gun, 8 shots
.44" hole, 0 deg phasing, 41 holes total

Acidized w/100 bbls 28% SAN-1 w/120 ball sealers
w/2 gal/1000 CIA-1, 1 gal/1000 USS-C, 5 gal/1000
SSS-1, 25#/1000 CA-1 and 1 gal/1000 EPS-1.

RECEIVED
FEB 28 1984

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
8055 E. Tufts Ave. Pkwy./Denver, CO. 80237

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 2030 FSL 515 FWL (NW SW)
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

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

5. LEASE
14-20-603-355

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.
21-13

10. FIELD OR WILDCAT NAME
Greater Aneth

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 21-T41S-R24E

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

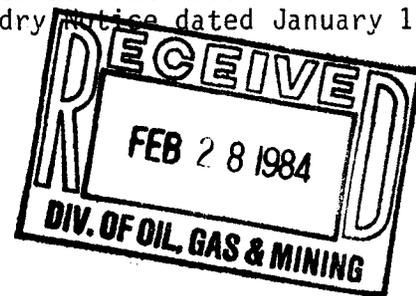
14. API NO.
43-037-30921

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4702 RKB

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

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

Drilled 18" conductor hole to 101 ft.: Ran 101 ft, 13-3/8" 54.5# K-55 conductor casing, casing set at 101 ft., cemented with 180 ft.³(150 sx) class 'B' cement circulated to surface. Finished job and moved out rat hole driller 10-25-83. Moved in drilling rig to spud well. See Sundry Notice dated January 1984. Reached TD of 5582 ft. 01-07-84. Plug back total depth is 5524 ft.



Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED James W. Butcher TITLE Drilling Manager DATE 21-2-84

(This space for Federal or State office use)

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

- 6 - BLM Farmington, NM.
- 2 - Utah Oil & Gas CC, Salt Lake City
- 1 - File - RC
- 1 - Casper
- 1 - T. M. Issacs

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form 9-329 Rev. Feb 76
OMB 42-RO356

MONTHLY REPORT
OF
OPERATIONS

Lease No. 10-603-355
Communitization Agreement No. NA
Field Name Greater Aneth
Unit Name Ratherford Unit (SW-I-4192)
Participating Area Paradox
County San Juan State Utah
Operator Phillips Oil Company

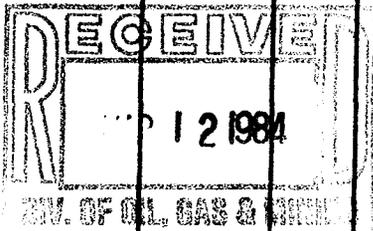
Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of February, 19 84

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
21-13	Sec. 21 NW SW	41S	24E	DRG					43-031-30921
FINAL REPORT									
<p>TD 5582, PBD 5524'. Drld 18" hole to 101'. Set 13-3/8" cond csg at 101', cmtd w/150 sx Class B. Spudded 12-1/4" surf hole 12/25/83. Set 9-5/8" csg at 1593', cmtd w/1080 ft Class B. Drld 8-3/4" hole to TD, 5582', 1/6/84. Set 7" csg at 5582', cmtd w/1320 ft Class B. Perfd 5463-69', 5473-98', 2 SPF w/4" hollow steel carrier gun. Due to apparent communication from below, sqzd perfs 5463-98' w/100 sx Class B cmt. Re-Perforated 5463-69, 5473-98', 2 SPF w/7" hollow steel carrier gun. Acidized w/4500 gal 28% HCL SAN-1 w/2 gal/1000 CIA-1, 50#/1000 CA 1&2 gal/1000 EPS-1. Swbd 28.7 bbls in 7 runs, 8th run dry. No flow into wellbore. Re-Perforated 5477-98, 5473-77', 5463-69', w/4" hollow steel carrier gun. Acidized w/100 bbls 28% SAN-1 w/120 ball sealers w/2 gal/1000 CIA-1, 1 gal/1000 USS-C, 5 gal/1000 SSS-1, 25#/1000 CA-1 and 1 gal/1000 EPS-1. Set 2-7/8" tbg w/okr at 5061'. Completed as a flowing oil well 2/4/84 from Desert Creek Zone I perfs. 5463-5498' with a final test of 1 BOPD, 5 MCF/GPD, 250 BWPD, GOR 5000.</p>									



*If none, so state.

Disposition of production (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
On hand, Start of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
Produced	_____	_____	_____
Sold	_____	_____	XXXXXXXXXXXXXXXXXXXX
Spilled or Lost	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
Flared or Vented	XXXXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXXXX
Used on Lease	_____	_____	XXXXXXXXXXXXXXXXXXXX
Injected	_____	_____	_____
Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	_____
Other (Identify)	_____	_____	_____
On hand, End of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
API Gravity/BIU Content	_____	_____	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: [Signature] A. E. Stuart

Address: P.O. Box 2920, Casper, WY 82602

Title: Area Manager

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

Other In-formation on reverse side

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

AMENDED REPORT
Tbg Correction

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-355

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.

21-13

10. FIELD AND POOL, OR WILDCAT

Greater Aneth

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

Sec. 21-T41S-R24E

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. 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 and in accordance with any State requirements)*
At surface 2030' FSL & 515' FWL, NW SW
At top prod. interval reported below
At total depth

RECEIVED

OCT 23 1985

DIVISION OF OIL & GAS

14. PERMIT NO. & DATE ISSUED
-- --

12. COUNTY OR PARISH
San Juan
13. STATE
Utah

15. DATE SPUNDED 12/26/83
16. DATE T.D. REACHED 1/6/84
17. DATE COMPL. (Ready to prod.) 2/4/84
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* GR 4690', RKB 4702'
19. ELEV. CASINGHEAD --

20. TOTAL DEPTH, MD & TVD 5582'
21. PLUG, BACK T.D., MD & TVD 5524'
22. IF MULTIPLE COMPL., HOW MANY* --
23. INTERVALS DRILLED BY ROTARY TOOLS 0 - 5582' CABLE TOOLS --

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
5643' - 5498' Desert Creek Zone I
25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
DLL-MSFL-GR-CNL-CDL
27. WAS WELL CORED
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.5#	101'	18"	150 sx Class B	--
9-5/8"	36#	1593'	12-1/4"	1080 cu. ft. Class B	--
7"	23# & 26#	5577'	8-3/4"	1320 cu. ft. Class B	--

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD
--	--	--	--	--	SIZE: 2-7/8" DEPTH SET (MD): 5440' PACKER SET (MD): 5440'

31. PERFORATION RECORD (Interval, size and number)

SEE ATTACHMENT

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
SEE ATTACHMENT	

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
2/4/84	Flowing	Producing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2/15/84	24	10/64"	→	1	5	250	5000
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
100	--	→	1	5	250	40	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Sold
TEST WITNESSED BY
--

35. LIST OF ATTACHMENTS
Acid, Shot, Fracture, Cement Squeeze and Perforation Record

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED [Signature] for Area Manager TITLE Area Manager DATE 10/18/85

*(See Instructions and Spaces for Additional Data on Reverse Side)

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.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
		NO CORES OR DST'S RUN.		Shinarump DeChelly Hermosa Paradox	LOG TOPS	2270' 2550' 4505' 5435'

38. GEOLOGIC MARKERS

DISTRIBUTION:

- 4 - B. M. Farmington, NM
- 2 - Utah O&GCC, Salt Lake City, UT
- 1 - The Navajo Nation, Window Rock, AZ
- 1 - R. Ewing, B'Ville
- 1 - L. Williamson (r) G. W. Berk
- 1 - T. L. Carten (r) P. Bertuzzi
- 1 - W. I. Owner
- 1 - File RC

Form 9-330
Ratherford Unit #21-13

ACID, SHOT, FRACTURE, CEMENT SQUEEZE AND PERFORATION RECORD

Perforated 5463-5469', 2 SPF w/4" hollow steel carrier gun, DML 23 chgs,
5473-5498', 2 SPF w/4" hollow steel carrier gun, DML 23 chgs,
.44" hole, 63 shots total.

Due to apparent communication from below, sqzd perms 5463-98' w/100
sx Class B cmt.

Re-Perforated 5463-5469', 2 SPF w/4" hollow steel carrier gun
5473-5498', 2 SPF w/4" hollow steel carrier gun

Acidized w/4500 gal 28% HCL SAN-1 w/2 gal/1000 CIA-1,
50#/1000 CA-1&2 gal/1000 EPS-1.

Swbd 28.7 bbls in 7 runs, 8th run dry. No flow into
wellbore.

