

Secret Report sent out

Noted in the NID File

Location map pinned

Approval or Disapproval Letter

Date Completed, P. & A, or operations suspended

Pin changed on location map

Affidavit and Record of A & P

Water Shut-Off Test

Gas-Oil Ratio Test

Well Log Filed

-
-
-
-
-
-
-
-
-
-

11-6-59 UOR

Converted to water injection well - started injection 5-3-63

FILE NOTATIONS

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

COMPLETION DATA:

| | | | |
|---------------------|----------------|--------------------|-------------------|
| Date Well Completed | <u>11-6-59</u> | Location Inspected | _____ |
| OW ✓ | WW _____ | TA _____ | Bond released |
| OW _____ | OS _____ | PA _____ | State of Fee Land |

LOGS FILED

Driller's Log 11-82-59

Electric Logs (No.) 3

E _____ I _____ E-I ✓ GR _____ GR-N _____ Micro _____

Lat _____ Mi-L _____ Sonic _____ Others Radioactivity

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee Tribal

Lease No. 14-20-603-355

State

| | | |
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| | | |

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 "A"

Cortez, Colorado

October 1, 1959

Well No. 26 is located 1980 ft. from S line and 660 ft. from E line of sec. 21

NE SE Sec. 21

413

24E

SLM

(1/4 Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

Rutherford

San Juan

Utah

(Field)

ungraded ground

(County or Subdivision)

(State or Territory)

The elevation of the ~~derrick floor~~ above sea level is 4583.5 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 5650', run 5-1/2" casing and cement with approximately 250 sacks cement. Complete in Desert Creek 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 P. O. Drawer 1150

Cortez, Colorado

By C. M. Boles

Title District Superintendent

Company PHILLIPS PETROLEUM COMPANY

Lease NAVAJO *A* Well No. 26

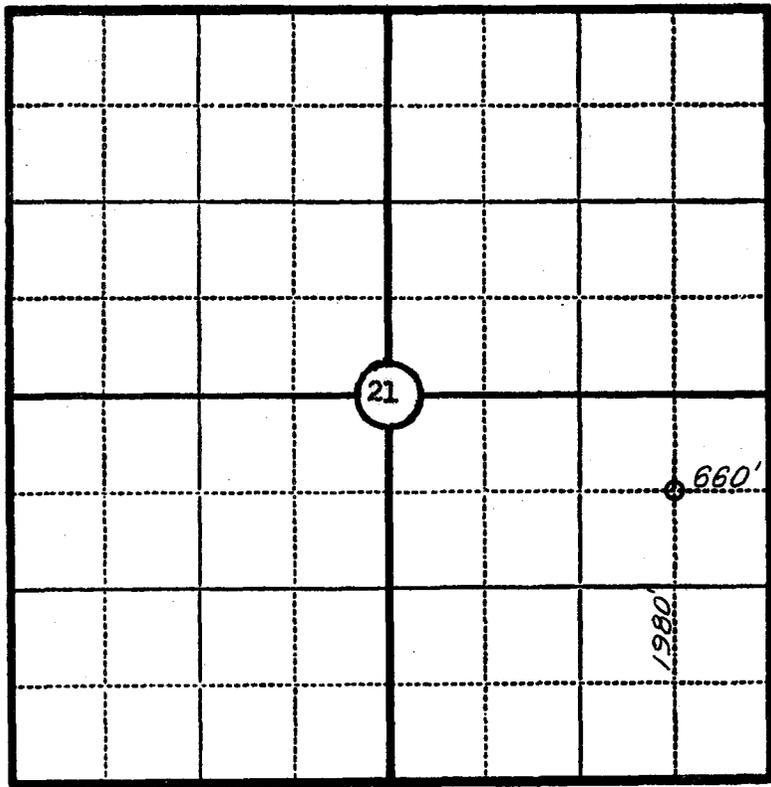
Sec. 21, T. 41 SOUTH, R. 24 EAST S. L. M.

Location 1980' FROM THE SOUTH LINE AND 660' FROM THE EAST LINE.

Elevation 4583.5 UNGRADED GROUND

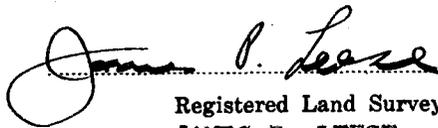
SAN JUAN COUNTY

UTAH



Scale—4 inches equal 1 mile.

