



PHILLIPS PETROLEUM COMPANY

P. O. Box 2920
Casper, Wyoming 82602

July 20, 1983

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

Re: Phillips' Ratherford Unit
San Juan County, Utah
Well #20-13
NTL-6

Gentlemen:

The following multi-point surface use and operations plan covering the drilling, completion, and operation of development well, Ratherford Unit #20-24, operated by Phillips Petroleum Company, is submitted for your approval, contingent on securing residents approval.

1. Ratherford Unit #20-13
Sec. 20-T41S-R24E
2140' FSL 500' FWL (NW, SW)
2. Elevation: 4799' ungraded ground
3. The surface formation of Well #20-13 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	1510'
Shinarump	2360'
DeChelly	2640'
Hermosa	4560'
Paradox	5480'

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 2140' FSL 500' FWL (NW SW)
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approximately 4 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)
 2140' North of Ratherford

16. NO. OF ACRES IN LEASE
 2534 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.
 1170' South of #20-12

19. PROPOSED DEPTH
 5700' *PARADOX*

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4799' Ungraded Ground

22. APPROX. DATE WORK WILL START*
 August 1983

5. LEASE DESIGNATION AND SERIAL NO.
 14-20-603-353

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.
 #20-13

10. FIELD AND POOL, OR WILDCAT
 Greater Aneth

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 20-T41S-R24E

12. COUNTY OR PARISH
 San Jaun

13. STATE
 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. 200 ft.)

Approval is requested to drill Ratherford Unit #20-13, 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
 JUL 20 1983
 DIVISION OF
 OIL, GAS & MINING

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 *A. E. Stuart* TITLE Area Manager DATE July 20, 1983

(This space for Federal or State office use)

PERMIT NO. _____

APPROVED BY _____ TITLE _____

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

DATE: 7-28-83
 BY: *Harmond*
 Form 9-331C & Location Plat Only B. Conner
 Form 9-331C & Location Plat Only R.M. Coffelt

- 5- Minerals Management Service, Farmington, NM
 ✓ Utah O&G CC - S.L. C. Utah
 1- J. L. Whitmire (w) T.C. Doughty
 1- G.W. Berk
 1- T. M. Isaacs

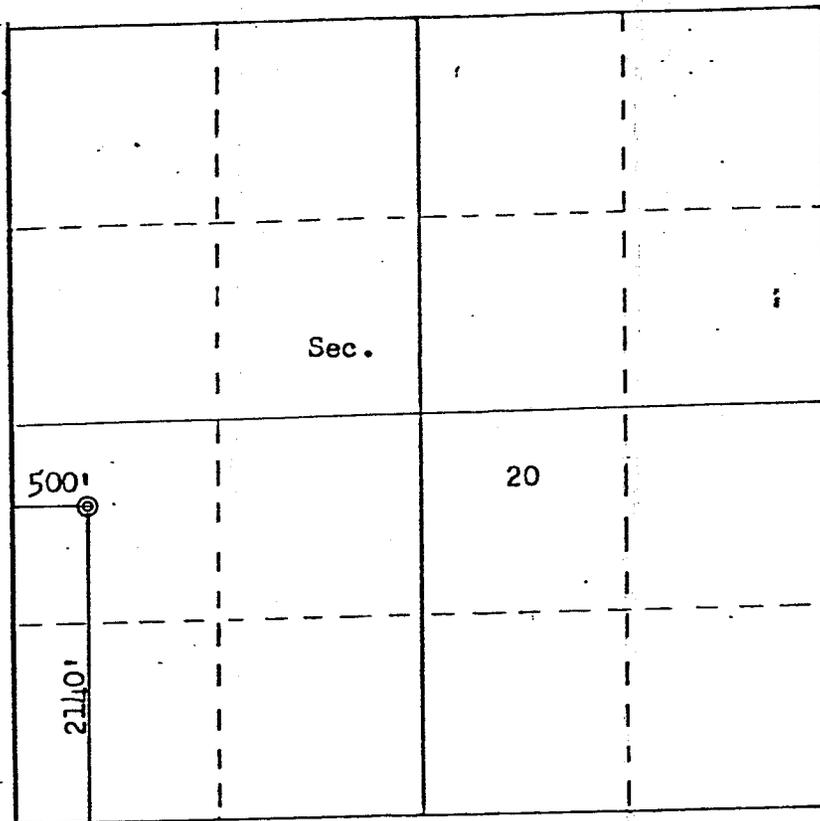
COMPANY PHILLIPS PETROLEUM COMPANY

LEASE RATHERFORD UNIT WELL NO. 20-13

SEC. 20, T. 41S, R. 24E
San Juan County, Utah

LOCATION 2140' FSL 500' FWL

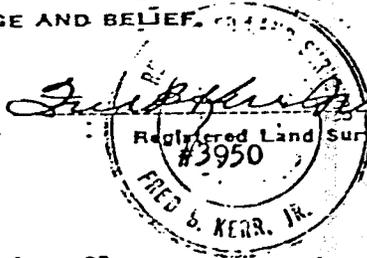
ELEVATION 4799 ungraded ground



SCALE—4 INCHES EQUALS 1 MILE

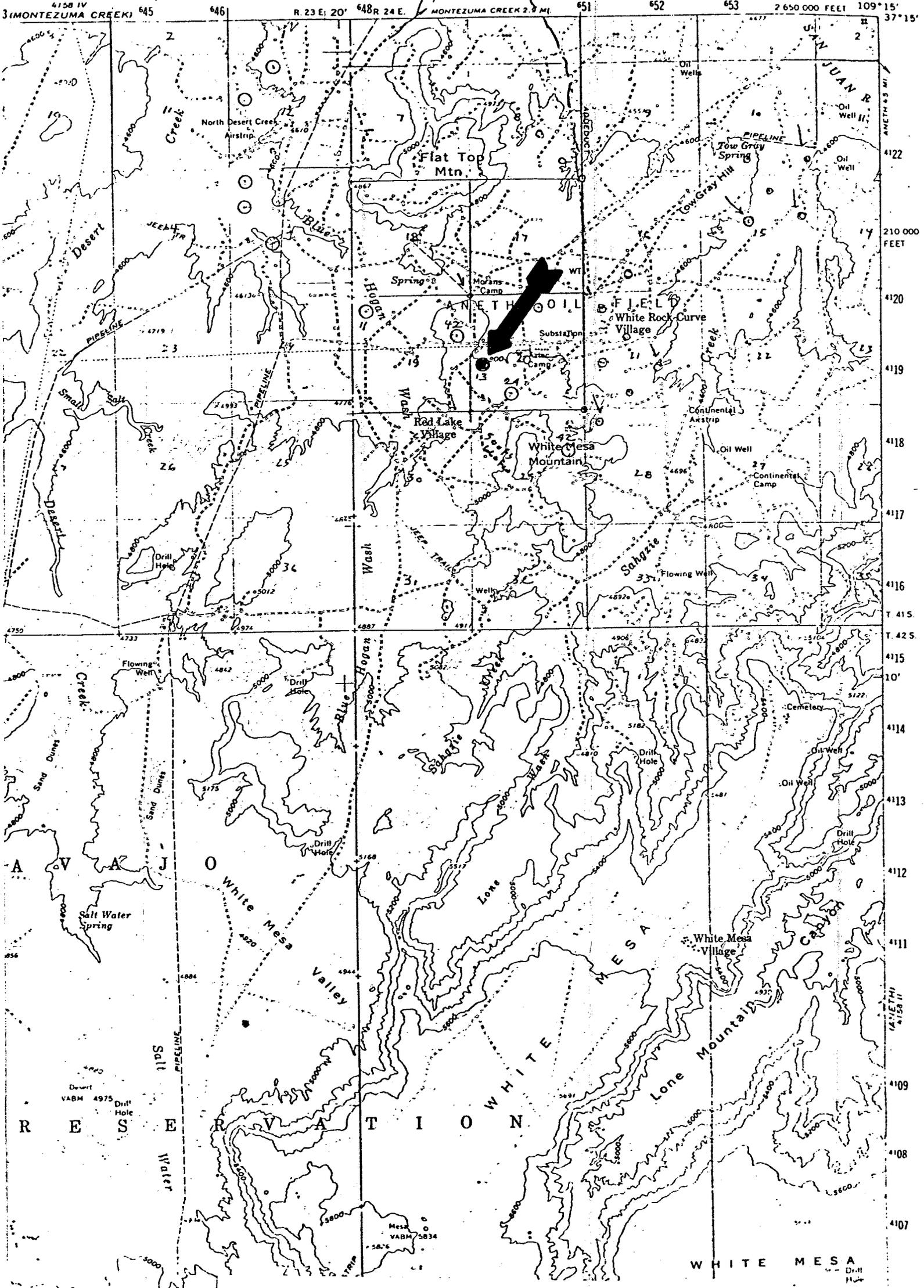
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTE OF ACTUAL SURVEYS MADE BY ME UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SEALS



SURVEYED December 21 1981

WHITE MESA VILLAGE QUADRANGLE
UTAH
15 MINUTE SERIES (TOPOGRAPHIC)



Vicinity Map for
PHILLIPS PETROLEUM COMPANY #20-13 RATHERFORD UNIT
2140' FSL 500' FWL Sec. 20-This-R24E
SAN JUAN COUNTY, UTAH

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 preventers will be 10" series 900 equipment, to be tested initially to 3000 psi; operated daily, and tested weekly to 1500 psi. BOP tests will be conducted on the first trip out of the hole after 12:01 AM on each Tuesday, will be 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. BOP 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. No coring or drill stem tests are planned.

13. No abnormal pressures and temperatures, or hydrogen sulfide are anticipated.
14. Drilling operations are estimated to take twenty-two days per well. 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 900' 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 the 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 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 north. 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.

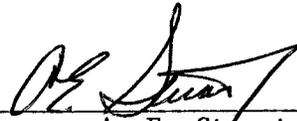
12. Lessee's or Operator's representative:

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

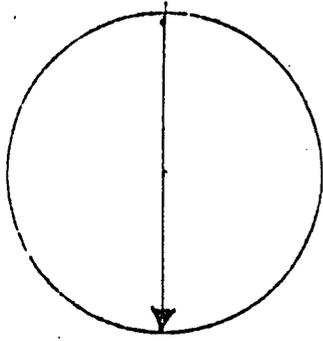
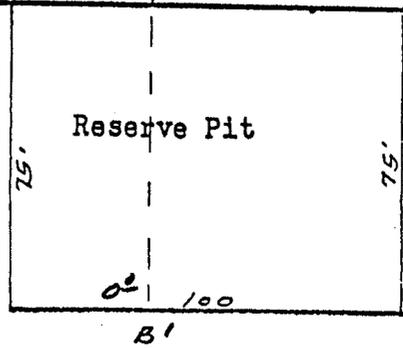
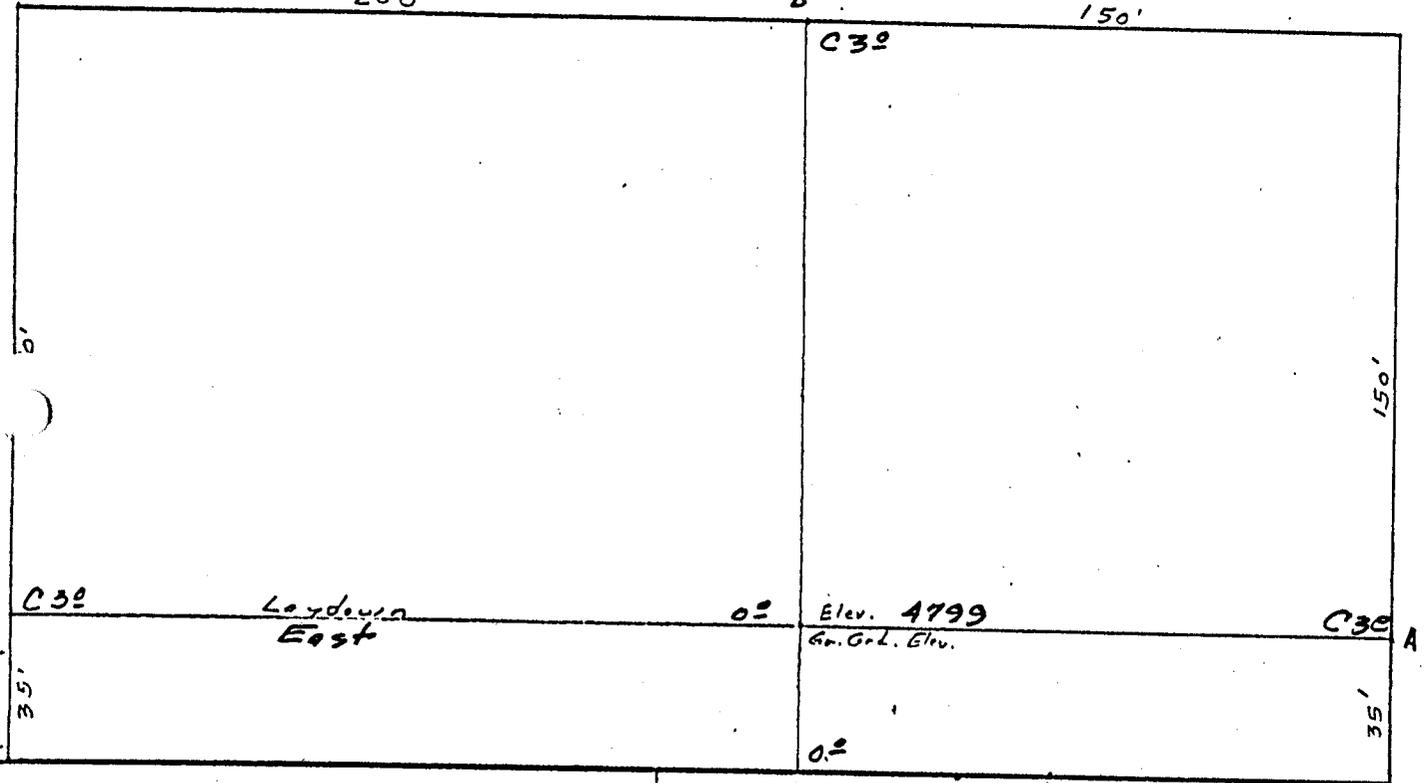
7/21/83
Date

Phillips Petroleum Co # 20-13 Ratherford Unit
 2140' FSL 500' FWL Sec. 20-T41S-R24E
 San Juan County, Utah

200'

B

150'