Re-Perforated 5477-5498' w/4" hollow steel carrier gun, 28 shots,
5473-5477' w/4" hollow steel carrier gun, 5 shots,
5463-5469' w/4" hollow steel carrier gun, 8 shots
.44" hole, 0 deg phasing, 41 holes total

Acidized w/100 bbls 28% SAN-1 w/120 ball sealers
w/2 gal/1000 CIA-1, 1 gal/1000 USS-C, 5 gal/1000
SSS-1, 25#/1000 CA-1 and 1 gal/1000 EPS-1.

Mobil Oil Corporation

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

May 14, 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

RECEIVED
MAY 16 1986

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

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

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. 14-20-603-353
2. Name of Operator Phillips Petroleum Company	6. If Indian, Allottee or Tribe Name Navajo Tribal
3. Address and Telephone No. 5525 Hwy 64 NBU 3004, Farmington, NM 87401 (505) 599-3412	7. If Unit or CA, Agreement Designation Ratherford Unit SW-I-4192
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2030' FSL & 515' FWL Section 21, T41S, R24E	8. Well Name and No. Ratherford Unit #21-13
	9. API Well No. 43-037-30921
	10. Field and Pool, or Exploratory Area Greater Aneth
	11. County or Parish, State San Juan, Utah

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

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

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

MI & RU equipment. ND WH & NU BOP. COOH w/production string. RU Dowell and squeezed production perms w/60 sx cement from 5200'-5500'. RD Dowell. RU Basin and perforated w/4 spf from 5543.5'-5546.5'. Acidized w/600 gal 15% HCl. RD Basin. Squeezed water interval w/60 sx Class G cement. Drilled out and perforated 5463'-69' and 5470'-90' w/2 spf. Swabbed well clean. ND BOP and NU WH. Ran pump and rods. Returned to production.

RECEIVED

JUL 13 1992

DIVISION OF
OIL GAS & MINING

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

Signed L. E. Robinson Title Sr. Drlg. & Prod. Engr. Date 7-6-92
(This space for Federal or State office use)

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

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

*See instruction on Reverse Side

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

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

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AUG 16 1993

REPORT PERIOD (MONTH/YEAR):

6 / 93

DIVISION OF
OIL, GAS & MINING

AMENDED REPORT (Highlight Changes)

Well Name API Number	Entry	Location	Producing Zone	Well Status	Days Oper	Production Volumes		
						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

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION & SERIAL NO.

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.)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NAVAJO TRIBAL

1. OIL WELL GAS WELL OTHER

7. UNIT AGREEMENT NAME

RATHERFORD UNIT

2. NAME OF OPERATOR

MOBIL OIL CORPORATION

8. FARM OR LEASE NAME

3. ADDRESS OF OPERATOR

P. O. BOX 633 MIDLAND, TX 79702

9. WELL NO.

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

DIVISION OF
OIL, GAS & MINING

10. FIELD AND POOL, OR WILDCAT

GREATER ANETH

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

14. API NO.

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

12. COUNTY
SAN JUAN

13. STATE
UTAH

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON

REPAIR WELL

CHANGE PLANS

(Other)

APPROX. DATE WORK WILL START _____

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) CHANGE OF OPERATOR

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

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 Todd

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:

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.

File Rutherford Unit (GC)

RECEIVED
BLM

SEP 27 AM 11:44

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

070 FARMINGTON, NM

ARES/543

JUL 26 1993

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

MINERAL RIGHTS	
NO. 1	
DATE	
BY	
REMARKS	3
	2
APPROVED	
SIGNATURE	
DATE	
ALL COPY	
FILE	

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 Rutherford 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

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

070 FARMINGTON, NM

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. [Signature]
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

100% Indian Lands

TOTAL 12,909.74

100.000000

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).

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 G*
 DALLAS TX 75221-9031 *CORTEZ, CO. 81321*

UTAH ACCOUNT NUMBER: N7370

REPORT PERIOD (MONTH/YEAR): 7 / 93

AMENDED REPORT (Highlight Changes)

**931006 updated.
 See*

ENTITY NUMBER	PRODUCT	GRAVITY	BEGINNING INVENTORY	VOLUME PRODUCED	DISPOSITIONS				ENDING INVENTORY
		BTU			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								
	OIL								
	GAS								
TOTALS				249710	243825	5885			

RECEIVED

SEP 13 1993

DIVISION OF OIL, GAS & MINING

COMMENTS: *PLEASE NOTE ADDRESS CHANGE. MOBIL ~~AND~~ 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~~

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:	
1-VEC/AM-93	<input checked="" type="checkbox"/>
2-DEPT 58-RT/E	<input checked="" type="checkbox"/>
3-VLC	<input checked="" type="checkbox"/>
4-RJF	<input checked="" type="checkbox"/>
5-IPK	<input checked="" type="checkbox"/>
6-PL	<input checked="" type="checkbox"/>

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>
phone <u>(303) 565-2212</u>	phone <u>(505) 599-3452</u>
account no. <u>N7370</u>	account no. <u>N0772(A)</u>

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

Name: **SEE ATTACHED**	API: <u>43037.3092</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

- 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).
- 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- 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) no. Today's date 1993. If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 1993, 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.
- 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 1993.