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:  Registered Land Surveyor.
JAMES P. LEESE
UTAH REG. NO. 1472

Surveyed 26 DECEMBER, 1957

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

October 5, 1959

Phillips Petroleum Company
P. O. Drawer 1150
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-26, which is to be located 1980 feet from the south line and 660 feet from the east line of Section 21, 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

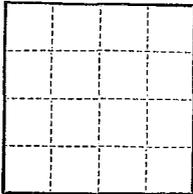
CLEON B. FEIGHT
EXECUTIVE SECRETARY

CBF:co

cc: P. T. McGrath, Dist. Eng.
U. S. Geological Survey
Farmington, New Mexico

(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..... | X |
| 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 November 23, 19 59

Navajo "A"

Well No. **26** is located **1980** ft. from **S** line and **660** ft. from **E** line of sec. **21**

NE SE. Sec. 21

41S

24E

S.L.M.

(¼ Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

Rutherford

San Juan

Utah

(Field)

(County or Subdivision)

(State or Territory)

ungraded ground

The elevation of the ~~derrick floor~~ **ungraded ground** above sea level is **4583.5** 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 11:00 P.M. 10-8-59. Drilled 17-1/4" hole to 175' at 9:30 A.M. 10-9-59. Set and cemented 4 jts. 13-3/8" OD 27.1# Armo SW SJ casing with Halliburton guide shoe at 175' w/175 ex. cement, 2% Calcium Chloride. Circulated estimated 110 ex. Completed cementing at 1:30 P.M. 10-9-59.

Drilled 11" hole to 1312' at 6:00 A.M. 10-11-59. Set and cemented 43 jts. 8-5/8" OD 24# J-55 casing with Baker float equipment at 1310.84' with 330 ex. cement, 126 ex. Diacon D, 620# Calcium Chloride, 165# Floccs, 330# Tuff plug followed with 125 ex. regular cement around shoe. Pumped plug to 1278' at 1500#. Circulated 80 ex. cement out. Dropped back and filled annulus with 50 ex. regular cement. Completed cementing 12:05 P.M. 10-11-59. W.O.C. 12 hours - Tested casing to 1200# for 30 minutes - O.K.

(Continued on back)

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. Box 1150**

Cortez, Colorado

By *C. M. Boles*

C. M. Boles

Title **District Superintendent**

896128 AON

Drilled 7-7/8" hole to 5588' at 5:30 P.M. 10-28-59. Ran Schlumberger Induction ES Gamma Ray Neutron logs to 5583. Ran Micro Caliper log to 2366'. Conditioned hole, laid down drill pipe. Set and cemented 181 jts. 5-1/2" OD 14# J-55 casing with Hector fill collar and guide shoe at 5595.51'. (Corrected TD from 5583 to 5595' with casing measurement). Cemented with 132sx. regular cement, 100 sx. Diacel "D", 496# Calcium Chloride. Pumped plug to 5570.19' at 1:51 P.M. 10-30-59. W.O.C. 12 hours. Tested casing 1200# 30 minutes - O.K.

(SUBMIT IN TRIPLICATE)

Navajo

Indian Agency _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

_____ Tribal

Allottee _____

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..... | |
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| 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..... | X |
| 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 November 23, 1959

Navajo "A" #

Well No. **26** is located **1990** ft. from **XX** line and **660** ft. from **EW** line of sec. **21**

NE, SE Sec. 21
(¼ Sec. and Sec. No.)

41S
(Twp.)

24E
(Range)

S.L.M.
(Meridian)

Ratherford

San Juan

Utah

(Field)

(County or Subdivision)

(State or Territory)

ungraded ground

The elevation of the derrick floor above sea level is **4583.5** 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)

Ran Gamma Ray Collar Locator log. Tagged bottom with tubing at 5563' - top cement plug. Perforated casing with 4 jet shots per foot using RL and RL measurements from 5412-24, 5436-48, 5478-84, 5490-5500, 5509-20 and 5526-46'. Ran 2-7/8" OD BUE tubing with Baker ECU (hookwall) packer and Guilberson holddown, set tubing at 5556.98', packer at 5245.98'. Released rotary 1:30 A.M. 11-1-59.