Date: 12-21-81
 Kerr Land Surveying

A-A' d

	Vert. 1-30	Horiz 1-1
4800		
4790		

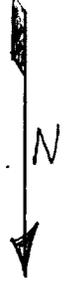
B-B' d

4800		
4790		

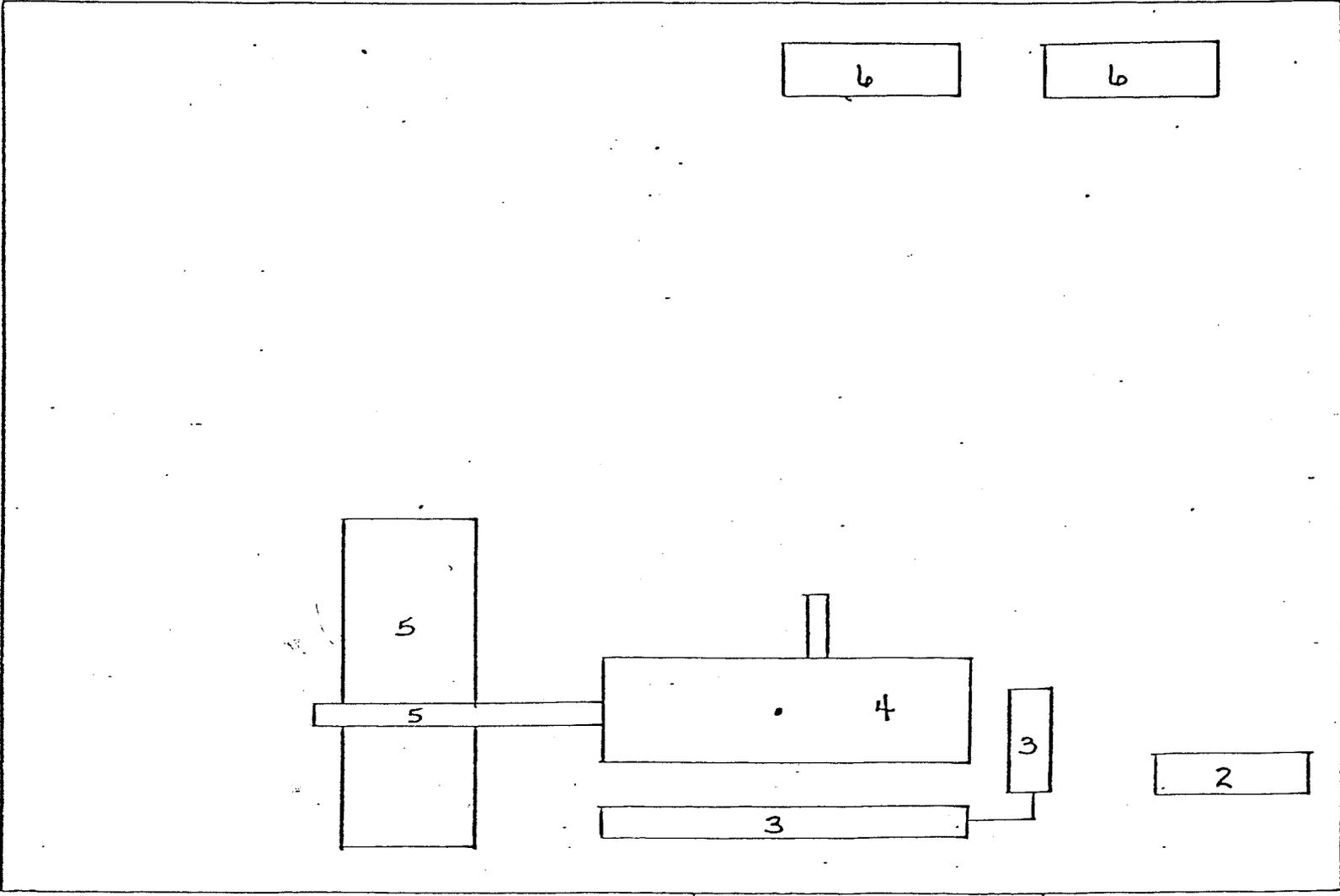
C-C' d

Kerr Land Surveying Inc.

Date: _____



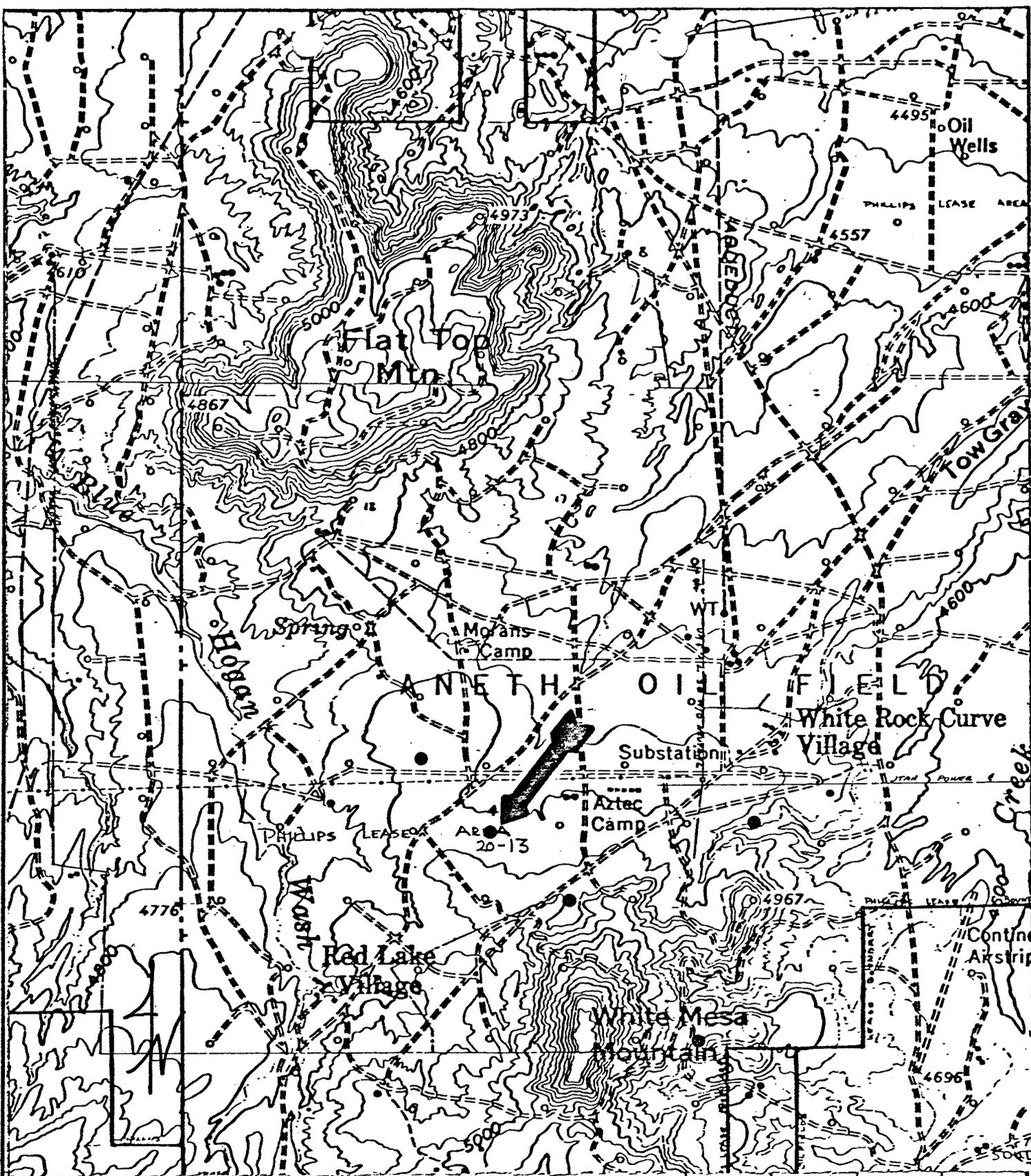
RATHERFORD UNIT
#20-13
NW SW SEC. 20-T41S-R24E



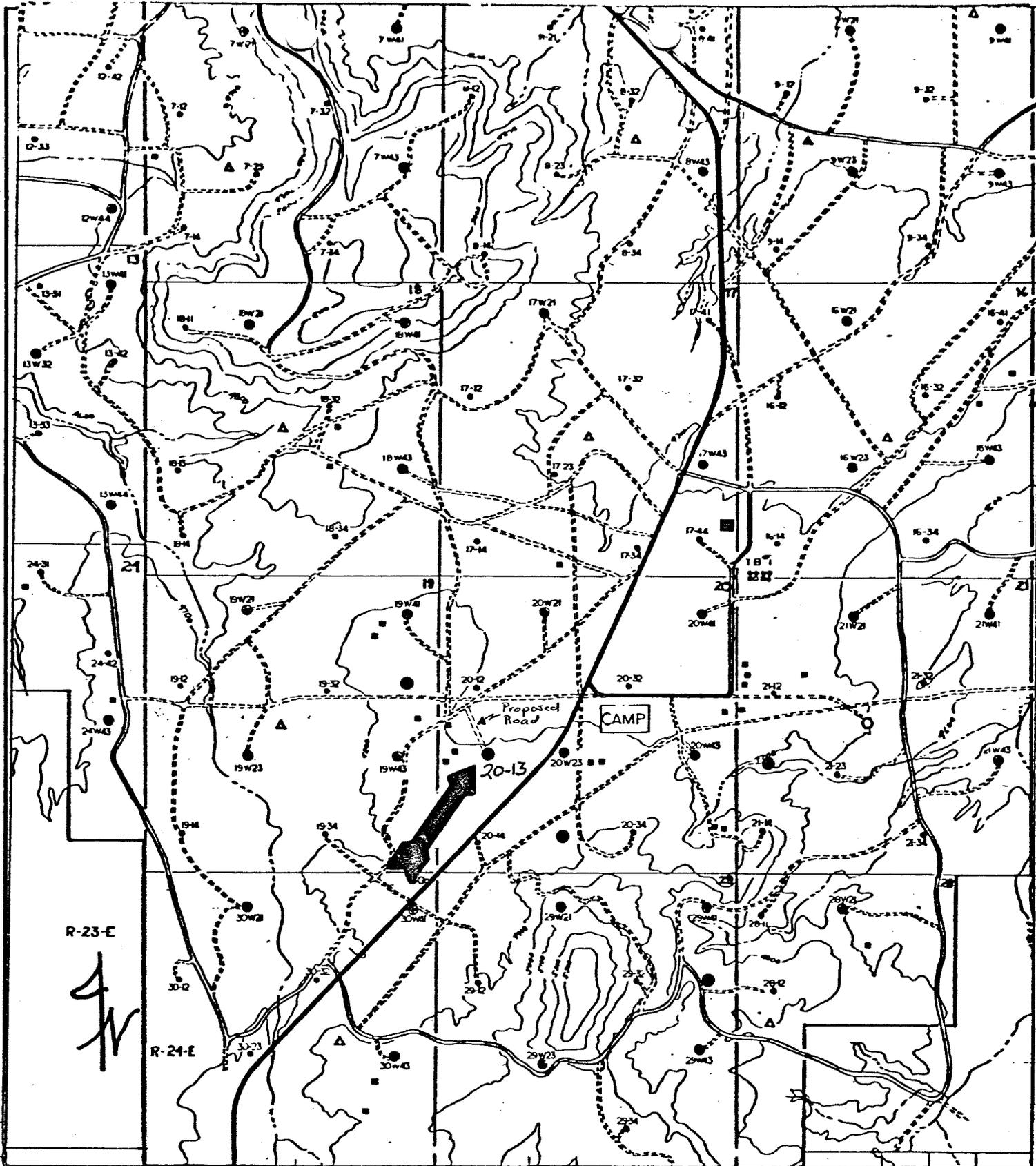
- 1. RESERVE PIT
- 2. TRASH PIT
- 3. CIR. PITS & PUMP
- 4. RIG
- 5. CAT WALK & PIPE RACKS
- 6. TRAILERS

DRILLING RIG LAYOUT

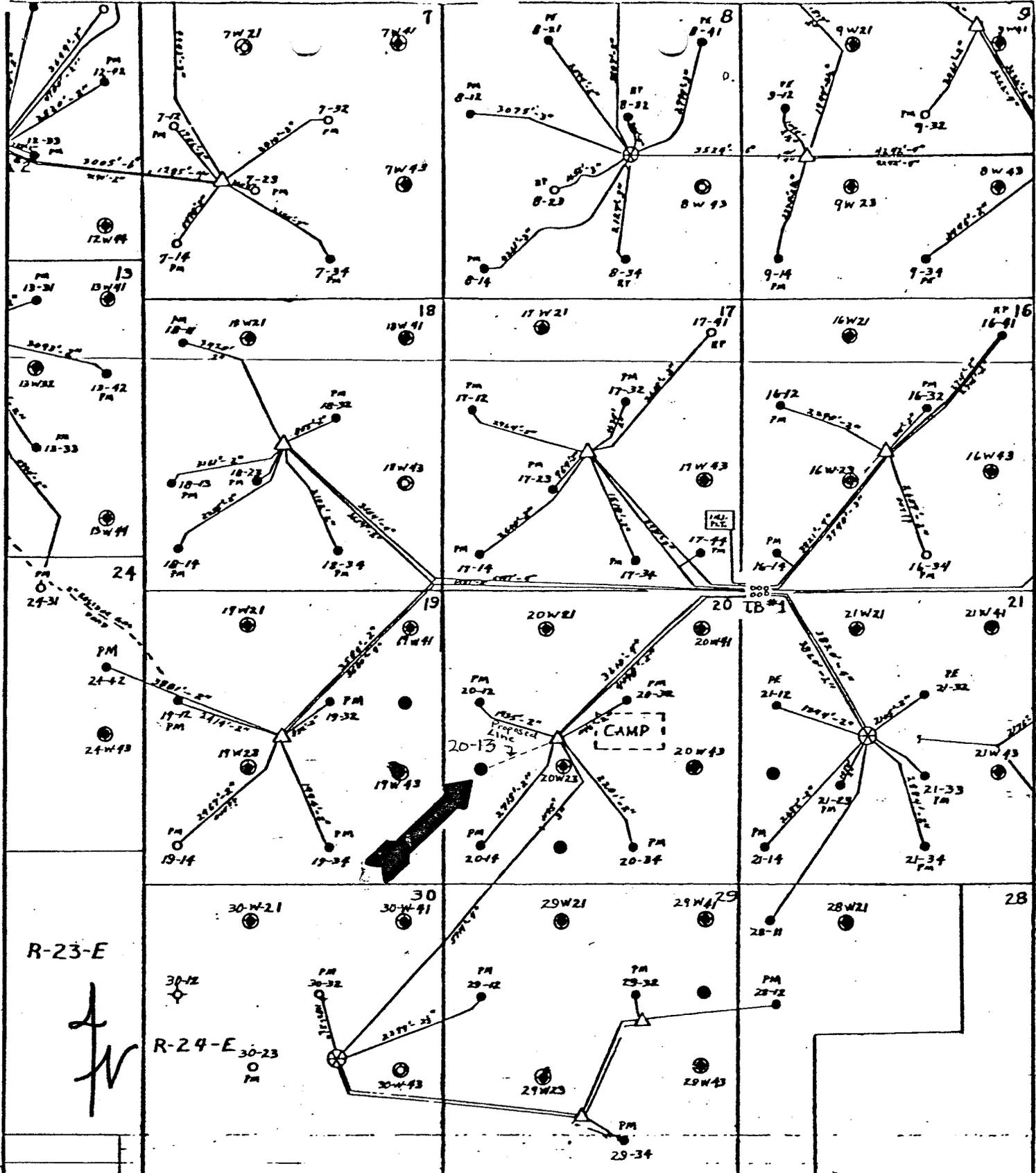
OUTLINE OF LOCATION APPROXIMATELY 250' x 350'
NOT TO SCALE.