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

931006 BIA/B/m Approved 7-9-93.

✓ 19W-21	43-037-15741	14-20-603-353	SEC. 19, T41S, R24E	NE/NW 660' FNL 1860' FWL
✓ 19-22	43-037-31046	14-20-603-353	SEC. 19, T41S, R24E	SE/NW 1840' FNL; 1980' FWL
✓ 19W-23	43-037-15742	14-20-603-353	SEC. 19, T41S, R24E	NE/SW 2080' FSL; 1860' FWL
✓ 19-31	43-037-31047	14-20-603-353	SEC. 19, T41S, R24E	NW/NE 510' FNL; 1980' FEL
✓ 19-32	43-037-15743	14-20-603-353	SEC. 19, T41S, R24E	SW/NE 1980' FNL; 1980' FEL
✓ 19-33	43-037-31048	14-20-603-353	SEC. 19, T41S, R24E	NW/SE 1980' FSL; 1980' FEL
✓ 19-34	43-037-15744	14-20-603-353	SEC. 19, T41S, R24E	SW/SE 660' FSL; 1980' FEL
✓ 19W-41	43-037-15745	14-20-603-353	SEC. 19, T41S, R24E	NE/NE 660' FNL; 660' FEL
✓ 19-42	43-037-30916	14-20-603-353	SEC. 19, T41S, R24E	SE/NE 1880' FNL, 660' FEL
✓ 19W-43	43-037-16420	14-20-603-353	SEC. 19, T41S, R24E	NE/SE 1980' FSL; 760' FEL
✓ 19-44	43-037-31081	14-20-603-353	SEC. 19, T41S, R24E	SE/SE 660' FSL; 660' FEL
✓ 19-97	43-037-31596	14-20-603-353	SEC. 19, T41S, R24E	2562' FNL, 30' FEL
✓ 20-11	43-037-31049	14-20-603-353	SEC. 20, T41S, R24E	NW/NW 500' FNL; 660' FWL
✓ 20-12	43-037-15746	14-20-603-353	SEC. 20, T41S, R24E	1980' FNL, 660' FWL
✓ 20-13	43-037-30917	14-20-603-353	SEC. 20, T41S, R24E	NW/SW 2140' FSL, 500' FWL
✓ 20-14	43-037-15747	14-20-603-353	SEC. 20, T41S, R24E	660' FSL; 660' FWL
✓ 20W-21	43-037-16423	14-20-603-353	SEC. 20, T41S, R24E	660' FNL; 1880' FWL
✓ 20-22	43-037-30930	14-20-603-353	SEC. 20, T41S, R24E	SE/NW 2020' FNL; 2090' FWL
✓ 20W-23	43-037-15748	14-20-603-353	SEC. 20, T41S, R24E	NW/SW 2080; 2120' FWL
✓ 20-24	43-037-30918	14-20-603-353	SEC. 20, T41S, R24E	SE/SW 820' FSL; 1820' FWL
✓ 20-31	43-037-31050	14-20-603-353	SEC. 20, T41S, R24E	NW/NE 660' FNL; 1880' FEL
✓ 20-32	43-037-15749	14-20-603-353	SEC. 20, T41S, R24E	SW/NE 1980' FNL, 1980' FEL
✓ 20-33	43-037-30931	14-20-603-353	SEC. 20, T41S, R24E	NW/SE 1910' FSL; 2140' FEL
✓ 20-34	43-037-15750	14-20-603-353	SEC. 20, T41S, R24E	660' FSL; 1850' FEL
✓ 20W-41	43-037-15751	14-20-603-353	SEC. 20, T41S, R24E	NE/NE 660' FNL; 660' FEL
✓ 20-42	43-037-31051	14-20-603-353	SEC. 20, T41S, R24E	SE/NE 1980' FNL; 660' FEL
✓ 20W-43	43-037-16424	14-20-603-353	SEC. 20, T41S, R24E	2070' FSL; 810' FEL
✓ 20-44	43-037-30915	14-20-603-353	SEC. 20, T41S, R24E	SE/SE 620' FSL; 760' FEL
✓ 20-66	43-037-31592	14-20-603-353	SEC. 20, T41S, R24E	SW/NW 1221' FWL; 1369' FNL
✓ 21-11	43-037-31052	14-20-603-355	SEC. 21, T41S, R24E	NW/NW 660' FNL; 660' FWL
✓ 21-12	43-037-15752	14-20-603-355	SEC. 21, T41S, R24E	2080' FNL; 660' FWL
✓ 21-13	43-037-30921	14-20-603-355	SEC. 21, T41S, R24E	NW/SW 2030' FSL; 515' FWL
✓ 21-14	43-037-15753	14-20-603-355	SEC. 21, T41S, R24E	SW/SW 660' FSL; 460' FWL
✓ 21W-21	43-037-16425	14-20-603-355	SEC. 21, T41S, R24E	NE/NW 660' FNL; 2030' FWL
✓ 21-32	43-037-15755	14-20-603-355	SEC. 21, T41S, R24E	SW/NE 1880' FNL; 1980' FEL
✓ 21-33	NA	14-20-603-355	SEC. 21, T41S, R24E	2000' FSL; 1860' FEL
✓ 21-34	43-037-15756	14-20-603-355	SEC. 21, T41S, R24E	SW/SE 660' FSL; 1980' FEL
✓ 21W-41	43-037-16426	14-20-603-355	SEC. 21, T41S, R24E	660' FNL; 810' FEL
✓ 21W-43	43-037-16427	14-20-603-355	SEC. 21, T41S, R24E	NE/NE 1980' FSL; 660' FEL
✓ 24-11	43-037-15861	14-20-603-247A	SEC. 24, T41S, R24E	510' FNL; 810' FWL
✓ 24W-21	43-037-16429	14-20-603-247	SEC. 24, T41S, R24E	4695' FSL; 3300' FEL
✓ 24W-43	43-037-16430	14-20-603-247	SEC. 24, T41S, R24E	2080' FSL; 660' FEL
✓ 24-31W	43-037-15862	14-20-603-247A	SEC. 24, T41S, R24E	NW/NE 560' FNL; 1830' FEL
✓ 24-32	43-037-31593	14-20-603-247A	SEC. 24, T41S, R24E	SW/NE 2121' FNL; 1846' FEL
✓ 24-41	43-037-31132	14-20-603-247A	SEC. 24, T41S, R24E	NE/NE 660' FNL; 710' FEL
✓ 24W-42	43-037-15863	14-20-603-247A	SEC. 24, T41S, R24E	660' FSL; 1980' FNL
✓ 28-11	43-037-30446	14-20-603-409	SEC. 28, T41S, R24E	NW/NW 520' FNL; 620' FWL
✓ 28-12	43-037-15336	14-20-603-409B	SEC. 28, T41S, R24E	SW/SE/NW 2121' FNL; 623' FWL
✓ 29-11	43-037-31053	14-20-603-407	SEC. 29, T41S, R24E	NW/NW 770' FNL; 585' FWL
✓ 29W-21	43-037-16432	14-20-603-407	SEC. 29, T41S, R24E	NE/NW 667' FNL; 2122' FWL
✓ 29-22	43-037-31082	14-20-603-407	SEC. 29, T41S, R24E	SE/NW 2130' FNL; 1370' FWL
✓ 29W-23	43-037-15338	14-20-603-407	SEC. 29, T41S, R24E	NE/SW 1846' FSL; 1832' FWL
✓ 29-31	43-037-30914	14-20-603-407	SEC. 29, T41S, R24E	NW/NE 700' FNL; 2140' FEL
✓ 29-32	43-037-15339	14-20-603-407	SEC. 29, T41S, R24E	1951' FNL; 1755' FEL
✓ 29-33	43-037-30932	14-20-603-407	SEC. 29, T41S, R24E	NW/SE 1860' FSL; 1820' FEL
✓ 29-34	43-037-15340	14-20-603-407	SEC. 29, T41S, R24E	817' FSL; 2096' FEL
✓ 29W-41	43-037-16433	14-20-603-407	SEC. 29, T41S, R24E	557' FNL; 591' FEL
✓ 29W-42	43-037-30937	14-20-603-407	SEC. 29, T41S, R24E	SE/NE 1850' FNL; 660' FEL
✓ 29W-43	43-037-16434	14-20-603-407	SEC. 29, T41S, R24E	NE/SE 1980' FSL; 660' FEL
✓ 30-21W	43-037-16435	14-20-603-407	SEC. 30, T41S, R24E	660' FNL; 1920' FWL
✓ 30-32	43-037-15342	14-20-603-407	SEC. 30, T41S, R24E	SW/NE 1975' FNL; 2010' FEL
✓ 30W-41	43-037-15343	14-20-603-407	SEC. 30, T41S, R24E	NE/NE 660' FNL; 660' FEL
✓ 9-34	NA 4303715711	NA 14206034043	NA sec. 9, T. 41S, R. 24E	NA SWSE 660' FSL 1980' FEL
✓ 12-43	43-307-31202	14-20-603-246	SEC. 12, T41S, R23E	2100' FSL; 660' FEL
✓ 12W31	43-037-15847	14-20-603-246	SEC. 12, T41S, R23E	661' FNL; 1981' FEL
✓ 13W24	43-037-15853	14-20-603-247	SEC. 13, T41S, R23E	SE/SW 660' FSL; 3300' FEL
✓ 15W23	43-037-16412	14-20-603-355	SEC. 15, T41S, R24E	2140' FSL; 1820' FWL
✓ 17-24	43-037-31044	14-20-603-353	SEC. 17, T41S, R24E	SE/SW 720' FSL; 1980' FWL
✓ 18-13	43-037-15734	14-20-603-353	SEC. 18, T41S, R24E	NW/NW 1980' FSL; 500' FWL
✓ 18W32	43-037-15736	14-20-603-353	SEC. 18, T41S, R24E	SW/NE 2140' FNL; 1830' FEL
✓ 20-68	43-037-31591	14-20-603-353	SEC. 20, T41S, R24E	NW/SW 1276' FWL; 1615' FSL
✓ 21-23	43-037-13754	14-20-603-355	SEC. 21, T41S, R24E	NE/SW 1740' FSL 1740' FWL
✓ 28W21	43-037-16431	14-20-603-409	SEC. 29, T41S, R24E	660' FNL; 2022' FWL

PAID

PAID

PAID

PAID

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.
14-20-603-355

6. If Indian, Allottee or Tribe Name
43-037-30921

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation
NAVAJO TRIBAL

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
MOBIL OIL CORPORATION

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)
2030' FSL, 515' FWL SEC.21, T41S, R24E

8. Well Name and No.
21-13

9. API Well No.
43-037-30921

10. Field and Pool, or Exploratory Area
GREATER ANETH

11. County or Parish, State
SAN JUAN, UT

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 checked="" type="checkbox"/> Subsequent Report <i>JRM</i>	<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 type="checkbox"/> Other
	<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

REMEDIAL ✓

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.)*

2-13-94 MIRU HANG WELL OFF POOH W?RODS & PUMP LD PUMP DROP STD VALVE PRESS TBG TO 600 PSI-BLED TO 300 PSI in 1 MIN.

2-14-94 ND WELLHEAD NU BOP REL TAC PULL TO FLUID FISH STD VALVE LD 4 BAD JUTS RUN 171 JTS PROD TBG ND BOP SET TAC NU WELLHEAD

✓ 2-15-94 RUN 1 1/4" PUMP & RODS SEAT & RESPACE PUMP LOAD HOLE & PRESS TO 500 PSI-HELD/OK RDMO

MAR 10 1994

I hereby certify that the foregoing is true and correct

Signed Shirley Todd SHIRLEY TODD Title ENV. & REG. TECH Date 3-5-94

This space for Federal or State office use

Approved by _____ Title _____ Date no tax credit

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator **Mobil Exploration & Producing U.S. Inc.
as Agent for Mobil Producing TX & NM Inc.**

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)
**2030' FSL, 515' FWL
SEC. 21, T41S, R24E**

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

5. Lease Designation and Serial No.
14-20-603-355

6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation
RATHERFORD UNIT

8. Well Name and No.
RATHERFORD 21-13

9. API Well No.
43-037-30921

10. Field and Pool, or exploratory Area
GREATER ANETH

11. County or Parish, State
SAN JUAN UT

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

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SEE ATTACHED PROCEDURE

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

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

Signed Shirley Robertson

Title **ENV. & REG TECHNICIAN**

Date **3-13-95**

(This space for Federal or State office use)

Approved by _____

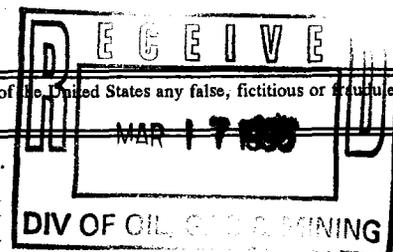
Title _____

Date _____

Conditions of approval, if any:

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

* See Instruction on Reverse Side



TO: ~~Wayne~~ Shirley
RBP
~~Townsend~~

ENGINEERS CALCULATION SHEET

FOR RAIHERFORD UNIT 21-13

JOB OR AUTH. NO.

