

- Scout Report sent out
- Noted in the NID File
- Location map pinned
- Approval or Disapproval Letter
- Date Completed P. & A, or operations suspended: 1-29-59
- Pin changed on location map
- Affidavit and Record of A & P
- Water Shut-Off Test
- Gas-Oil Ratio Test
- Well Log Filed

*As of 8-12-63 this well was converted to a water injection well.*

FILE NOTATIONS

- |                           |          |                          |          |
|---------------------------|----------|--------------------------|----------|
| Entered in NID File       | <u>✓</u> | Checked by Chief         | _____    |
| Entered On S R Sheet      | <u>✓</u> | Copy NID to Field Office | _____    |
| Location Map Pinned       | <u>✓</u> | Approval Letter          | <u>✓</u> |
| Card Indexed              | <u>✓</u> | Disapproval Letter       | _____    |
| IWR for State or Fee Land | _____    |                          |          |

COMPLETION DATA:

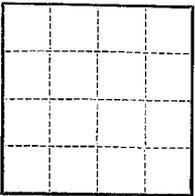
- |                     |                |                    |       |
|---------------------|----------------|--------------------|-------|
| Date Well Completed | <u>1-29-59</u> | Location Inspected | _____ |
| OW <u>✓</u>         | WW _____       | TA _____           |       |
| Bond released       |                | State of Fee Land  | _____ |
| GW _____            | OS _____       | PA _____           |       |

LOGS FILED

- Driller's Log ✓ 3-2-59
- Electric Logs (No. ) 3
- E \_\_\_\_\_ I \_\_\_\_\_ E-1 ✓ GR \_\_\_\_\_ GR-N \_\_\_\_\_ Micro ✓
- Lat \_\_\_\_\_ Mi-L \_\_\_\_\_ Sonic \_\_\_\_\_ Others Radiation

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee tribal  
Lease No. 14-20-60-355

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

Navajo \_\_\_\_\_ Cortez, Colorado December 12, 1958

Well No. 11 is located 660 ft. from N line and 1820 ft. from W line of sec. 15  
NE 1/4 Sec. 15 41S 24E S.L.M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
White Mesa San Juan County Utah  
(Field) (County or Subdivision) (State or Territory)  
ungraded ground

The elevation of the ~~derrick floor~~ 4675 above sea level is \_\_\_\_\_ ft.

DETAILS OF WORK

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

Drill 17-1/2" hole to approximately 160', set 160' of 13 3/8" conductor pipe and cement to surface. Drill 11" hole to approximately 1600', set 8 5/8" casing and cement to surface. Drill 7 7/8" hole to total depth of approximately 500' and run 5 1/2" casing and cement w/approximately 250 sx cement. Complete in Paradox Formation.

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

Company Phillips Petroleum Company

Address Box 548  
Cortez, Colorado

By C. M. Boles  
Title District Superintendent

December 15, 1958

Phillips Petroleum Company  
P. O. Box 548  
Cortez, Colorado

Attention: C. M. Boles, District Superintendent

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo A-11, which is to be located 650 feet from the north line and 1820 feet from the west line of Section 15, Township 41 South, Range 24 East, S1EM, San Juan County, Utah.

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

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

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT  
EXECUTIVE SECRETARY

CBF:co

cc: Phil McGrath  
USGS, Farmington,  
New Mexico

16

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U. S. LAND OFFICE Navajo  
SERIAL NUMBER 14-20-603-355  
LEASE OR PERMIT TO PROSPECT Tribal

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

*W/H*  
3/10

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Phillips Petroleum Company Address P. O. Box 548, Cortez, Colorado  
Lessor or Tract Navajo "A" Field White Mesa State Utah  
Well No. 11 Sec. 15 T. 41S R. 24E Meridian 1M County San Juan  
Location 660 ft. DN of 1/4 Line and 1020 ft. E of W Line of Sec. 15 Elevation 4687  
(Derriek floor relative to sea level)

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

Date February 25, 1959 Signed *C. M. Kelley* Title District Superintendent

The summary on this page is for the condition of the well at above date.  
Commenced drilling January 2, 1959, 19... Finished drilling January 22, 1959.

OIL OR GAS SANDS OR ZONES  
(Denote gas by G)

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

Water shows in all sands from surface to 1459', salt water 2360 to 2410, 2610 to 2785.  
Scattered water shows from 3250 to 3380' No. 4, from \_\_\_\_\_ to \_\_\_\_\_

CASING RECORD

| Size casing | Weight per foot | Threads per inch | Make | Amount | Kind of shoe | Cut and pulled from | Perforated |      | Purpose  |
|-------------|-----------------|------------------|------|--------|--------------|---------------------|------------|------|----------|
|             |                 |                  |      |        |              |                     | From-      | To-  |          |
| 13-3/8      | 27.1            | 5WSJ             | Armo | 162    | Baker        |                     | 5523       | 5528 | Oil Prod |
| 8-5/8       | 24              | 8 rd             | J-55 | 1474   | Baker        |                     | 5534       | 5537 | " "      |
| 5-1/2       | 14              | 8 rd             | J-55 | 5764   |              |                     | 5597       | 5578 | " "      |
|             |                 |                  |      |        |              |                     | 5595       | 5602 | " "      |
|             |                 |                  |      |        |              |                     | 5612       | 5617 | " "      |
|             |                 |                  |      |        |              |                     | 5624       | 5627 | " "      |

MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used                              | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|--|-------------|--------------------|
| 13-3/8      | 175       | 175                    | Circ.                                    |             |                    |
| 8-5/8       | 1476      | 800 cu ft              | Circ. (30" <sup>2800</sup> down annulus) |             |                    |
| 5-1/2       | 5736      | 550 cu ft              | B.J.                                     |             |                    |

PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length 535 Depth set \_\_\_\_\_  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

SHOOTING RECORD

| Size | Shell used | Explosive used | Quantity | Date | Depth shot | Depth cleaned out |
|------|------------|----------------|----------|------|------------|-------------------|
|      |            |                |          |      |            |                   |

FOLD MARK

MUDDING AND CEMENTING RECORD

FOLD MARK

| Size casing | Where set | Number sacks of cement | Method used                    | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|--------------------------------|-------------|--------------------|
| 13-3/8      | 175       | 175                    | Circ.                          |             |                    |
| 8-5/8       | 1476      | 800 cu ft              | Circ. (30" added down annulus) |             |                    |
| 5-1/2       | 5736      | 550 cu ft              | B.J.                           |             |                    |

PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length 5735 Depth set \_\_\_\_\_  
 Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

SHOOTING RECORD

| Size | Shell used | Explosive used | Quantity | Date | Depth shot | Depth cleaned out |
|------|------------|----------------|----------|------|------------|-------------------|
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |

TOOLS USED

Rotary tools were used from 0 feet to 5735 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

February 25, 19 59 Put to producing January 29, 19 59  
 The production for the first 24 hours was 685 barrels of fluid of which 100 % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, °Bé. 42  
 If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
 Rock pressure, lbs. per sq. in. 2554

EMPLOYEES

Moran Bros., Inc., Driller \_\_\_\_\_, Driller  
 \_\_\_\_\_, Driller \_\_\_\_\_, Driller

FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION                |
|-------|------|------------|--------------------------|
| 1459  | 2341 | 882        | Chinle                   |
| 2341  | 2420 | 79         | Shinarump                |
| 2420  | 2550 | 130        | Moenkopi                 |
| 2550  | 2609 | 59         | Cutler - Upper Cutler    |
| 2609  | 2783 | 174        | Cutler - De Chelly       |
| 2783  | 4265 | 1482       | Cutler-Organ Rock Member |
| 4265  | 4557 | 292        | Rice                     |
| 4557  | 5508 | 951        | Honaker Trail            |
| 5508  | 5735 | 227        | Paradox                  |
| 5735  | 5697 | - 46       | FBD Top cement           |

MAR 2 1959

**HISTORY OF OIL OR GAS WELL**

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling.

Spudded 9PM 1/2/59. Drilled 17-1/4" hole to 175'. Set and cemented 4 jts 13-3/8" OD 27.1# Armo SWSJ casing at 175' with 175 sacks regular cement, 2% calcium chloride. Pumped plug to 145'. Cement circulated. Job completed 10:45 AM 1/3/59.

Drilled 11" hole to 1477'. Set and cemented 49 jts 8-5/8" 2# J-55 8 rd thd ST&C casing Rg 2 at 1476.46' with 330 sacks cement, 126 sacks Diacel "D", 620# calcium chloride, 165# Flocale, 660# tuff plug. Pumped plug to 1440' at 3:30 PM 1/5/59. Cement circulated. Recemented down annulus with 30 sacks cement. Waited on cement 24 hours. Tested casing with 750# for 30 minutes - tested o.k.

Drilled 7-7/8" hole to 5735'. Ran Schlumberger Induction & Micro Log to 5700'. Set & cemented 173 jts 5-1/2" 14 # J-55 ST & C Rg 2 casing at 5735.70' with 132 sacks neat cement, 100 sacks Diacel "D", 496# Calcium Chloride. Pumped plug to 5697' at 11:00 A.M. 1/22/59. Waited on cement 24 hours. Tested casing with 750# for 30 minutes - tested okay.

Ran tubing and tagged bottom. Pulled tubing and ran PGAC Gamma Ray and Neutron Log to 5699'. Perforated Paradox Line EL and RL measure with 4 bullet shots per foot from 5513-28, \*5557-78, 5595-5602, 5612-5617, 5624-27 (216 shots). Ran 178 jts 2-1/2" RUE tubing and set at 5674.55' with packer at 5381.82'. Down well spotted acid on formation -- set packer & acidized Paradox perforations with 6000 gallons well regular 15% acid, average treating rate 7.3 BPM, maximum pressure 4000#, minimum pressure 3700#, flush rate 7BPM. Bleed to O/W at once. Completed acidizing 11:00 A.M. 1/28/59.

\*\* 5534-5537

LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

PLEASE OR RETURN TO BUREAU

GENERAL SURVEY

U. S. GOVERNMENT PRINTING OFFICE

750000-01-01-01  
August 1958 20-75-53297

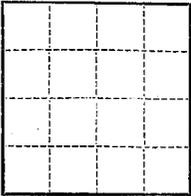
(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee Tribal

Lease No. 14-20-603-355



SUNDRY NOTICES AND REPORTS ON WELLS

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

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

Cortez, Colorado February 25, 1959

Navajo "A"

Well No. 11 is located 660 ft. from N line and 1820 ft. from W line of sec. 15

NE NW Sec. 15  
(¼ Sec. and Sec. No.)

41S  
(Twp.)

24E  
(Range)

SLM  
(Meridian)

White Mesa  
(Field)

San Juan County  
(County or Subdivision)

Utah  
(State or Territory)

The elevation of the ungraded ground above sea level is 4675 ft.

DETAILS OF WORK

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

Spudded 9PM 1/2/59. Drilled 17-1/4" hole to 175'. Set and cemented 4 jts 13-3/8" OD 27.1# Armeo SWSJ casing at 175' with 175 sacks regular cement, 2% calcium chloride. Pumped plug to 145'. Cement circulated. Job completed 10:45 AM 1/3/59.

Drilled 11" hole to 1477'. Set and cemented 49 jts 8-5/8" 24# J-55 8 rd thd ST&C casing Rg 2 at 1476.46' with 330 sacks cement, 126 sacks Diacel "D", 620# calcium chloride, 165# Flocele, 660# Tuff Plug. Pumped plug to 1448' at 3:20 PM 1/5/59. Cement circulated. Re-cemented down annulus with 30 sacks cement. Waited on cement 24 hours. Tested casing with 750# for 30 minutes - tested o.k.

Drilled 7-7/8" hole to 5735'. Ran Schlumberger Induction & Micro Log to 5700'. Set and cemented 173 jts 5-1/2" 14# J-55 ST&C Rg 2 casing at 5735.70' with 132 sacks

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be continued (continued on back)

Company Phillips Petroleum Company

Address Box 548

Cortez, Colorado

By C. M. Boles  
C. M. Boles  
Title District Superintendent

1959

(Continued)

neat cement, 100 sacks Diacel "D", 496# Calcium Chloride. Pumped plug to 5697' at 11:00 A.M. 1/22/59. Waited on cement 24 hours. Tested casing with 750# for 30 minutes - tested okay.

# PHILLIPS PETROLEUM COMPANY

P. O. Drawer 1150  
Cortez, Colorado

May 27, 1959

Utah Oil & Gas Conservation Commission  
Room 310 Newhouse Building  
Salt Lake City 11, Utah

Attention: Mr. Cleon B. Feight

Dear Sir:

In reply to your letter of May 26, 1959 requesting electric and radioactivity logs on our Navajo "A" No. 11, Navajo "B" Nos. 2, 3 and 4, we wish to advise all logs were mailed to you May 26, 1959. Both electric and radioactive logs were run on all wells.

These logs have been held in this office for the reason our company has classed them as "semi-tight" and information concerning them was restricted from public release due to adjoining unleased lands.

If possible to do so, we would appreciate the information concerning these wells continued to be restricted from public release unless clearance is first made with this office, similar to the policy of the U. S. Geological Survey.

Yours very truly,  
Phillips Petroleum Company



C. M. Boles  
District Superintendent

HGC;bh

June 1, 1959

Phillips Petroleum Company  
P. O. Drawer 1150  
Cortez, Colorado

Attention: C. M. Boles, District Superintendent

Gentlemen:

This is to acknowledge receipt of your letter of May 27, 1959 and the enclosed electric and radioactivity logs for Wells No. Navajo A-11, B-2, B-3 and B-4.

Please be advised that we regret to inform you that the information concerning the above mentioned wells has already been released due to the fact that the material submitted was not marked "confidential" and we had no way of knowing that you desired to have the wells restricted from public release.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

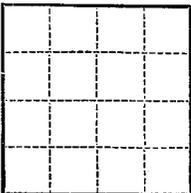
CLEON B. FREIGHT  
EXECUTIVE SECRETARY

CBF:co

*Copy H L &*

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee Tribal

Lease No. 14-20-603-355

SUNDRY NOTICES AND REPORTS ON WELLS

|  |          |   |  |
|--|----------|---|--|
| NOTICE OF INTENTION TO DRILL.....                  |          | SUBSEQUENT REPORT OF WATER SHUT-OFF.....        |  |
| NOTICE OF INTENTION TO CHANGE PLANS.....           |          | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING..... |  |
| NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....    |          | SUBSEQUENT REPORT OF ALTERING CASING.....       |  |
| NOTICE OF INTENTION TO REDRILL OR REPAIR WELL..... |          | SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....  |  |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....       |          | SUBSEQUENT REPORT OF ABANDONMENT.....           |  |
| NOTICE OF INTENTION TO PULL OR ALTER CASING.....   |          | SUPPLEMENTARY WELL HISTORY.....                 |  |
| NOTICE OF INTENTION TO ABANDON WELL.....           |          |   |  |
| <u>Notice of Intention to Squeeze</u>              | <u>X</u> |   |  |

Desert Creek perforations 5612-17, 5624-27' and convert to water injection.

Cortez, Colorado March 21, 19 63

Rutherford Unit (Formerly Phillips Petroleum Co. Navajo A-11)

Well No. 15-21 is located 660 ft. from N line and 1820 ft. from W line of sec. 15

NE NW Sec. 15  
(1/4 Sec. and Sec. No.)

41S  
(Twp.)

24E  
(Range)

SLM  
(Meridian)

Greater Aneth  
(Field)

San Juan  
(County or Subdivision)

Utah  
(State or Territory)

The elevation of the ~~surface~~ ungraded ground above sea level is 4675 ft.

DETAILS OF WORK

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

Kill well. Pull rods and tubing. Run Halliburton S/DC squeeze packer on wire line. Set packer at 5607' (midpoint of 10' separating perforations at 5595-5602 and 5612-17). Run stinger on work string of 2" tubing, set in packer and check for communication. If O.K. mix 50 sks. common cement and squeeze perforations at 5612-5617 and 5624-27 with maximum holding pressure of 1500#. Run 2 1/2" Marlex plastic lined tubing with Baker Tension Packer set at approximately 5465' and convert well to water injection. If communication exists, spot 5 sks cement (40') below packer - pull stinger out and up as high as possible without making connection. Pull braden head squeeze with remaining 45 sks cement to maximum 1500# - minimum 1000# pressure. After obtaining desired holding pressure, wash down to top of packer - circulate until clean. Lay down work string and reperforate Desert Creek zone 5513-28, 5534-37, 5557-78 and 5595-5602. Run 2 1/2" Marlex plastic lined tubing with Baker tension packer set at approximately 5465 and convert to water injection well. Present production: 207 BO, 190 MCF gas, 0 water in 24 hrs pumping.

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

Company PHILLIPS PETROLEUM CO.