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FOR BIDS	 PHILLIPS PETROLEUM COMPANY 			JA NO.	FILE CODE	
FOR APPR				AFE NO.	SCALE	
FOR CONST				24"=1MI		
DRAWN	CJW	RATHERFORD UNIT WELL 20-13 PROPOSED NW SW SEC. 20 T41S R24E SAN JUAN CO., UTAH			DWG NO.	
CHECKED					SH NO.	
APP'D						



NO.	REVISION	BY	DATE	CHKD	APP'D
FOR BIDS	PHILLIPS PETROLEUM COMPANY			JA NO.	FILE CODE
FOR APPR	 RATHERFORD UNIT WELL 20-13 PROPOSED ROAD PLAT NWSW SEC. 20 T41S R24E SAN JUAN CO., UTAH			AFE NO.	SCALE 2 1/4" = 1M.
FOR CONST				DWG NO.	SH NO.
DRAWN	CJW				
CHECKED					
APP'D					

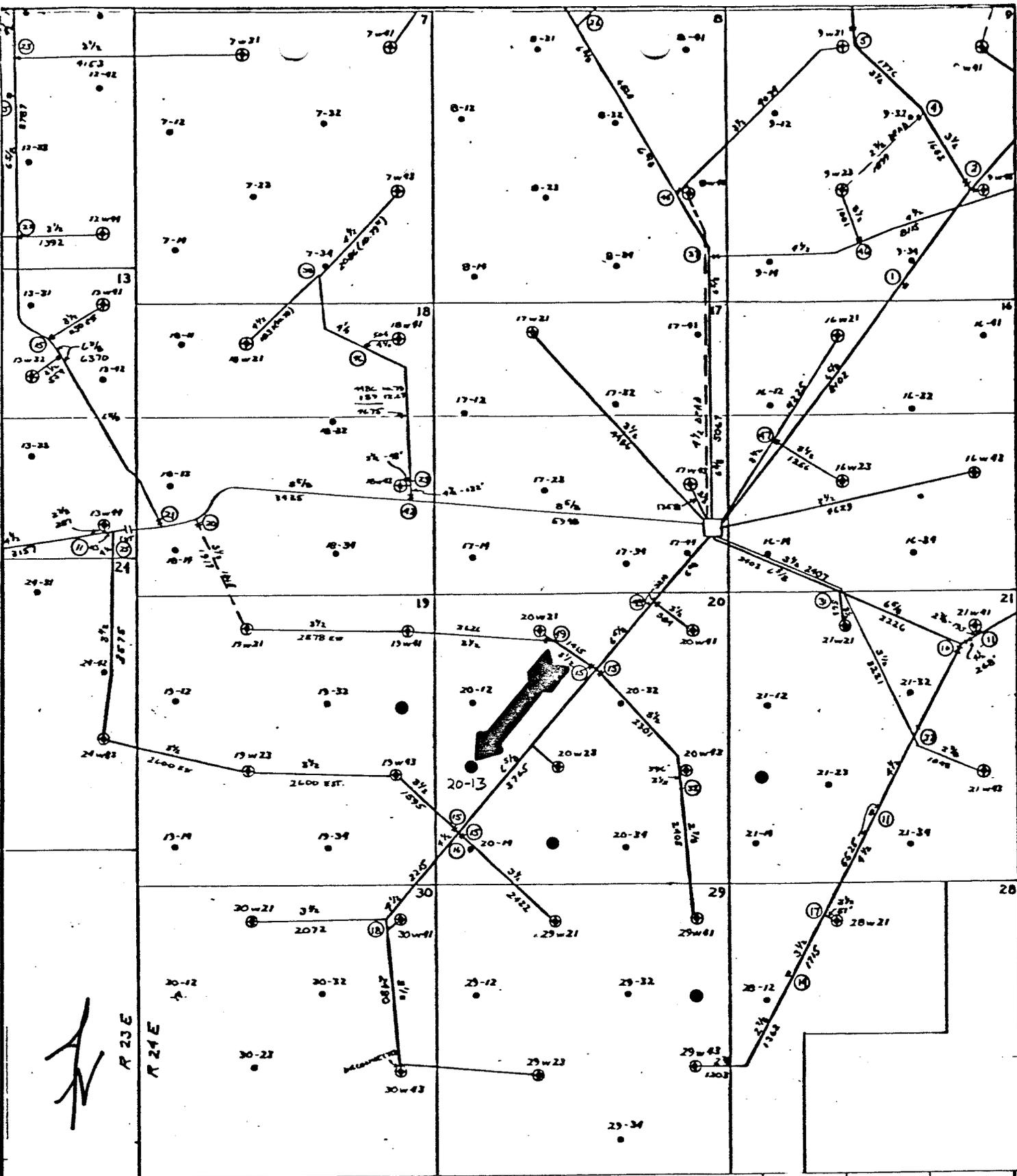


R-23-E

Handwritten signature/initials

R-24-E

NO.	REVISION	BY	DATE	CHKD	APP'D
FOR BIDS	PHILLIPS PETROLEUM COMPANY			JA NO.	FILE CODE
FOR APPR	 RATHERFORD UNIT WELL 2013 PROPOSED LEAD LINE NWSW SEC. 20-T41S-R24E SAN JUAN CO., UTAH			AFE NO.	SCALE 2 1/4" = 1 Mi.
FOR CONST				DWG NO.	SH NO.
DRAWN	CJW				
CHECKED					
APP'D					



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FOR BIDS	PHILLIPS PETROLEUM COMPANY			JA NO.	FILE CODE
FOR APPR				AFE NO.	SCALE
FOR CONST	<p style="text-align: center;"> RATHERFORD UNIT WELL 20-13 INJECTION LINES NW SW SEC. 20-T41S-R24E SAN JUAN CO., UTAH </p>			<p style="text-align: center;">  24" = 1 MI </p>	
DRAWN	CJW	DWG NO.			
CHECKED		SH NO.			
APP'D					

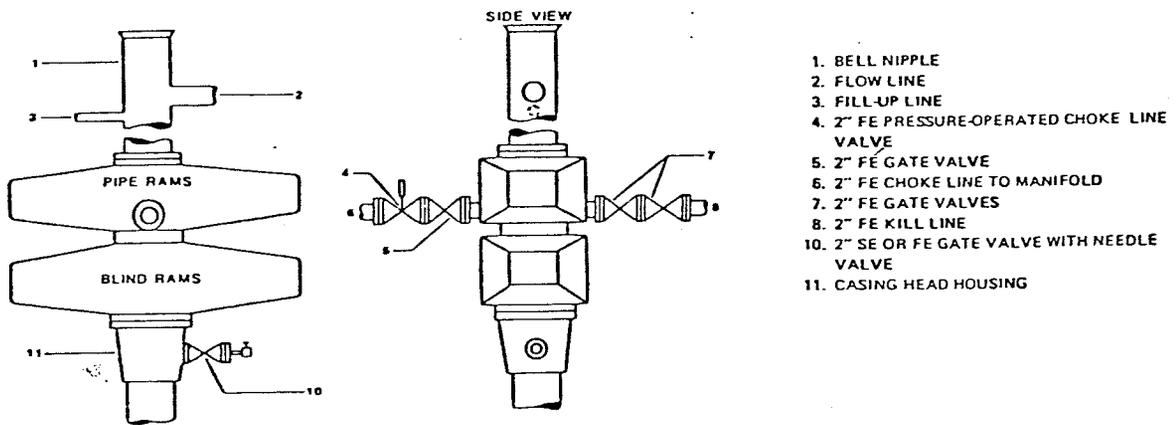


Figure 7-10. Standard Hydraulic Blowout Preventer Assembly
(2 M or 3 M Working Pressure) Alternative 3 (without Drilling Spool)

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.)

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.

reparations
for Test
steps 1-9.

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.

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.

Ram Change
Steps 3-9

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.



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.



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 Ratherford 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

Well Description

Well Name: Phillips Petroleum Company, # 20-13
Ratherford Unit

Legal Description: NW $\frac{1}{4}$, SW $\frac{1}{4}$, Section 20, T 41 S, R 24 E, San Juan County, Utah

Measured Location: 500 feet from west section line, 2140 feet from south section line

Elevation: 4800 feet

UTM: Zone 12, E 649775/ N 4118925

Map Reference: USGS 15 minute, White Mesa Village, Utah 1962

Area Surveyed: 350' x 350' well pad; existing trail road to serve as access-not surveyed.

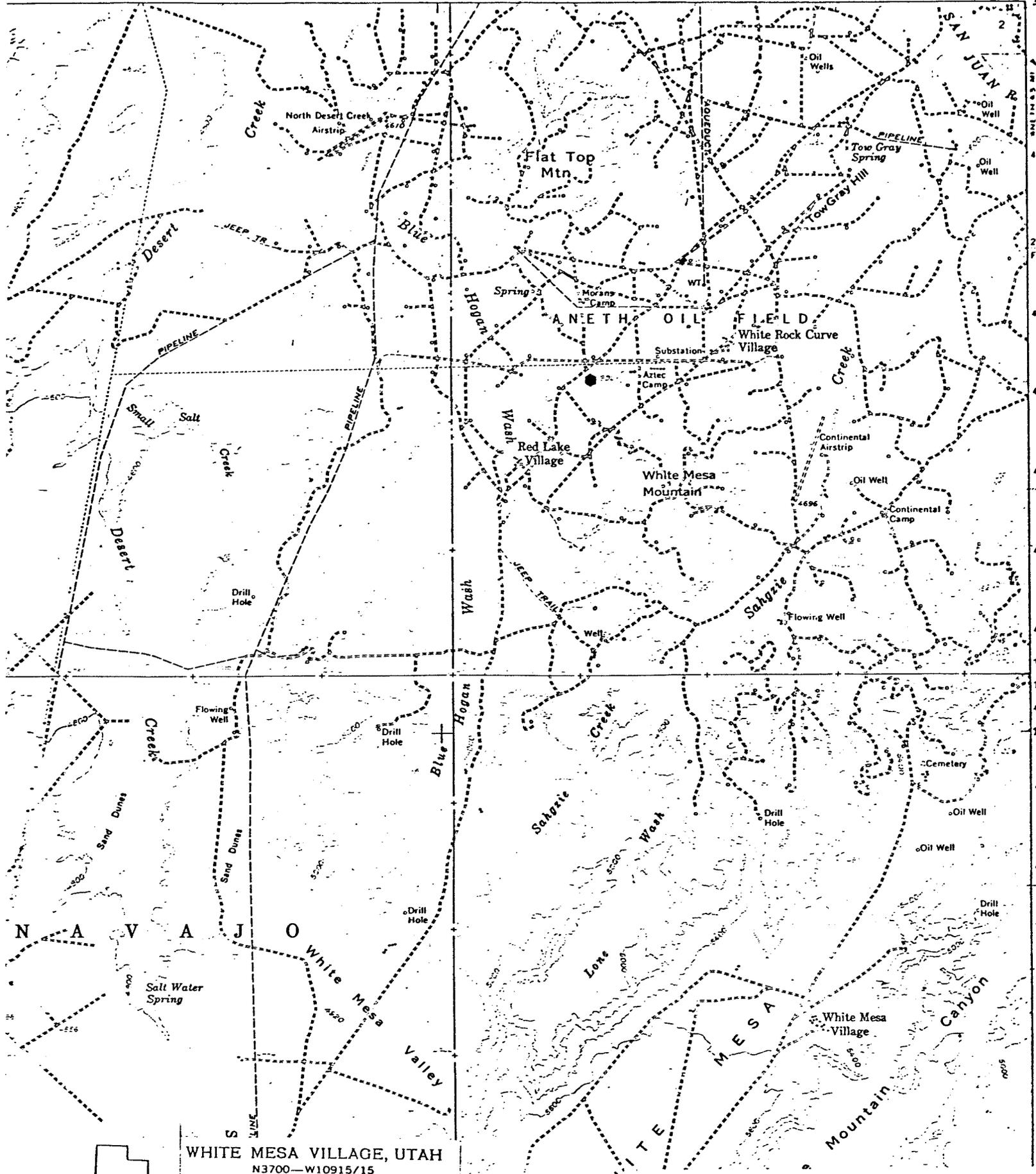
Description: Well pad is located in an area of level sand covered terrain with a series of small stabilized dunes in southwestern portion of location. A powerline is located along the northern edge of the proposed pad and a trail road to some Navajo dwellings occurs 35 feet east of the drill hole. Sparse vegetation of rabbitbrush, yucca, mormon tea, and clump grass with occasional cans and paper scraps scattered over area due to proximity of the dwellings.

Cultural Resources: No prehistoric or historic cultural resources of significance were recorded. There are no known Navajo traditional values involved.