Moved in well service unit, rigged up and acidized casing perforations with 9000 gallons 15% regular acid and 400 gallons temporary block 11-4-59 (3000 gallons acid, followed with 200 gallons block, 3000 gallons acid, followed with 200 gallons block, and 3000 gallons acid). Maximum pressure 3000#, Minimum pressure 0#. Pressure increased on first block 200 to 300#. Pressure increased 2nd block 400 to 800#. Used 34 barrels oil flush. Average injection rate 5 BPM acid. Average injection rate - flush 3 BPM. End treating pressure 0#. 11-6-59. Flowed 24 hours, 3/4" choke,

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

431 NO, GOR 511, 220 MCF Gas.

Company **Phillips Petroleum Company**

Address **P. O. Drawer 1150**

Cortez, Colorado

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

Title **District Superintendent**

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

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

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Phillips Petroleum Address P.O. Drawer 1150, Cortes, Colorado
Lessor or Tract Navajo "A" Field Rutherford State Utah
Well No. 26 Sec. 21 T. 41S R. 24E Meridian S.L.M. County San Juan
Location 1980 ft. N. of S Line and 660 ft. NE. of E Line of Sec. 21 Elevation 4596
(Derrick 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.

Signed [Signature]

Date November 24, 1959 Title District Superintendent

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

Commenced drilling October 8, 1959 Finished drilling October 28, 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

Possible fresh water in all sands above 1297'. Logs show salt water in Chinle formation (2160-2230) and DeChelly member of Outler group 2447-2230

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

| Size casing | Weight per foot | Threads per inch | Make | Amount | Kind of shoe | Cut and pulled from | Perforated | | Purpose |
|-------------|-----------------|------------------|------|--------|--------------|---------------------|------------|-----------|---------|
| | | | | | | | From— | To— | |
| 13-3/8 | 27.1 | 8 | reco | 161.60 | Halliburton | 5412 | 5421 | Oil Prod. | |
| 8-5/8 | 24 | 8 | J-55 | 1308 | Reactor | 5436 | 5443 | " " | |
| 5-1/2 | 14 | 8 | J-55 | 5627 | Reactor | 5478 | 5484 | " " | |
| | | | | | | 5490 | 5500 | " " | |
| | | | | | | 5509 | 5520 | " " | |
| | | | | | | 5526 | 5546 | " " | |

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 sx | Circulated | | |
| 8-5/8 | 1311 | 800 cu ft | Circulated (filled annulus w/50 sx. cement) | | |
| 5-1/2 | 5596 | 550 cu ft | E-J | | |

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

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

FOLD MARK

TOOLS USED

Rotary tools were used from 0 feet to 5595 feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____

The production for the first 24 hours was 431 barrels of fluid of which 100% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

1457 FTP

EMPLOYEES

_____, Driller _____, Driller
 Moran Bros. Inc., Driller _____, Driller

FORMATION RECORD

| FROM- | TO- | TOTAL FEET | FORMATION |
|-------|-------|------------|-------------------------------|
| 1297 | 2160 | 863 | Chinle |
| 2160 | 2230 | 70 | Shinarump |
| 2230 | 2385 | 155 | Moenkopi |
| 2385 | 2447 | 62 | Cutler - Hoskinini Equivalent |
| 2447 | 2650 | 203 | Cutler - De Chelly Member |
| 2650 | 4389 | 1739 | Cutler - Organ Rock Member |
| 4389 | 5285 | 896 | Monaker Trail |
| 5285 | 5595* | 310 | Paradox |
| | | | Ismay Zone 5285-5393 |
| | | | Desert Creek Zone 5393-5572 |
| | | | Akah zone 5572-5595 |

*corrected from 5583 to 5595 with casing measure.

(OVER)

16-43094-4

REPRODUCTION OF THIS INFORMATION IS PROHIBITED

GRAND SLAM

PRINTED BY THE BUREAU OF LAND MANAGEMENT
 U.S. DEPARTMENT OF THE INTERIOR
 WASHINGTON, D.C.

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 11:00 P.M. 10-8-59. Drilled 17-1/4" hole to 175' at 9:30 A.M. 10-9-59. Set and cemented 4 jts. 13-3/8" OD 27.1# Armo SW SJ casing with Halliburton guide shoe at 175' with 175 ex. cement, 2% Calcium Chloride. Circulated estimated 110 ex. Completed cementing at 1:30 P.M. 10-9-59.