Address P. O. Drawer 1150

Cortez, Colorado

By C. N. Boles  
C. N. Boles  
District Superintendent

Title \_\_\_\_\_

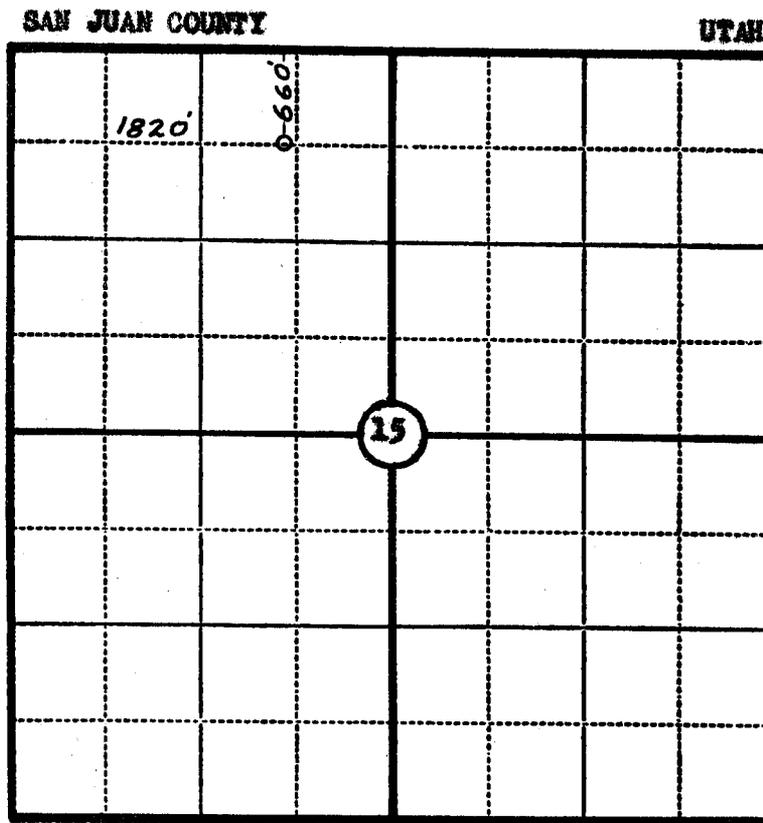
Company PHILLIPS PETROLEUM COMPANY

Lease NEE'NAVAJO "A" Well No. 11

Sec. 15, T. 41 S., R. 24 E. S. I. M.

Location 660' FROM THE NORTH LINE AND 1820' FROM THE WEST LINE.

Elevation 4675.0 UNGRADED GROUND.



This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Seal: James P. Leese  
Registered Land Surveyor.  
James P. Leese  
Utah Reg. No. 1472

Surveyed 14 December, 1957



PHILLIPS PETROLEUM COMPANY  
P. O. Drawer 1150  
Cortez, Colorado

August 15, 1963

Utah Oil & Gas Conservation Commission  
310 Newhouse Building  
Salt Lake City 11, Utah

Attention: Mr. Cleon B. Feight

Dear Sirs:

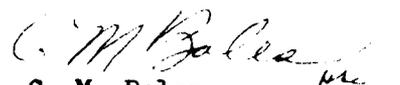
In accordance with Rule E-4 of the Utah General Rules and Regulations, we wish to advise that the following wells located on the Rutherford Unit in San Juan County, Utah, were converted to water injection wells.

| Old Well No. | New Well No. | Date Converted | Length of Test | Injection Rate | Injection Pressure |
|--------------|--------------|----------------|----------------|----------------|--------------------|
| 14-43        | 14W43        | 8-3-63         | 24 hrs         | 914 BW         | 350#               |
| 1-34         | 1W34         | 8-5-63         | 20 hrs         | 81 BW          | 450#               |
| 6-23         | 6W23         | 8-6-63         | 24 hrs         | 2300 BW        | 150#               |
| 10-21        | 10W21        | 8-8-63         | 24 hrs         | 480 BW         | 2300#              |
| 15-21        | 15W21        | 8-12-63        | 24 hrs         | 280 BW         | 2250#              |

Details of the above conversions will be furnished on USGS Form No. 9-331b in the near future.

Very truly yours,

PHILLIPS PETROLEUM COMPANY

  
C. M. Boles  
District Superintendent

bh

(SUBMIT IN TRIPLICATE)

Indian Agency \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

NAVAJO  
Allottee TRIBAL  
Lease No. 14-20-603-355

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SUNDRY NOTICES AND REPORTS ON WELLS

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

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

Ratherford Unit (Formerly Ratherford Unit 15-21) Cortez, Colorado September 4, 1963

Well No. 15-21 is located 660 ft. from N line and 1820 ft. from W line of sec. 15

NE NW Sec. 15 41S 24E SLM  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Greater Aneth San Juan Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the ungraded ground above sea level is 4675 ft.

DETAILS OF WORK

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

Acidize Water Injection well with 1,000 gallons regular acid, 250 gallons Sol-Block and 2,000 gallons regular acid.

Present Injections: Well not taking water at 2200#.

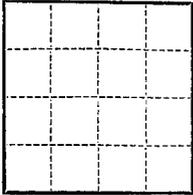
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company PHILLIPS PETROLEUM COMPANY

Address P. O. Drawer 1150

Cortez, Colorado

By C. M. Boles  
C. M. Boles  
Title District Superintendent



*Copy H-L*

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Indian Agency NAVAJO  
Allottee TRIBAL  
Lease No. 14-20-603-355

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

Rutherford Unit

Cortez, Colorado September 23, 1963

Well No. 1521 is located 660 ft. from N line and 1820 ft. from E line of sec. 15

NE 1/4 Sec. 15 41S 24E 31M  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Greater Aneth San Juan Utah

(Field) ungraded ground (County or Subdivision) (State or Territory)

The elevation of the ~~derrick floor~~ above sea level is 4675 ft.

DETAILS OF WORK

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

Water Injection Well

On 9-6-63 acidized with 1000 gallons 15% regular acid, 250 gallons Sol Block, 2000 gallons regular 15% acid.

Present Injection Rate: Injected 500 BW in 24 hours at 2350#, Greater Aneth Field, Paradox Formation, Desert Creek Zone.

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

Company PHILLIPS PETROLEUM COMPANY

Address P. O. Drawer 1150

Cortez, Colorado

*C. M. Boles*  
By C. M. Boles

District Superintendent

Title \_\_\_\_\_

(SUBMIT IN TRIPLICATE)

|  |  |  |
|--|--|--|
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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Indian Agency NAVAJO  
Allottee TRIBAL  
Lease No. 14-20-603-355

SUNDRY NOTICES AND REPORTS ON WELLS

|   |  |   |
|---|--|---|
| NOTICE OF INTENTION TO DRILL                  | SUBSEQUENT REPORT OF WATER SHUT-OFF  |   |
| NOTICE OF INTENTION TO CHANGE PLANS           | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING   |   |
| NOTICE OF INTENTION TO TEST WATER SHUT-OFF    | SUBSEQUENT REPORT OF ALTERING CASING   |   |
| NOTICE OF INTENTION TO REDRILL OR REPAIR WELL | SUBSEQUENT REPORT OF REDRILLING OR REPAIR  |   |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE       | SUBSEQUENT REPORT OF ABANDONMENT   |   |
| NOTICE OF INTENTION TO PULL OR ALTER CASING   | SUPPLEMENTARY WELL HISTORY   |   |
| NOTICE OF INTENTION TO ABANDON WELL           | Subsequent Report to Squeeze Desert Creek perforations 5612-17, 5624-27' and convert to water injection. | X |

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

Cortez, Colorado September 23, 1963  
**Ratherford Unit (Formerly Ratherford Unit 15-21)**  
 Well No. 15W21 is located 660 ft. from N line and 1820 ft. from E line of sec. 15  
15W Sec. 15 41S 24E S1M  
 (4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Greater Aneth San Juan Utah  
 (Field) (County or Subdivision) (State or Territory)

The elevation of the ~~center~~ ungraded ground above sea level is 4675 ft.

DETAILS OF WORK

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

Converted well to water injection (8-8-63 through 8-14-63).  
 Ran Baker C.I. Cement Retainer, set at 5607'. Squeezed lower Desert Creek perforations 5612-17 and 5624-27'. (New PEID 5607'). Ran 2 1/2" RUE tubing with Marlex liner and Tension Packer, hooked well up for Water Injection. Started injecting water 8-12-63. Changed well classification from pumping oil well to Water Injection Well and changed number from 15-21 to 15W21.

Present Injection Rate: Greater Aneth Field, Paradox formation - Desert Creek Zone: Injected 280 BW in 24 hours at 2250#.

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

Company PHILLIPS PETROLEUM COMPANY

Address P. O. Drawer 1150

Cortez, Colorado

By C. M. Boles  
C. M. Boles  
 Title District Superintendent

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate\*  
(Other instructions on re-  
verse side)

Form approved. *JMD*  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

**14-20-603-355**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

**Navajo Tribal**

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

**Rutherford Unit**

9. WELL NO.

**1521**

10. FIELD AND POOL, OR WILDCAT

**Greater Aneth**

11. SEC., T., R., M., OR BLEK; AND  
SURVEY OR AREA

**15-41E-24E**

**SIM**

12. COUNTY OR PARISH

**San Juan Co.**

13. STATE

**Utah**

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

|  |  |
|--|--|
| 1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> <b>Water Injection</b>  |  |
| 2. NAME OF OPERATOR<br><b>Phillips Petroleum Company</b>   |  |
| 3. ADDRESS OF OPERATOR<br><b>P. O. Drawer 1150, Cortez, Colorado</b>   |  |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*<br>See also space 17 below.)<br>At surface<br><b>NE 1/4 Sec. 15<br/>660' from North line and 1820' from West Line</b> |  |
| 14. PERMIT NO.   | 15. ELEVATIONS (Show whether DF, RT, GR, etc.)<br><b>4675' <del>measured</del> ungraded ground</b> |

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

| NOTICE OF INTENTION TO:                              |   | SUBSEQUENT REPORT OF:                          |  |
|--|---|--|--|
| TEST WATER SHUT-OFF <input type="checkbox"/>         | PULL OR ALTER CASING <input type="checkbox"/> | WATER SHUT-OFF <input type="checkbox"/>        | REPAIRING WELL <input type="checkbox"/>  |
| FRACTURE TREAT <input type="checkbox"/>              | MULTIPLE COMPLETE <input type="checkbox"/>    | FRACTURE TREATMENT <input type="checkbox"/>    | ALTERING CASING <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input checked="" 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) _____                                  |  |

(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.)\*

**Acidize water injection well with 2000 gallons regular 15% acid, 250 gallons Sol Block, and 2000 gallons regular 15% acid to increase injection rate.**

**Present Injection Rate: 127 BWPD at 2775#.**

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

SIGNED *C. M. Boles* TITLE Area Supt. DATE 2-7-66

(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 STATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

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

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

7. UNIT AGREEMENT NAME

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

9. WELL NO.  
**15W21**

10. FIELD AND POOL, OR WILDCAT  
**Greater Aneth Field**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**15-T41S-R24E, S1M**

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. OIL WELL  GAS WELL  OTHER **Water Injection Well**

2. NAME OF OPERATOR  
**Phillips Petroleum Co.**

3. ADDRESS OF OPERATOR  
**P. O. Drawer 1150, Cortez, Colorado**

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

**NE NW 15 660' from North Line and 1820' from West Line of Sec. 15-T41S-R24E, San Juan County, Utah**

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**4675' ungraded ground**

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
(Other)   
PULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANS

SUBSEQUENT REPORT OF:

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

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

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

On 2-19-64 acidized Desert Creek with 2000 gallons regular acid, backflowed water load and acid. Re-acidized with 3000 gallons regular acid. Backflowed water load and acid. Hooked up and started injecting water.

Previous Injection Rate - Greater Aneth Field, Paradox, Desert Creek Zone:

Injected 126 BW in 24 hrs at 2600#.

Present Injection Rate - Greater Aneth Field, Paradox, Desert Creek Zone.

Injected 196 BW in 24 hrs at 2350#.

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

SIGNED C. M. Boles TITLE C. M. Boles, Area Supt. DATE 3-9-64

(This space for Federal or State office use)

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

\*See Instructions on Reverse Side

Utah

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN THE MIDDLE  
(Other instructions on  
reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

|   |  |   |
|---|--|---|
| 1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> <b>Injection Well</b>   |  | 5. LEASE DESIGNATION AND SERIAL NO.<br><b>14-20-603-353</b>               |
| 2. NAME OF OPERATOR<br><b>Phillips Petroleum Company</b>  |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME<br><b>Navajo Tribal</b>              |
| 3. ADDRESS OF OPERATOR<br><b>P. O. Drawer 1150, Cortez, Colorado 81321</b>  |  | 7. UNIT AGREEMENT NAME<br><b>SN-I-4192</b>                                |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*<br>See also space 17 below.)<br>At surface<br><br><b>660' FWL; 1820' FWL, Section 15</b>   |  | 8. FARM OR LEASE NAME<br><b>Rutherford Unit</b>                           |
| 14. PERMIT NO.  | 15. ELEVATIONS (Show whether DF, RT, GR, etc.)<br><b>4675' ungraded ground</b> | 9. WELL NO.<br><b>19021</b>   |
| 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data   |  | 10. FIELD AND POOL, OR WILDCAT<br><b>Greater Aneth</b>                    |
| 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)* |  | 11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA<br><b>15-410-042 31N</b> |
| 18. I hereby certify that the foregoing is true and correct   |  | 12. COUNTY OR PARISH<br><b>San Juan</b>                                   |
| SIGNED <b>C. N. Bolan</b> TITLE <b>District Superintendent</b>  |  | 13. STATE<br><b>Utah</b>  |

| 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 checked="" 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) <input type="checkbox"/>  |  |
| (Other) Dril cmt retainer; perf S'zone II <input checked="" type="checkbox"/> |   | (NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) |  |

Acidize Subzone I of injection well #19021 with 15000 gallons 20% acid. Pull tubing and packer, drill out cement retainer at 5607' and cement to 5450'. Perforate Subzone II 5612-17' and 5624-28'. Run tubing with packer and acidize Subzone II perforations with 9000 gallons 15% acid. Run tubing and packer and begin injection into Subzones I and II.

Present Injection Rate: 170 BWPD (Zone I) at 2160'

18. I hereby certify that the foregoing is true and correct  
SIGNED **C. N. Bolan** TITLE **District Superintendent** DATE **7-23-66**

(This space for Federal or State office use)  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN THE STATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

|   |  |  |
|---|--|--|
| 1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> <b>Water Injection Well</b>  |  | 5. LEASE DESIGNATION AND SERIAL NO.<br><b>11-20-401-355</b>                |
| 2. NAME OF OPERATOR<br><b>Phillips Petroleum Company</b>  |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME<br><b>Navajo</b>                      |
| 3. ADDRESS OF OPERATOR<br><b>Denver 1150, Cortez, Colo. 81321</b>   |  | 7. UNIT AGREEMENT NAME<br><b>SW-I-4192</b>                                 |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*<br>See also space 17 below.)<br>At surface<br><b>660' FWL; 1820' FWL, Section 15</b>   |  | 8. FARM OR LEASE NAME<br><b>Rutherford Unit</b>                            |
| 14. PERMIT NO.  | 15. ELEVATIONS (Show whether DF, RT, GR, etc.)<br><b>4675' ungraded ground</b> | 9. WELL NO.<br><b>1921</b>   |
| 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data   |  | 10. FIELD AND POOL, OR WILDCAT<br><b>Greater Aneth</b>                     |
| 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)* |  | 11. SEC., T., R., M., OR R.L.E. AND SURVEY OR AREA<br><b>19-419-245 SW</b> |
|   |  | 12. COUNTY OR PARISH<br><b>San Juan</b>                                    |
|   |  | 13. STATE<br><b>Utah</b>   |

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

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

On February 2, 1967 acidized Desert Creek Zone I perforations 5413-5402' OI with 15,000 gallons 28% acid in three equal stages separated by 1000 gallons salt plug between each stage. Resumed injection and tested, stabilized at 572 BW in 24 hours at 2400'. Drilled cement retainer at 5407' and cement from 5407' to 5413', washed to 5444'. Perforated Desert Creek Zone II 5413-17 and 5404-38'. Acidized Zone II with 5000 gallons 15% regular acid. Laid lines, hooked up to low Pressure System and started injecting water 3-6-67. (Had been on High Pressure System prior to workover).

PREVIOUS INJECTION RATE: 150 BWPD at 2400'.

PRESENT INJECTION RATE: 2451 BWPD on vacuum.

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

SIGNED

*G. W. Selan*

G. W. Selan

TITLE

District Superintendent

DATE

3-22-67

(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 TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

|  |  |  |
|--|--|--|
| 1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> <b>Water Injection</b>  |  | 5. LEASE DESIGNATION AND SERIAL NO.<br><b>14-20-603-355</b>                |
| 2. NAME OF OPERATOR<br><b>Phillips Petroleum Company</b>   |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME<br><b>Navajo Tribal</b>               |
| 3. ADDRESS OF OPERATOR<br><b>Box 2920 Casper, Wyoming 82601</b>  |  | 7. UNIT AGREEMENT NAME<br><b>SK I-4192</b>                                 |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*<br>See also space 17 below.)<br>At surface<br><b>660' FNL; 1820' FNL, Sec. 15</b> |  | 8. FARM OR LEASE NAME<br><b>Rutherford Unit</b>                            |
| 14. PERMIT NO.   |  | 9. WELL NO.<br><b>15-21</b>  |
| 15. ELEVATIONS (Show whether DF, RT, GR, etc.)<br><b>4675' Ungraded Ground</b>   |  | 10. FIELD AND POOL, OR WILDCAT<br><b>Greater Aneth</b>                     |
|  |  | 11. SEC., T., R., E., OR BLK. AND SURVEY OR AREA<br><b>15-41S-24E S1EM</b> |
|  |  | 12. COUNTY OR PARISH<br><b>San Juan</b>                                    |
|  |  | 13. STATE<br><b>Utah</b>   |

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

| NOTICE OF INTENTION TO:                              |   | SUBSEQUENT REPORT OF:   |  |
|--|---|---|--|
| TEST WATER SHUT-OFF <input type="checkbox"/>         | PULL OR ALTER CASING <input type="checkbox"/> | WATER SHUT-OFF <input type="checkbox"/>   | REPAIRING WELL <input type="checkbox"/>  |
| FRACTURE TREAT <input type="checkbox"/>              | MULTIPLE COMPLETE <input type="checkbox"/>    | FRACTURE TREATMENT <input type="checkbox"/>   | ALTERING CASING <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input checked="" 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.)\*

**Acidize with 3000 gals. 15% HCL Acid.**

**Present Injection Rate: 848 BWPD at 1635 lbs.**

18. I hereby certify that the foregoing is true and correct  
Original Signed By: \_\_\_\_\_  
SIGNED F. C. MORGAN TITLE Production Superintendent DATE 12-13-71

(This space for Federal or State office use)

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

- 3 - USGS - Farmington, New Mexico.
  - 2 - Utah - O&GCC Salt Lake City
  - 1 - File
- \*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-355

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo Tribal

7. UNIT AGREEMENT NAME

SW-I-4192

8. FARM OR LEASE NAME

Rutherford Unit

9. WELL NO.

15M2

10. FIELD AND POOL, OR WILDCAT

Greater Aneth

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

Sec. 15-T15-R24E, S1M

12. COUNTY OR PARISH 13. STATE

San Juan Utah

1. OIL WELL  GAS WELL  OTHER  **Water Injection**

2. NAME OF OPERATOR  
**Phillips Petroleum Company**

3. ADDRESS OF OPERATOR  
**P. O. Box 2920, Casper, Wyoming 82601**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
**660' FWL & 1820' FWL, Sec. 15**

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**4675' Ungraded Ground**

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF   
FRACTURE TREAT   
~~REPAIR~~ OR ACIDIZE   
REPAIR WELL   
(Other)   
PULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF   
FRACTURE TREATMENT   
~~REPAIR~~ OR ACIDIZING   
(Other)   
REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*  
**January 5, 1972**

**Acidize Zone II with 3000 gals 15% HCL Acid.**

**Injection Rate Before: 392 BHPD at 1983# to Zone I and II.**

**Injection Rate After: 4290 BHPD at Vacuum to Zone I and II.**

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

Original signed by:

SIGNED **F. C. Morgan** F. C. MORGAN

TITLE **Production Superintendent**

DATE **February 24, 1972**

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

3 - USGS, Farmington, N. Mexico

2 - Utah O&G CC, Salt Lake City

1 - Pipe

1 - Superior Oil Co., Cortez, Colo.