Recommendations: Cultural Resource Clearance is recommended

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 2.9 MI 651 652 653 7 650 000 FEET 109 15



WHITE MESA VILLAGE, UTAH
N3700—W10915/15

1962

AMS 4158 III—SERIES V797

Figure 5 Location Map
Phillips # 20-13



QUADRANGLE LOCATION

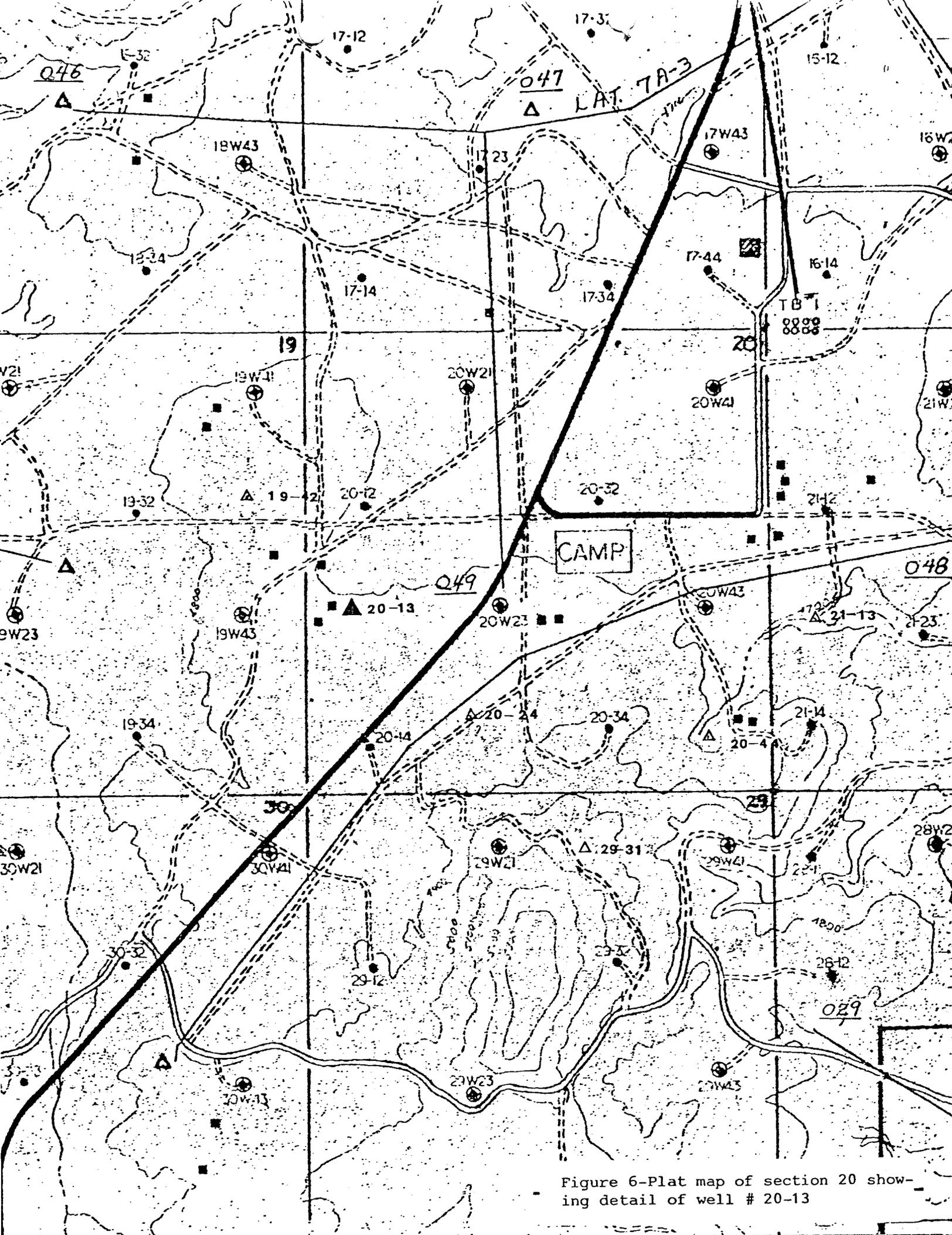


Figure 6-Plat map of section 20 showing detail of well # 20-13

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

Rather than want w. s. well.

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	Off.	Dept.
Supr.	<input checked="" type="checkbox"/>	
Asst. Supr.	<input checked="" type="checkbox"/>	
Dist. Engr.	<input checked="" type="checkbox"/>	
Civ. Engr.	<input checked="" type="checkbox"/>	
Legal	<input checked="" type="checkbox"/>	
Records	<input checked="" type="checkbox"/>	
S. Office	<input type="checkbox"/>	
Send copy to		

Quinn Eade 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 _____

1

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

Item 7 - Points of Diversion

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. 150 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. 900 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. DELETE FC
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.	

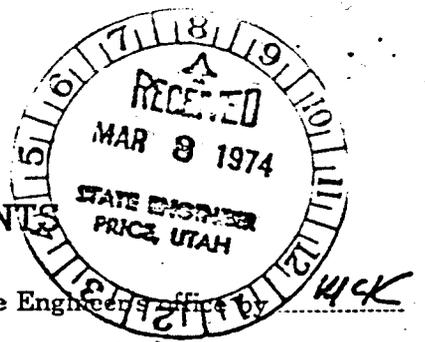
Item 9 - Place of Use: Ratherford Unit Greater Aneth Oil Field; S $\frac{1}{2}$ Sec. 1; SE $\frac{1}{4}$ Sec. 2; E $\frac{1}{2}$ Sec. 11; Sec. 12; Sec. 13; E $\frac{1}{2}$ Sec. 14; NE $\frac{1}{4}$ Sec. 24, T41S, R23E, SLB&M. Secs. 3-10; W $\frac{1}{2}$ Sec. 11; W $\frac{1}{2}$ Sec. 14; Secs. 15-21; NW $\frac{1}{2}$ & W $\frac{1}{2}$ SW $\frac{1}{2}$ Sec. 22; W $\frac{1}{2}$ NE $\frac{1}{2}$, NW $\frac{1}{2}$, W $\frac{1}{2}$ SW $\frac{1}{2}$ 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. (D-41-24) 5aad
2	S. 1014 ft. & W. 442 ft. from NE Cor. Sec. 5, T41S, R24E, SLB&M. (D-41-24) 5aad
3	S. 1007 ft. & W. 741 ft. from NE Cor. Sec. 5, T41S, R24E, SLB&M. (D-41-24) 5aac
4	S. 1010 ft. & W. 592 ft. from NE Cor. Sec. 5, T41S, R24E, SLB&M. (D-41-24) 5aad
5	S. 982 ft. & W. 294 ft. from NE Cor. Sec. 5, T41S, R24E, SLB&M. (D-41-24) 5aad
6	S. 887 ft. & W. 2 ft. from NE Cor. Sec. 5, T41S, R24E, SLB&M. (D-41-24) 5aad
7	S. 863 ft. & E. 145 ft. from NW Cor. Sec. 4, T41S, R24E, SLB&M. (D-41-24) 5aad
8	S. 843 ft. & E. 293 ft. from NW Cor. Sec. 4, T41S, R24E, SLB&M. (D-41-24) 5aad
9	S. 818 ft. & E. 440 ft. from NW Cor. Sec. 4, T41S, R24E, SLB&M. (D-41-24) 5aad
10	S. 803 ft. & E. 590 ft. from NW Cor. Sec. 4, T41S, R24E, SLB&M. (D-41-24) 5aad
11	S. 789 ft. & E. 739 ft. from NW Cor. Sec. 4, T41S, R24E, SLB&M. (D-41-24) 5aac
12	S. 777 ft. & E. 939 ft. from NW Cor. Sec. 4, T41S, R24E, SLB&M. DELETE FC
13	S. 803 ft. & E. 1137 ft. from NW Cor. Sec. 4, T41S, R24E, SLB&M. (D-41-24) 5
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 ENDORSEMENT



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 8, 1974 Application microfilmed by _____ Roll No. 709 and indexed by WCK
5. 4/16/74 Application platted by WCK See following page 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 dph & SJ
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 dph & SJ
13. _____ Change Application protested by _____
14. April 24 1974 Pub paid med. 2-1447-1
NOV. 16, 1971 Field Examined by WCK & LG
15. MAY 20, 1974 Application designated for approval rejection by WCK & SJ
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, 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. 9-7804

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]
Hester
(HP) *[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 of H. W. Patterson]

H. W. Patterson
Production Director
Western District

CML:rc
Attachment

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



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

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. Blume
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

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

ROC

Subscribed and sworn to before me this 28th day of Sept

.19 20.

[Signature]
NOTARY PUBLIC

My commission expires: 9-16-10

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. Holes' 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. Holes ✓

12/8/65
HSE

JK
JFO

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

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:ml1

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 $SE\frac{1}{4}NE\frac{1}{4}NW\frac{1}{4}$ 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, $N\frac{1}{2}$ 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 findings.

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

ds

1961
SENIOR

*Revised
from
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 Rutherford 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 Rutherford 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 ATTACHED

3 copies transmitted
Chair Session
10-13-67
Bob Hill

STURSENSE
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~~ 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.
- †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. ~~XXXXXX~~ ○
(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

RECEIVED
WAYNE D. CRIDDLE
STATE ENGINEER
PRODUCTION
DEPARTMENT

September 11, 1961

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

ADDRESS ALL COMMUNICATIONS TO:

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

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

APPLICATION TO APPROPRIATE WATER STATE OF UTAH

NOTE:—The information given in the following blanks should be free from explanatory matter, but when necessary, a complete supplementary statement should be made on the following page under the heading "Explanatory."

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, for uses indicated by (X) in the proper box or boxes, 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.

1. Irrigation Domestic Stockwatering Municipal Power Mining Other Uses

2. The name of the applicant is PHILLIPS PETROLEUM COMPANY

3. The Post Office address of the applicant is Bartlesville, Oklahoma

4. The quantity of water to be appropriated is -- 8 -- second-feet or acre-feet

5. The water is to be used for See Explanatory from January 1 to December 31
(Major Purpose) (Month) (Day) (Month) (Day)

other use period from to
(Minor Purpose) (Month) (Day) (Month) (Day)

and stored each year (if stored) from to
(Month) (Day) (Month) (Day)

6. The drainage area to which the direct source of supply belongs is
(Leave Blank)

7. The direct source of supply is Underground water and subsurface flow of San Juan River
(Name of stream or other source)

which is tributary to Colorado River tributary to

*Note.—Where water is to be diverted from a well, a tunnel, or drain, the source should be designated as "Underground Water" in the first space and the remaining spaces should be left blank. If the source is a stream, a spring, a spring area, or a drain, so indicate in the first space, giving its name, if named, and in the remaining spaces, designate the stream channels to which it is tributary, even though the water may sink, evaporate, or be diverted before reaching said channels. If water from a spring flows in a natural surface channel before being diverted, the direct source should be designated as a stream and not a spring.

8. The point of diversion from the source is in San Juan County, situated at a point*

~~See Explanatory~~ #1-S.1000 ft. and W. 150 ft.; #2-S.1000 ft. and W. 450 ft.;
#3-S.1000 ft. and W. 750 ft.; #4-S.1000 ft. and W. 1050 ft.; #5-S.1000 ft. and
W. 1350 ft.; #6-S.1000 ft. and W. 1650 ft.; #7-S.1000 ft. and W. 1950 ft.;
#8-S.1000 ft. and W. 2250 ft.; #9-S.1000 ft. and W. 2550 ft.; and #10-S.1000 ft. and
W. 2850 ft.; all from NE Cor. Sec. 5, T15S, R24E, S1B&M. (See letter of 7-16-37 attached)

*Note.—The point of diversion must be located definitely by course and distance or by giving the distances north of south, and east or west with reference to a United States land survey corner or United States mineral monument, if within a distance of six miles of either, or if at a greater distance, to some prominent and permanent natural object. No application will be received for filing in which the point of diversion is not defined definitely.

9. The diverting and carrying works will consist of See Explanatory

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

11. If application is for irrigation purposes, the legal subdivisions of the area irrigated are as follows:

 Total Acres

12. Is the land owned by the applicant? Yes No

13. Is this water to be used supplementally with other water rights? Yes No
If "yes," identify other water rights under explanatory.

14. If application is for power purposes, describe type of plant, size and rated capacity.

15. If application is for mining, the water will be used in Greater Aneth Area
~~oil field~~ where the following ores are mined oil and gas

16. If application is for stockwatering purposes, number and kind of stock watered

17. If application is for domestic purposes, number of families to be served

18. If application is for municipal purposes, name of municipality

19. If application is for other uses, include general description of proposed uses

20. Give place of use by legal subdivision of the United States Land Survey for all uses described in paragraphs 14 to 19, incl. See Explanatory

21. The use of water as set forth in this application will consume -- 8 -- second-feet of water
and -- 0 -- second feet will be returned to the natural stream or source at a point described
as follows:

EXPLANATORY

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

ITEM 2

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 3

The point or points of diversion from the source will be in Section 5, T41S, R24E S1M, 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 13,500 feet of 10-3/4 inch conveyance pipe to places of use.

ITEM 20

Township 41 South, Range 23 East, S1M

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, S1M

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, NE/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:

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, } ss
County of.....

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:

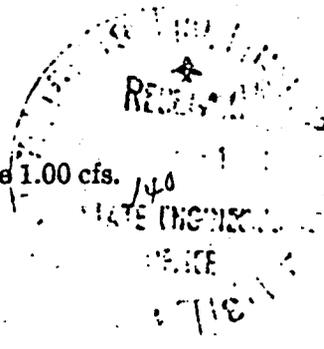
(SEAL)

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

1. *10:00 a.m.*
Feb. 27, 1961 Application received *by mail* in State Engineer's office by *.....*
over counter
2. Priority of Application brought down to, on account of.....
3. *Feb. 27, 1961* Application fee, \$ *5.50*, received by..... Rec. No. *022265*
4. *Mar. 10, 1961* Application *PHOTOSTATED* *copied in* book *711.32*, page *357*, and indexed by *J. T. ...*
5. *Mar. 10, 1961* Application plotted by *W. S. ...*
aac-(5)abd-(6)abd-(7)abd(1)abc(1)abc(1)cc(1)abd
6. *April 7, 1961* Application examined by *ME*
7. Application returned, or corrected by office.....
8. Corrected Application resubmitted *over counter* to State Engineer's office.
by mail
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 *Sau Juan Record, Monticello, Utah*
12. *June 27, 1961* Proof slips checked by *J. S. ...*
13. Application protested by.....
14. *July 25, 1961* *Subscriber paid 722-1016-22*
Hearing held by.....
15. Field examination by.....
16. *Sept 5, 1961* Application designated for *approval* *197-165*
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.
20. Time for making Proof of Appropriation extended to.....
21. Proof of Appropriation submitted.
22. Certificate of Appropriation, No., issued

Wayne D. Criddle
Wayne D. Criddle State Engineer.

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.

OPERATOR PHILLIPS PETROLEUM CO DATE 7-28-81

WELL NAME RATHERFORD UNIT # 20-13

SEC NW 20 T 41S R 24E COUNTY SAN JUAN

43-031-30917
API NUMBER

INDIAN
TYPE OF LEASE

POSTING CHECK OFF:

INDEX

MAP

HL

NID

PI

PROCESSING COMMENTS:

✓
1/28/83 ✓

CHIEF PETROLEUM ENGINEER REVIEW:

APPROVAL LETTER:

SPACING:

A-3

RATHERFORD
UNIT

c-3-a

CAUSE NO. & DATE

c-3-b

c-3-c

SPECIAL LANGUAGE:

WATER - OK

RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT 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 _____

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.

July 28, 1983

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

RE: Well No. Rutherford Unit #20-13
NWSW Sec. 20, T. 41S, R. 24E
2140' PSL, 500' FWL
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 43-037-30917.