LOCATION

PAGE

SUBJECT

Fax to W Townsend

DATE

2-24-95

505 599-8998

BY

Tom Cochrane

CASING LEAK REPAIR

done
to
date

1. POH w/prod eqpt.
2. Set RBP above parts @ _____, dump sd on RBP. Locate leaks from 705-726'. EIR circ to surface outside 7" and 9 5/8" POH w/ pkr
3. Pump 600sx "B" w/0.4% Halad 332 + 2% CaCl₂ dn 7" csg until circs to surface, close valve on whatever circs first, circ other string, close 2nd valve, sqz to 1000#, SIO well with pressure on. WOC.
4. DO cnt, test to 500#, if holds, re-run prod eqpt. otherwise discuss re-squeeze.

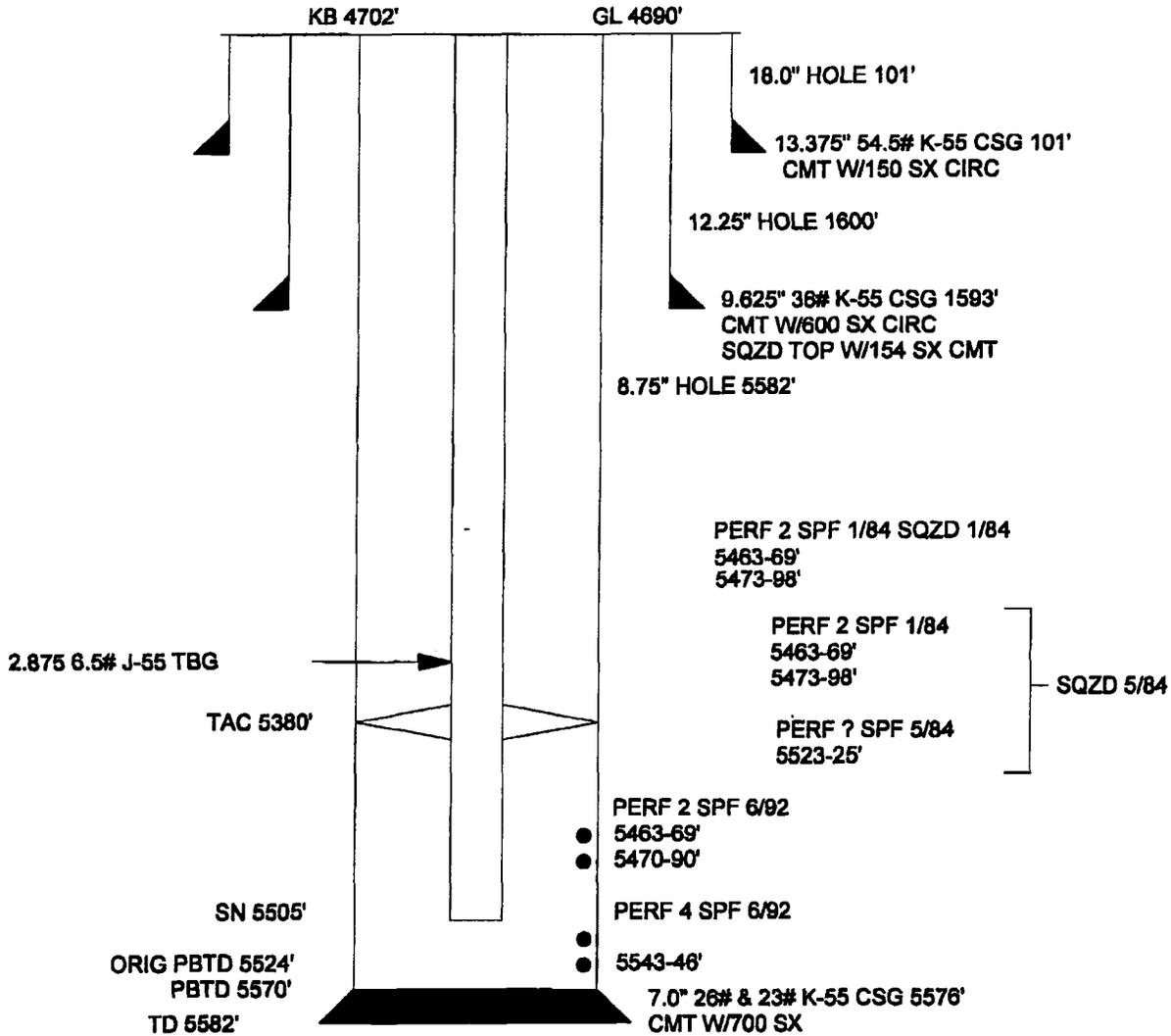
Tom Cochrane
4 Corners Opers Engr.
(303) 864-5210
FAX - 5234

verbal from Wayne Townsend 11:50 PM 2-24-95.
-6359

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RATHERFORD UNIT 21-13
 GREATER ANETH FIELD UTAH
 2030' FSL & 515' FWL
 SEC 21-T41S-R24E
 SAN JUAN COUNTY UTAH
 API 43-037-30921
 PRISM 0043112

PRODUCER



L. BERNHARDT 2/22/94

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

R E C E I V E

MAR 31 1995

DIV OF OIL, GAS & MINING

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.

14-20-603-355

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

RATHERFORD UNIT

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator **Mobil Exploration & Producing U.S. Inc.**
as Agent for Mobil Producing TX & NM Inc.

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)

**2030' FSL, 460' FWL 515'
SEC.21, T41S, R24E**

8. Well Name and No.

RATHERFORD 21-13

9. API Well No.

43-037-30921

10. Field and Pool, or exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN UT

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

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SEE ATTACHED PROCEDURES FOR TEMPORARY ABANDONMENT

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

FOR RECORD ONLY

See R649-3-36

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

Signed Shelby Robertson Title ENV. & REG. TECHNICIAN Date 3-24-95

(This space for Federal or State office use)