\*See Instructions on Reverse Side

STATE OF UTAH,  
DIVISION OF OIL, GAS, AND MINING  
ROOM 4241 STATE OFFICE BUILDING  
SALT LAKE CITY, UTAH 84114  
(801) 533-5771  
(RULE I-5 & RULE I-4)

FORM NO. DOGM-UIC-1  
(Revised 1982)

IN THE MATTER OF THE APPLICATION OF  
PHILLIPS PETROLEUM COMPANY  
ADDRESS P.O. BOX 2920  
CASPER, WYOMING ZIP 82602  
INDIVIDUAL        PARTNERSHIP X CORPORATION         
FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR  
INJECT FLUID INTO THE 15W21 WELL  
SEC. 15 TWP. 41S RANGE 24E  
SAN JUAN COUNTY, UTAH

CAUSE NO. C-3(B)

|                             |                                     |
|-----------------------------|-------------------------------------|
| ENHANCED RECOVERY INJ. WELL | <input checked="" type="checkbox"/> |
| DISPOSAL WELL               | <input type="checkbox"/>            |
| LP GAS STORAGE              | <input type="checkbox"/>            |
| EXISTING WELL (RULE I-4)    | <input checked="" type="checkbox"/> |

APPLICATION

Comes now the applicant and shows the Corporation Commission the following:

1. That Rule I-5 (g) (iv) authorizes administrative approval of enhanced recovery injections, disposal or LP Gas storage operations.
2. That the applicant submits the following information.

|  |  |   |                                    |
|--|--|---|------------------------------------|
| Lease Name<br><u>Ratherford Unit</u>   | Well No.<br><u>15W21</u>   | Field<br><u>Greater Aneth</u>   | County<br><u>San Juan</u>          |
| Location of Enhanced Recovery<br>Injection or Disposal Well <u>15W21</u> Sec. <u>15</u> Twp. <u>41S</u> Rge. <u>24E</u>            |  |   |                                    |
| New Well To Be Drilled<br>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>                                      | Old Well To Be Converted<br>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>  | Casing Test<br>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date <u>5-83</u> |                                    |
| Depth-Base Lowest Known<br>Fresh Water Within 1/2 Mile <u>Wingate 1550'</u>  | Does Injection Zone Contain<br>Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> |   | State What<br><u>Oil &amp; Gas</u> |
| Location of<br>Injection Source(s) <u>Desert Creek Paradox I &amp; II<br/>San Juan River</u>                                       | Geologic Name(s)<br>and Depth of Source(s) <u>Desert Creek (5567')<br/>San Juan River (Surface)</u>                                    |   |                                    |
| Geologic Name of<br>Injection Zone <u>Desert Creek I &amp; II</u>  | Depth of Injection<br>Interval <u>5513</u> to <u>5638</u>  |   |                                    |
| a. Top of the Perforated Interval:<br><u>5513</u>  | b. Base of Fresh Water:<br><u>1550'</u>  | c. Intervening Thickness (a minus b)<br><u>3963</u>   |                                    |
| Is the intervening thickness sufficient to show fresh water will be protected<br>without additional data? YES NO See Attachment #4 |  |   |                                    |
| Lithology of Intervening Zones<br><u>See Attachment #1</u>   |  |   |                                    |
| Injection Rates and Pressures<br>Maximum <u>563 (12-82)</u> B/D<br><u>2600</u> PSI   |  |   |                                    |
| The Names and Addresses of Those to Whom Notice of Application Should be Sent.   |  |   |                                    |
| <u>Navajo Tribe, Minerals Dept., P.O. Box 146, Window Rock, AZ 86515</u>   |  |   |                                    |
| <u>Superior Oil, P.O. Box 4530, The Woodlands, TX 77380</u>  |  |   |                                    |
| <u>Texaco Inc., P.O. Box 2100, Denver, CO 80201</u>  |  |   |                                    |
| <u>Southland Royalty, 1000 Fort Worth Club Tower, Fort Worth, TX 76102</u>   |  |   |                                    |

State of Wyoming

PHILLIPS PETROLEUM COMPANY

County of Natrona

Applicant

Before me, the undersigned authority, on this day personally appeared A. E. Stuart  
known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on  
oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated  
therein, and that said report is true and correct.

Suscribed and sworn to before me this 21<sup>st</sup> day of Sept, 19 83

SEAL

My commission expires

DONALD L. HUDSON - Notary Public

County of Natrona State of Wyoming

My Commission Expires Nov. 3, 1986

Notary Public in and for Natrona Co., Wyoming

(OVER)

1. Attach qualitative and quantitative analysis of representative sample of water to be injected and a qualitative and quantitative analysis of the injection formation of water.
2. Attach plat showing subject well and all known oil and gas wells, abandoned, drilling and dry holes within one-half mile, together and with the name of the operator(s).
3. Attach Drillers Log (Form DOGM-UIC-2). (Appropriate Surety must be on file with Conservation Division or appropriate government agencies.)
4. Attach Electric or Radioactivity Log of Subject well (if released).
5. Attach schematic drawing of subsurface facilities including; Size, setting depth, amount of cement used measured or calculated tops of cement surface, intermediate (if any) and production casings; size and setting depth of tubing; type and setting depth of packer; geologic name of injection zone showing top and bottom of injection interval.
6. If the application is for a NEW well the original and six (6) copies of the application and three (3) complete sets of attachments shall be mailed to the Division. For EXISTING well applications (Rule I-4) only ONE copy of the application and ONE complete set of attachments are required to be mailed to the Division.
7. The Division is required to send notice of application to the surface owner of the land within one-half mile of the injection well and to each operator of a producing leasehole within one-half mile of the injection well. List all required names and addresses in the appropriate space provided on the front of this form.
8. Notice that an application has been filed shall be published by the Division in a newspaper of general circulation in the county of publication before the application is approved. The notice shall include the name and address of applicant, location of proposed injection or disposal well, injection zone, injection pressure and volume. If no written objection is received within 15 days from date of publication the application may be approved administratively.
9. A well shall not be used for injection or disposal unless completed machine accounting Form DOGM-UIC-3b is filed by January 31st each year.
10. Approval of this application, if granted, is valid only as long as there is no substantial change in the operations set forth in the application. A substantial operation change requires the approval of a new application.
11. If there is less intervening thickness required by Rule I-5 (b) 4, attach sworn evidence and data.
12. For enhanced recovery projects, information required by Rule I-4 which is common to more than one well, need be reported only once on the application.

**CASING AND TUBING DATA**

| NAME OF STRING                    | SIZE   | SETTING DEPTH | SACKS CEMENT   | TOP OF CEMENT                         | TOP DETERMINED BY |
|-----------------------------------|--|---------------|--|---------------------------------------|-------------------|
| Surface                           | 13-3/8   | 175           | 175  | Surface                               | Returns           |
| Intermediate                      | 8-5/8  | 1476.46       | 486+   | Surface                               | Returns           |
| Production                        | 5-1/2  | 5735.7        | 232+   | 5034                                  | CALCULATED        |
| Tubing                            | 2-7/8  | 5445          | Name - Type - Depth of Tubing Packer<br>Baker Model A Pkr @ 5445 |                                       |                   |
| <sup>PB</sup> Total Depth<br>5697 | Geologic Name - Inj. Zone<br>Desert Creek I & II |               | Depth - Top of Inj. Interval<br>5513                             | Depth - Base of Inj. Interval<br>5638 |                   |

(To be filed within 30 days after drilling is completed) 14-20-603- 355

DEPARTMENT OF NATURAL RESOURCES AND ENERGY

LEASE NO.

API NO. 43-037- 16411

DIVISION OF OIL, GAS, AND MINING  
Room 4241 State Office Building  
Salt Lake City, Utah 84114

|  |  |  |  |  |  |  |  |  |  |
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COUNTY San Juan SEC. 15 TWP. 41S RGE. 24E

COMPANY OPERATING Phillips Petroleum Company

OFFICE ADDRESS P.O. Box 2920

TOWN Casper STATE WY ZIP 82602

FARM NAME --- WELL NO. 15W21

DRILLING STARTED 1-21-59 DRILLING FINISHED 1-22-59

DATE OF FIRST PRODUCTION 1-28-59 COMPLETED 1-29-59

WELL LOCATED NE 1/4 NW 1/4

660 FT. FROM SL OF 1/4 SEC. & 1820 FT. FROM WL OF 1/4 SEC.

ELEVATION BERRICK FLOOR 4686 GROUND 4675

Locate Well Correctly  
and Outline Lease

RKB

TYPE COMPLETION

Single Zone \_\_\_\_\_

Multiple Zone X

Comingled \_\_\_\_\_

LOCATION EXCEPTION

OIL OR GAS ZONES

| Name            | From | To   | Name | From | To |
|-----------------|------|------|------|------|----|
| Desert Creek I  | 5513 | 5602 |      |      |    |
| Desert Creek II | 5612 | 5638 |      |      |    |

CASING & CEMENT

| Casing Set |      |       |         | Csg. Test | Cement |            |             |
|------------|------|-------|---------|-----------|--------|------------|-------------|
| Size       | Wgt. | Grade | Feet    | Psi       | Sax    | Fillup     | Top         |
| 13-3/8     | 27.1 | H-40  | 175     | no test   | 175    |            | surface     |
| 8-5/8      | 24   | J-55  | 1476.46 | 750       | 486+   |            | surface     |
| 5-1/2      | 14   | J-55  | 5735.70 | 750       | 232+   | <u>700</u> | <u>5034</u> |

PBTD 5697

TOTAL DEPTH 5735.70

PACKERS SET Baker Model A Tension Pkr @ 5445

DEPTH \_\_\_\_\_  
NOTE: THIS FORM MUST ALSO BE ATTACHED WHEN FLUNG PLUGGING FORM DOGM-UIC-6

COMPLETION & TEST DATA BY PRODUCING FORMATION

| FORMATION   | 1                                  | 2           | 3 |
|---|------------------------------------|-------------|---|
| Desert Creek <u>I+II</u>  |                                    |             |   |
| SPACING & SPACING ORDER NO.                                       | 40 acre Cause #C-3(B)              |             |   |
| CLASSIFICATION (DISPOSAL WELL, ENHANCED RECOVERY, LP GAS STORAGE) | Enhanced Recovery                  |             |   |
| PERFORATED  | I 5513-28                          | II. 5612-17 |   |
|   | 5534-37                            | 5624-38     |   |
| INTERVALS   | 5557-78                            |             |   |
|   | 5595-5602                          |             |   |
| ACIDIZED?   | 1-5-72<br>3000 gal 15%<br>HCl Acid |             |   |
| FRACTURE TREATED?   | No                                 |             |   |

INITIAL TEST DATA

Converted to Injector 8-14-63

|                            |         |    |    |
|----------------------------|---------|----|----|
| Date                       | 8-14-63 |    |    |
| Oil, bbl./day              | --      |    |    |
| Oil Gravity                | --      |    |    |
| Gas, Cu. Ft./day           | --      | CF | CF |
| Gas-Oil Ratio Cu. Ft./Bbl. | --      |    |    |
| Water-Bbl./day             | 280     |    |    |
| Pumping or Flowing         | Pumping |    |    |
| CHOKE SIZE                 | ---     |    |    |
| FLOW TUBING PRESSURE       | 2250    |    |    |

A record of the formations drilled through, and pertinent remarks are presented on the reverse.  
(use reverse side)

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

Telephone 307-237-3791

A.E. Stuart, Area Manager  
Name and title of representative of company

Subscribed and sworn before me this \_\_\_\_\_ day of \_\_\_\_\_ 1983

SEP 22 '83

Casper

WELL: 15W21  
LOCATION: NENW Sec. 15 - T41S-R24E  
FIELD: GREATER ANETH  
RESERVOIR: Desert Creek I+II

COMPLETION: 8.14.63  
PRESENT STATUS: W.I.

RKB 4686'  
GL 4675'

175'

SURFACE CASING: 1 3/8" 27.1#  
H-40

INTERMEDIATE CASING: 8 5/8"  
24# J-55

PRODUCTION CASING: 5 1/2" 14#  
J-55

1476.5'

- PERFORATIONS: \_\_\_\_\_  
5513-28  
5534-37  
5557-78  
5595-5602  
5612-17  
5624-38

PACKER: Baker Model "A"  
Pkr @ 5445'  
Tubing: 2 7/8" at 5445'

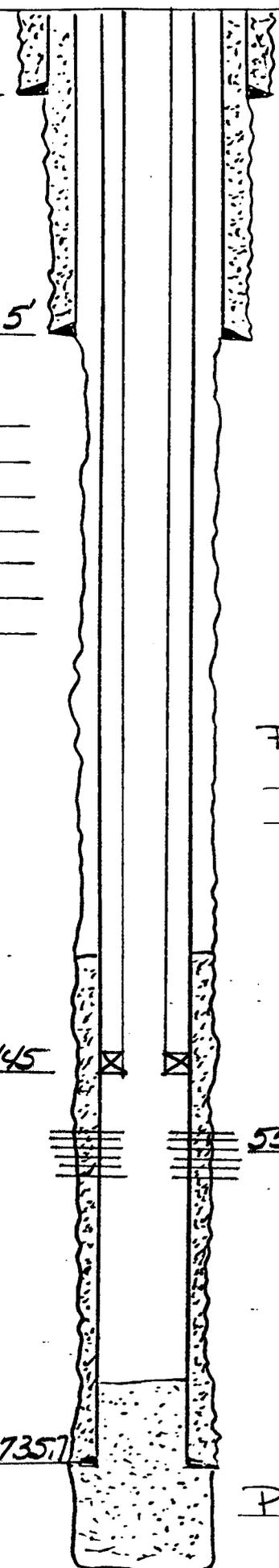
5445

5513- 5638'

PBTD: 5697'  
OTD: 5735.7'

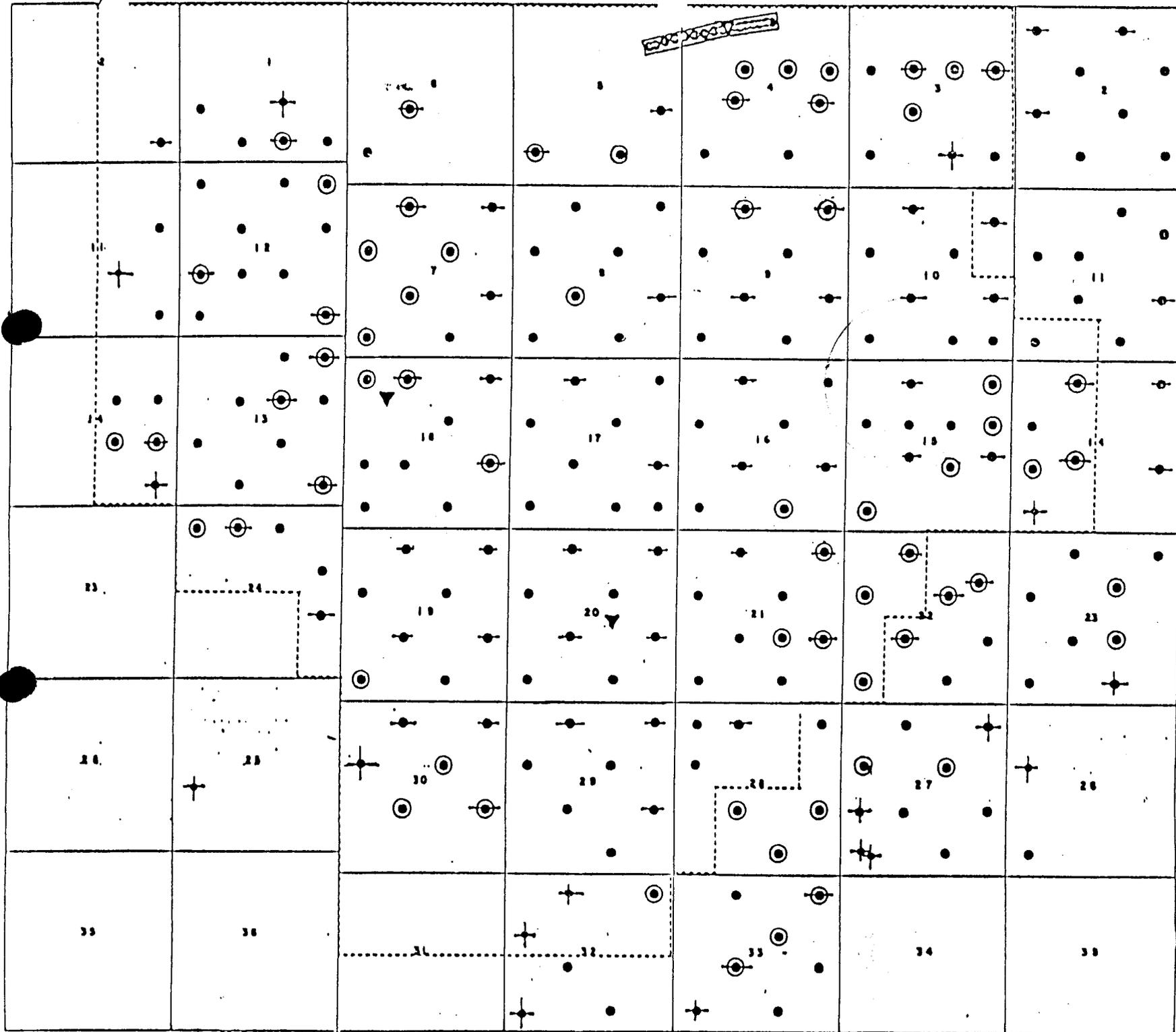
5735.7'