Sincerely,

Norman C. Stout
Administrative Assistant

NCS/as
cc: Oil & Gas Operations
Bureau of Indian Affairs
BLM, New Mexico

Lease No. 14-20-603-353
 Communitization Agreement 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

MONTHLY REPORT
OF
OPERATIONS

The following is a correct report of operations and production (including status of all unplugged wells) for the month of October, 1983

(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
20-13	Sec 20 NW SW	41S	24E	DRG		INITIAL REPORT			
						MI Dry Hole Digger 10/18/83. Drld 18" conductor hole to 128' GL. Set 3 jts 13-3/8" R3 K-55 ST&C Csg at 128', cmtd w/150 sx Class B. Displd w/17.8 BW, leaving 2 bbl cmt in csg. Circ 4.8 bbls good cmt. Plug Down at 2:00 am, 10/20/83. RD Dry Hole Digger 10/20/83.			
						Present Operation as of November 1, 1983 - TD 128. 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)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. 14-20-E-353
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. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
20-13	Sec 20 NW SW	41S	24E	DRG					Present Operation as of December , 1983 - TD 5702. Waiting on Completion Unit. MI & RU Four Corners, Rig #5, 11/7/83. Drld rat & mouse hole. Spudded 12-1/4" surface hole at 5:00 pm, 11/7/83. Drld to 1600'. RU & ran 242 jts 9-5/8" 36# K-55 ST&C (1615.94'), set at 1600'. Cmtd w/300 sx Class B w/2% CaCl2, 1/4#/sx Celloflake. Bumped plug w/900 psi. Floats OK. Cmt did not circ. Ran 75' of 1" tbg & pmpd 100 sx Class B w/2% CaCl2. Cmt fell. Ran 50' 1" tbg and pmpd 20 sx Class B w/2% CaCl2. Cmt fell. Ran 25' 1" tbg & pump 20 sx Class B w/2% CaCl2. Good returns. WOC. Cmt fell slightly. Will fill annulus. Fin ND HydriL & 13-3/8" Bradenhead. NU BO's. Top up 13-3/8" & 9-5/8" annulus w/cmt. WIH. Cmt at 1533'. Tested csg to 1500 psi. Drld 67' cmt, shoe & 10' new hole. Drld to 5555'. COOH, PU core bbl and WIH. Cored 5555-5593', 38'. COOH, rec 12.2'. WIH w/core bbl. Cored 5593-5622', 29'. Cored 5622-5639', 17'. Cored 5639-5651', 12'. COOH & LD core. Cored 58", recovered 53'. WIH w/core bbl. Cored from 5651-5658'. COOH w/core bbl. Recovered 5' (1005). WIH w/bit. Drld to TD 5702, 11/21/83. RU Welox, Ran Guard Log w/GR from 5701-1600'. Ran FDC-CML from 5701-1600'. COOH. LD DP & DC. RU and ran 26 jts 7" 26# Buttress and 113 jts 23# ST&C csg, set at 5702'. Cmtd as follows: Pmpd 1000 gal mud followed by 400 sx Class B cmt w/20% Diacel D, 10% salt, 1/4#/sx Cellulose Flakes, 10#/sx Kolite-11.9 ppg. Tailed in w/300 sx Class B cmt, 1/4#/sx Cellulose Flakes, wt 15.8 ppg. Displd w/225 bbls wtr. Bump plug.

Released rig 11/23/83.. *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: P.O. Box 2920, Casper, WY 82602

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

OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. 14-20-3-353
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. & % of 4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
20-13	Sec 20 NW SW	41S	24E	DRG					<p>Present Operation as of January 1, 1984 - PBTB 5653. Waiting on Installation of Pmpg Unit.</p> <p>MI & RU Completion Unit 11/30/83. Test pack-off to 2400 psi, 10 min. NU 6" 3000 psi BOP. Test BOP to 400 psi & 3000 psi. Tested csg to 1500 psi, 15 min. PU 6-1/8" bit, 7" csg scraper & 182 jts 2-7/8" J-55 6.5 EUE 8Rd tbg. Tagged cmt at 5653. RU Gearhart. RU Lubricator and tested to 1500 psi. Ran CBL, VDL w/GR & CCL. Ran CBL under 1500 psi. Good bond. WIH w/4" hollow steel carrier gun and perforated 5616-5621', 5597-5591' and 5558-5582', 2 SPF, total 98 shots. No pressure reaction after perforating. RD Gearhart. WIH w/164 jts 2-7/8" tbg & tailpipe. Tailpipe at 5622'. Spotted 400 gal MSR-100 acid across perfs; 60 psi on annulus. Bled off press. RU Dowell. Tested lines to 4000 psi. Est pmpg rate 3 BPM at 3000 psi. Start acid at 6-1/2 BPM at 2300 psi, press decr to 2000 psi when acid hit perfs. Good ball action. Balled out w/77-1/2 bbls acid on perfs. Displd w/35 BW at 3100 psi, 7.5 BPM. ISIP 1500 psi, 5 min 1300 psi, 10 min 1200 psi, 15 min 1100 psi. Opened well on 13/64" CK w/750 psi. Well started flwg oil. Released WS unit 12/1/83. Turned well over to production 12/2/83. Flow tsd thru 12/19/83 avg 510 BOPD, 3 BWPB, Now WO Pmpg Unit Installation..</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/BTU Content	_____	_____	XXXXXXXXXXXXXXXXXXXX

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

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		2. NAME OF OPERATOR PHILLIPS PETROLEUM COMPANY		7. UNIT AGREEMENT NAME Rutherford Unit.	
3. ADDRESS OF OPERATOR 8055 E. TUFTS AVE. PKWY.		4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2140 SSL + 500 FWL		8. FARM OR LEASE NAME	
5. LEASE DESIGNATION AND SERIAL NO. API 43-037-30917		6. IF INDIAN, ALLOTTEE OR TRIBE NAME		9. WELL NO. 20-13	
10. FIELD AND POOL, OR WILDCAT GREATER ANATH		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NWSW SEC 20-T415-124E		12. COUNTY OR PARISH SAN JUAN	
13. STATE UTAH		14. PERMIT NO.		15. ELEVATIONS (Show whether OF, RT, GR, etc.) 5702' GL.	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	(Other) _____

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

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

Srt 7" Prod Csg @ 5702'
DRILLED BY FOUR CONERS DRIG CO.



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

SIGNED Bobby Cupp TITLE Staff Development Supv. DATE 12-19-83

(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 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: 2140 FSL & 500 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
14-20-603-353

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.
20-13

10. FIELD OR WILDCAT NAME
Greater Aneth

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec.20, T41S, R24E

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

14. API NO.
43-037-30917

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4799'

(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 November 7, 1983, with Four Corners Rig 5. Drilled 12-1/4" hole to 1600'. Ran 1600' 9-5/8" 36# K-55 casing. Cemented with 720 ft³ (300 sx) Class B w/20% Diacel D, tailed with 360 ft³ (300 sx) Class B. Cemented did not circulate. Cemented annulus with 186 ft³ (155 sx) Class B through 1" pipe. Cement at surface. Job completed November 10, 1983. Drilled 8-3/4" hole to 5702'. Ran 5702' 7" 23# and 26# K-55 casing. Cemented with 960 ft³ (300 sx) Class B w/20% Diacel D, tailed with 360 ft³ (300 sx) Class B w/18% salt. Pressure test casing to 1500 psi. Job completed 11-22-83. TOC above 2600.

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

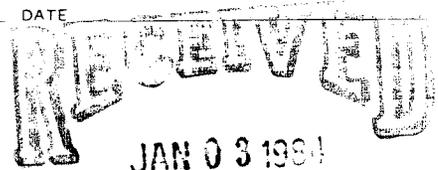
18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Drilling Manager DATE December 29, 1983

(This space for Federal or State office use)

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

*See Instructions on Reverse Side



DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

MONTHLY REPORT
OF
OPERATIONS

Lease No. 14-2(03-353)

Communitization Agreement No. NA
Field Name Greater Aneth
Unit Name Rafterford 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	
20-13	Sec. 20 NW SW	41S	24E	DRG						
							FINAL REPORT			
							TD 5702', FBTD 5653'			
							Ran pump & rods & started well pmpg 1/4/84.			
							Completed as a pmpg oil well from Desert Creek Zone I perms 558-5621', with a final test of 264 BOPD, 81 MCF/GPD, 2 BWPD, GOR 306.			

*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
*Produced
*Sold
*Spilled or Lost
*Flared or Vented
*Used on Lease
*Injected
*Surface Pits
*Other (Identify)
*On hand, End of Month
*API Gravity/BTU Content

XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	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

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 13 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 *[Signature]* TITLE Area Manager DATE 1/13/84

A. E. Stuart

(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**

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.6

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 2140' FSL & 500' FWL, NW SW
At top prod. interval reported below
At total depth

14. PERMIT NO. 43-037-30917 DATE ISSUED 7/28/83

5. LEASE-DESIGNATION AND SERIAL NO.
14-20-603-353

6. IF INDIAN, ALLOTTED OR TRIBE NAME
Navajo

7. UNIT AGREEMENT NAME
SW-1-4192

8. FARM OR LEASE NAME
Ratherford Unit

9. WELL NO.
20-13

10. FIELD AND POOL, OR WILDCAT OR AREA
Greater Aneth

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec 20-T41S-R24E

12. COUNTY OR PARISH San Juan 13. STATE Utah

15. DATE SPUDDED 11/7/83 16. DATE T.D. REACHED 11/21/83 17. DATE COMPL. (Ready to prod.) 12/2/83 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* GR 4800' RKB 4812' 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5702' 21. PLUG, BACK T.D., MD & TVD 5653' 22. IF MULTIPLE COMPLETIONS, HOW MANY? 23. INTERVALS DRILLED BY ROTARY TOOLS 0 5702' CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME(S) (MD AND TVD)*
5558' - 5621' Desert Creek Zone

26. TYPE ELECTRIC AND OTHER LOGS RUN
FDC-CNL CBL/VDL w/GR & CCL DIG DIVISION OF GAS & MINING 27. WAS WELL CORED Yes

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	AMOUNT AND KIND OF MATERIAL USED	AMOUNT PULLED
13-3/8"	54.5#	128'	18"	150 sx Class B	
9-5/8"	36#	1600'	12-1/4"	600 sx Class B	
7"	26# & 23#	5702'	8-3/4"	700 sx Class B Cmtd annulus thru 1" w/155	

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"	5622'	

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

INTERVAL (MD)	SIZE	AMOUNT AND KIND OF MATERIAL USED
5558-5582'	2 SPF w/4" hollow steel carrier gun	
5588-5591'	" " " " " "	
5597-5612'	" " " " " "	
5616-5621'	" " " " " "	
Total 98 shots		See Attachment

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
12/2/83	Pumping - 1-3/4"	Producing					
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1/9/84	24	--	→	264	81	2	306
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
--	--	→	264	81	2	40	

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

35. LIST OF ATTACHMENTS
Acid, Shot, Fracture, Cement Squeeze 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 1/11/84

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

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 35 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.), formations 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 33. 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 29: "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.)

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, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
	Cored 5555-5593', 38'	Rec. 12.2'	
	5593-5622', 29'		
	5622-5639', 17'		
	5639-5651', 12'	Cored 58' total	
	5651-5658', 7'	- Rec 5'	
	NO DST'S RUN.		

GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Shinarump	2360	
DeChelly	2645	
Hermosa	4641	
Paradox	5408	

38. WELL LOG

DATE	OPERATOR	WELL NO.	SECTION	DEPTH	LOG TYPE	REMARKS
12/28/58	Shinarump	43-187-30917	58'	58'	LOG TOPS	

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ATTACHMENT TO RATHERFORD UNIT #20-13
Well Completion Report - Form 9-330

Acid, Shot, Fracture, Cement Squeeze Record

5558 - 5621' Acidized w/7000 gal 28% MSR-100 containing
2 gal/1000 A-250 corrosion inhibitor & 4
gal/1000 W52.1 non-emulsifier. Spaced 141
ball sealers equally throughout. Good ball
action. Balled out w/77½ bbls acid on perfs.
Displd w/35 bbls wtr at 3100 psi.

RECEIVED

JAN 16 1981

DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Phillips Petroleum Company

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 2140 FSL & 500 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
14-20-603-353

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.
20-13

10. FIELD OR WILDCAT NAME
Greater Aneth

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 20-T41S-R24E

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

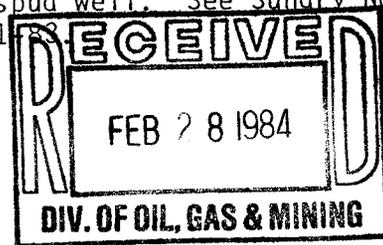
14. API NO.
43-037-30917

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4812 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 128 ft. Ran 128 ft., 13-3/8" 54.5# K-55 conductor casing. Set casing at 128 ft. Cemented with 180 ft.³ (150 sx) class 'B' cement circulated to surface. Finished job and moved out rat hole driller 10-20-83. Moved in drilling rig to spud well. See Sundry Notice dated 12-29-83. Reached TD of 5702 ft. 11-21-83. Plug back total depth is 5653 ft.



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

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

SIGNED Jackie Beer TITLE Drilling Manager DATE 2-2-84

(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 - T. M. Issacs
- 1 - Casper

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

other In-
structions on
reverse side)

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

AMENDED REPORT
Tbg Correction

5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-353

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. 20-13

10. FIELD AND POOL, OR WILDCAT Greater Aneth

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 20-T41S-R24E

12. COUNTY OR PARISH San Juan

13. STATE Utah

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. REVR. Other _____

2. NAME OF OPERATOR Phillips Petroleum Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with appropriate regulations)
At surface 2140' FSL & 500' FWL, NW SW
At top prod. interval reported below
At total depth

14. PERMIT NO. API #43-037-30917
DATE ISSUED DIVISION OF OIL GAS & MINING --

RECEIVED
OCT 23 1985

15. DATE SPUNDED 11/7/83
16. DATE T.D. REACHED 11/21/83
17. DATE COMPL. (Ready to prod.) 12/2/83
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* GR 4800', RKB 4812'
19. ELEV. CASINGHEAD --

20. TOTAL DEPTH, MD & TVD 5702'
21. PLUG, BACK T.D., MD & TVD 5653'
22. IF MULTIPLE COMPL., HOW MANY* --
23. INTERVALS DRILLED BY --
ROTARY TOOLS 0 - 5702'
CABLE TOOLS --

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5558' - 5621' Desert Creek Zone I
25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN FDC-CNL, CBL/VDL w/GR & CCL
27. WAS WELL CORED Yes

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#	128'	18"	150 sx Class B	--
9-5/8"	36#	1600'	12-1/4"	600 sx Class B, Cmt'd thru 1" w/155 sx Class B	--
7"	26# & 23#	5702'	8-3/4"	700 sx Class B	--

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
--	--	--	--	--	2-7/8"	5411'	--

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	5411'	--

31. PERFORATION RECORD (Interval, size and number)

5558-5582', 2 SPF w/4" HSC gun
5588-5591', 2 SPF w/4" HSC gun
5597-5612', 2 SPF w/4" HSC gun
5616-5621', 2 SPF w/4" HSC gun
Total - 98 shots

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)
12/2/83	Pumping 1-3/4"	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1/9/84	24	--	→	264	81	2	306

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
--	--	→	264	81	2	40

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

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

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED *D. C. Gill* 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, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP VERT. DEPTH
Cored	5555' 5593' 5622' 5639' 5651'	5593' 5622' 5639' 5651' 5658'	Total 38', Rec 12.2' 29' 17' 12', Cored 58' Total, Rec 53' Total 7', Rec 5'	Shinarump DeChelly Hermosa Paradox	LOG TOPS	2360' 2645' 4641' 5408'
NO DST'S RUN.						
<p><u>DISTRIBUTION:</u></p> <ul style="list-style-type: none"> 4 - BLM, Farmington, NM 2 - Utah O&G CO, 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 						

ATTACHMENT TO RATHERFORD UNIT #20-13
Well Completion Report - Form 9-330

Acid, Shot, Fracture, Cement Squeeze Record

5558 - 5621' Acidized w/7000 gal 28% MSR-100 containing
2 gal/1000 A-250 corrosion inhibitor & 4
gal/1000 W52.1 non-emulsifier. Spaced 141
ball sealers equally throughout. Good ball
action. Balled out w/77½ bbls acid on perfs.
Displd w/35 bbls wtr at 3100 psi.