Drilled 11" hole to 1312' at 6:00 A.M. 10-11-59. Set and cemented 43 jts. 8-5/8" OD 24# J-55 casing with Baker float equipment at 1310.84' with 330 ex. cement, 126 ex. Diacel "D", 620# Calcium Chloride, 165# Flocele, 330# Tuff Plug followed with 125 ex. regular cement around shoe. Pumped plug to 1278' at 1500#. Circulated 80 ex. cement out. Dropped back and filled annulus with 50 ex. regular cement. Completed cementing at 12:05 P.M. 10-11-59. W.O.C. 12 hours - tested casing to 1200 # for 30 minutes - O.K.

Drilled 7-7/8" hole to 5588' at 5:30 P.M. 10-28-59. Ran Schlumberger Induction ES Gamma Ray Neutron logs to 5583'. Ran Micro Caliper log to 2366'. Conditioned hole, laid down drill pipe. Set and cemented 181 jts. 5-1/2" OD 14# J-55 casing with Rector fill collar and guide shoe at 5595.51'. (Corrected TD from 5583 to 5595' with casing measurement). Cemented with 132 ex. regular cement, 100 ex. Diacel "B", 496# Calcium Chloride. Pumped plug to 5570.19' at 1:51 P.M. 10-30-59. W.O.C. 12 hours. Tested casing 1200# 30 minutes - O.K.

Ran Gamma Ray Collar Locator Log. Tagged bottom with tubing at 5563' - top cement plug. Perforated casing with 4 jet shots per foot using EL and RL measurements from 5412-24, 5436-48, 5478-84, 5490-5500, 5509-20 and 5526-46'. Ran 2-7/8" OD EUE tubing with Baker EQJ (hookwall) packer and Guilberson holddown, set tubing at 5556.98', packer at 5245.98'. Released rotary 1:30 A.M. 11-1-59.

Moved in well service unit, rigged up and acidized casing perforations with 9000 gallons 15% regular acid and 400 gallons temporary block 11-4-59 (3000 gallons acid, followed with 200 gallons block, 3000 gallons acid, followed with 200 gallons block, and 3000 gallons acid). Maximum pressure 3000#, minimum pressure 0#. Pressure increased on first block 200 to 300#. Pressure increased on 2nd block 400 to 800#. Used 34 barrels oil flush. Average injection rate 5 BPM acid. Average injection rate - flush 3 BPM. End treating pressure 0#. 11-6-59. Flowed 24 hours, 3/4" choke, 431 BO, GOR 511, 220 MCF Gas.

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

FORM NO. 1 (REV. 10-10-58)

THIS FORM IS PREPARED BY THE GEOLOGICAL SURVEY

IT IS NOT TO BE USED FOR OTHER PURPOSES

U.S. GOVERNMENT PRINTING OFFICE: 1958



PHILLIPS PETROLEUM COMPANY

P. O. Drawer 1150
Cortez, Colorado

May 7, 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.

| <u>Old Well No.</u> | <u>New Well No.</u> | <u>Date Converted</u> | <u>Injection Rate</u> | <u>Injection Pressure</u> |
|---------------------|---------------------|---------------------------|---------------------------|-------------------------------|
| 15-43 | 15W43 | 5/4/63 | 432 BWPD | 1725# |
| 22-21 | 22W21 | 5/3/63 | 26 BWPD | 1750# |
| 21-43 | 21W43 | 5/3/63 | 1053 BWPD | Gravity |
| 29-43 | 29W43 | 5/3/63 | 871 BWPD | Gravity |

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

Yours very truly,

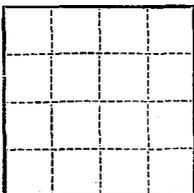
PHILLIPS PETROLEUM COMPANY

C. M. Boles
District Superintendent

HGC/bh

(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 | Convert to Water Injection Well | X |

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

Cortez, Colorado May 17, 1963

(Formerly Phillips Navajo #26 & Rutherford Unit #21-43)
Rutherford Unit
Well No. 21W43 is located 1980 ft. from SW line and 660 ft. from E line of sec. 21
NE, SE Sec. 21 41S 24E S1M
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Rutherford San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~ground surface~~ ^{ungraded ground} above sea level is 4583.5 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)

4-25-63 through 5-4-63
Pulled 2-1/2" tubing and rods, ran 2" tubing with Marlex liner, hooked up for water injection, started injecting 5-3-63. Changed well classification from Oil Well to Water Injection Well and name from #21-43 to 21W43.