Phillips Petroleum Company



R-23-E

R-24-E



RATHERFORD UNIT  
 SAN JUAN COUNTY, UTAH  
 2" = 1 mile  
 RCT 3-83

- oil producer
- ◐ water injector
- ◓ water supply
- ▼ domestic water
- ⊕ plugged & abandoned
- shut in well
- unit boundary

R-23-E

R-24-E

UTAH DIVISION OF OIL, GAS AND MINING  
CASING-BRADENHEAD TEST

OPERATOR: Phillips Petroleum  
 FIELD: Greater Aneth LEASE: Ratherford  
 WELL # A-11 15W21 SEC. 15 TOWNSHIP 41S RANGE 24E  
 STATE (FED) FEE DEPTH 5697 TYPE WELL INJW MAX. INJ. PRESS. 2600

TEST DATE 6/17/86

| CASING STRING       | SIZE                               | SET AT      | CMT        | PRESSURE READINGS | REMARKS                     | FUTURE    |
|---------------------|------------------------------------|-------------|------------|-------------------|-----------------------------|-----------|
| <u>SURFACE</u>      | <u>13<sup>3</sup>/<sub>8</sub></u> | <u>175</u>  | <u>175</u> |                   |                             |           |
| <u>INTERMEDIATE</u> | <u>8<sup>5</sup>/<sub>8</sub></u>  | <u>1476</u> | <u>486</u> |                   |                             |           |
| <u>PRODUCTION</u>   | <u>5<sup>1</sup>/<sub>2</sub></u>  | <u>5735</u> | <u>232</u> | <u>✓ D</u>        | <u>small gas blow</u>       | <u>OK</u> |
| <u>TUBING</u>       | <u>2<sup>7</sup>/<sub>8</sub></u>  | <u>5445</u> |            | <u>BUACUMING</u>  | <u>Baker Packer Model A</u> |           |

| CASING STRING       | SIZE | SET AT | CMT | PRESSURE READINGS | REMARKS | FUTURE |
|---------------------|------|--------|-----|-------------------|---------|--------|
| <u>SURFACE</u>      |      |        |     |                   |         |        |
| <u>INTERMEDIATE</u> |      |        |     |                   |         |        |
| <u>PRODUCTION</u>   |      |        |     |                   |         |        |
| <u>TUBING</u>       |      |        |     |                   |         |        |

| CASING STRING       | SIZE | SET AT | CMT | PRESSURE READINGS | REMARKS | FUTURE |
|---------------------|------|--------|-----|-------------------|---------|--------|
| <u>SURFACE</u>      |      |        |     |                   |         |        |
| <u>INTERMEDIATE</u> |      |        |     |                   |         |        |
| <u>PRODUCTION</u>   |      |        |     |                   |         |        |
| <u>TUBING</u>       |      |        |     |                   |         |        |

CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW

Operator: Phillips Well No. Ratherford Mt 15021  
 County: San Juan T 41S R 24E Sec. 15 API# 43-037-16411  
 New Well  Conversion  Disposal Well  Enhanced Recovery Well

|  | YES                                 | NO                       |
|--|-------------------------------------|--------------------------|
| UIC Forms Completed  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Plat including Surface Owners, Leaseholders, and wells of available record | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Schematic Diagram  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Fracture Information   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Pressure and Rate Control  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Adequate Geologic Information  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Fluid Source Desert Creek

|  |   |  |                   |
|--|---|--|-------------------|
| Analysis of Injection Fluid                        | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            | TDS <u>85455</u>  |
| Analysis of Water in Formation to be injected into | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            | TDS <u>103433</u> |
| Known USDW in area                                 | <u>Wagonate</u>                         | Depth <u>1550</u>                      |                   |
| Number of wells in area of review                  | <u>9</u>                                | Prpd. <u>7</u>                         | P&A <u>0</u>      |
|  |   | Water <u>0</u>                         | Inj. <u>2</u>     |
| Aquifer Exemption                                  | Yes <input type="checkbox"/>            | NA <input checked="" type="checkbox"/> |                   |
| Mechanical Integrity Test                          | Yes <input type="checkbox"/>            | No <input checked="" type="checkbox"/> |                   |
| Date   |   | Type                                   |                   |

Comments: TOC 5034

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Reviewed by: [Signature]

# Mobil Oil Corporation

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

May 14, 1986

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

RECEIVED  
MAY 16 1986

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE\*  
(Other instructions on re-  
verse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL  GAS WELL  OTHER  WATER INJECTION & WATER SUPPLY WELLS

2. NAME OF OPERATOR  
PHILLIPS PETROLEUM COMPANY

3. ADDRESS OF OPERATOR  
152 N. DURBIN, 2ND FLOOR, CASPER, WYOMING-82601

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

RECEIVED  
MAR 20 1989  
OIL, GAS & MINING

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, OR, etc.)  
OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
SW-I-4192  
7. UNIT AGREEMENT NAME  
RATHERFORD UNIT #7960041920  
8. FARM OR LEASE NAME  
9. WELL NO.  
VARIOUS (see attached)  
10. FIELD AND POOL, OR WILDCAT  
GREATER ANETH  
11. SEC., T., R., M., OR B.L.M. AND SURVEY OR AREA  
Sections 1 thru 30  
T41S - R23E & 24E  
12. COUNTY OR PARISH 13. STATE  
San Juan 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   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
(Other)   
PULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANS

WATER SHUT-OFF   
FRACTURE TREATMENT   
SHOOTING OR ACIDIZING   
(Other) CHANGE OF OWNERSHIP   
REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*

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

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

This is to advise all Water Injection and Water Supply Wells on the Ratherford Unit, listed on the attached sheet, were sold to Phillips Petroleum Company, effective August 1, 1985.

(former Operator - Phillips Oil Company)

3 - BLM, Farmington, NM  
2 - Utah O&G CC, SLC, UT  
1 - File

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

SIGNED A. A. Oden  
S. H. Oden

TITLE District Superintendent

DATE March 17, 1989

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

\*See Instructions on Reverse Side

# DOWN HOLE SCHEMATIC

Date: 8/6/87

RATHERFORD Unit # 15W21

LOCATION NE NW Sec. 15

RKB Elev. 4687'

T415-R24E

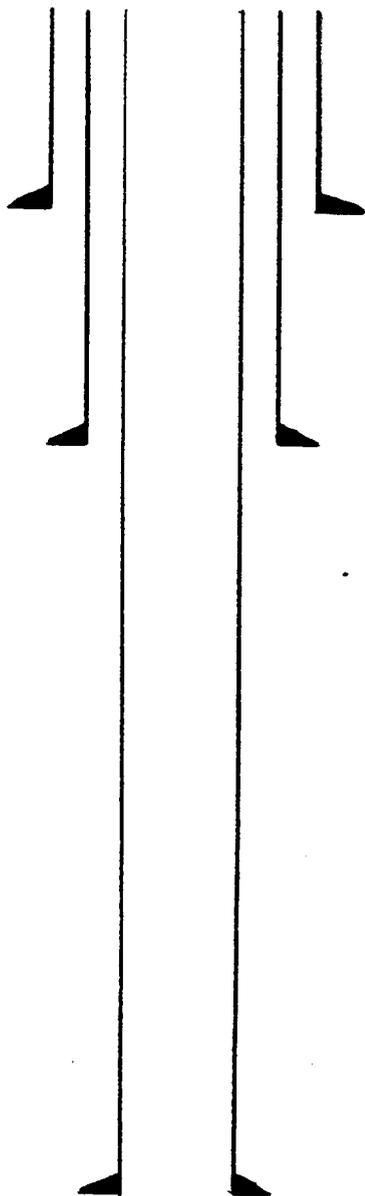
GL ELEV. 4675'

Well Drld 1/22/59

RKB Above GL' 12'

Well converted to injector 8/12/63

12.381 50 SHEETS 3 SQUARE  
 42.382 100 SHEETS 3 SQUARE  
 700 SHEETS 3 SQUARE  
 NATIONAL



CONDUCTOR CSG 13<sup>3</sup>/<sub>8</sub> @ 175'

SURFACE CSG. 8<sup>5</sup>/<sub>8</sub> @ 1,474'

TOC 3500'

Tubing 2 1/2 @ 5,465' Marlex lined

PACKER BAKER TENSION SET PKR

@ 5465'

|       |                   |       |       |
|-------|-------------------|-------|-------|
| PERFS | <u>5,612 - 17</u> | _____ | _____ |
|       | <u>5,624 - 38</u> | _____ | _____ |
|       | _____             | _____ | _____ |
|       | _____             | _____ | _____ |

PBTD 5,650'

PRODUCTION Csg. 5 1/2 @ 5736'  
J-55, 14 #

All Perfs Zone I unless noted

UNITED STATES A  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.

14-20-603-355

6. If Indian, Allottee or Tribe Name

Navajo Tribal

7. If Unit or CA, Agreement Designation

Ratherford Unit  
SW-I-4192

8. Well Name and No.

Ratherford Unit #15W21

9. API Well No.

43-037-16411

10. Field and Pool, or Exploratory Area

Greater Aneth

11. County or Parish, State

San Juan, Utah

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well  Gas Well  Other Injection

2. Name of Operator

Phillips Petroleum Company

3. Address and Telephone No.

5525 Hwy 64 NBU 3004, Farmington, NM 87401 (505) 599-3412

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

660' FNL & 1820' FWL  
Sec. 15, T41S, R24E

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

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

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

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

12-4-91 thru 12-7-91

MI & RU DDU. COOH w/injection equipment. Ran bit & scraper to bottom @ 5665'. Set RBP @ 5448', pressured csg to 800 psi to check for leak. Layed down work string & tools. Ran inj. pkr on plastic coated tbg. PT to 3000 psi - okay. Set Baker Lok-set @ 5442'. Come off on-off tool. Flushed w/pkr fluid (27 gals. Welch WA-840) per 100 bbls fresh wtr. Pmpd 120 bbls. Get back on on-off tool. ND BOPs and NU WH. Ran UIC test for 45 minutes to 1000 psi. Held. Expelled tubing test plug. Returned well to injection.

RECEIVED

JAN 13 1992

DIVISION OF  
OIL GAS & MINING

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

Signed

*T. F. Robinson*  
T. F. ROBINSON

Title

Sr. Drlg. & Prod. Engr.

Date

1-9-92

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

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

\*See Instruction on Reverse Side

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

ACCOUNT NUMBER: N0772

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

RECEIVED

AUG 16 1993

REPORT PERIOD (MONTH/YEAR):

6 / 93

DIVISION OF  
OIL, GAS & MINING

AMENDED REPORT  (Highlight Changes)

| Well Name | 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      |

USMA  
5-18-93

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

I hereby certify that this report is true and complete to the best of my knowledge. Date: 8/11/93

Name and Signature: PAT KONKEL *Pat Konkell*

Telephone Number: 505 599-3452

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

3. LEASE DESIGNATION & SERIAL NO.

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NAVAJO TRIBAL

1. OIL WELL  GAS WELL  OTHER

7. UNIT AGREEMENT NAME

RATHERFORD UNIT

2. NAME OF OPERATOR

MOBIL OIL CORPORATION

8. FARM OR LEASE NAME

3. ADDRESS OF OPERATOR

P. O. BOX 633 MIDLAND, TX 79702

9. WELL NO.

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

10. FIELD AND POOL, OR WILDCAT

GREATER ANETH

At proposed prod. zone

DIVISION OF OIL, GAS & MINING

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

14. API NO.

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

12. COUNTY

SAN JUAN

13. STATE

UTAH

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON

REPAIR WELL

CHANGE PLANS

(Other)

APPROX. DATE WORK WILL START \_\_\_\_\_

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT\*

(Other) CHANGE OF OPERATOR

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

DATE OF COMPLETION \_\_\_\_\_

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

\* Must be accompanied by a cement verification report.

AS OF JULY1, 1993, MOBIL OIL CORPORATION IS THE OPERATOR OF THE RATHERFORD UNIT. ATTACHED ARE THE INDIVIDUAL WELLS.

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

SIGNED

*Shirley Todd*

TITLE

ENV. & REG TECHNICIAN

DATE

9-8-93

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

OCT 25 1993

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

DIVISION OF OIL, GAS & MINING

Well name and number: \_\_\_\_\_  
Field or Unit name: RATHERFORD UNIT API no. \_\_\_\_\_  
Well location: QQ \_\_\_\_\_ section \_\_\_\_\_ township \_\_\_\_\_ range \_\_\_\_\_ county \_\_\_\_\_  
Effective Date of Transfer: July 1, 1993

CURRENT OPERATOR

Transfer approved by:

Name Ed Hasely Company Phillips Petroleum Company  
Signature Ed Hasely Address 5525 HWY. 64  
Title Environmental Engineer Farmington, NM 87401  
Date October 22, 1993 Phone ( 505 ) 599-3460

Comments:

NEW OPERATOR

Transfer approved by:

Name Shirley Todd Company Mobil Exploration & Producing North America  
Signature Shirley Todd Address P O Box 633  
Title Env. & Reg. Technician Midland, TX 79702  
Date October 7, 1993 Phone ( 915 ) 688-2585

Comments:

(State use only)

Transfer approved by [Signature] Title UIC Manager  
Approval Date 10-27-93

BEFORE THE OIL AND GAS CONSERVATION COMMISSION OF THE STATE OF UTAH

|   |   |              |
|---|---|--------------|
| APPLICATION OF PHILLIPS PETROLEUM                                   | ) |              |
| COMPANY FOR THE APPROVAL OF THE                                     | ) |              |
| UNIT OPERATIONS AND PRESSURE MAINTENANCE PROGRAM FOR THE RATHERFORD | ) | CAUSE NO. 63 |
| UNIT IN THE GREATER ANETH AREA,                                     | ) |              |
| SAN JUAN COUNTY, UTAH   | ) |              |

ORDER

This Cause came on for hearing before the Oil and Gas Conservation Commission of the State of Utah at 10 o'clock a. m. on Wednesday, September 13, 1961, in the Crystal Room, Hotel Newhouse, Fourth South at Main Street, Salt Lake City, Utah, pursuant to notice duly and regularly given. The entire Commission, except Walter G. Mann, was present, Edward W. Clyde presiding. Appearances were made as follows: Cecil C. Hamilton, attorney, on behalf of Phillips Petroleum Company; Clair M. Senior, attorney, on behalf of Texaco, Inc.; Gordon Mayberry, attorney, on behalf of Continental Oil Company; R. R. Robison on behalf of Shell Oil Company. Others present included Carl Trawick, on behalf of United States Geological Survey; and J. R. White, on behalf of Texaco, Inc.

Evidence in support of the application was introduced by Phillips Petroleum Company, the applicant and Unit Operator of the Ratherford Unit, which embraces as the unit area the following described land in San Juan County, State of Utah, to wit:

TOWNSHIP 41 SOUTH, RANGE 23 EAST, SLRM

|             |     |                     |     |
|-------------|-----|---------------------|-----|
| Section 1:  | All | Sections 12 and 13: | All |
| Section 2:  | E/2 | Section 14:         | E/2 |
| Section 11: | E/2 | Section 24:         | All |

TOWNSHIP 41 SOUTH, RANGE 24 EAST, SLRM

|                       |                              |                         |                                      |
|-----------------------|------------------------------|-------------------------|--------------------------------------|
| Section 3:            | SW/4                         | Sections 15 through 21: | All                                  |
| Section 4:            | S/2                          | Section 22:             | NW/4 and E/2 of the SW/4             |
| Sections 5 through 9: | All                          | Section 23:             | NE/4 and E/2 of NE/4 and W/2 of SW/4 |
| Section 10:           | S/2 and NW/4 and W/2 of NE/4 | Section 29 and 30:      | All                                  |
| Section 11:           | S/2 of SW/4                  | Section 31:             | N/2                                  |
| Section 14:           | E/2                          | Section 32:             | E/2                                  |

R. R. Robison on behalf of Shell Oil Company stated that (as contemplated by paragraph No. 5 of the Commission's order of February 24, 1959, in Cause No. 17 authorizing the drilling of certain test wells) Shell would submit to the Commission, as arbiter, the question as between Shell and Superior Oil Company

of the monetary value, if any, to be attributed to three test wells drilled within the Rutherford Unit area pursuant to said order of February 24, 1959.

No objection to the granting of the application was filed or expressed. The Shell Oil Company, Texaco, Inc. and Continental Oil Company expressed their support of the application of Phillips Petroleum Company.

#### FINDINGS OF FACT

The Commission finds that:

1. The unitized operation of the Rutherford Unit Area will enable pressure maintenance operations to be initiated and permit such Area to be operated in a manner which will prevent waste, protect correlative rights and result in greater ultimate recovery of oil and gas.