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

RECEIVED

ACCOUNT NUMBER: N0772

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

AUG 16 1993

REPORT PERIOD (MONTH/YEAR):

6 / 93

DIVISION OF
OIL, GAS & MINING

AMENDED REPORT (Highlight Changes)

Well Name API Number	Entity	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

USNR
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

✓ 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
✓ 3-34	NA 4303715711	NA 14206034043	NA Sec. 9, T. 41S, R. 24E	NA SW/SE 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

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

7. UNIT AGREEMENT NAME

RATHERFORD UNIT

8. FARM OR LEASE NAME

9. WELL NO.

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

MOBIL OIL CORPORATION

3. ADDRESS OF OPERATOR

P. O. BOX 633 MIDLAND, TX 79702

SEP 15 1993

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

10. FIELD AND POOL, OR WILDCAT

GREATER ANETH

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

DIVISION OF OIL, GAS & MINING

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:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other) CHANGE OF OPERATOR

(Other)

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

APPROX. DATE WORK WILL START _____

DATE OF COMPLETION _____

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

* Must be accompanied by a cement verification report.

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

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

SIGNED

Shirley Dodd

TITLE

ENV. & REG TECHNICIAN

DATE

9-8-93

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side

MONTHLY OIL AND GAS DISPOSITION REPORT

OPERATOR NAME AND ADDRESS:

L.S. Sheffield
 BRIAN BERRY
~~M.E.P.N.A. MOBIL~~
 POB 219031 1807A RENTWR *F.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. jec*

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

RECEIVED

SEP 13 1993

DIVISION OF OIL, GAS & MINING

COMMENTS: *PLEASE NOTE ADDRESS change. Robin ~~also~~ 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. S. Sheffield

Telephone Number: 303-565-2212
244-658-2528

Sept 29, 1993

TO: Lisha Cordova - Utah Mining
Oil & Gas

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

Here is copy of Rutherford Unit
Successor Operator.

4 pages including this one.

Re: 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	
AD	1892
DATE	
BY	
REMARKS	3 2
FILED	
GPS	
ALL SUPV.	
FILED	

Dear Mr. Cox:

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

JUN 27 11:44

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

070 FARMINGTON, NM

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

and, pursuant to the terms of the Ratherford 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 Ratherford 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 Ratherford 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 Ratherford 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]
APPROVED BY

ACTING AREA DIRECTOR
TITLE

7/9/93
DATE

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

100.0000000

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File _____

(Location) Sec ___ Twp ___ Rng ___
(API No.) _____

Suspense
(Return Date) _____
(To - Initials) _____

Other
OPERATOR CHANGE

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

2. DOGM Employee (name) L. CORDOVA (Initiated Call
Talked to:
Name GLEN COX (Initiated Call - Phone No. (915) 688-2114
of (Company/Organization) MOBIL

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

4. Highlights of Conversation: _____
MR. COX CONFIRMED THAT THE WELLS SHOULD BE SET UNDER ACCOUNT N7370/MEPNA AS
PER BIA APPROVAL, ALSO CONFIRMED THAT PRODUCTION & DISPOSITION REPORTS WILL NOW
BE HANDLED OUT OF THEIR CORTEZ OFFICE RATHER THAN DALLAS.
MEPNA-
PO DRAWER G
CORTEZ, CO 81321
(303)565-2212
*ADDRESS CHANGE AFFECTS ALL WELLS CURRENTLY OPERATED BY MEPNA, CURRENTLY
REPORTED OUT OF DALLAS (MCELMO CREEK).

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1	VLC/17-93
2	DEPT 58-FILE
3	VLC ✓
4	RJB ✓
5	IB ✓
6	RL ✓

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>43037.30917</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

- See 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)
- See 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: _____.
- See 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.
- See 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)
- See 6. Cardex file has been updated for each well listed above. (O&G wells 10-6-93) (Wiw's 10-26-93)
- See 7. Well file labels have been updated for each well listed above. (O&G wells 10-6-93) (Wiw's 10-26-93)
- See 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)
- See 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 _____ 1993.

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/btm Approved 7-9-93.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

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: _____

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).

Mobil Oil Corporation

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

May 14, 1986

RECEIVED
MAY 16 1986

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

Attn: R. J. Firth
Associate Director

DIVISION OF
OIL, GAS & MINING

SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

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

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

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

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

Very truly yours,



R. D. Baker
Environmental Regulatory Manager

CNE/rd
CNE8661

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

1- LWC	7- PL
2- LWP	8- SJ
3- DE	9- FILE
4- VLC	
5- RJF	
6- LWP	

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

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

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

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

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

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

Name: <u>** SEE ATTACHED **</u>	API: <u>037 30917</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

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

ENTITY REVIEW

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

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

- N/A 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. *OTS 8/5/95*
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

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

FILING

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

COMMENTS

950803 LIC F5/Not necessary!

ExxonMobil Production Comp
U.S. West
P.O. Box 4358
Houston, Texas 77210-4358

June 27, 2001

ExxonMobil
Production

Mr. Jim Thompson
State of Utah, Division of Oil, Gas and Mining
1549 West North Temple
Suite 1210
Salt Lake City, UT 84114-5801

Change of Name – Mobil Oil Corporation to
ExxonMobil Oil Corporation

Dear Mr. Thompson

Effective June 1, 2001, Mobil Oil Corporation (MOC) changed its name to ExxonMobil Oil Corporation (EMOC). This was a name change only; EMOC is the same corporation as Mobil Oil Corporation, but with a new name. No facility or other asset was transferred from one corporation to another by virtue of the name change. Specifically, EMOC will remain the owner and operator of its existing exploration and production oil and gas properties and facilities, as well as relevant permits.

There is no change to the name of Exxon Mobil Corporation, the ultimate shareholder of EMOC.

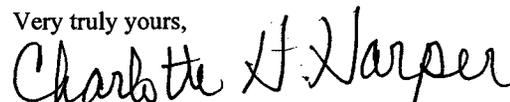
Please note the change of name of MOC to ExxonMobil Oil Corporation in your records pertaining to any MOC permits.

The Federal Identification Number for MOC (13-5401570) will remain the same for EMOC.

A copy of the Certification, Bond Rider and a list of wells are attached.

If you have any questions please feel free to call Joel Talavera at 713-431-1010

Very truly yours,



Charlotte H. Harper
Permitting Supervisor

ExxonMobil Production Company
a division of Exxon Mobil Corporation,
acting for ExxonMobil Oil Corporation

RECEIVED

JUL 29 2001

DIVISION OF
OIL, GAS AND MINING



United States Department of the Interior

BUREAU OF INDIAN AFFAIRS
~~XXXXXXXXXXXXXX~~
Navajo Area Office
NAVAJO REGION

P.O. Box 1060
Gallup, New Mexico 87305-1060

AUG 30 2001

IN REPLY REFER TO:

RRES/543

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Charlotte H. Harper, Permitting Supervisor
Exxon Mobil Production Company
U. S. West
P. O. Box 4358
Houston, TX 77210-4358

Dear Ms. Harper:

This is to acknowledge receipt of your company's name change from Mobil Oil Corporation to ExxonMobil Oil Corporation effective June 1, 2001. The receipt of documents includes the Name Change Certification, current listing of Officers and Directors, Listing of Leases, Financial Statement, filing fees of \$75.00 and a copy of the Rider for Bond Number 8027 31 97. There are no other changes.

Please note that we will provide copies of these documents to other concerned parties. If you need further assistance, you may contact Ms. Bertha Spencer, Realty Specialist, at (928) 871-5938.

Sincerely,

CEMI DENETSONE

Regional Realty Officer

cc: BLM, Farmington Field Office w/enclosures ✓
Navajo Nation Minerals Office, Attn: Mr. Akhtar Zaman, Director/w enclosures

MINERAL RESOURCES	
ADM 1	<i>DBM</i>
NATV AMMN COORD	_____
SOLID MIN TEAM	_____
PETRO MENT TEAM	<i>2</i>
O & G INSPECT TEAM	_____
ALL TEAM LEADERS	_____
LAND RESOURCES	_____
ENVIRONMENT	_____
FILES	_____

ExxonMobil Production Company
U.S. West
P.O. Box 4358
Houston, Texas 77210-4358

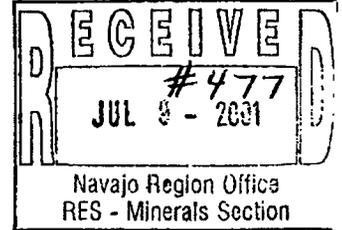
MS 7/12/2001
SN
543
File

June 27, 2001

ExxonMobil
Production

Certified Mail
Return Receipt Requested

Ms. Genni Denetsone
United States Department of the Interior
Bureau of Indian Affairs, Navajo Region
Real Estate Services
P. O. Box 1060
Gallup, New Mexico 87305-1060
Mail Code 543



Change of Name -
Mobil Oil Corporation to
ExxonMobil Oil Corporation

Dear Ms. Denetsone:

Effective June 1, 2001, Mobil Oil Corporation (MOC) changed its name to ExxonMobil Oil Corporation (EMOC). This was a name change only; EMOC is the same corporation as Mobil Oil Corporation, but with a new name. No facility or other asset was transferred from one corporation to another by virtue of the name change. Specifically, EMOC will remain the owner and operator of its existing exploration and production oil and gas properties and facilities, as well as relevant permits.

There is no change to the name of Exxon Mobil Corporation, the ultimate shareholder of EMOC.

Please note the change of name of MOC to ExxonMobil Oil Corporation in your records pertaining to any MOC permits.

The Federal Identification Number for MOC (13-5401570) will remain the same for EMOC.

Attached is the Name Change Certification, Current listing of Officers and Directors, Filing Fee of \$75/-, Listing of Leases, Financial Statement and a copy of the Rider for Bond number 8027 31 97. The original Bond Rider has been sent to Ms. Barbar Davis at your Washington Office.

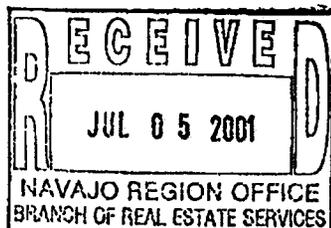
If you have any questions, please contact Alex Correa at (713) 431-1012.

Very truly yours,

Charlotte H. Harper

Charlotte H. Harper
Permitting Supervisor

Attachments



ExxonMobil Production Company
a division of Exxon Mobil Corporation,
acting for ExxonMobil Oil Corporation

NOTE: Check forwarded to Ella Isaac

Bureau of Indian Affairs
Navajo Region Office
Attn: RRES - Mineral and Mining Section
P.O. Box 1060
Gallup, New Mexico 87305-1060

Gentlemen:

The current listing of officers and director of ExxonMobil Oil Corporation (Name of Corporation), of New York (State) is as follows:

OFFICERS

President	<u>F.A. Risch</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Vice President	<u>K.T. Koonce</u>	Address <u>800 Bell Street Houston, TX 77002</u>
Secretary	<u>F.L. Reid</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Treasure	<u>B.A. Maher</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>

DIRECTORS

Name	<u>D.D. Humphreys</u>	Address	<u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Name	<u>P.A. Hanson</u>	Address	<u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Name	<u>T.P. Townsend</u>	Address	<u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Name	<u>B.A. Maher</u>	Address	<u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Name	<u>F.A. Risch</u>	Address	<u>5959 Las Colinas Blvd. Irving, TX 75039</u>

Sincerely,

Alex Correa

This is to certify that the above information pertaining to ExxonMobil Oil Corporation (Corporation) is true and correct as evidenced by the records and accounts covering business for the State of Utah and in the custody of Corporation Service Company (Agent), Phone: 1 (800) 927-9800, whose business address is One Utah Center, 201 South Main Street, Salt Lake City, Utah 84111-2218





 Signature
AGENT AND ATTORNEY IN FACT

 Title

CERTIFICATION

I, the undersigned Assistant Secretary of ExxonMobil Oil Corporation. (formerly Mobil Oil Corporation), a corporation organized and existing under the laws of the State of New York, United States of America, DO HEREBY CERTIFY, That, the following is a true and exact copy of the resolutions adopted by the Board of Directors on May 22, 2001:

CHANGE OF COMPANY NAME

WHEREAS, the undersigned Directors of the Corporation deem it to be in the best interest of the Corporation to amend the Certificate of Incorporation of the Corporation to change the name and principal office of the Corporation:

NOW THEREFORE BE IT RESOLVED, That Article 1st relating to the corporate name is hereby amended to read as follows:

"1st The corporate name of said Company shall be,

ExxonMobil Oil Corporation",

FURTHER RESOLVED, That the amendment of the Corporation's Certificate of Incorporation referred to in the preceding resolutions be submitted to the sole shareholder of the Corporation entitled to vote thereon for its approval and, if such shareholder gives its written consent, pursuant to Section 803 of the Business Corporation Law of the State of New York, approving such amendment, the proper officers of the Corporation be, and they hereby are, authorized to execute in the name of the Corporation the Certificate of Amendment of Certificate of Incorporation, in the form attached hereto;

FURTHER RESOLVED, That the proper officers of the Corporation be and they hereby are authorized and directed to deliver, file and record in its behalf, the Certificate of Amendment of Certificate of Incorporation, and to take such action as may be deemed necessary or advisable to confirm and make effective in all respects the change of this Company's name to EXXONMOBIL OIL CORPORATION.

WITNESS, my hand and the seal of the Corporation at Irving, Texas, this 8th day of June, 2001.

S. A. Milligan
Assistant Secretary

COUNTY OF DALLAS)
STATE OF TEXAS)
UNITED STATES OF AMERICA)

Sworn to and subscribed before me at Irving, Texas, U. S. A. on this the 8th day of June, 2001.