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

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

TO: SHIRLEY

RATHERFORD UNIT 21-13
TEMPORARY ABANDON WELL
TOM COCHRANE (303) 564-5210

CODE WORK TO 7380-17679-00-FGPA

* THE PURPOSE IS TO TA THE WELL SO NO CHANGES WILL HAVE TO
BE MADE TO THE PLUGS IF WE DECIDE TO P&A THE WELL

* CMT WILL BE 15.6 PPG CLASS B NEAT

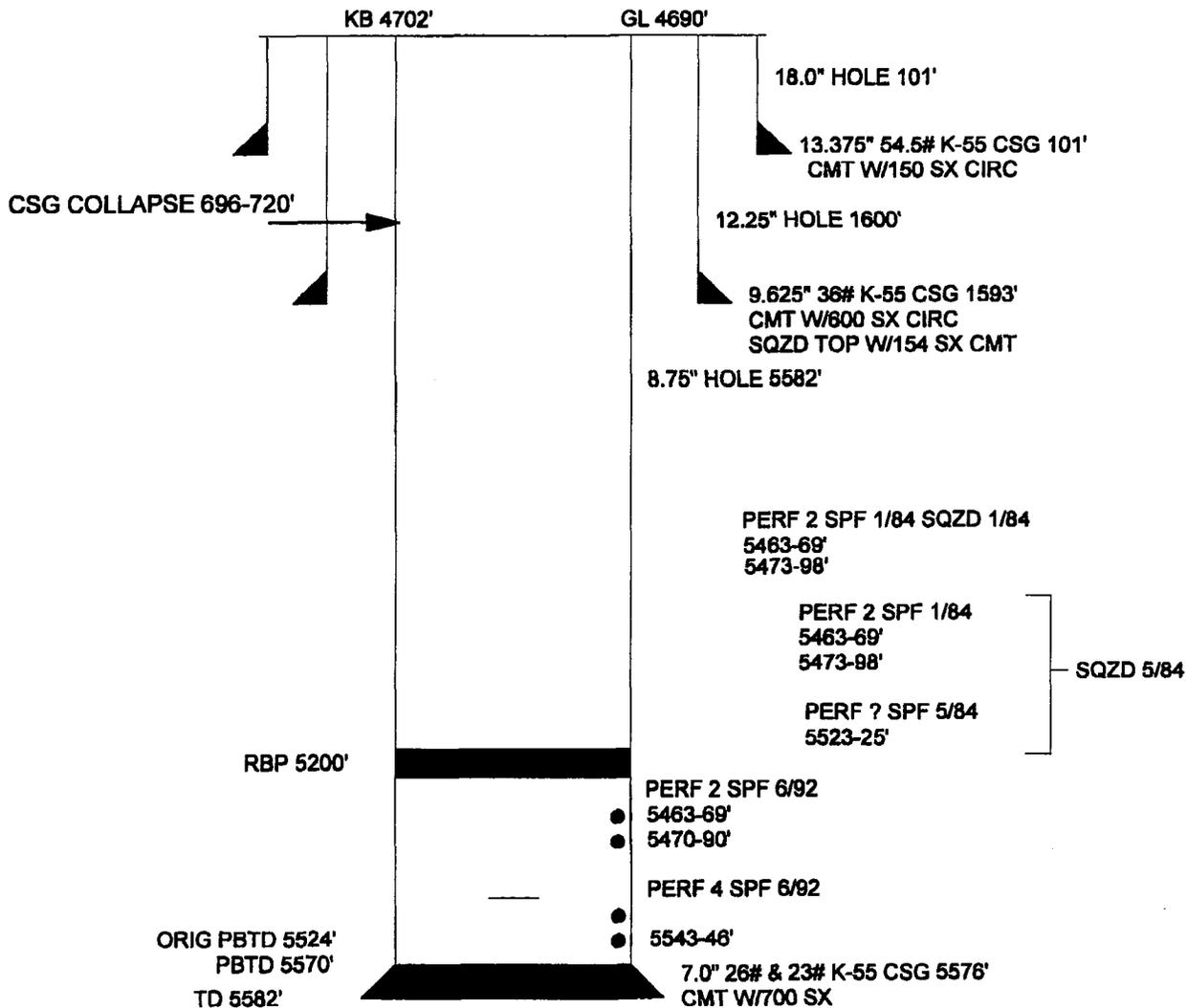
* MUD WILL BE 9 PPG FW MUD W/MIN VIS 50 SEC/QT, MIN 15 PPB
SODIUM BENTONITE & A NON-FERMENTING POLYMER

1. RU PU, POH W/ANY EQPT IN WELL. GIH W/OE TBG, CIRC HOLE
W/9# MUD (P&A MUD) SPOT 20' SD ON RBP @ 5200' (RBP TO BE
LEFT IN HOLE), SPOT 100' CMT ON TOP OF SD TO 5080'.
2. SPOT 300' CMT ACROSS FROM HERMOSA TOP (4505') 4655-
4355'. PUH.
3. SPOT CMT ACROSS DECHELLEY (2546-2738'), CMT 2900-2400'.
PUH.
4. SPOT CMT ACROSS 9.625" SHOE (1593'), CMT FROM 1750-
1450'. POH W/OE TBG, WOC.
5. SQZ LEAKS 695-730' FROM SURFACE W/150 SX CMT, MAX TP
1500#, FLUSH TO 500' W/FW IF POSSIBLE, UNDERFLUSH BUT DO
NOT OVERFLUSH.
6. NU WH, RMDO PU.

3-17-95

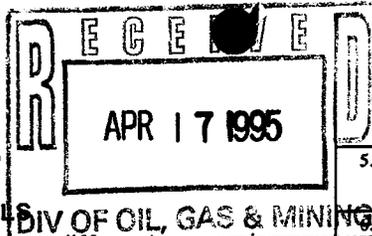
RATHERFORD UNIT 21-13
 GREATER ANETH FIELD UTAH
 2030' FSL & 515' FWL
 SEC 21-T41S-R24E
 SAN JUAN COUNTY UTAH
 API 43-037-30921
 PRISM 0043112

PRODUCER



L. BERNHARDT 2/22/94

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

DIV OF OIL, GAS & MINING

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Use "APPLICATION FOR PERMIT - " for such proposals

5. Lease Designation and Serial No.

14-20-603-355

If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

RATHERFORD UNIT

8. Well Name and No.

RATHERFORD 21-13

9. API Well No.

43-037-30921

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 Exploration & Producing U.S. Inc.
as Agent for Mobil Producing TX & NM Inc.

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)
2030' FSL, 515' FWL
SEC. 21, T41S, R24E

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

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

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

- 02-18-95 RU. POOH W/ RODS AND PUMP, ND WELLHEAD NU BOP.
- 02-20-95 CIRCULATE WELL. POOH W/ 10 STDS TBG AND 1 SINGLE. SWI.
- 02-21-95 TIH, TOH W/ FISH. PU 5.5" SWEDGE. POOH W/ SWEDGE. NIPPLE DOWN WELLHEAD. CHECK SLIPS BETWEEN 7" AND 9 5/8" CASING. LOOKED OK. NU WELLHEAD. SWI.
- 02-22-95 RIH W/ OVERSHOT, GET OVER TOP OF FISH AT 855', UNSEAT TBG ANCHOR, TOH W/ TBG AND HANGER.
- 02-23-95 LD DC, MAKE BIT & SCRAPER RUN. TAGGED BTN 31' HIGH. TOH. PU RBP & PKR TIH TO 932'. TOH TO 497'. SWI.
- 02-28-95 CONTINUE DRLG FROM 733-815'. POOH W/ 6 1/8" BIT. RIH W/ PKR. POOH W/ PKR. RIH W/ 6 1/8" BIT. POOH W/ BIT.
- 03-01-95 SHUT IN CSG. PRESS. 1050# PU AND RIH W/ 6 1/8" CSG. SWAGE, BS, JARS, 14-3 1/2" DC'S, ACCELERATOR, AND TBG TO TIGHT SPOT IN CSG AT 705'. POOH W/ 6 1/8" SWAGE. RIH W/ 5 11/16" CSG SWAGE. RIH W/ PROD TBG.
- 03-02-95 ND. BOP AND NU WELLHEAD. RD MO.

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

Signed Shirley Robertson

Title ENV. & REG TECHNICIAN

Date 4-11-95

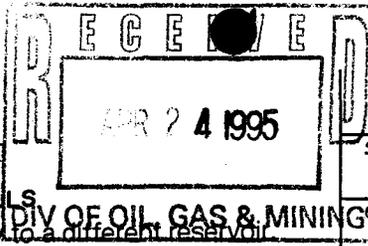
(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



FORM APPROVED
Budget Bureau No. 1004-0135
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14-20-603-355
6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation
RATHERFORD UNIT

1. Type of Well

Oil Well Gas Well Other

8. Well Name and No.
RATHERFORD 21-13

2. Name of Operator **Mobil Exploration & Producing U.S. Inc.
as Agent for Mobil Producing TX & NM Inc.**

9. API Well No.
43-037-30921

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

10. Field and Pool, or exploratory Area
GREATER ANETH

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**2030' FSL, 515' FWL
SEC. 21, T41S, R24E**

11. County or Parish, State
SAN JUAN UT

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	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other TA
	<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

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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.)*

JUSTIFICATION FOR TA PLUGGING:

This well will be saved for future use as a producer to take advantage of more support from 21-14 and 21-67 to be converted this year. We cannot justify running the liner required to repair the casing collapse until the new injectors 21-14 and 21-67 have had time to pressure up the reservoir near this well. Otherwise this well could be used for DeChelly water production.

- 4-5-95 RU, ND HEAD, NU BOPE, POOH W/ 10 STDS 2 7/8" TBG. CIBP @ 5196'.
- 4-6-95 PUMP & BALANCE 5 CEMENT PLUGS.
- 4-7-95 NO FLOW & HOLE STAYED FULL. T & A APPROVED. NU TREE & RELEASE WELL AS T & A.