2. The Rutherford Unit Agreement has been approved by the various signatory parties as fair, reasonable and acceptable.

3. The water injection pressure maintenance program proposed by the applicant appears to be proper and designed to result in the greatest economic recovery of oil and gas to the end that all concerned, including the general public, may realize and enjoy the greatest good from the oil and gas resources of the unitized lands.

#### ORDER

THEREFORE, IT IS ORDERED BY THE COMMISSION, and subject to its continuing jurisdiction, that:

1. Unit operation of the Rutherford Unit Area under the Rutherford Unit Agreement is approved.

2. The plan and program of water injection pressure maintenance operations proposed by applicant in its application filed herein should be and the same is hereby approved and the unit operator is authorized to proceed with and under such plan and program as soon as the Rutherford Unit Agreement becomes effective and operative.

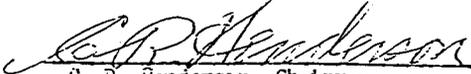
3. If, at any time or from time to time, it appears necessary or desirable to the unit operator to alter or modify the hereby approved plan of pressure maintenance, any such alteration or modification shall be submitted for

and shall be subject to approval by the Commission or its delegated representative, which approval may be given without notice or hearing, unless otherwise ordered or directed by the Commission.

Dated this 13th day of September, 1961.

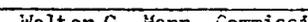
THE OIL AND GAS CONSERVATION  
COMMISSION OF THE STATE OF UTAH

  
Edward W. Clyde, Commissioner presiding

  
C. R. Henderson, Chairman

  
M. V. Hatch, Commissioner

  
C. S. Thomson, Commissioner

  
Walter G. Mann, Commissioner

SEP 14 1961

MONTHLY OIL AND GAS DISPOSITION REPORT

OPERATOR NAME AND ADDRESS:

*L.S. SHEFFIELD*  
~~BRIAN BERRY~~  
~~MEPNA MOBIL~~  
~~POB 219031 1807A RENTW~~ *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. fee*

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

**RECEIVED**

SEP 13 1993

DIVISION OF OIL, GAS & MINING

COMMENTS: *PLEASE NOTE ADDRESS CHANGE. MOBIL ~~ASU~~ 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: Lowell B Sheffield

Telephone Number: 303.565.2212  
~~244.458.2528~~

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.

*2.6. Ratherford Unit (GC)*

RECEIVED  
BLM

JUL 27 11:44

070 FARMINGTON, NM

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

ARES/543

JUL 23 1993

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

|                   |
|-------------------|
| MINERALS DIVISION |
| NO. 198           |
| DATE              |
| BY                |
| 3                 |
| 2                 |
| FILED             |
| ALL SUPPLY        |
| FILED             |

Dear Mr. Cox:

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

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

Sincerely,

ACTING Area Director

Enclosure

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF INDIAN AFFAIRS

DESIGNATION OF OPERATOR

RECEIVED  
BLM

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

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

070 FARMINGTON, NM

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<br>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<br>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<br>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<br>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<br>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<br>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<br>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<br>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<br>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<br>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<br>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<br>Oct. 27, 1953                   | 14.2819339                            |
| 13                  | W/2 Section 14, T-41-S, R-24-E, San Juan County, Utah  | 14-20-603-370<br>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<br>Dec. 10, 1953                   | 6.9924969                             |
| 15                  | NW/4 Sec. 28, T-41-S, R24-E San Juan County, Utah  | 14-20-603-409<br>Dec. 10, 1953                   | .9416393                              |
| 16                  | SE/4 Sec. 3, T-41-S, R-24-E San Juan County, Utah  | 14-20-0603-6504<br>July 11, 1961                 | .5750254                              |
| 17                  | NE/4 Sec. 3, T-41-S, R-24-E San Juan County, Utah  | 14-20-0603-6505<br>July 11, 1961                 | .5449292                              |
| 18                  | NW/4 Sec. 3, T-41-S, R-24-E San Juan County, Utah  | 14-20-0603-6506<br>July 11, 1961                 | .5482788                              |
| 19                  | NE/4 Sec. 4, T-41-S, R24-E San Juan County, Utah   | 14-20-0603-7171<br>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<br>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-S  |
| 2-DTS/S8-AH |
| 3-VLC       |
| 4-RJF       |
| 5-JPC       |
| 6-PL        |

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

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

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

|                                    |  |
|------------------------------------|--|
| TO (new operator) <u>M E P N A</u> | FROM (former operator) <u>PHILLIPS PETROLEUM COMPANY</u> |
| (address) <u>PO DRAWER G</u>       | (address) <u>5525 HWY 64 NBU 3004</u>                    |
| <u>CORTEZ, CO 81321</u>            | <u>FARMINGTON, NM 87401</u>                              |
| <u>GLEN COX (915)688-2114</u>      | <u>PAT KONKEL</u>  |
| 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: <b>**SEE ATTACHED**</b> | API: <u>43-037-16411</u> | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |
| Name: _____                   | API: _____               | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |
| Name: _____                   | API: _____               | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |
| Name: _____                   | API: _____               | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |
| Name: _____                   | API: _____               | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |
| Name: _____                   | API: _____               | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |
| Name: _____                   | API: _____               | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |

**OPERATOR CHANGE DOCUMENTATION**

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

ENTITY REVIEW

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

BOND VERIFICATION (Fee wells only)

- 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- 2. A copy of this form has been placed in the new and former operators' bond files.
- 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date 11-17 1993. If yes, division response was made by letter dated 11-17 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 11-17 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

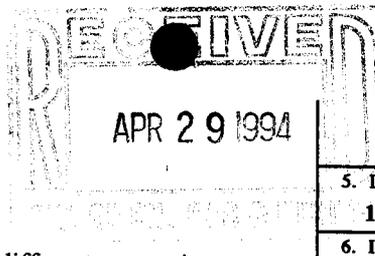
931006 BIA/Btm Approved 7-9-93.

|                   |                         |                           |                                |                                       |
|-------------------|-------------------------|---------------------------|--------------------------------|---------------------------------------|
| ✓ 12W-44          | 43-037-16405            | 14-20-603-246A            | SEC. 12, T41S, R23E            | SE/SE 660 FSL; 660 FEL                |
| ✓ 12W-44A         | 43-037-31543            | 14-20-603-246A            | SEC. 12, T41S, R23E            | SE/SE 807 FEL; 772 FSL                |
| ✓ 13-11W          | 43-037-31152            | 14-20-603-247A            | SEC. 13, T41S, R23E            | NW/NW 500 FNL; 660 FWL                |
| ✓ 13-12           | 43-037-31127            | 14-20-603-247A            | SEC. 13, T41S, R23E            | SW/NW 1705 FNL; 640 FWL               |
| ✓ 13W-13          | 43-037-15851            | 14-20-603-247A            | SEC. 13, T41S, R23E            | NW/SW 1980 FSL; 4620 FEL              |
| ✓ 13-14           | 43-037-31589            | 14-20-603-247A            | SEC. 13, T41S, R23E            | 660 FSL; 660 FWL                      |
| ✓ 13-21           | 43-037-31128            | 14-20-603-247A            | SEC. 13, T41S, R23E            | NE/NW 660 FNL; 1920 FWL               |
| ✓ 13W-22          | 43-037-15852            | 14-20-603-247A            | SEC. 13, T41S, R23E            | SE/NW 1988 FNL; 3300 FEL              |
| ✓ 13-23           | 43-037-31129            | 14-20-603-247A            | SEC. 13, T41S, R23E            | NE/SW 1980 FSL; 1930 FWL              |
| <del>13W-44</del> | <del>43-037-15853</del> | <del>14-20-603-247</del>  | <del>SEC. 13, T41S, R23E</del> | <del>660 FSL; 3300 FEL</del>          |
| ✓ 13W-32          | 43-037-16406            | 14-20-603-247A            | SEC. 13, T41S, R23E            | 1881 FNL; 1979 FEL                    |
| ✓ 13W-33          | 43-037-15855            | 14-20-603-247A            | SEC. 13, T41S, R23E            | NW/SE 1970 FSL; 1979 FEL              |
| ✓ 13W-34          | 43-037-31130            | 14-20-603-247A            | SEC. 13, T41S, R23E            | SW/SE 660 FSL; 1980 FEL               |
| ✓ 13-41           | 43-037-15856            | 14-20-603-247A            | SEC. 13, T41S, R23E            | NE/NE 660 FNL; 660 FEL                |
| ✓ 13W-42          | 43-037-15857            | 14-20-603-247A            | SEC. 13, T41S, R23E            | SE/NE 2139; 585 FEL                   |
| ✓ 13-43           | 43-037-31131            | 14-20-603-247A            | SEC. 13, T41S, R23E            | NE/SE 1700 FSL; 960 FEL               |
| ✓ 13W-44          | 43-037-16407            | 14-20-603-247A            | SEC. 13, T41S, R23E            | SE/SE 635 FSL; 659 FEL                |
| <del>14-02</del>  | <del>NA</del>           | <del>14-20-603-4037</del> | <del>SEC. 11, T41S, R23E</del> | <del>SW/SW 660 FSL; 660 FEL</del>     |
| ✓ 14-32           | 43-037-15858            | 14-20-603-247A            | SEC. 14, T41S, R23E            | 2130 FNL; 1830 FEL                    |
| ✓ 14-41           | 43-037-31623            | 14-20-603-247A            | SEC. 14, T41S, R23E            | NE/NE 521 FEL; 810 FNL                |
| ✓ 14W-42          | 43-037-15860            | 14-20-603-247A            | SEC. 14, T41S, R23E            | SE/NE 1976 FNL; 653 FEL               |
| ✓ 14W-43          | 43-037-16410            | 14-20-603-247A            | SEC. 14, T41S, R23E            | 3300 FSL; 4770 FEL                    |
| ✓ 14-33           | 43-037-15859            | 14-20-603-247             | SEC. 14, T41S, R23E            | 2130 FSL; 1830 FEL                    |
| ✓ 15-12           | 43-037-15715            | 14-20-603-355             | SEC. 15, T41S, R24E            | 1820 FNL; 500 FWL                     |
| ✓ 15W-21          | 43-037-16411            | 14-20-603-355             | SEC. 15, T41S, R24E            | 660 FNL; 1820 FWL                     |
| ✓ 15-22           | 43-037-30449            | 14-20-603-355             | SEC. 15, T41S, R24E            | SE/NW, 1980 FNL; 2050 FWL             |
| ✓ 15-32           | 43-037-15717            | 14-20-603-355A            | SEC. 15, T41S, R24E            | 1980 FNL; 1980 FEL                    |
| ✓ 15-33           | 43-037-15718            | 14-20-603-355             | SEC. 15, T41S, R24E            | NW/SE 1650 FSL; 1980 FEL              |
| ✓ 15-41           | 43-037-15719            | 14-20-603-355             | SEC. 15, T41S, R24E            | 660 FNL; 660' FEL                     |
| ✓ 15-42           | 43-037-30448            | 14-20-603-355             | SEC. 15, T41S, R24E            | SE/NE 2020 FNL; 820 FEL               |
| ✓ 16W-12          | 43-037-15720            | 14-20-603-355             | SEC. 16, T41S, R24E            | SW/NW 1880 FNL; 660 FWL               |
| ✓ 16-13           | 43-037-31168            | 14-20-603-355             | SEC. 16, T41S, R24E            | 1980 FSL; 660 FWL                     |
| ✓ 16W-14          | 43-037-15721            | 14-20-603-355             | SEC. 16, T41S, R24E            | SW/SW 660 FSL; 660 FWL                |
| ✓ 16W-21          | 43-037-16414            | 14-20-603-355             | SEC. 16, T41S, R24E            | NE/NW 660 FNL; 1880 FWL               |
| ✓ 16W-23          | 43-037-15722            | 14-20-603-355             | SEC. 16, T41S, R24E            | NE/SW 1980 FSL; 1980 FWL              |
| ✓ 16-32           | 43-037-15723            | 14-20-603-355             | SEC. 16, T41S, R24E            | 1980 FNL; 1980' FEL                   |
| ✓ 16-34           | 43-037-15724            | 14-20-603-355             | SEC. 16, T41S, R24E            | 660 FNL; 1980' FEL                    |
| ✓ 16-41           | 43-037-15725            | 14-20-603-355             | SEC. 16, T41S, R24E            | 660 FNL; 660 FEL                      |
| ✓ 16W-43          | 43-037-16415            | 14-20-603-355             | SEC. 16, T41S, R24E            | NE/SE 2140 FSL; 820 FEL               |
| ✓ 17-11           | 43-037-31169            | 14-20-603-353             | SEC. 17, T41S, R24E            | NW/NW 1075' FNL; 800' FWL             |
| ✓ 17W-12          | 43-037-15726            | 14-20-603-353             | SEC. 17, T41S, R24E            | SW/NW 1980' FNL; 510' FWL             |
| ✓ 17-13           | 43-037-31133            | 14-20-603-353             | SEC. 17, T41S, R24E            | NW/SW 2100' FSL; 660' FWL             |
| ✓ 17W-14          | 43-037-15727            | 14-20-603-353             | SEC. 17, T41S, R24E            | SW/SW 660' FSL; 660' FWL              |
| ✓ 17W-21          | 43-037-16416            | 14-20-603-353             | SEC. 17, T41S, R24E            | 510' FNL; 1830' FWL                   |
| ✓ 17-22           | 43-037-31170            | 14-20-603-353             | SEC. 17, T41S, R24E            | 1980' FNL; 1980' FWL                  |
| ✓ 17W-23          | 43-037-15728            | 14-20-603-353             | SEC. 17, T41S, R24E            | NE/SW 1980' FWL; 1880' FSL            |
| ✓ 17-31           | 43-037-31178            | 14-20-603-353             | SEC. 17, T41S, R24E            | NW/NE 500' FNL; 1980' FEL             |
| ✓ 17-32W          | 43-037-15729            | 14-20-603-353             | SEC. 17, T41S, R24E            | SW/NE 1830' FNL; 2030' FEL            |
| ✓ 17-33           | 43-037-31134            | 14-20-603-353             | SEC. 17, T41S, R24E            | NW/SE 1980' FSL; 1845' FEL            |
| ✓ 17-34W          | 43-037-15730            | 14-20-603-353             | SEC. 17, T41S, R24E            | SW/SE 560' FSL; 1880' FEL             |
| ✓ 17W-41          | 43-037-15731            | 14-20-603-353             | SEC. 17, T41S, R24E            | 610' FNL; 510' FEL                    |
| ✓ 17-42           | 43-037-31177            | 14-20-603-353             | SEC. 17, T41S, R24E            | SE/NE 1980; FNL, 660' FEL             |
| ✓ 17-44           | 43-037-15732            | 14-20-603-353             | SEC. 17, T41S, R24E            | 660 FSL; 660' FEL                     |
| ✓ 17W-43          | 43-037-16417            | 14-20-603-353             | SEC. 17, T41S, R24E            | NE/SE 1980' FSL; 660' FEL             |
| ✓ 18-11           | 43-037-15733            | 14-20-603-353             | SEC. 18, T41S, R24E            | NW/NW 720' FNL; 730' FWL              |
| ✓ 18-12W          | 43-037-31153            | 14-20-603-353             | SEC. 18, T41S, R24E            | SW/NW 1980' FNL; 560' FWL             |
| ✓ 18W-21          | 43-037-16418            | 14-20-603-353             | SEC. 18, T41S, R24E            | NE/NW 660' FNL; 1882' FWL             |
| ✓ 18-22           | 43-037-31236            | 14-20-603-353             | SEC. 18, T41S, R24E            | SW/NW 2200' FNL; 2210' FWL            |
| ✓ 18W-23          | 43-037-30244            | 14-20-603-353             | SEC. 18, T41S, R24E            | NE/SW 2385' FSL; 2040' FWL            |
| ✓ 18W-14          | 43-037-15735            | 14-20-603-353             | SEC. 18, T41S, R24E            | SW/SW 810' FSL; 600' FWL              |
| ✓ 18-24           | 43-037-31079            | 14-20-603-353             | SEC. 18, T41S, R24E            | SE/SW 760' FSL; 1980' FWL             |
| ✓ 18-31           | 43-037-31181            | 14-20-603-353             | SEC. 18, T41S, R24E            | NW/NE 795' FNL; 2090; FEL             |
| <del>18W-32</del> | <del>43-037-15736</del> | <del>14-20-603-353</del>  | <del>SEC. 18, T41S, R24E</del> | <del>SW/NE 2140' FNL, 1830' FEL</del> |
| ✓ 18-33           | 43-037-31135            | 14-20-603-353             | SEC. 18, T41S, R24E            | NW/SE 1870' FSL; 1980' FEL            |
| ✓ 18-34W          | 43-037-15737            | 14-20-603-353             | SEC. 18, T41S, R24E            | SW/SE 780' FSL; 1860 FEL              |
| ✓ 18W-41          | 43-037-15738            | 14-20-603-353             | SEC. 18, T41S, R24E            | NE/NE 660' FNL; 660' FEL              |
| ✓ 18-42           | 43-037-31182            | 14-20-603-353             | SEC. 18, T41S, R24E            | SE/NE 2120' FNL; 745' FEL             |
| ✓ 18W-43          | 43-037-16419            | 14-20-603-353             | SEC. 18, T41S, R24E            | NE/SE 1980' FSL; 660' FEL             |
| ✓ 18-44           | 43-037-31045            | 14-20-603-353             | SEC. 18, T41S, R24E            | SE/SE 660' FSL; 660' FEL              |
| ✓ 19-11           | 43-037-31080            | 14-20-603-353             | SEC. 19, T41S, R24E            | NW/NW 660' FNL; 660' FWL              |
| ✓ 19-12           | 43-037-15739            | 14-20-603-353             | SEC. 19, T41S, R24E            | 600' FWL; 1980' FNL                   |
| ✓ 19-14           | 43-037-15740            | 14-20-603-353             | SEC. 19, T41S, R24E            | 600' FSL; 660' FEL                    |

PA'd

PA'd

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



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

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.