Previous Production: 38 BO, 75 MCF Gas, 0 water.
Present: Injected 1053 BW in 24 hours at Gravity.

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

Title District Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Form approved.
Budget Bureau No. 42-R1424.

LEASE DESIGNATION AND SERIAL NO.

14-20-603-355

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"/> Water Injection | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo | |
| 2. NAME OF OPERATOR Phillips Petroleum Company | | 7. UNIT AGREEMENT NAME SW-I-4192 | |
| 3. ADDRESS OF OPERATOR P. O. Drawer 1150, Cortez, Colorado | | 8. FARM OR LEASE NAME Ratherford Unit | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1980' from South Line, 660' from East Line, Sec. 21 (NE SE Sec. 21) | | 9. WELL NO. 21W43 | |
| 14. PERMIT NO. | | 10. FIELD AND POOL, OR WILDCAT Greater Aneth Field | |
| 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4583.5 ungraded ground | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 21-T41S-R24E, SIM | |
| | | 12. COUNTY OR PARISH San Juan | 13. STATE Utah |

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

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|----------------------------------------------------|-----------------------------------------------|------------------------------------------------|------------------------------------------|
| TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> | WATER SHUT-OFF <input type="checkbox"/> | REPAIRING WELL <input type="checkbox"/> |
| FRACTURE TREAT <input 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"/> | |

(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 500 gals. 15% regular acid to increase injection rate.

Present Injection Rate: 1046 BHPD at 425#.

18. I hereby certify that the foregoing is true and correct
SIGNED C. M. Boles TITLE Area Superintendent DATE 7-28-64

(This space for Federal or State office use)

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

Copy AHC

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate
(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 GAS WELL OTHER **Water Injection**

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

3. ADDRESS OF OPERATOR **Phillips Petroleum Company**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
**1980' from South line, 660' from East line, Sec. 21
(NE SE Sec. 21)**

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

6. IF IN LEASE, WELL OR SURVEY NAME **Navajo**

7. UNIT AGREEMENT NAME

8. FIELD OR SURVEY NAME **U-21-1192**

9. **Shoshone Unit**

10. FIELD, TANK, POL, OR WILDCAT **21/19**

11. SECTION OF LAND SURVEY OR AREA **Greater Aneth Field**

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

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4583.5 ungraded ground

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

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

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

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

On July 29, 1964 acidized well down tubing with 500 gallons 15% regular acid.

Previous Injection Rate: Injected 1046 BW in 24 hours at 1.25# into Desert Creek Zone of Paradox Formation, Greater Aneth Field.

Present Injection Rate: Injected 3168 BW in 24 hours at 4.00# into Desert Creek Zone of Paradox Formation, Greater Aneth Field.

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

SIGNED G. H. Boles TITLE Area Superintendent DATE 9-16-64

(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 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

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.)

7. UNIT AGREEMENT NAME

SW-I-4192

8. FARM OR LEASE NAME

Ratherford Unit

9. WELL NO.

2143

10. FIELD AND POOL, OR WILDCAT

Greater Aneth

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

21-41S-24E, SW

12. COUNTY ~~OKLAHOMA~~
San Juan

13. STATE
Utah

1.

OIL WELL GAS WELL OTHER

Water Injection Well

2. NAME OF OPERATOR

Phillips Petroleum Co.

3. ADDRESS OF OPERATOR

Drawer 1150, Cortez, Colo.

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

At surface

1900' from South Line; 660 from East Line, Sec. 21
T1S R21E

14. PERMIT NO.

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

4583.5 ungraded ground

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

~~STOP~~ ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(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 500 gallons regular acid in attempt to increase water injection rate.

Present Injection Rate : 147% BMD @ 300%.

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

SIGNED

C. E. Boles
C. E. Boles

TITLE

Area Superintendent

DATE

11-19-64

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Copy etc

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

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.)