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

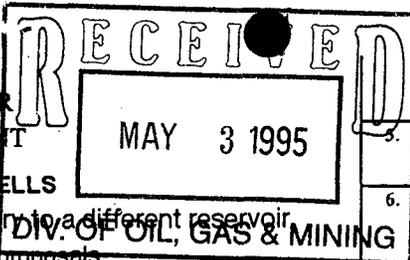
Signed Kelli Jusell for Shirley Robertson Title ENV. & REG TECHNICIAN Date 4-19-95

(This space for Federal or State office use)

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

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

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.
4-20-603-355

6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation
RATHERFORD UNIT

8. Well Name and No.
RATHERFORD 21-13

9. API Well No.
43-037-30921

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 Exploration & Producing U.S. Inc.
as Agent for Mobil Producing TX & NM Inc.**

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)
**2030' FSL, 515' FWL
SEC. 21, T41S, R24E**

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other TA
	<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.)*

JUSTIFICATION FOR TA PLUGGING:

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- 4-5-95 RU, ND HEAD, NU BOPE, POOH W/ 10 STDS 2 7/8" TBG. CIBP @ 5196'.
- 4-6-95 PUMP & BALANCE 5 CEMENT PLUGS. 19 SX PLUGS 5180'-5080' - PLUG 4665-4355 - PLUG 2900'-2400' - PLUG 1750'-1350'
- 4-7-95 RON SNOW, BLM, ON LOCATION. NO FLOW & HOLE STAYED FULL. T & A APPROVED. NU TREE & RELEASE WELL AS T & A.

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

Signed _____ Title **ENV. & REG TECHNICIAN** Date **4-27-95**

(This space for Federal or State office use)

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SUNDRY NOTICES AND REPORTS ON WELLS

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RECEIVED

MAY 3 1995

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

5. Lease Designation and Serial No. **14-20-603-355**

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

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

DIV. OF OIL GAS & MINING

SUBMIT IN TRIPLICATE

<p>1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other</p> <p>2. Name of Operator Mobil Exploration & Producing U.S. Inc. as Agent for Mobil Producing TX & NM Inc.</p> <p>3. Address and Telephone No. P.O. Box 633, Midland, TX 79702 (915) 688-2585</p> <p>4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2030' FSL, 515' FWL SEC. 21, T41S, R24E</p>	<p>8. Well Name and No. RATHERFORD 21-13</p> <p>9. API Well No. 43-037-30921</p> <p>10. Field and Pool, or exploratory Area GREATER ANETH</p> <p>11. County or Parish, State SAN JUAN UT</p>
---	--

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TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
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	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other TA	<input type="checkbox"/> Dispose Water

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

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 - 4-7-95 NO FLOW & HOLE STAYED FULL. T & A APPROVED. NU TREE & RELEASE WELL AS T & A. Plug 1750'-1350'
- Ron Snow /BLM/ ON location*

14. I hereby certify that the foregoing is true and correct
 Signed Kelli Fussell for Shirley Robertson Title ENV. & REG TECHNICIAN Date 4-19-95

(This space for Federal or State office use)

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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
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

1- LFC	7-PL
2-LWP	8-SJ
3- DBS	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) <u>MOBIL EXPLOR & PROD</u>	FROM (former operator) <u>M E P N A</u>
(address) <u>C/O MOBIL OIL CORP</u>	(address) <u>C/O MOBIL OIL CORP</u>
<u>PO DRAWER G</u>	<u>PO DRAWER G</u>
<u>CORTEZ CO 81321</u>	<u>CORTEZ CO 81321</u>
phone <u>(303) 564-5212</u>	phone <u>(303) 564-5212</u>
account no. <u>N7370</u>	account no. <u>N7370</u>

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

Name: <u>** SEE ATTACHED **</u>	API: <u>637-30921</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.
- Yes 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
- LWP 7. Well file labels have been updated for each well listed above. 9-28-95
- Yes 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)
- Yes 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

- Yes* 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) ** No Fee Lease Wells at this time!*

- N/A* / *Yes* 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* 19 *95*.

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 LIC F5/Not necessary!

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			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
#20-13								
4303730917	06280	41S 24E 20	DSCR					
#20-24								
4303730918	06280	41S 24E 20	DSCR					
#21-13								
4303730921	06280	41S 24E 21	DSCR					
#20-22								
4303730930	06280	41S 24E 20	DSCR					
RATHERFORD UNIT 20-33								
4303730931	06280	41S 24E 20	DSCR					
#29-33								
4303730932	06280	41S 24E 29	IS-DC					
RATHERFORD UNIT 29-42								
4303730937	06280	41S 24E 29	DSCR					
RATHERFORD UNIT 17-24								
4303731044	06280	41S 24E 17	DSCR					
RATHERFORD UNIT 18-44								
4303731045	06280	41S 24E 18	DSCR					
RATHERFORD UNIT 19-22								
4303731046	06280	41S 24E 19	DSCR					
RATHERFORD UNIT 19-31								
4303731047	06280	41S 24E 19	DSCR					
RATHERFORD UNIT 19-33								
4303731048	06280	41S 24E 19	DSCR					
RATHERFORD UNIT 20-11								
4303731049	06280	41S 24E 20	DSCR					
TOTALS								

COMMENTS: _____

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

Name and Signature: _____ Telephone Number: _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

MAK 1 1986

SUNDRY NOTICES AND REPORTS ON WELLS

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14-20-603-355

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

RATHERFORD UNIT

8. Well Name and No.

21-13

9. API Well No.

43-037-30921

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 Exploration & Producing U.S. Inc.
as Agent for Mobil Producing TX & NM Inc.

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. 21, T41S, R24E
2030 FSL, 515' FWL

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

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other SQUEEZE
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SEE ATTACHED PROCEDURE

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

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

Signed Shirley Robertson

Title ENV. & REG. TECHNICIAN

Date 3-5-96

(This space for Federal or State office use)

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Author: Tom D. Cochrane at MEPUSMD0-Midland

Date: 2/27/96 7:21 AM

Priority: Normal

TO: Shirley A. Robertson

Subject: RE-ENTER RU 21-13

----- Message Contents -----

RATHERFORD UNIT 21-13 PRODUCER
RE-ENTER AND RE-SQUEEZE CASING LEAK
TOM COCHRANE (970)564-5210

* THIS WELL WAS TA'D DUE TO LACK OF SUCCESS SQUEEZING LEAKS AND LOW PRODUCTION, IS NOW OFFSET TO HORIZONTAL INJECTOR, AND WILL RECOVER SIGNIFICANT OIL.

1. RU PULLING UNIT. GIH W/6-1/8" BIT, CO MUD & CMT TO TOP OF LEAK/METAL @ 705', POH, GIH W/MILL, CUT THROUGH BAD CASING SECTION, CO CMT TO NEXT CMT PLUG @ 1350'. TEST CSG TO 500# FOR 30 MINS, POH.

1B. RUN CBL/CIL (CMT BOND AND CASING INSPECTION LOG) 0-1350".

IF PRESSURE TEST HOLDS, GO TO STEP 3.

2. ISOLATE AND RESQUEEZE LEAKING INTERVAL(S) AS NEEDED UNTIL CASING PASSES 30 MIN 500# PRESSURE TEST. USE MILLS TO CUT THROUGH BAD CASING. DISCONTINUE WHEN COST APPROACHES \$50M, WELL RE-EVALUATE WELL FOR 5.5" FLUSH JOINT LINER (WELL HAS 7" CASING) OR CUT OUT BAD 7" AND TIE BACK TO SURFACE.

3. GIH W/6.125" BIT, CO WELL TO 5570' PBTD, CIRC VERY CLEAN. RUN PROD EQPT AS RECOMMENDED BY THOMPSON TSOSIE AT RATHERFORD.

TOM COCHRANE 2-27-96

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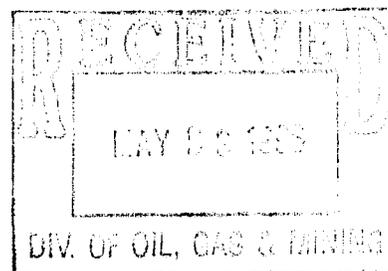
TYPE OF ACTION

Abandonment Change of Plans
 Recompletion New Construction
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 Casing Repair Water Shut-Off
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MIRU, PU 6 1/8" BIT, RIH TAG CMT @ 528', DO CMT F/528-710' TO COLLAPSED CSG. RIH TO 710' DO F/710'-846' & FELL THRU, CIRC CLEAN. PU 5 1/2" TAPPED MILL, MILL THRU COLLAPSED CSG F/710'-733, DO CMT F/733-846', FELL THRU, CIRC CLEAN, PRES TEST CSG TO 500# PSI F/30 MIN & HELD. CONTINUE IN W/ 6 1/8" BIT, TAG 2ND PLUG @ 1290' DO CM F/1290'-1660', DO F/1660-1895, FELL THRU, TAG 3RD PLUG @ 2360', DO CMT F/2360-2830' & FELL THRU, TAG 4TH PLUG @4225, DO CMT F/4225-4544' & FELL THRU, CIRC HOLE CLEAN TO RBP; RIH TO 5215' POOH W BIT & CS LD SAME, PU RETRIEVING TOOL, RIH & RET RBP, POOH, RIH CO FILL F/5530-5570 (PBDT), WELL TURN TO PRODUCTION.