14-20-603-355

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

RATHERFORD UNIT

8. Well Name and No.

RATHERFORD UNIT 15W-21

9. API Well No.

43-037-16411

10. Field and Pool, or exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN,

UT

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

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

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

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

04/11/94 MIRU. UNSEAT PACKER @ 5451' AND LD 1 JT 2-7/8" PLASTIC LINED TBG. RAISE PKR & SET AT 5420'. PRESS TST ANNULUS @1000 PSI FOR 30 MIN. BLEED PRESS OFF ANNULUS, BEGIN INJECTING WATER.  
04/13/94 RDMO.

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

Signed Shelby J. Dada

Title ENV. & REG. TECHNICIAN

Date 04/19/94

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

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 RJ 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).

STATE OF UTAH  
INVENTORY OF INJECTION WELLS

| OPERATOR      | API NO.      | WELL         | TNS | RGE | SE | WELLTYPE | INDIAN COUNT |
|---------------|--------------|--------------|-----|-----|----|----------|--------------|
| *****         | *****        | *****        | *** | *** | ** | *****    | *****        |
| ✓MEPNA (MOBIL | 43-037-15506 | L-21         | 41S | 25E | 18 | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-16358 | K-24         | 41S | 25E | 18 | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-30400 | K-22X        | 41S | 25E | 18 | INJI     | Y            |
| ✓MEPNA (MOBIL | 43-037-15499 | J-21         | 41S | 25E | 18 | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-15508 | L-25         | 41S | 25E | 19 | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-15839 | 1W24         | 41S | 23E | 1  | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-15838 | 1W13         | 41S | 23E | 1  | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-16386 | 2W44         | 41S | 23E | 2  | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-15842 | 11W44        | 41S | 23E | 11 | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-15841 | 11W42        | 41S | 23E | 11 | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-15848 | 12W33        | 41S | 23E | 12 | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-15850 | 12W42        | 41S | 23E | 12 | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-15847 | 12W31        | 41S | 23E | 12 | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-16404 | 12W13        | 41S | 23E | 12 | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-15845 | 12W22        | 41S | 23E | 12 | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-15843 | 12W11        | 41S | 23E | 12 | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-31151 | 12W24        | 41S | 23E | 12 | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-31543 | RATERFORD 12 | 41S | 23E | 12 | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-15854 | 13W31        | 41S | 23E | 13 | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-15851 | 13W13        | 41S | 23E | 13 | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-15857 | 13W42        | 41S | 23E | 13 | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-16407 | 13W44        | 41S | 23E | 13 | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-15855 | 13W33        | 41S | 23E | 13 | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-31152 | 13W11        | 41S | 23E | 13 | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-15852 | 13W22        | 41S | 23E | 13 | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-15853 | 13W24        | 41S | 23E | 13 | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-16410 | 14W43        | 41S | 23E | 14 | INJI     | Y            |
| ✓MEPNA (MOBIL | 43-037-15860 | 14W43        | 41S | 23E | 14 | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-15863 | 24W42        | 41S | 23E | 24 | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-15862 | 24W31        | 41S | 23E | 24 | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-15984 | 6W14         | 41S | 24E | 6  | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-15988 | 7W32         | 41S | 24E | 7  | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-15990 | 7W41         | 41S | 24E | 7  | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-16394 | 7W21         | 41S | 24E | 7  | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-15985 | 7W12         | 41S | 24E | 7  | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-15989 | 7W34         | 41S | 24E | 7  | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-15986 | 7W14         | 41S | 24E | 7  | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-15987 | 7W23         | 41S | 24E | 7  | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-16395 | 7W43         | 41S | 24E | 7  | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-16396 | 8W43         | 41S | 24E | 8  | INJI     | Y            |
| ✓MEPNA (MOBIL | 43-037-15992 | 8W14         | 41S | 24E | 8  | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-16398 | 9W23         | 41S | 24E | 9  | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-16400 | 9W43         | 41S | 24E | 9  | INJI     | Y            |
| ✓MEPNA (MOBIL | 43-037-16397 | 9W21         | 41S | 24E | 9  | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-16402 | 10W23        | 41S | 24E | 10 | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-16401 | 10W21        | 41S | 24E | 10 | INJI     | Y            |
| ✓MEPNA (MOBIL | 43-037-16403 | 10W43        | 41S | 24E | 10 | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-16413 | 15W43        | 41S | 24E | 15 | INJI     | Y            |
| ✓MEPNA (MOBIL | 43-037-16411 | 15W21        | 41S | 24E | 15 | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-16412 | 15W23        | 41S | 24E | 15 | INJI     | Y            |
| ✓MEPNA (MOBIL | 43-037-16415 | 16W43        | 41S | 24E | 16 | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-15720 | 16W12        | 41S | 24E | 16 | INJW     | Y            |
| ✓MEPNA (MOBIL | 43-037-15721 | 16W14        | 41S | 24E | 16 | INJW     | Y            |

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

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

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

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

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

|  |   |
|--|---|
| TO (new operator) <u>MOBIL EXPLOR &amp; PROD</u> | FROM (former operator) <u>M E P N A</u> |
| (address) <u>C/O MOBIL OIL CORP</u>              | (address) <u>C/O MOBIL OIL CORP</u>     |
| <u>PO DRAWER G</u>                               | <u>PO DRAWER G</u>                      |
| <u>CORTEZ CO 81321</u>                           | <u>CORTEZ CO 81321</u>                  |
| phone <u>(303) 564-5212</u>                      | phone <u>(303) 564-5212</u>             |
| account no. <u>N7370</u>                         | account no. <u>N7370</u>                |

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

|                                 |                       |               |           |           |           |                   |
|---------------------------------|-----------------------|---------------|-----------|-----------|-----------|-------------------|
| Name: <u>** SEE ATTACHED **</u> | API: <u>037-16411</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.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (8-3-95)
- See 6. Cardex file has been updated for each well listed above. 8-21-95
- See 7. Well file labels have been updated for each well listed above. 9-28-95
- See 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)
- 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**

- 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) 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 4 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!*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well  Gas Well  Other

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

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

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

**SEC. 15, T41S, R24E**  
**660' FNL & 1820' FWL**

5. Lease Designation and Serial No.

**14-20-603-355**

6. If Indian, Allottee or Tribe Name

**NAVAJO TRIBAL**

7. If Unit or CA, Agreement Designation

**RATHERFORD UNIT**

8. Well Name and No.

**RATHERFORD 15-W-21**

9. API Well No.

**43-037-16411**

10. Field and Pool, or exploratory Area

**GREATER ANETH**

11. County or Parish, State

**SAN JUAN UT**

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

TYPE OF SUBMISSION

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

TYPE OF ACTION

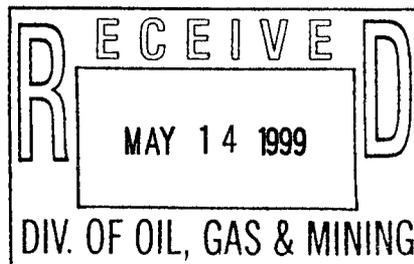
Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other **MIT CHART**

Change of Plans  
 New Construction  
 Non-Routine Fracturing  
 Water Shut-Off  
 Conversion to Injection  
 Dispose Water

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

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

SEE ATTACHED CHART.



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

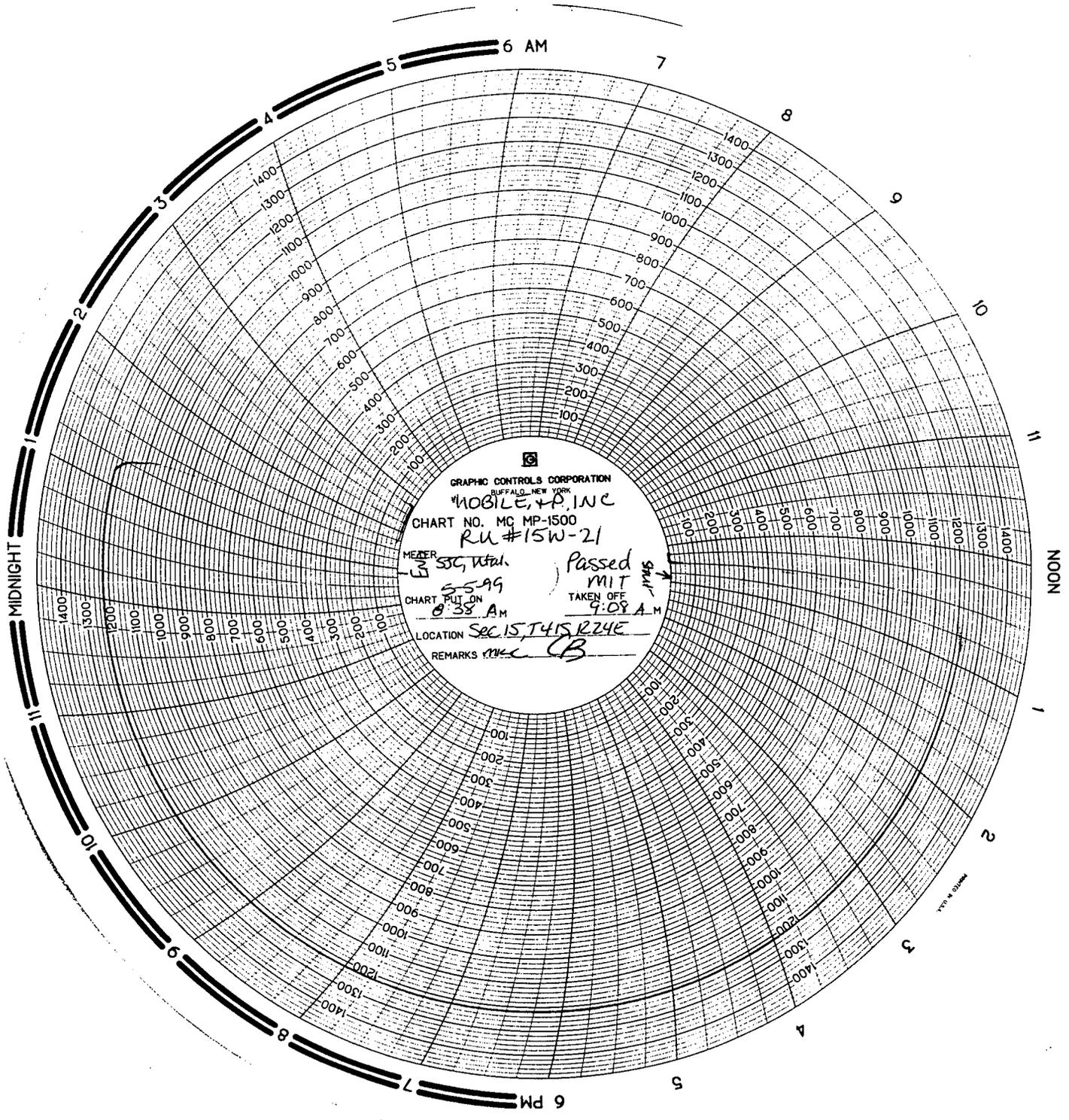
Signature *Shirley Houchins* Title **SHIRLEY HOUCHINS/ENV & REG TECH** Date **5-12-99**

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any: \_\_\_\_\_

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

\* See instruction on Reverse Side



GRAPHIC CONTROLS CORPORATION  
BUFFALO, NEW YORK  
MOBILE, T.P. INC  
CHART NO. MC MP-1500  
RU #15W-21  
MEASURER: STC, WPA  
CHART PUT ON: 8:38 AM  
LOCATION: Sec 15, T45 R24E  
REMARKS: CB  
Status: Passed  
TAKEN OFF: 9:08 AM

TYPE 'B' 504248

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well  
 Oil Well     Gas Well     Other **INJECTOR**

2. Name of Operator  
**Mobil Expl&Prod., NA Inc**

3a. Address **P.O. Box 4358**  
**WGR, Rm. 310 Houston TX 77210-4358**

3b. Phone No. (include area code)  
**(713) 431-1012**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**660' FNL & 1820' FWL, Sec. 15, T41S R24E**

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

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

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

8. Well Name and No.  
**Ratherford Unit 15W21**

9. API Well No.  
**43-037-16411**

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

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

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

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

**Mobil Exploration & Producing US Inc., as agent for Mobil Texas & New Mexico Inc. and Mobil Exploration & Producing North America Inc.**

**Request authorization to TA. Procedure is attached.**

**RECEIVED**

MAY 03 2001

DIVISION OF  
OIL, GAS AND MINING

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

|   |   |
|---|---|
| Name (Printed/Typed)<br><b>Alex M. Correa</b> | Title<br><b>Sr. Regulatory Specialist</b> |
| Signature<br><i>Alex Correa</i> (4390)        | Date<br><b>05/02/2001</b>                 |

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

(Instructions on Reverse)

RU # 15W-21

- 1.) MIRU WSU. Bleed well down.
- 2.) ND WH. RU BOP
- 3.) Kill well. POOH w/ inj tbg and pkr.
- 4.) RIH set CIBP @ 5,413' and test
- 5.) PU one jt. Change out kill weight fluid to inhibited fresh water
- 6.) Test csg to 1,100#. Monitor
- 7.) POOH w/tbg. SI Well. Perform MIT
- 8.) ND BOP. NU WH. RDMO

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

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

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

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

8. Well Name and No.  
**Ratherford Unit 15W21**

9. API Well No.  
**43-037-16411**

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

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well  
 Oil Well     Gas Well     Other **INJECTOR**

2. Name of Operator  
**Mobil Expl&Prod., NA Inc**

3a. Address **P.O. Box 4358**  
**WGR, Rm. 310 Houston TX 77210-4358**

3b. Phone No. (include area code)  
**(713) 431-1012**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**660' FNL & 1820' FWL, Sec. 15, T41S R24E**

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

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

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

**Mobil Exploration & Producing US Inc., as agent for Mobil Texas & New Mexico Inc. and Mobil Exploration & Producing North America Inc.**

Request authorization to TA. Procedure is attached.

Well will be retained for potential future injection.

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Date: 7/20/01

By: Doubk Bent

145 EXT 9/1/2002

Federal Approval Of This  
Action Is Necessary

COPY SENT TO OPERATOR  
DATE: 8-30-01  
BY: CHD

RECEIVED

MAY 23 2001

DIVISION OF  
OIL, GAS AND MINING

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

|   |   |
|---|---|
| Name (Printed/Typed)<br><b>Alex M. Correa</b> | Title<br><b>Sr. Regulatory Specialist</b> |
| Signature<br><u>Alex Correa (4536)</u>        | Date<br><b>05/19/2001</b>                 |

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

(Instructions on Reverse)



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Farmington Field Office  
1235 La Plata Highway  
Farmington, New Mexico 87401

MAY 11 2001

IN REPLY REFER TO:

14-20-603-355 et al. (WC)  
3162.3-2 (7100)

Mr Alex M. Correa  
Mobil Oil Corp.  
%Exxon-Mobil  
PO Box 4358  
Houston, TX 77210-4358

RECEIVED

MAY 11 2001

DIVISION OF  
OIL, GAS AND MINING

Dear Mr Correa:

Reference is made to the following wells located in the Rutherford Unit, T. 41 S., R. 24 E., San Juan County, Utah:

- 1) No. 15W21, 660' FNL & 1820' FWL sec. 15, Lease 14-20-603-355.
- 2) No. 10W43, 1980' FSL & 550' FEL sec. 10, Lease 14-20-603-4037.
- 3) No. 10W23, 1980' FSL & 1980' FWL sec. 10, Lease 14-20-603-4043.

Also referenced are your Sundry Notices dated May 2, 2001, which requested approval to temporarily abandon the subject wells. You are required to submit your justifications as to why these wells will remain in an inactive status instead of being plugged or returned to injection. You are required to submit these justifications by July 1, 2001.

Failure to comply within the time above may result in an assessment in accordance with 43 CFR 3163.1.

Under provisions of 43 CFR 3165.3, you may request an Administrative Review of the orders described above. Such request, including all supporting documents, must be filed in writing within 20 business days of receipt of this notice and must be filed with the State Director, Bureau of Land Management (NM-93000), P. O. Box 27115, Santa Fe, New Mexico 87502-0115. Such requests shall not result in a suspension of the order(s) unless the reviewing official so determines. Procedures governing appeals from instructions, orders or decisions are contained in 43 CFR 3165.4 and 43 CFR 4.400 et seq.

If you have any questions please contact Stephen Mason with this office at (505) 599-6364.

Sincerely,

Stephen Mason  
Petroleum Engineer, Petroleum Management Team

cc:

BIA, Window Rock; Navajo Nation Minerals Dept.; EPA

Division of Oil, Gas and Mining  
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

|   |   |                                      |
|---|---|--------------------------------------|
| <input checked="" type="checkbox"/> Well File _____ | <input type="checkbox"/> Suspense _____ | <input type="checkbox"/> Other _____ |
| <u>Rutherford Unit Wells</u>                        | (Return Date) _____                     | _____                                |
| (Loc.) Sec _____ Twp _____ Rng. _____               | (To-Initials) _____                     | _____                                |
| (API No.) _____                                     | _____                                   | _____                                |

1. Date of Phone Call: \_\_\_\_\_ Time: \_\_\_\_\_

2. DOGM Employee (name) DUSTIN DOUCET ( Initiated Call)  
Talked to:  
Name Steve Mason ( Initiated Call) - Phone No. (505) 599-6364  
of (Company/Organization) BLM - Farmington

3. Topic of Conversation: SI/TA Extension - is it justified where do the BLM stand?

4. Highlights of Conversation: Called Steve 7/19/01 15:45 left message Steve returned call 7/20/01 @ 10:30. He has approved the SI/TA's. Said it is a small percentage of SI's in area (~~over~~ 23 of over 300 in area). They are making progress on plugging SI wells in area. It is taking a while to put SI's on Injection waiting on results etc. Adequate info has been provided to BLM according to Steve.