Janice M. Phillips
Notary Public



LISTING OF LEASES OF MOBIL OIL CORPORATION**Lease Number**

- 1) 14-20-0603-6504
- 2) 14-20-0603-6505
- 3) 14-20-0603-6506
- 4) 14-20-0603-6508
- 5) 14-20-0603-6509
- 6) 14-20-0603-6510
- 7) 14-20-0603-7171
- 8) 14-20-0603-7172A
- 9) 14-20-600-3530
- 10) 14-20-603-359
- 11) 14-20-603-368
- 12) 14-20-603-370
- 13) 14-20-603-370A
- 14) 14-20-603-372
- 15) 14-20-603-372A
- 16) 14-20-603-4495
- 17) 14-20-603-5447
- 18) 14-20-603-5448
- 19) 14-20-603-5449
- 20) 14-20-603-5450
- 21) 14-20-603-5451

6/1/01

CHUBB GROUP OF INSURANCE COMPANIES

One Chubb Plaza, Suite 1900, Houston, Texas 77027-3301
Telephone: (713) 297-4600 • Facsimile: (713) 297-4750

NW Bond

FEDERAL INSURANCE COMPANY RIDER
to be attached to and form a part of

BOND NO 8027 31 97

wherein

Mobil Oil Corporation and Mobil Exploration and Producing U.S., Inc. is
named as Principal and

FEDERAL INSURANCE COMPANY AS SURETY,

in favor of **United States of America, Department of the Interior**
Bureau of Indian Affairs

in the amount of **\$150,000.00**

bond date: 11/01/65

IT IS HEREBY UNDERSTOOD AND AGREED THAT effective June 1, 2001
the name of the Principal is changed

FROM: Mobil Oil Corporation and Mobil Exploration and Producing U.S., Inc.

TO : ExxonMobil Oil Corporation

All other terms and conditions of this Bond are unchanged.

Signed, sealed and dated this 12th of June, 2001.

ExxonMobil Oil Corporation

By :



FEDERAL INSURANCE COMPANY

By:



Mary Pierson, Attorney-in-fact



POWER OF ATTORNEY

Federal Insurance Company
Vigilant Insurance Company
Pacific Indemnity Company

Attn.: Surety Department
15 Mountain View Road
Warren, NJ 07059

Know All by These Presents, That FEDERAL INSURANCE COMPANY, an Indiana corporation, VIGILANT INSURANCE COMPANY, a New York corporation, and PACIFIC INDEMNITY COMPANY, a Wisconsin corporation, do each hereby constitute and appoint R.F. Bobo, Mary Pierson, Philana Berros, and Jody E. Specht of Houston, Texas-----

each as their true and lawful Attorney-in-Fact to execute under such designation in their names and to affix their corporate seals to and deliver for and on their behalf as surety thereon or otherwise, bonds and undertakings and other writings obligatory in the nature thereof (other than bail bonds) given or executed in the course of business, and any instruments amending or altering the same, and consents to the modification or alteration of any instrument referred to in said bonds or obligations.

In Witness Whereof, said FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY have each executed and attested these presents and affixed their corporate seals on this 10th day of May, 2001.

Kenneth C. Wendel
Kenneth C. Wendel, Assistant Secretary

Frank E. Robertson
Frank E. Robertson, Vice President

STATE OF NEW JERSEY } ss.
County of Somerset

On this 10th day of May, 2001, before me, a Notary Public of New Jersey, personally came Kenneth C. Wendel, to me known to be Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY, the companies which executed the foregoing Power of Attorney, and the said Kenneth C. Wendel being by me duly sworn, did depose and say that he is Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY and knows the corporate seals thereof, that the seals affixed to the foregoing Power of Attorney are such corporate seals and were thereto affixed by authority of the By-Laws of said Companies; and that he signed said Power of Attorney as Assistant Secretary of said Companies; and that he is acquainted with Frank E. Robertson, and knows him to be Vice President of said Companies; and that the signature of Frank E. Robertson, subscribed to said Power of Attorney is in the genuine handwriting of Frank E. Robertson, and was thereto subscribed by authority of said Companies in the presence of the deponent's presence.



Notary Public State of New Jersey
No. 2231647
Commission Expires Oct. 28, 2004

Karen Price
Notary Public

Extract from the By-Laws of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY:

"All powers of attorney for and on behalf of the Company may and shall be executed in the name and on behalf of the Company, either by the Chairman or the President or a Vice President or an Assistant Vice President, jointly with the Secretary or an Assistant Secretary, under their respective designations. The signature of such officers may be engraved, printed or lithographed. The signature of each of the following officers: Chairman, President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary and the seal of the Company may be affixed by facsimile to any power of attorney or to any certificate relating thereto appointing Assistant Secretaries or Attorneys-In-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such power of attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached."

I, Kenneth C. Wendel, Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY (the "Companies") do hereby certify that

- (i) the foregoing extract of the By-Laws of the Companies is true and correct,
- (ii) the Companies are duly licensed and authorized to transact surety business in all 50 of the United States of America and the District of Columbia and are authorized by the U. S. Treasury Department; further, Federal and Vigilant are licensed in Puerto Rico and the U. S. Virgin Islands, and Federal is licensed in American Samoa, Guam, and each of the Provinces of Canada except Prince Edward Island; and
- (iii) the foregoing Power of Attorney is true, correct and in full force and effect.

Given under my hand and seals of said Companies at Warren, NJ this 12th day of June, 2001



Kenneth C. Wendel
Kenneth C. Wendel, Assistant Secretary

IN THE EVENT YOU WISH TO NOTIFY US OF A CLAIM, VERIFY THE AUTHENTICITY OF THIS BOND OR NOTIFY US OF ANY OTHER MATTER, PLEASE CONTACT US AT ADDRESS LISTED ABOVE, OR BY Telephone (908) 903-3485 Fax (908) 903-3656 e-mail: surety@chubb.com

CSC

5184334741

06/01 '01 08:46 NO.410 03/05

CSC

06/01 '01 09:06 NO.135 02/04

F010601000187

CERTIFICATE OF AMENDMENT

OF

CERTIFICATE OF INCORPORATION

OF

MOBIL OIL CORPORATION

CSC 45

(Under Section 805 of the Business Corporation Law)

Pursuant to the provisions of Section 805 of the Business Corporation Law, the undersigned President and Secretary, respectively, of Mobil Oil Corporation hereby certify:

FIRST: That the name of the corporation is **MOBIL OIL CORPORATION** and that said corporation was incorporated under the name of Standard Oil Company of New York.

SECOND: That the Certificate of Incorporation of the corporation was filed by the Department of State, Albany, New York, on the 10th day of August, 1882.

THIRD: That the amendments to the Certificate of Incorporation effected by this Certificate are as follows:

(a) Article 1st of the Certificate of Incorporation, relating to the corporate name, is hereby amended to read as follows:

"1st The corporate name of said Company shall be, **ExxonMobil Oil Corporation**,"

(b) Article 7th of the Certificate of Incorporation, relating to the office of the corporation is hereby amended to read as follows:

The office of the corporation within the State of New York is to be located in the County of Albany. The Company shall have offices at such other places as the Board of Directors may from time to time determine.

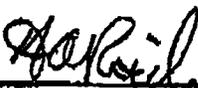
CSC
CSC

5184334741

06/01 '01 08:47 NO.410 04/05
06/01 '01 07:06 NO.133 03/04

FOURTH: That the amendments to the Certificate of Incorporation were authorized by the Board of Directors followed by the holder of all outstanding shares entitled to vote on amendments to the Certificate of Incorporation by written consent of the sole shareholder dated May 22, 2001.

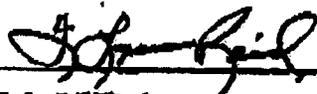
IN WITNESS WHEREOF, this Certificate has been signed this 22nd Day of May, 2001.



F. A. Risch, President 

STATE OF TEXAS)
COUNTY OF DALLAS)

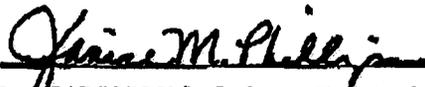
F. L. REID, being duly sworn, deposes and says that he is the Secretary of MOBIL OIL CORPORATION, the corporation mentioned and described in the foregoing instrument; that he has read and signed the same and that the statements contained therein are true.



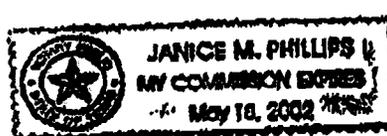
F. L. REID, Secretary

SUBSCRIBED AND SWORN TO before me, the undersigned authority, on this the 22nd day of May, 2001.

[SEAL]



NOTARY PUBLIC, STATE OF TEXAS



CSC
CSC

5184334741

06/01 '01 09:01 NO.411 02/02
06/01 '01 09:08 NO.132 04/04
F010601000187

CSC 45

CERTIFICATE OF AMENDMENT

OF

MOBIL OIL CORPORATION

Under Section 805 of the Business Corporation Law

SAC

100 cc
STATE OF NEW YORK
DEPARTMENT OF STATE

Filed by: EXXONMOBIL CORPORATION
(Name)

FILED JUN 01 2001

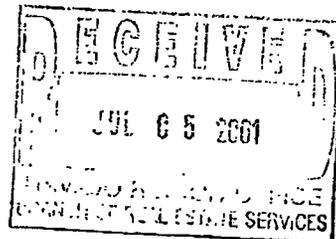
6949 Las Colinas Blvd.
(Mailing address)

TAX \$ _____
BY: *SAC*

Irving, TX 75039-2298
(City, State and Zip code)

ny Albany

Cost Ref # 165578 MPJ



010601000195

State of New York }
Department of State } ss:

I hereby certify that the annexed copy has been compared with the original document in the custody of the Secretary of State and that the same is a true copy of said original.

Witness my hand and seal of the Department of State on **JUN 01 2001**



A handwritten signature in black ink, appearing to read "J. H. ...", written over a horizontal line.

Special Deputy Secretary of State

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW ✓
3. FILE

Change of Operator (Well Sold)

Designation of Agent

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **06-01-2001**

FROM: (Old Operator):	TO: (New Operator):
MOBIL EXPLORATION & PRODUCTION	EXXONMOBIL OIL CORPORATION
Address: P O BOX DRAWER "G"	Address: U S WEST P O BOX 4358
CORTEZ, CO 81321	HOUSTON, TX 77210-4358
Phone: 1-(970)-564-5212	Phone: 1-(713)-431-1010
Account No. N7370	Account No. N1855

CA No. Unit: RATHERFORD

WELL(S)	SEC TWN	API NO	ENTITY	LEASE	WELL	WELL
NAME	RNG		NO	TYPE	TYPE	STATUS
RATHERFORD UNIT 19-13	19-41S-24E	43-037-31719	6280	INDIAN	OW	P
RATHERFORD UNIT 19-24 (MULTI-LEG)	19-41S-24E	43-037-31754	6280	INDIAN	OW	P
RATHERFORD UNIT 20-44	20-41S-24E	43-037-30915	6280	INDIAN	OW	P
20-13	20-41S-24E	43-037-30917	6280	INDIAN	OW	P
20-24	20-41S-24E	43-037-30918	6280	INDIAN	OW	P
20-22	20-41S-24E	43-037-30930	6280	INDIAN	OW	P
RATHERFORD UNIT 20-33	20-41S-24E	43-037-30931	6280	INDIAN	OW	S
RATHERFORD UNIT 20-11	20-41S-24E	43-037-31049	6280	INDIAN	OW	S
RATHERFORD UNIT 20-31	20-41S-24E	43-037-31050	6280	INDIAN	OW	P
RATHERFORD UNIT 20-42	20-41S-24E	43-037-31051	6280	INDIAN	OW	P
RATHERFORD 20-68	20-41S-24E	43-037-31591	6280	INDIAN	OW	P
RATHERFORD 20-66	20-41S-24E	43-037-31592	6280	INDIAN	OW	P
21-23	21-41S-24E	43-037-13754	6280	INDIAN	OW	S
21-32	21-41S-24E	43-037-15755	6280	INDIAN	OW	S
21-34	21-41S-24E	43-037-15756	6280	INDIAN	OW	S
RATHERFORD UNIT 21-11	21-41S-24E	43-037-31052	6280	INDIAN	OW	S
RATHERFORD UNIT 21-24	21-41S-24E	43-037-31720	6280	INDIAN	OW	P
RATHERFORD UNIT 21-77	21-41S-24E	43-037-31758	6280	INDIAN	OW	S
RATHERFORD UNIT 28-11	28-41S-24E	43-037-30446	6280	INDIAN	OW	P
29-34	29-41S-24E	43-037-15340	6280	INDIAN	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/29/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/29/2001
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 04/09/2002
4. Is the new operator registered in the State of Utah: YES Business Number: 579865-0143
5. If **NO**, the operator was contacted on: N/A

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BIA-06/01/01

7. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 06/01/2001

8. **Federal and Indian Communitization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

9. **Underground Injection Control ("UIC")**

The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 04/15/2002

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 04/15/2002

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: N/A

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: N/A

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 80273197

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number N/A

2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING	
1. DJJ	
2. CDW	

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: <u>6/1/2006</u>	
FROM: (Old Operator): N1855-ExxonMobil Oil Corporation PO Box 4358 Houston, TX 77210-4358 Phone: 1 (281) 654-1936	TO: (New Operator): N2700-Resolute Natural Resources Company 1675 Broadway, Suite 1950 Denver, CO 80202 Phone: 1 (303) 534-4600
CA No.	Unit: RATHERFORD

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/21/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/24/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/7/2006
- Is the new operator registered in the State of Utah: YES Business Number: 5733505-0143
- If **NO**, the operator was contacted on:
- (R649-9-2) Waste Management Plan has been received on: requested
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM n/a BIA not yet
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: not yet
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/12/2006

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 6/22/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/22/2006
- Bond information entered in RBDMS on: n/a
- Fee/State wells attached to bond in RBDMS on: n/a
- Injection Projects to new operator in RBDMS on: 6/22/2006
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: n/a
- Indian well(s) covered by Bond Number: PA002769
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number n/a
- The **FORMER** operator has requested a release of liability from their bond on: n/a
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Unit Agreement</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: <u>See attached list</u>
2. NAME OF OPERATOR: <u>Resolute Natural Resources Company</u> <u>N2700</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <u>Navajo Tribe</u>
3. ADDRESS OF OPERATOR: <u>1675 Broadway, Suite 1950</u> CITY <u>Denver</u> STATE <u>CO</u> ZIP <u>80202</u>		7. UNIT or CA AGREEMENT NAME: <u>Ratherford Unit</u>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <u>See attached list</u>		8. WELL NAME and NUMBER: <u>See attached list</u>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____		9. API NUMBER: <u>Attached</u>
COUNTY: <u>San Juan</u>		10. FIELD AND POOL, OR WILDCAT: <u>Greater Aneth</u>
STATE: <u>UTAH</u>		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

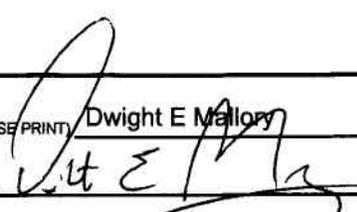
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective June 1, 2006 Exxon Mobil Oil Corporation resigns as operator of the Ratherford Unit. Also effective June 1, 2006 Resolute Natural Resources Company is designated as successor operator of the Ratherford Unit.

A list of affected producing and water source wells is attached. A separate of affected injection wells is being submitted with UIC Form 5, Transfer of Authority to Inject.

As of the effective date, bond coverage for the affected wells will transfer to BIA Bond # PA002769.