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

Signed Shuley Robertson

Title ENV. & REG. TECHNICIAN

Date 5-20-96

(This space for Federal or State office use)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
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9. API Well No.
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11. County or Parish, State
SAN JUAN UT

SUBMIT IN TRIPLICATE

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 Oil Well Gas Well Other

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

3. Address and Telephone No.
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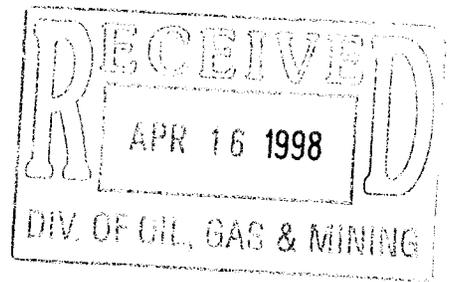
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SEE ATTACHED PLUG & ABANDONMENT PROCEDURE.



14. I hereby certify that the foregoing is true and correct
Signed See Moseley for Title SHIRLEY HOUCHINS/ENV & REG TECH Date 4-14-98

(This space for Federal or State office use)
Approved by State Title _____ Date _____
Conditions of Approval _____

Oil, Gas and Mining

Title 18 U.S.C. Sec. 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.

Date: 4/17/98
By: Shirley Houchins * See Instruction on Reverse Side

Ratherford Unit #21-13
Plug & Abandonment Procedure

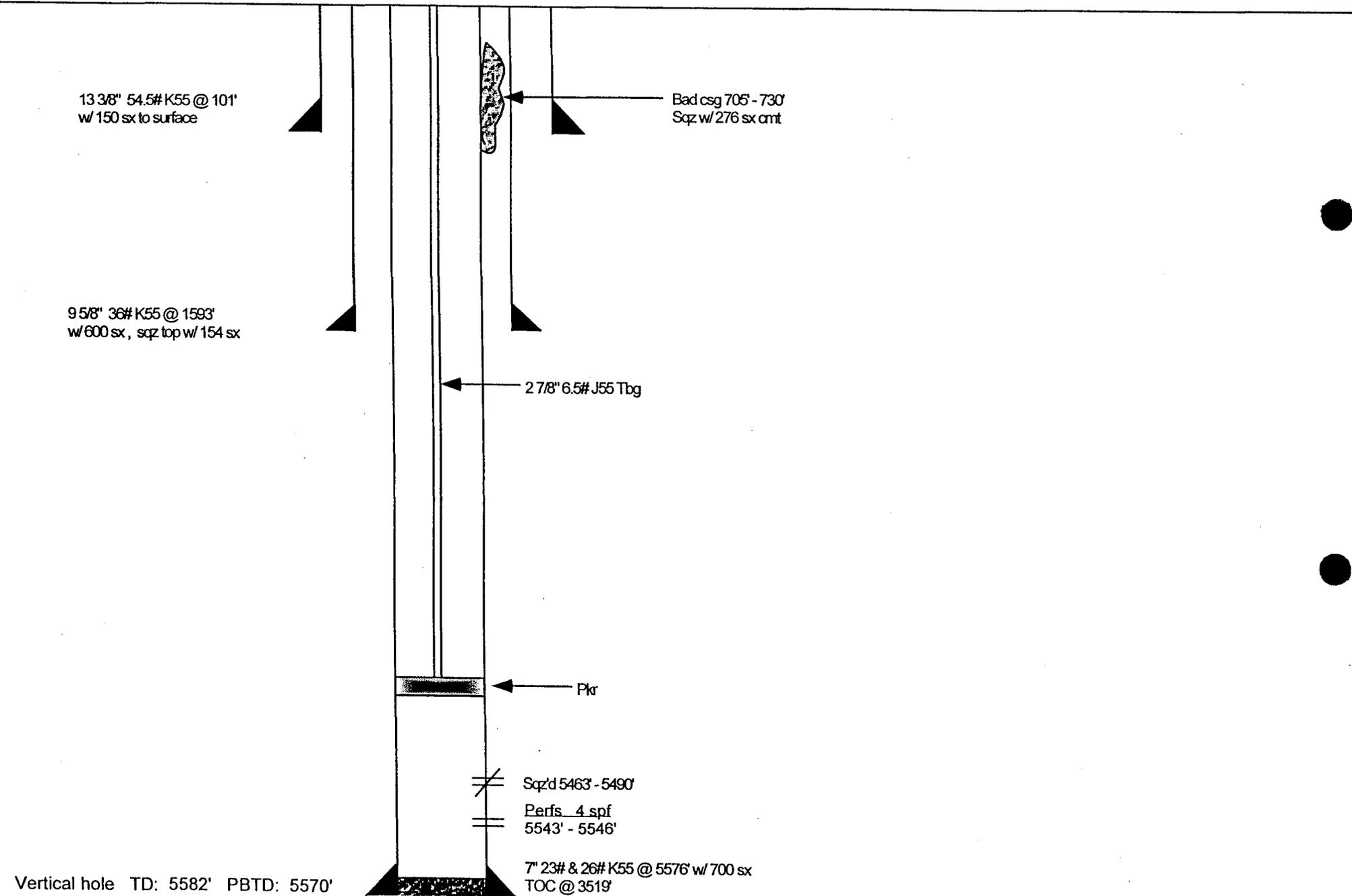
The objective of this operation is to plug & abandon the 21-13 wellbore as per BLM requirements.

1. Notify BLM and Navajo EPA 48 hours prior to plugging.
2. MIRU PU. ND wellhead. NU BOP. Pressure test BOPs
3. POOH w/ pkr + ws.
4. RIH w/ 4 ¼" bit + ws and clean out to PBTB. POOH
5. RU wl unit. RIH w/ CIBP and set @ 5400'. RD wl.
6. RIH w/ ws. Tag CIBP @ 5400'. Circ hole clean.
7. Spot 45 cu ft (208') on top CIBP. Reverse out.
8. PUH and spot 49 cu ft (230') plug across Hermosa formation.
9. POOH ws. RU wireline. Perf casing from 1485' - 1495' w/ 4 jspf.
10. RD WL. RIH w/ cement retainer + ws to 1395'. Set retainer. Test backside to 200#. Est injection rate thru perfs. Squeeze backside from 1495' to surface (w/ 100% excess). Pull out of retainer and reverse out.
11. RIH w/ ws and top fill casing to retainer @ 1395'.
12. If casing strings above ground, cut off and fill all strings w/ cement.
13. Weld on steel plate. Stamp on required P&A information.
14. ND BOP. NU WH. RDMO.

2030' FSL
515' FWL
S-21
T41S
R24E
San Juan Co., Utah

Ratherford Unit
21-13
Current Wellbore

YPO: 4/08/98
KB: 4702'
GL: 4690'



13 3/8" 54.5# K55 @ 101'
w/ 150 sx to surface

Bad csg 705' - 730'
Sqz w/ 276 sx cmt

9 5/8" 36# K55 @ 1593'
w/ 600 sx, sqz top w/ 154 sx

278' 6.5# J55 Tbg

Pkr

Sqz'd 5463' - 5490'

Perfs 4 spf
5543' - 5546'