7. UNIT AGREEMENT NAME

SW-I-4192

8. FARM OR LEASE NAME

Ratherford Unit

9. WELL NO.

21743

10. FIELD AND POOL, OR WILDCAT

Greater Inoeth

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

21-113-24E, SIM

12. COUNTY OR PARISH 13. STATE

San Juan

Utah

1.

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

2. NAME OF OPERATOR

Phillips Petroleum Company

3. ADDRESS OF OPERATOR

Box 1150, Cortez, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)
At surface

**1900' from South Line, 660' from East line, Sec. 21
T2 N. Sec. 21**

14. PERMIT NO.

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

4583.5 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 November 20, 1964 dumped 500 gallons 15% regular acid down well.
Hooked well up, displaced acid with line pressure.**

Previous Injection Rate: 1455 BHPD at 300%.

Present Injection Rate: 2948 BHPD on Vacuum.

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

SIGNED

C. M. Soles
C. M. Soles

TITLE

Area Superintendent

DATE

11-21-64

(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 THIS MANNER
(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

Havajo

7. UNIT AGREEMENT NAME

SI-1-1192

8. FARM OR LEASE NAME

Rutherford Unit

9. WELL NO.

21-43

10. FIELD AND POOL, OR WILDCAT

Greater Aneth

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

21-415-24E, S.L.H.

12. COUNTY OF PARISH

San Juan

13. STATE

Utah

1. OIL WELL GAS WELL OTHER

Water Injection Well

2. NAME OF OPERATOR

Phillips Petroleum Company

3. ADDRESS OF OPERATOR

Drawer 1150, Cortez, Colorado 81321

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

1980' F81; 660' F81 Sec. 21
NE NE Sec. 21

14. PERMIT NO.

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

4583.5' 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.)*

Treat water injection well as follows:

Acidize with 2500 gallons of 15% acid with 2 gallons A-110, 3 gallons W-35 per 1000 gallons of acid; 500 gallons PS-2 salt plug with 3.4% salt per gal. water; and 2500 gallons of 15% acid with 2 gallons A-110, 3 gallons W-35 per 1000 gallon of acid.

Present injection rate: 393 BOPD at 465%.

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

SIGNED

S. H. Deaton

TITLE

District Superintendent

DATE

1-14-66

(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 REPLICATE*
(Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-355

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

SW-I-4192

8. FARM OR LEASE NAME

Rutherford Unit

9. WELL NO.

2143

10. FIELD AND POOL, OR WILDCAT

Greater Aneth

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

21-41E-24E, S.L.M.

1. OIL WELL GAS WELL OTHER

Water Injection Well

2. NAME OF OPERATOR

Phillips Petroleum Company

3. ADDRESS OF OPERATOR

P. O. Drawer 1150, Cortez, Colorado 81321

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

1980' FSL; 660' FEL Sec. 21
NE NE Sec. 21

14. PERMIT NO.

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

4583.5' ungraded ground

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)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(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.)*

Acidized well through 2 1/2" bare tubing and packer with 2500 gallons 15% regular acid, 1000 gallons salt plug, and 2500 gallons 15% regular on March 3, 1966. Flushed with 75 BM. Hooked back up and resumed injection.

Present Injection Rate: 2312 BWPD at 500%.

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

SIGNED

C. H. Nolan

TITLE

District Superintendent

DATE

3-10-66

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

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

April 30, 1966

In re: Ratherford Unit Monthly Operating Report -
March 1966

Page No. 2

III. SUCKER ROD FAILURES

There were 36 rod jobs required during March.

| <u>TYPE JOB</u> | <u>Number</u> |
|--------------------------------------------------------------------------------------------------------|---------------|
| Rod Breaks (Includes pin and coupling failures) | 36 |
| Rod Replacements (Includes partial string and coupling replacements performed at time of above breaks) | 5 |

IV. WORKOVERS

415-24E Sec 18

Ratherford Unit 18-13 (Squeeze Subzone II perforations, acidize Subzone I perforations, and Resume Production).