NAME (PLEASE PRINT) <u>Dwight E Mallory</u>	TITLE <u>Regulatory Coordinator</u>
SIGNATURE 	DATE <u>4/20/2006</u>

(This space for State use only)

APPROVED 6127106
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

RECEIVED
APR 24 2006
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: ExxonMobil Oil Corporation N1855		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ship Rock
3. ADDRESS OF OPERATOR: P.O. Box 4358 CITY Houston STATE TX ZIP 77210-4358		7. UNIT or CA AGREEMENT NAME: UTU68931A
4. LOCATION OF WELL FOOTAGES AT SURFACE: QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		8. WELL NAME and NUMBER: Ratherford 9. API NUMBER: attached
		10. FIELD AND POOL, OR WILDCAT: Aneth
		COUNTY: San Juan
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>6/1/2006</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

ExxonMobil Oil Corporation is transferring operatorship of Greater Aneth field, Ratherford lease to Resolute Natural Resources Company. All change of operator notices should be made effective as of 7:00 AM MST on June 1, 2006.

Attached please find a listing of producers and water source wells included in the transfer.

NAME (PLEASE PRINT) <u>Laurie Kilbride</u>	TITLE <u>Permitting Supervisor</u>
SIGNATURE	DATE <u>4/19/2006</u>

(This space for State use only) **APPROVED** 6/13/06
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

RECEIVED
APR 21 2006

DIV. OF OIL, GAS & MINING

Ratherford Unit - Producer Well List

minus P&A's

Lease	Number	API #	Status	Lease #	Location					
					Sec	T	R	QTR/QTR	NSFoot	EWFoot
Ratherford	01-14	430373116200S1	Producing	1420603246A	1	41S	23E	SWSW	0660FSL	0660FWL
Ratherford	01-34	430371638501S1	SI	1420603246A	1	41S	23E	SWSE	1133FSL	1980FEL
Ratherford	11-41	430373154400S1	Producing	1420603246A	11	41S	23E	NENE	0860FNL	0350FEL
Ratherford	11-43	430373162201S1	Producing	1420603246A	11	41S	23E	NESE	1980FSL	0660FEL
Ratherford	12-12	430373119000S1	Producing	1420603246A	12	41S	23E	SWNW	1850FNL	0660FWL
Ratherford	12-14	430371584400S1	SI	1420603246A	12	41S	23E	SWSW	0660FSL	4622FEL
Ratherford	12-21	430373120100S1	Producing	1420603246A	12	41S	23E	NENW	0660FNL	1980FWL
Ratherford	12-23	430371584601S1	Producing	1420603246A	12	41S	23E	NESW	1958FSL	3300FEL
Ratherford	12-32	430373120300S1	Producing	1420603246A	12	41S	23E	SWNE	1820FNL	1820FEL
Ratherford	12-34	430373112600S1	Producing	1420603246A	12	41S	23E	SWSE	0675FSL	1905FEL
Ratherford	12-43	430373120200S1	SI	1420603246A	12	41S	23E	NESE	2100FSL	0660FEL
Ratherford	13-12	430373112701S1	Producing	1420603247A	13	41S	23E	SWNW	1705FNL	0640FWL
Ratherford	13-14	430373158900S1	Producing	1420603247A	13	41S	23E	SWSW	0660FSL	0660FWL
Ratherford	13-21	430373112801S1	SI	1420603247A	13	41S	23E	NENW	0660FNL	1920FWL
Ratherford	13-23	430373112900S1	Producing	1420603247A	13	41S	23E	NESW	1980FSL	1930FWL
Ratherford	13-34	430373113001S1	Producing	1420603247A	13	41S	23E	SWSE	0660FSL	1980FEL
Ratherford	13-41	430371585601S1	Producing	1420603247A	13	41S	23E	NENE	660FNL	660FEL
Ratherford	13-43	430373113100S1	Producing	1420603247A	13	41S	23E	NESE	1700FSL	0960FEL
Ratherford	14-32	430371585801S1	Producing	1420603247A	14	41S	23E	SWNE	2130FNL	1830FEL
Ratherford	14-41	430373162300S1	Producing	1420603247A	14	41S	23E	NENE	0521FNL	0810FEL
Ratherford	24-32	430373159300S1	Producing	1420603247A	24	41S	23E	SWNE	2121FNL	1846FEL
Ratherford	24-41	430373113200S1	Producing	1420603247A	24	41S	23E	NENE	0660FNL	0710FEL
Ratherford	17-11	430373116900S1	Producing	1420603353	17	41S	24E	NWNW	1075FNL	0800FWL
Ratherford	17-13	430373113301S1	Producing	1420603353	17	41S	24E	NWSW	2100FSL	0660FWL
Ratherford	17-22	430373117001S1	Producing	1420603353	17	41S	24E	SENE	1882FNL	1910FWL
Ratherford	17-24	430373104400S1	Producing	1420603353	17	41S	24E	SESW	0720FSL	1980FWL
Ratherford	17-31	430373117800S1	Producing	1420603353	17	41S	24E	NWNE	0500FNL	1980FEL
Ratherford	17-33	430373113400S1	Producing	1420603353	17	41S	24E	NWSE	1980FSL	1845FEL
Ratherford	17-42	430373117700S1	Producing	1420603353	17	41S	24E	SENE	1980FNL	0660FEL
Ratherford	17-44	430371573201S1	Producing	1420603353	17	41S	24E	SESE	0660FSL	0660FEL
Ratherford	18-11	430371573300S1	SI	1420603353	18	41S	24E	NWNW	0720FNL	0730FWL
Ratherford	18-13	430371573401S1	Producing	1420603353	18	41S	24E	NWSW	1980FSL	0500FWL
Ratherford	18-22	430373123600S1	Producing	1420603353	18	41S	24E	SENE	2200FNL	2210FWL
Ratherford	18-24	430373107900S1	Producing	1420603353	18	41S	24E	SESW	0760FSL	1980FWL
Ratherford	18-31	430373118101S1	Producing	1420603353	18	41S	24E	NWNE	0795FNL	2090FEL
Ratherford	18-33	430373113501S1	Producing	1420603353	18	41S	24E	NWSE	1870FSL	1980FEL
Ratherford	18-42	430373118200S1	Producing	1420603353	18	41S	24E	SENE	2120FNL	0745FEL
Ratherford	18-44	430373104500S1	SI	1420603353	18	41S	24E	SESE	0660FSL	0660FEL
Ratherford	19-11	430373108000S1	Producing	1420603353	19	41S	24E	NWNW	0660FNL	0660FWL
Ratherford	19-13	430373171900S1	Producing	1420603353	19	41S	24E	NWSW	1980FSL	0660FWL
Ratherford	19-22	430373104601S1	Producing	1420603353	19	41S	24E	SENE	1840FNL	1980FWL
Ratherford	19-24	430373175401S1	Producing	1420603353	19	41S	24E	SESW	0600FSL	1980FWL
Ratherford	19-31	430373104701S1	Producing	1420603353	19	41S	24E	NWNE	510FNL	1980FEL
Ratherford	19-33	430373104800S1	Producing	1420603353	19	41S	24E	NWSE	1980FSL	1980FEL
Ratherford	19-42	430373091600S1	Producing	1420603353	19	41S	24E	SENE	1880FNL	0660FEL
Ratherford	19-44	430373108100S1	Producing	1420603353	19	41S	24E	SESE	0660FSL	0660FEL
Ratherford	19-97	430373159600S1	Producing	1420603353	19	41S	24E	SENE	2562FNL	0030FEL
Ratherford	20-11	430373104900S1	Producing	1420603353	20	41S	24E	NWNW	0500FNL	0660FWL
Ratherford	20-13	430373091700S1	Producing	1420603353	20	41S	24E	NWSW	2140FSL	0500FWL
Ratherford	20-22	430373093000S1	Producing	1420603353	20	41S	24E	SENE	2020FNL	2090FWL
Ratherford	20-24	430373091800S1	Producing	1420603353	20	41S	24E	SESW	0820FSL	1820FWL

Ratherford Unit - Producer Well List

minus P&A's

Lease	Number	API #	Status	Lease #	Location					
					Sec	T	R	QTR/QTR	NSFoot	EWFoot
Ratherford	20-31	430373105001S1	Producing	1420603353	20	41S	24E	NWNE	0660FNL	1880FEL
Ratherford	20-33	430373093100S1	Producing	1420603353	20	41S	24E	NWSE	1910FSL	2140FEL
Ratherford	20-42	430373105100S1	Producing	1420603353	20	41S	24E	SENE	1980FNL	0660FEL
Ratherford	20-44	430373091501S1	Producing	1420603353	20	41S	24E	SESE	0620FSL	0760FEL
Ratherford	20-66	430373159201S1	Producing	1420603353	20	41S	24E	SWNW	1369FNL	1221FWL
Ratherford	20-68	430373159100S1	Producing	1420603353	20	41S	24E	NWSW	1615FSL	1276FWL
Ratherford	15-12	430371571501S1	Producing	1420603355	15	41S	24E	SWNW	1820FNL	0500FWL
Ratherford	15-22	430373044900S1	SI	1420603355	15	41S	24E	SENE	1980FNL	2050FWL
Ratherford	15-32	430371571700S1	Producing	1420603355	15	41S	24E	SWNE	1980FNL	1980FEL
Ratherford	15-33	430371571800S1	Producing	1420603355	15	41S	24E	NWSE	1650FSL	1980FEL
Ratherford	15-41	430371571900S1	TA	1420603355	15	41S	24E	NENE	0660FNL	0660FEL
Ratherford	15-42	430373044800S1	Producing	1420603355	15	41S	24E	SENE	2020FNL	0820FEL
Ratherford	16-13	430373116801S1	Producing	1420603355	16	41S	24E	NWSW	1980FSL	660FWL
Ratherford	16-32	430371572300S1	Producing	1420603355	16	41S	24E	SWNE	1980FNL	1980FEL
Ratherford	16-41	430371572500S1	Producing	1420603355	16	41S	24E	NENE	0660FNL	0660FEL
Ratherford	16-77	430373176800S1	Producing	1420603355	16	41S	24E	NESW	2587FSL	2410FWL
Ratherford	21-23	430371375400S1	Producing	1420603355	21	41S	24E	NESW	1740FSL	1740FWL
Ratherford	21-24	430373172001S1	SI	1420603355	21	41S	24E	SESW	487FSL	2064FWL
Ratherford	21-32	430371575500S1	SI	1420603355	21	41S	24E	SWNE	1880FNL	1980FEL
Ratherford	21-77	430373175801S1	SI	1420603355	21	41S	24E	NWSE	2511FSL	2446FEL
Ratherford	07-11	430373116300S1	Producing	1420603368	7	41S	24E	NWNW	0660FNL	0710FWL
Ratherford	07-13	430373116400S1	Producing	1420603368	7	41S	24E	NWSW	2110FSL	0740FWL
Ratherford	07-22	430373116500S1	Producing	1420603368	7	41S	24E	SENE	1980FNL	1980FWL
Ratherford	07-24	430373116600S1	Producing	1420603368	7	41S	24E	SESW	0880FSL	2414FWL
Ratherford	07-44	430373118900S1	SI	1420603368	7	41S	24E	SESE	0737FSL	0555FEL
Ratherford	08-12	430371599100S1	Producing	1420603368	8	41S	24E	SWNW	1909FNL	0520FWL
Ratherford	08-21	430371599300S1	Producing	1420603368	8	41S	24E	NENW	0616FNL	1911FWL
Ratherford	08-23	430371599400S1	Producing	1420603368	8	41S	24E	NESW	1920FSL	2055FWL
Ratherford	08-32	430371599500S1	Producing	1420603368	8	41S	24E	SWNE	1980FNL	1980FEL
Ratherford	08-34	430371599600S1	Producing	1420603368	8	41S	24E	SWSE	0660FSL	1980FEL
Ratherford	04-34	430371616400S1	Producing	14206034035	4	41S	24E	SWSE	0660FSL	1980FEL
Ratherford	11-14	430371616700S1	Producing	14206034037	11	41S	24E	SWSW	0660FSL	0660FWL
Ratherford	09-34	430371571100S1	SI	14206034043	9	41S	24E	SWSE	0660FSL	1980FEL
Ratherford	10-12	430371571200S1	Producing	14206034043	10	41S	24E	SWNW	1980FNL	0660FWL
Ratherford	10-14	430371571300S1	Producing	14206034043	10	41S	24E	SWSW	0510FSL	0710FWL
Ratherford	10-32	430371571400S1	TA	14206034043	10	41S	24E	SWNE	2080FNL	1910FEL
Ratherford	10-44	430373045100S1	TA	14206034043	10	41S	24E	SESE	0820FSL	0510FEL
Ratherford	29-11	430373105300S1	Producing	1420603407	29	41S	24E	NWNW	0770FNL	0585FWL
Ratherford	29-22	430373108200S1	Producing	1420603407	29	41S	24E	SENE	2130FNL	1370FWL
Ratherford	29-31	430373091401S1	Producing	1420603407	29	41S	24E	NWNE	0700FNL	2140FEL
Ratherford	29-33	430373093200S1	SI	1420603407	29	41S	24E	NWSE	1860FSL	1820FEL
Ratherford	29-34	430371534000S1	SI	1420603407	29	41S	24E	SWSE	0817FSL	2096FEL
Ratherford	29-42	430373093700S1	SI	1420603407	29	41S	24E	SENE	1850FNL	0660FEL
Ratherford	30-32	430371534200S1	Producing	1420603407	30	41S	24E	SWNE	1975FNL	2010FEL
Ratherford	28-11	430373044600S1	Producing	1420603409	28	41S	24E	NWNW	0520FNL	0620FWL

Ratherford Unit - Producer Well List

minus P&A's

Lease	Number	API #	Status	Lease #	Location					
					Sec	T	R	QTR/QTR	NSFoot	EWFoot
Ratherford	09-12	430371512600S1	Producing	14206035045	9	41S	24E	SWNW	1865FNL	0780FWL
Ratherford	09-14	430371512700S1	Producing	14206035046	9	41S	24E	SWSW	0695FSL	0695FWL
Ratherford	04-14	430371616300S1	Producing	14206035446	4	41S	24E	SWSW	0500FSL	0660FWL
Ratherford	03-12	430371562000S1	Producing	14206036506	3	41S	24E	SWNW	2140FNL	0660FWL

Water Source Wells (Feb 2006)

RU	S1	4303700001	Active
RU	S2	4303700002	Active
RU	S3	4303700003	Active
RU	S4	4303700004	Active
RU	S5	4303700005	Active
RU	S6	4303700006	Active
RU	S7	4303700007	Active
RU	S8	4303700008	Active
RU	S9	4303700009	Active
RU	S10	4303700010	Active
RU	S11	4303700011	Active
RU	S12	4303700012	Active
RU	S13	4303700013	Active
RU	S14	4303700014	Active
RU	S16	4303700016	Active
RU	S17	4303700017	Active