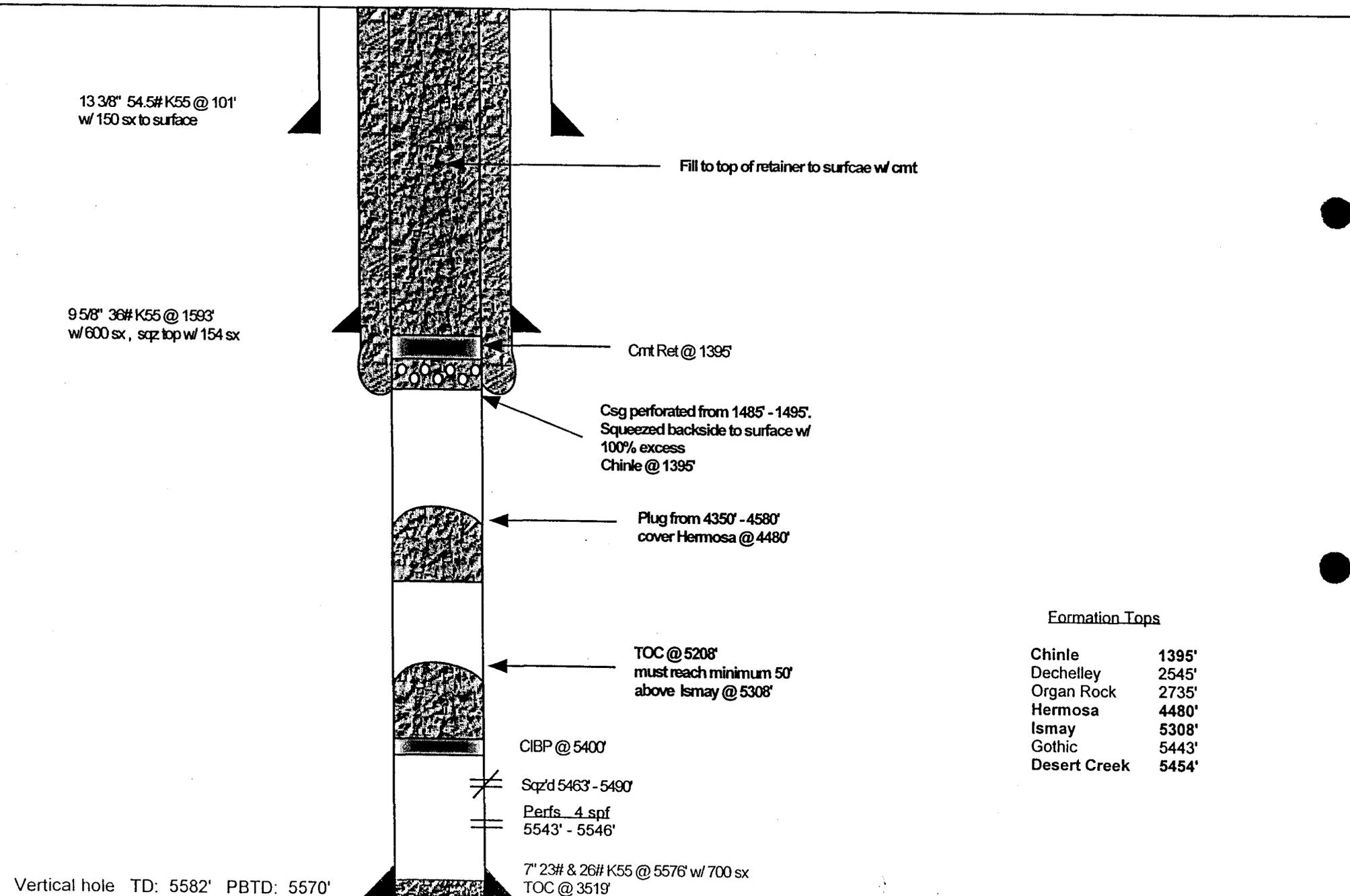
7" 23# & 26# K55 @ 5576' w/ 700 sx
TOC @ 3519'

Vertical hole TD: 5582' PBTD: 5570'

2030' FSL
 515' FWL
 S-21
 T41S
 R24E
 San Juan Co., Utah

Ratherford Unit
 21-13
 Proposed Wellbore

YPO: 4/08/98
 KB: 4702'
 GL: 4690'



13 3/8" 54.5# K55 @ 101'
 w/ 150 sx to surface

Fill to top of retainer to surface w/ cmt

9 5/8" 36# K55 @ 1593'
 w/ 600 sx, sqz top w/ 154 sx

Cmt Ret @ 1395'

Csg perforated from 1485' - 1495'.
 Squeezed backside to surface w/
 100% excess
 Chinle @ 1395'

Plug from 4350' - 4580'
 cover Hermosa @ 4480'

TOC @ 5208'
 must reach minimum 50'
 above Ismay @ 5308'

CIBP @ 5400'

Sqz'd 5463' - 5490'
 Perfs 4 spf
 5543' - 5546'

7" 23# & 26# K55 @ 5576' w/ 700 sx
 TOC @ 3519'

Formation Tops

Chinle	1395'
Dechelley	2545'
Organ Rock	2735'
Hermosa	4480'
Ismay	5308'
Gothic	5443'
Desert Creek	5454'

Vertical hole TD: 5582' PBDT: 5570'

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.

14-20-603-355

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

RATHERFORD UNIT

8. Well Name and No.

RATHERFORD 21-13

9. API Well No.

43-037-30921

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. 21, T41S, R24E
(NW/SW) 2030' FSL & 515' FWL

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

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

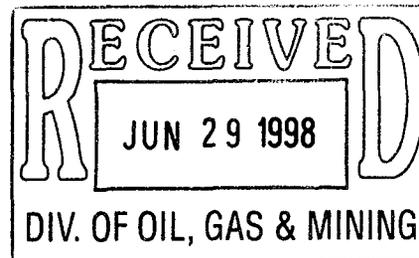
- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other P&A
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SEE ATTACHED PLUG & ABANDONMENT PROCEDURE.

5-19-98 -- 5-29-98



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

Signed

Shirley Houchins

Title

SHIRLEY HOUCHINS/ENV & REG TECH

Date

6-25-98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

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

* See Instruction on Reverse Side

ATTACHMENT - FORM 3160-5
RATHERFORD UNIT 21-13
14-20-603-355
NAVAJO TRIBAL
SAN JUAN, UTAH

- 05-19-98 CALLED NAVAJO EPA (CHARLENE MANUALITA) 5-18-98, INFORMED OF INTENT TO MIRU & PLUG WELL, AND NOTIFIED MIKE FLANGIAN W/BLM 5-18-98 @ 10 AM. MIRU NAVAJO WEST UNIT #1, DIG & LINED WORKOVER PIT. SITP & SICP @ 1900#, WELL WOULD NOT BLEED DOWN, COULD NOT GET KILL MUD. SWIFN.
- 05-20-98 SITP & SICP 1900#, BLED PRESS OFF WELL. ATTEMPT TO KILL, COULD NOT KILL, SHUT WELL IN W/1350 # ON CSG & 900# ON TBG.
- 05-21-98 14HRS SITP 920#, SICP 1350#, ATTEMPT TO KILL WELL W/15.7# MUD, FINAL SITP 700#
- 05-22-98 RU DOWELL CTU. RIH W/CTU TO 4874', BRIDGE IN TBG. CIRC TBG W/15.7# MUD, POOH W/CTU, RIH W/TBG PERF GUN, SHOT 2 HOLES IN TBG @ 4872'. SWIFN.
- 05-23-98 RIH W/CT TBG, KILL WELL/RD CT, ND WELLHEAD, NU BOP, POOH W/PROD TBG. TBG PARTED @ 4700'. TBG STRING JUNK, PU & RIH W/BIT & 7" CSG SCRAPER TO 4790'. NOTIFIED RON SNOW W/BLM IN FARMINGTON, NM @ 1600 HRS 5-23-98 IF TBG BEING PARTED @ 4700'. PERMISSION TO RUN BIT & SCRAPER TO TOP OF FISH. THEN RUN CMT RETAINER TO START PLUGGING OPERATIONS. SWI.
- 05-26-98 SITP & SICP 0#, POOH W/TBG, SCRAPER & BIT, LD PROD. TBG. RIH W/7" GUIBERSON CMT RETAINER, SET @ 4780'. TEST TBG TO 1000# HELD OK., TEST CSG TO 600# SLIGHT LEAK IN CSG. ATTEMPT TO PUMP INTO FORMATION, PRESS. UP TO 1200#, BLED DN TO 900#. SIFN.
- 05-27-98 RU DOWELL. SPOT 110 SXS CLASS G CMT MIXED TO 15.8 PPG F/4780-4240'. PULL TBG TO 3220' CIRC HOLE CLEAN W/FRESH WTR. RON SNOW (ON LOCATION) W/BLM GAVE APPROVAL NOT TO PUMP CMT BELOW RET. BLM WANTS TO ISOLATE CSG LEAK IN 7" CSG BEFORE SETTING LAST PLUG.
- 05-28-97 SITP & SICP 980#. BLED PRESS OFF WELL. SMALL WTR FLOW OUT CSG. RIH W/TBG TAG @ 2830. CIRC CLEAN. TIH W/7" GUIBERSON PKR TO 966'. SET PKR. RU BASIN PERF. RIH W/R" CSG GUN. PERF 2 SQUEEZE HOLES AT 1650'. POOH W/TOOLS. RD WL. RU DOWELL, PRESS CSG TO 1200#. CIRC CSG W/220 SXS 65/35 POZ C CMT MIXED TO 12 PPG. LD TBG. TOP FILL CSG W/CMT. SHUT BLIND RAMS ON BOP. PRESS CSG TO 500# HELD OK. RD DOWELL, SWIFN, CMENT PLUGS WERE SET TO BLM SPEC. RON SNOW W/BLM WAS ON LOCATION.
- 05-29-98 ND BOP. DIG OUT WELLHEAD, WELD ON PLATE. DIG OUT FLOWLINE. COVER UP WELL & CLEAN LOCATION. RD UNIT. MOVE OUT EQUIPMENT. WELL IS PLUGGED & ABANDONED.