**ExxonMobil Production Company**  
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

JUN 29 2001

DIVISION OF  
OIL, GAS AND MINING



IN REPLY REFER TO:

# United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

XXXXXXXXXXXXXXXXXXXX  
Navajo Area Office  
NAVAJO REGION

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

AUG 30 2001

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,

GENIA 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>DB/M</i> |
| NATV ADMIN 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

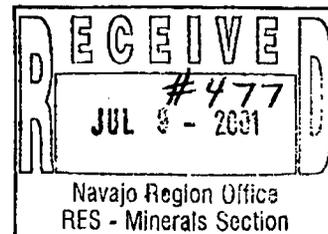
*AS 7/12/2001*  
*SN*  
*543*  
*File*

June 27, 2001

**ExxonMobil**  
*Production*

Certified Mail  
Return Receipt Requested

Ms. Genni Denetson  
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. Denetson:

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.

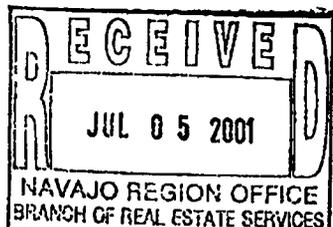
If you have any questions, please contact Alex Correa at (713) 431-1012.

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.

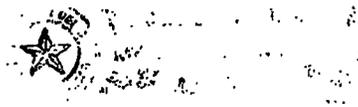
WITNESS, my hand and the seal of the Corporation at Irving, Texas, this 8th day of June, 2001.

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 77027-3337  
Houston, TX 77027-4600 • Fax: (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 12<sup>th</sup> of June, 2001.**

**ExxonMobil Oil Corporation**

By:



**FEDERAL INSURANCE COMPANY**

By:



**Mary Pierson, Attorney-in-fact**



**Chubb  
Surety**

**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 by like authority; 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 Robert A. Price in the presence of the Notary Public.



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

Robert A. 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 09:06 NO.133 03/04

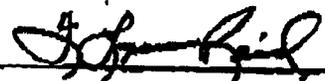
FOURTH: That the amendments to the Certificate of Incorporation were authorized by the Board of Directors followed by the holder of all outstanding shares entitled to vote on amendments to the Certificate of Incorporation by written consent of the sole shareholder dated May 22, 2001.

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

  
\_\_\_\_\_  
F. A. Risch, President 

STATE OF TEXAS       )  
COUNTY OF DALLAS   )

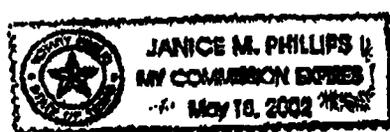
F. L. REID, being duly sworn, deposes and says that he is the Secretary of MOBIL OIL CORPORATION, the corporation mentioned and described in the foregoing instrument; that he has read and signed the same and that the statements contained therein are true.

  
\_\_\_\_\_  
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 09:06 NO.157 04/04  
**F010601000187**

**CSC 45**

**CERTIFICATE OF AMENDMENT**

**OF**

**MOBIL OIL CORPORATION**

**Under Section 805 of the Business Corporation Law**

*SAC*

**STATE OF NEW YORK  
DEPARTMENT OF STATE**

*100 cc*

Filed by: EXXONMOBIL CORPORATION  
(Name)

FILED JUN 01 2001

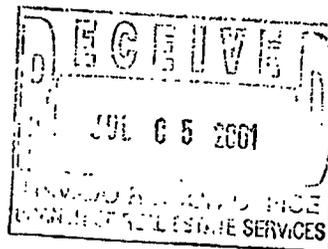
5959 Las Colinas Blvd.  
(Mailing address)

TAX \$ \_\_\_\_\_  
BY: *SAC*

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

*ny Albany*

*Cust 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**



*Special Deputy Secretary of State*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

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

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

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

8. Well Name and No.  
**Ratherford Unit 15W21**

9. API Well No.  
**43-037-16411**

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

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well  
 Oil Well     Gas Well     Other **INJECTOR**

2. Name of Operator  
**Mobil Expl&Prod., NA Inc**

3a. Address **P.O. Box 4358**  
**WGR, Rm. 310 Houston TX 77210-4358**

3b. Phone No. (include area code)  
**(713) 431-1010**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**660' FNL & 1820' FWL, Sec. 15, T41S R24E**

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

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

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

**Exxon Mobil Oil Corporation request authorization to TA.**

**TA procedure submitted on initial request dated 5/19/01 and approved by Steven Mason remains unchanged.**

**Due to critical work being performed on injectors and rig constraints we have been unable to perform TA.**

**Well will be retained for potential future injection.**

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

**RECEIVED**  
DEC 14 2001  
DIVISION OF  
OIL, GAS AND MINING

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

Name (Printed/Typed) **Joel O. Talavera** Title **Regulatory Specialist**

Signature *Joel O. Talavera* (6294) Date **12/13/2001**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

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

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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**NAVAJO TRIBAL**

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**GREATER ANETH**

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

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well  
 Oil Well     Gas Well     Other **INJECTOR**

2. Name of Operator  
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3b. Phone No. (include area code)  
**(713) 431-1010**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**660' FNL & 1820' FWL, Sec. 15, T41S R24E**

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

| TYPE OF SUBMISSION                                   | TYPE OF ACTION                                |   |  |   |
|--|---|---|--|---|
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| <input type="checkbox"/> Subsequent Report           | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity                       |
| <input type="checkbox"/> Final Abandonment Notice    | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other <b>TA Extension</b> |
|  | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |   |
|  | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |   |

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

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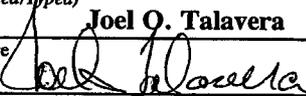
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**Due to critical work being performed on injectors and rig constraints we have been unable to perform TA.**

**Well will be retained for potential future injection.**

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

Name (Printed/Typed) **Joel O. Talavera** Title **Regulatory Specialist**

Signature  (6294) Date **12/13/2001**

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

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

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

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*(Instructions on Reverse)*

**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**

|                                |                                |
|--------------------------------|--------------------------------|
| <b>FROM:</b> (Old Operator):   | <b>TO:</b> ( 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)**

| NAME                           | SEC TWN<br>RNG | API NO       | ENTITY<br>NO | LEASE<br>TYPE | WELL<br>TYPE | WELL<br>STATUS |
|--------------------------------|----------------|--------------|--------------|---------------|--------------|----------------|
| RATHERFORD 14-W-42             | 14-41S-23E     | 43-037-15860 | 6280         | INDIAN        | WI           | A              |
| RATHERFORD UNIT 14-31          | 14-41S-23E     | 43-037-31717 | 6280         | INDIAN        | WI           | A              |
| 24-31                          | 24-41S-23E     | 43-037-15862 | 6280         | INDIAN        | WI           | A              |
| 24-42                          | 24-41S-23E     | 43-037-15863 | 6280         | INDIAN        | WI           | A              |
| 6-14                           | 06-41S-24E     | 43-037-15984 | 6280         | INDIAN        | WI           | A              |
| 7-12                           | 07-41S-24E     | 43-037-15985 | 6280         | INDIAN        | WI           | A              |
| 7-14                           | 07-41S-24E     | 43-037-15986 | 6280         | INDIAN        | WI           | A              |
| 7-34                           | 07-41S-24E     | 43-037-15989 | 6280         | INDIAN        | WI           | A              |
| NAVAJO B41-7 (RATHERFORD 7-41) | 07-41S-24E     | 43-037-15990 | 99990        | INDIAN        | WI           | A              |
| 8-14                           | 08-41S-24E     | 43-037-15992 | 6280         | INDIAN        | WI           | A              |
| RATHERFORD 8W43                | 08-41S-24E     | 43-037-16396 | 99996        | INDIAN        | WI           | A              |
| NAVAJO B-5 (RATHERFORD 9-43)   | 09-41S-24E     | 43-037-16400 | 99990        | INDIAN        | WI           | I              |
| NAVAJO B-6 (RATHERFORD 10W21)  | 10-41S-24E     | 43-037-16401 | 99990        | INDIAN        | WI           | I              |
| NAVAJO B-2 (RATHERFORD 10W23)  | 10-41S-24E     | 43-037-16402 | 99990        | INDIAN        | WI           | I              |
| NAVAJO W-2 (RATHERFORD 10W43)  | 10-41S-24E     | 43-037-16403 | 99990        | INDIAN        | WI           | I              |
| NAVAJO A-11 (RATHERFORD 15W21) | 15-41S-24E     | 43-037-16411 | 99990        | INDIAN        | WI           | I              |
| NAVAJO A-19 (RATHERFORD 15W23) | 15-41S-24E     | 43-037-16412 | 99990        | INDIAN        | WI           | I              |
| NAVAJO A-24 (RATHERFORD 15W43) | 15-41S-24E     | 43-037-16413 | 99990        | INDIAN        | WI           | I              |
| 16-12                          | 16-41S-24E     | 43-037-15720 | 6280         | INDIAN        | WI           | A              |
| 16-14                          | 16-41S-24E     | 43-037-15721 | 6280         | INDIAN        | WI           | A              |

**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 Communization 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

**NOTE: EPA ISSUES UIC PERMIT**

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 04/10/2002
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 04/10/2002
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:**

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Permit  
APR 27 2005

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

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

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well  
 Oil Well     Gas Well     Other **Injection**

2. Name of Operator  
**ExxonMobil Oil Corporation**

3a. Address **P.O. Box 4358**  
**Houston TX 77210-4358**

3b. Phone No. (include area code)  
**(281) 654-1936**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**NENW 0660' FNL & 1820' FWL**  
**Sec 15 T41S R24E**

5. Lease Serial No.  
**14-20-603-355**                      **UTU68931A**

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

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

8. Well Name and No.  
**Ratherford Unit**                      **15W21**

9. API Well No.  
**43-037-16411**

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

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

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

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

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

3-30-05 MIRU WSU Key Rig #61. Spot equipment & RU hardlines. Bled well down had 30 #, well dead, ND tree, NUBOP, test BOP, test good. POOH w/ 58 jts. PU bit and scraper, RIH to 1503'. POOH LD 30 jts cement lined, SION.

3-31-05 Well dead, POOH LD 28 jts, and bit and scraper, swap trailer. PU 174 jts 2 7/8 WS. Tagged CIBP at 5379', circ 130 bbls fresh water. Test casing to 1000# for 30 mins, held good. SION.

4-01-05 Fill out excavation permit, dug pit. MIRU BJ Service, held Safety meeting. Test lines to 3000#, test good. Pump 5 bbls ahead to establish rate, pump 29 bbls class H, 15.8#, 1.15 yld, 143 sx. POOH LD 127 jts, MIRU WL, held safety mtg, test lubricator and BOP. RIH tagged cmt at 4201'. Pull back up to 1503', perf 8 spf, POOH w/ WL. Close blind ram, RU BJ pump to establish rate, pump 22 bbls at 210# 3 BPM. Circ to surface. RU BJ and WL. PU RIH w/ CICR set at 1465'. SION.

**Approved as to plugging of the well bore.  
Liability under bond is retained until  
surface restoration is completed.**

**SEE ATTACHMENT FOR ADDITIONAL REMARKS**

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed) **Tiffany A. Stebbins**                      Title **Staff Office Assistant**

Signature *Tiffany Stebbins*                      Date **04/18/2005**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by \_\_\_\_\_                      Title \_\_\_\_\_                      Date **MAY 02 2005**

Office \_\_\_\_\_

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

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on Reverse)

**OPERATOR**

FARMINGTON FIELD OFFICE  
BY *Jm*

RECEIVED  
 APR 19 2005  
 RECEIVED  
 MAY 02 2005  
 DIV. OF OIL, GAS & MINING  
 ACCEPTED FOR RECORD  
 APR 19 2005

# ATTACHMENT

Form 3160-5  
(August 1999)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

### SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Serial No.  
**14-20-603-355** **UTU68931A**

6. If Indian, Allottee or Tribe Name

**NAVAJO TRIBAL**

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

**Ratherford Unit**

8. Well Name and No.

**Ratherford Unit** **15W21**

9. API Well No.

**43-037-16411**

10. Field and Pool, or Exploratory Area

**GREATER ANETH**

11. County or Parish, State

**SAN JUAN** **UT**

### SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well

Oil Well

Gas Well

Other

**Injection**

2. Name of Operator

**ExxonMobil Oil Corporation**

3a. Address **P.O. Box 4358**

**Houston**

**TX 77210-4358**

3b. Phone No. (include area code)

**(281) 654-1936**

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

**NENW 0660' FNL & 1820' FWL**

**Sec 15 T41S R24E**

### Additional Remarks

4-04-05 MIRU BJ Service, held safety meeting, test line to 3000#. Establish circ, pump 14.6 ppg of cement at 60 bbls, sting out, pump 14.6 ppg of cement at 9 bbls, pump 4 bbls H2O for displacement. ND BJ Services. Lay down 23 jts of tubing. NU BJ Service and pump 14.6 ppg of cement at 10 bbls, ran out of cement, ND BJ services, POOH with 24 joints of tubing and stinger. Waited on cement, TIH with 13 joints of tubing, Establish circulation, pump 5 bbls of H2O and started pumping 14.6 ppg of cement at 10 bbls, and 10 bbls of displacement, ND BJ Services and lay down the 13 joints of tubing, RD Work floor and ND BOP with Hydril. PU casing cutter plus 1 Joint of tubing, start cutting the casing, cut casing, lay down tool and 1 joint of tubing, BJ Service Top off the cement with 3 bbls. That completes the cement job, SION.

4-05-05 RDMO location, Clean Location Final Report.

4-15-05 Excavation permit, Cut off surface casing, Install P&A marker w/legal description and back fill well, cut off dead men anchor. FINAL REPORT

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

|                |
|----------------|
| <b>ROUTING</b> |
| 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:   |   | <b>6/1/2006</b>         |
| <b>FROM:</b> (Old Operator):<br>N1855-ExxonMobil Oil Corporation<br>PO Box 4358<br>Houston, TX 77210-4358<br>Phone: 1 (281) 654-1936 | <b>TO:</b> ( New Operator):<br>N2700-Resolute Natural Resources Company<br>1675 Broadway, Suite 1950<br>Denver, CO 80202<br>Phone: 1 (303) 534-4600 |                         |
| <b>CA No.</b>  | <b>Unit:</b>  | <b>RATHERFORD (UIC)</b> |

**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:**

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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

|  |   |
|--|---|
| Well Name and Number<br>See attached list                          | API Number<br>Attached                            |
| Location of Well<br>Footage: See attached list<br>County: San Juan | Field or Unit Name<br>Rutherford Unit             |
| QQ, Section, Township, Range:<br>State: UTAH                       | Lease Designation and Number<br>See attached list |

EFFECTIVE DATE OF TRANSFER: 6/1/2006

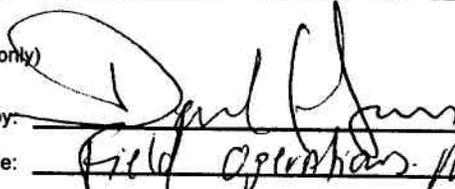
CURRENT OPERATOR

Company: Exxon Mobil Oil Corporation Name: \_\_\_\_\_  
Address: PO Box 4358 Signature: \_\_\_\_\_  
city Houston state TX zip 77210-4358 Title: \_\_\_\_\_  
Phone: (281) 654-1936 Date: \_\_\_\_\_  
Comments: Exxon Mobil has submitted a separate, signed copy of UIC Form 5

NEW OPERATOR

Company: Resolute Natural Resources Company Name: Dwight E Mallory  
Address: 1675 Broadway, Suite 1950 Signature:   
city Denver state CO zip 80202 Title: Regulatory Coordinator  
Phone: (303) 534-4600 Date: 4/20/2006  
Comments: A list of affected UIC wells is attached.  
New bond numbers for these wells are:  
BIA Bond # PA002769 and US EPA Bond # B001252

(This space for State use only)

Transfer approved by:   
Title: Field Operations Manager

Approval Date: 6/12/06

Comments:

RECEIVED  
APR 24 2006

DIV. OF OIL, GAS & MINING

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

FORM 9

|  |                            |  |
|--|----------------------------|--|
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b>   |                            | 5. LEASE DESIGNATION AND SERIAL NUMBER:<br>See attached list |
|  |                            | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:<br>Navajo Tribe        |
| 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. |                            | 7. UNIT or CA AGREEMENT NAME:<br>Ratherford Unit             |
|  |                            | 8. WELL NAME and NUMBER:<br>See attached list                |
| 1. TYPE OF WELL<br>OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Unit Agreement</u>   | 9. API NUMBER:<br>Attached |  |
| 2. NAME OF OPERATOR:<br>Resolute Natural Resources Company <u>N2700</u>  |                            | 10. FIELD AND POOL, OR WILDCAT:<br>Greater Aneth             |
| 3. ADDRESS OF OPERATOR:<br>1675 Broadway, Suite 1950 CITY Denver STATE CO ZIP 80202  |                            | PHONE NUMBER:<br>(303) 534-4600                              |
| 4. LOCATION OF WELL<br>FOOTAGES AT SURFACE: <u>See attached list</u>   |                            | COUNTY: <u>San Juan</u>                                      |
| QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____   |                            | STATE: <u>UTAH</u>   |

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

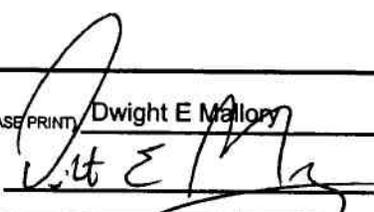
| TYPE OF SUBMISSION  | TYPE OF ACTION  |   |  |
|---|---|---|--|
| <input type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br>Approximate date work will start:<br>_____          | <input type="checkbox"/> ACIDIZE                        | <input type="checkbox"/> DEEPEN                           | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br>Date of work completion:<br>_____ | <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 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 Malloy</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 (See Instructions on Reverse Side)  
Earlene Russell, Engineering Technician

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

(5/2000)

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

FORM 9

|  |  |   |
|--|--|---|
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b>   |  | 5. LEASE DESIGNATION AND SERIAL NUMBER:                   |
| 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. |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:<br><b>Ship Rock</b> |
| 1. TYPE OF WELL<br>OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Injection</u>  |  | 7. UNIT or CA AGREEMENT NAME:<br><b>UTU68931A</b>         |
| 2. NAME OF OPERATOR:<br><b>ExxonMobil Oil Corporation</b> <i>N1855</i>   |  | 8. WELL NAME and NUMBER:<br><b>Ratherford</b>             |
| 3. ADDRESS OF OPERATOR:<br><b>P.O. Box 4358</b> CITY <b>Houston</b> STATE <b>TX</b> ZIP <b>77210-4358</b>  |  | 9. API NUMBER:<br><b>attached</b>                         |
| PHONE NUMBER:<br><b>(281) 654-1936</b>   |  | 10. FIELD AND POOL, OR WILDCAT:<br><b>Aneth</b>           |
| 4. LOCATION OF WELL<br>FOOTAGES AT SURFACE:  |  | COUNTY: <b>San Juan</b>                                   |
| QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:   |  | STATE: <b>UTAH</b>  |

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<br>(Submit in Duplicate)<br>Approximate date work will start:<br><u>6/1/2006</u> | <input type="checkbox"/> ACIDIZE                        | <input type="checkbox"/> DEEPEN                           | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| <input type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br>Date of work completion:                                 | <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 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 injection wells included in the transfer.

NAME (PLEASE PRINT) Laurie Kilbride TITLE Permitting Supervisor

SIGNATURE *Laurie S. Kilbride* DATE 4/19/2006

(This space for State use only) **APPROVED** 6/27/06  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician  
(See Instructions on Reverse Side)

RECEIVED  
APR 21 2006

**GREATER ANETH FIELD UIC WELL LIST**  
**Ratherford lease, San Juan County, Utah**

| Reg Lease Name  | Well ID | API Num        | Status  | Reg Lease #    | Surface Location |       |     |     |     |         |         |
|-----------------|---------|----------------|---------|----------------|------------------|-------|-----|-----|-----|---------|---------|
|                 |         |                |         |                | Qtr 1            | Qtr 2 | Sec | TN  | RNG | NS Foot | EW Foot |
| RATHERFORD UNIT | 1W24    | 430371583900S1 | Shut-in | 14-20-603-246A | NE               | SE    | 1   | 41S | 23E | 0651FSL | 3300FEL |
| RATHERFORD UNIT | 2W44    | 430371638600S1 | Active  | 14-20-603-246A | SE               | SE    | 2   | 41S | 23E | 0810FSL | 0510FEL |
| RATHERFORD UNIT | 11W42   | 430371584100S1 | Active  | 14-20-603-246A | SE               | NE    | 11  | 41S | 23E | 3290FSL | 4617FWL |
| RATHERFORD UNIT | 11W44   | 430371584200S1 | Shut-in | 14-20-603-246A | SE               | SE    | 11  | 41S | 23E | 0660FSL | 0558FEL |
| RATHERFORD UNIT | 12W11   | 430371584300S1 | Active  | 14-20-603-246A | NW               | NW    | 12  | 41S | 23E | 0678FNL | 4620FEL |
| RATHERFORD UNIT | 12W13   | 430371640400S1 | Active  | 14-20-603-246A | NW               | SW    | 12  | 41S | 23E | 1980FSL | 4620FEL |
| RATHERFORD UNIT | 12W22   | 430371584501S1 | Active  | 14-20-603-246A | SE               | NW    | 12  | 41S | 23E | 1920FNL | 2080FWL |
| RATHERFORD UNIT | 12W24   | 430373115101S1 | Active  | 14-20-603-246A | SE               | SW    | 12  | 41S | 23E | 0775FSL | 1980FWL |
| RATHERFORD UNIT | 12W31   | 430371584700S1 | Active  | 14-20-603-246A | NW               | NE    | 12  | 41S | 23E | 0661FNL | 1981FEL |
| RATHERFORD UNIT | 12W33   | 430371584800S1 | Active  | 14-20-603-246A | NW               | SE    | 12  | 41S | 23E | 1958FSL | 3300FEL |
| RATHERFORD UNIT | 12W42   | 430371585000S1 | Active  | 14-20-603-246A | SE               | NE    | 12  | 41S | 23E | 3275FSL | 0662FEL |
| RATHERFORD UNIT | 12W44A  | 430373154300S1 | Shut-in | 14-20-603-246A | SE               | SE    | 12  | 41S | 23E | 0772FSL | 0807FEL |
| RATHERFORD UNIT | 13W11   | 430373115201S1 | Active  | 14-20-603-247A | NW               | NW    | 13  | 41S | 23E | 0500FNL | 0660FWL |
| RATHERFORD UNIT | 13W13   | 430371585100S1 | Active  | 14-20-603-247A | NW               | SW    | 13  | 41S | 23E | 1980FSL | 4620FEL |
| RATHERFORD UNIT | 13W22   | 430371585200S1 | Active  | 14-20-603-247A | SE               | NW    | 13  | 41S | 23E | 1988FNL | 3300FEL |
| RATHERFORD UNIT | 13W24   | 430371585300S1 | Active  | 14-20-603-247A | SE               | SW    | 13  | 41S | 23E | 0660FSL | 3300FEL |
| RATHERFORD UNIT | 13W33   | 430371585501S1 | Active  | 14-20-603-247A | NW               | SE    | 13  | 41S | 23E | 1970FSL | 1979FEL |
| RATHERFORD UNIT | 13W42   | 430371585700S1 | Shut-in | 14-20-603-247A | SE               | NE    | 13  | 41S | 23E | 2139FNL | 0585FEL |
| RATHERFORD UNIT | 13W44   | 430371640700S1 | Active  | 14-20-603-247A | SE               | SE    | 13  | 41S | 23E | 0653FSL | 0659FEL |
| RATHERFORD UNIT | 14-31   | 430373171700S1 | Active  | 14-20-603-247A | NW               | NE    | 14  | 41S | 23E | 0754FNL | 1604FEL |
| RATHERFORD UNIT | 14W42   | 430371586001S1 | Active  | 14-20-603-247A | SE               | NE    | 14  | 41S | 23E | 1976FNL | 653FEL  |
| RATHERFORD UNIT | 24W31   | 430371586200S1 | Shut-in | 14-20-603-247A | NW               | NE    | 24  | 41S | 24E | 0560FNL | 1830FEL |
| RATHERFORD UNIT | 24W42   | 430371586300S1 | Shut-in | 14-20-603-247A | SE               | NE    | 24  | 41S | 24E | 1980FNL | 0660FEL |
| RATHERFORD UNIT | 17W12   | 430371572601S1 | Active  | 14-20-603-353  | SW               | NW    | 17  | 41S | 24E | 1980FNL | 510FWL  |
| RATHERFORD UNIT | 17W14   | 430371572700S1 | Active  | 14-20-603-353  | SW               | SW    | 17  | 41S | 24E | 0610FSL | 0510FWL |
| RATHERFORD UNIT | 17W21   | 430371641601S1 | Active  | 14-20-603-353  | NE               | NW    | 17  | 41S | 24E | 0510FNL | 1830FWL |
| RATHERFORD UNIT | 17W23   | 430371572801S1 | Active  | 14-20-603-353  | NE               | SW    | 17  | 41S | 24E | 1880FSL | 1980FWL |
| RATHERFORD UNIT | 17W32   | 430371572900S1 | TA'd    | 14-20-603-353  | SW               | NE    | 17  | 41S | 24E | 1830FNL | 2030FEL |
| RATHERFORD UNIT | 17W34   | 430371573000S1 | Active  | 14-20-603-353  | SW               | SE    | 17  | 41S | 24E | 0560FSL | 1880FEL |
| RATHERFORD UNIT | 17W41   | 430371573100S1 | Shut-in | 14-20-603-353  | NE               | NE    | 17  | 41S | 24E | 0610FNL | 0510FEL |
| RATHERFORD UNIT | 17W43   | 430371641701S1 | Active  | 14-20-603-353  | NE               | SE    | 17  | 41S | 24E | 1980FSL | 0660FEL |
| RATHERFORD UNIT | 18-43B  | 430373171801S1 | Active  | 14-20-603-353  | NE               | SE    | 18  | 41S | 24E | 2023FSL | 0651FEL |
| RATHERFORD UNIT | 18W12   | 430373115301S1 | Active  | 14-20-603-353  | SW               | NW    | 18  | 41S | 24E | 1980FNL | 560FWL  |
| RATHERFORD UNIT | 18W14   | 430371573501S1 | Active  | 14-20-603-353  | SW               | SW    | 18  | 41S | 24E | 0810FSL | 0600FWL |
| RATHERFORD UNIT | 18W21   | 430371641801S1 | Active  | 14-20-603-353  | NE               | NW    | 18  | 41S | 24E | 660FNL  | 1882FWL |
| RATHERFORD UNIT | 18W23   | 430373024400S1 | Shut-in | 14-20-603-353  | NE               | SW    | 18  | 41S | 24E | 2385FSL | 2040FWL |
| RATHERFORD UNIT | 18W32   | 430371573601S1 | Active  | 14-20-603-353  | SW               | NE    | 18  | 41S | 24E | 2140FNL | 1830FEL |
| RATHERFORD UNIT | 18W34   | 430371573701S1 | Active  | 14-20-603-353  | SW               | SE    | 18  | 41S | 24E | 780FSL  | 1860FEL |
| RATHERFORD UNIT | 18W41   | 430371573800S1 | TA'd    | 14-20-603-353  | NE               | NE    | 18  | 41S | 24E | 0660FNL | 0660FEL |
| RATHERFORD UNIT | 19-12   | 430371573901S1 | Active  | 14-20-603-353  | SW               | NW    | 19  | 41S | 24E | 1980FNL | 0600FWL |
| RATHERFORD UNIT | 19-32   | 430371574301S1 | Active  | 14-20-603-353  | SW               | NE    | 19  | 41S | 24E | 2717FNL | 2802FEL |
| RATHERFORD UNIT | 19-34   | 430371574401S1 | Active  | 14-20-603-353  | SW               | SE    | 19  | 41S | 24E | 0660FSL | 1980FEL |
| RATHERFORD UNIT | 19W21   | 430371574100S1 | Shut-in | 14-20-603-353  | NE               | NW    | 19  | 41S | 24E | 0660FNL | 1860FWL |
| RATHERFORD UNIT | 19W23   | 430371574200S1 | Shut-in | 14-20-603-353  | NE               | SW    | 19  | 41S | 24E | 2080FSL | 1860FWL |
| RATHERFORD UNIT | 19W43   | 430371642000S1 | Shut-in | 14-20-603-353  | NE               | SE    | 19  | 41S | 24E | 1980FSL | 0760FEL |
| RATHERFORD UNIT | 20-12   | 430371574601S1 | Active  | 14-20-603-353  | SW               | NW    | 20  | 41S | 24E | 0709FNL | 0748FEL |
| RATHERFORD UNIT | 20-14   | 430371574701S1 | Active  | 14-20-603-353  | SW               | SW    | 20  | 41S | 24E | 0660FSL | 0660FWL |
| RATHERFORD UNIT | 20-32   | 430371574901S1 | Active  | 14-20-603-353  | SW               | NE    | 20  | 41S | 24E | 0037FNL | 0035FWL |
| RATHERFORD UNIT | 20-34   | 430371575001S1 | Active  | 14-20-603-353  | SW               | SE    | 20  | 41S | 24E | 0774FNL | 0617FWL |
| RATHERFORD UNIT | 20-67   | 430373159000S1 | Active  | 14-20-603-353  | NE               | SW    | 20  | 41S | 24E | 2629FSL | 1412FWL |
| RATHERFORD UNIT | 20W21   | 430371642300S1 | Active  | 14-20-603-353  | NE               | NW    | 20  | 41S | 24E | 0660FNL | 1880FWL |
| RATHERFORD UNIT | 20W23   | 430371574800S1 | Active  | 14-20-603-353  | NW               | SW    | 20  | 41S | 24E | 2080FSL | 2120FWL |
| RATHERFORD UNIT | 20W41   | 430371575100S1 | Active  | 14-20-603-353  | NE               | NE    | 20  | 41S | 24E | 0660FNL | 0660FEL |
| RATHERFORD UNIT | 20W43   | 430371642400S1 | TA'd    | 14-20-603-353  | NE               | SE    | 20  | 41S | 24E | 2070FSL | 0810FEL |
| RATHERFORD UNIT | 16W12   | 430371572000S1 | Active  | 14-20-603-355  | SW               | NW    | 16  | 41S | 24E | 1880FNL | 0660FWL |

**GREATER ANETH FIELD UIC WELL LIST**  
**Ratherford lease, San Juan County, Utah**

| Reg Lease Name  | Well ID | API Num        | Status  | Reg Lease #    | Surface Location |       |     |     |     |         |         |
|-----------------|---------|----------------|---------|----------------|------------------|-------|-----|-----|-----|---------|---------|
|                 |         |                |         |                | Qtr 1            | Qtr 2 | Sec | TN  | RNG | NS Foot | EW Foot |
| RATHERFORD UNIT | 16W14   | 430371572100S1 | Shut-in | 14-20-603-355  | SW               | SW    | 16  | 41S | 24E | 0660FSL | 0660FWL |
| RATHERFORD UNIT | 16W21   | 430371641400S1 | Active  | 14-20-603-355  | NE               | NW    | 16  | 41S | 24E | 0660FNL | 1880FWL |
| RATHERFORD UNIT | 16W23   | 430371572201S1 | Active  | 14-20-603-355  | NE               | SW    | 16  | 41S | 24E | 1980FSL | 1980FWL |
| RATHERFORD UNIT | 16W43   | 430371641501S1 | Active  | 14-20-603-355  | NE               | SE    | 16  | 41S | 24E | 2140FSL | 0820FEL |
| RATHERFORD UNIT | 21-14   | 430371575301S1 | Active  | 14-20-603-355  | SW               | SW    | 21  | 41S | 24E | 0660FSL | 0460FWL |
| RATHERFORD UNIT | 21-67   | 430373175301S1 | Active  | 14-20-603-355  | NE               | SW    | 21  | 41S | 24E | 2560FSL | 1325FWL |
| RATHERFORD UNIT | 21W21   | 430371642501S1 | Active  | 14-20-603-355  | NE               | NW    | 21  | 41S | 24E | 0660FNL | 2030FWL |
| RATHERFORD UNIT | 6W14    | 430371598400S1 | Active  | 14-20-603-368  | NE               | SE    | 6   | 41S | 24E | 0660FSL | 0660FWL |
| RATHERFORD UNIT | 7W12    | 430371598500S1 | Active  | 14-20-603-368  | NE               | SE    | 7   | 41S | 24E | 2140FNL | 0585FWL |
| RATHERFORD UNIT | 7W14    | 430371598600S1 | Active  | 14-20-603-368  | NE               | SE    | 7   | 41S | 24E | 1065FSL | 0660FWL |
| RATHERFORD UNIT | 7W21    | 430371639400S1 | Active  | 14-20-603-368  | NE               | NW    | 7   | 41S | 24E | 0710FNL | 1820FWL |
| RATHERFORD UNIT | 7W34    | 430371598900S1 | Active  | 14-20-603-368  | SW               | SE    | 7   | 41S | 24E | 0710FSL | 2003FEL |
| RATHERFORD UNIT | 7W43    | 430371639500S1 | Active  | 14-20-603-368  | NE               | SE    | 7   | 41S | 24E | 2110FSL | 0660FEL |
| RATHERFORD UNIT | 8W14    | 430371599200S1 | Active  | 14-20-603-368  | SW               | NE    | 8   | 41S | 24E | 0745FSL | 0575FWL |
| RATHERFORD UNIT | 10W43   | 430371640300S1 | TA'd    | 14-20-603-4037 | NE               | SE    | 10  | 41S | 24E | 1980FSL | 0550FEL |
| RATHERFORD UNIT | 29-12   | 430371533701S1 | Active  | 14-20-603-407  | SW               | NW    | 29  | 41S | 24E | 2870FNL | 1422FWL |
| RATHERFORD UNIT | 29-32   | 430371533901S1 | Active  | 14-20-603-407  | SW               | NE    | 29  | 41S | 24E | 0694FNL | 0685FWL |
| RATHERFORD UNIT | 29W21   | 430371643200S1 | Active  | 14-20-603-407  | NE               | NW    | 29  | 41S | 24E | 0667FNL | 2122FWL |
| RATHERFORD UNIT | 29W41   | 430371643300S1 | Active  | 14-20-603-407  | NE               | NE    | 29  | 41S | 24E | 0557FNL | 0591FEL |
| RATHERFORD UNIT | 29W43   | 430371643400S1 | Shut-in | 14-20-603-407  | NE               | SE    | 29  | 41S | 24E | 1980FSL | 0660FEL |
| RATHERFORD UNIT | 30W41   | 430371534300S1 | Shut-in | 14-20-603-407  | NE               | NE    | 30  | 41S | 24E | 0660FNL | 0660FEL |
| RATHERFORD UNIT | 28-12   | 430371533601S1 | Active  | 14-20-603-409  | SW               | SE    | 28  | 41S | 24E | 2121FNL | 0623FWL |
| RATHERFORD UNIT | 28W21   | 430371643100S1 | Shut-in | 14-20-603-409  | NE               | NW    | 28  | 41S | 24E | 0660FNL | 2022FWL |
| RATHERFORD UNIT | 9W23    | 430371639800S1 | Active  | 14-20-603-5046 | NW               | SE    | 9   | 41S | 24E | 1980FSL | 1980FWL |