On March 23, 1966 pulled rods and tubing, ran cement retainer and set at 5558' between Subzone I and II perforations. Tested for communications, none indicated. Squeezed Subzone II perforations 5568-5590 and 5598-5614 through tubing with 195 sacks cement with .6% HALAD-9 at 2500# holding pressure. New PBTD 5558'. Pulled tubing, ran retrievematic packer on tubing. Acidized Subzone I perforations 5458-86, 5492-5502 and 5533-44' with 5000 gallons 15% regular acid. Swabbed well, pulled packer, reran tubing and rods, resumed production. Production was 16 BO and 802 HWP before the workover, and 22 BO and 0 HWP following the workover.

Ratherford Unit 21W43 (Acid Job)

On March 3, 1966 acidized well through 2 1/2" bare tubing and packer with 2500 gallons 15% regular acid, 1000 gallons salt plug, followed with 2500 gallons 15% regular acid. Injectivity increased from 390 HWP at 515# before the treatment to 2312 HWP at 500# following the treatment.

(Cont'd Page 3)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate*
(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

7. UNIT AGREEMENT NAME

SW-I-4192

8. FARM OR LEASE NAME

Rutherford Unit

9. WELL NO.

2143

10. FIELD AND POOL, OR WILDCAT

Greater Anoth

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

21-412-24E SW

12. COUNTY OR PARISH

San Juan

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 Company

3. ADDRESS OF OPERATOR
Drawer 1150, Cortez, Colorado 81321

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

1900 FSL, 660 FBL, Sec. 21
NE NE Sec. 21

14. PERMIT NO.

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

4583.5 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.)*

Acidize water injection well with 5000 gallons of 15% acid in 2 stages and return to injection status.

Previous Injection Rate: 668 BWPD at 1575# during August 1968.

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

SIGNED

C. M. Boles

TITLE

Dist. Supt.

DATE

9-11-68

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Orig. & 2 cc: USGS, Box 959, Farmington, N.M.

2 cc: Utah OAGCC, Salt Lake City, Utah

1 cc: Bville

1 cc: Denver

1 cc: 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

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.)

| | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| <p>1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Water Injection Well</p> | <p>5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-355</p> |
| <p>2. NAME OF OPERATOR Phillips Petroleum Co.</p> | <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo</p> |
| <p>3. ADDRESS OF OPERATOR Drawer 1150, Cortez, Colorado 81321</p> | <p>7. UNIT AGREEMENT NAME SN-I-4192</p> |
| <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1900' FSL; 660' FEL Sec. 21 NE NE Sec. 21</p> | <p>8. FARM OR LEASE NAME Rutherford Unit</p> |
| <p>14. PERMIT NO.</p> | <p>9. WELL NO. 21143</p> |
| <p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4583.5 ungraded ground</p> | <p>10. FIELD AND POOL, OR WILDCAT Greater Aneth</p> |
| <p>12. COUNTY OF San Juan</p> | <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 21-41S-24E SIM</p> |
| <p>13. STATE Utah</p> | <p>12. COUNTY OF San Juan</p> |

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

| | | | | | | | | | | | | | | | | | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|--------------------------------------------|-------------------------------------------|-----------------------------------|--------------------------------------|---------------------------------------|----------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------|---------------------------------------------|------------------------------------------|-----------------------------------------------------------|---------------------------------------|----------------------------------|--|
| <p align="center">NOTICE OF INTENTION TO:</p> <table border="0" style="width:100%;"> <tr> <td>TEST WATER SHUT-OFF <input type="checkbox"/></td> <td>PULL OR ALTER CASING <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREAT <input type="checkbox"/></td> <td>MULTIPLE COMPLETE <input type="checkbox"/></td> </tr> <tr> <td>SHOOT OR ACIDIZE <input type="checkbox"/></td> <td>ABANDON* <input type="checkbox"/></td> </tr> <tr> <td>REPAIR WELL <input type="checkbox"/></td> <td>CHANGE PLANS <input type="checkbox"/></td> </tr> <tr> <td>(Other) <input type="checkbox"/></td> <td></td> </tr> </table> | TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> | FRACTURE TREAT <input type="checkbox"/> | MULTIPLE COMPLETE <input type="checkbox"/> | SHOOT OR ACIDIZE <input type="checkbox"/> | ABANDON* <input type="checkbox"/> | REPAIR WELL <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> | (Other) <input type="checkbox"/> | | <p align="center">SUBSEQUENT REPORT OF:</p> <table border="0" style="width:100%;"> <tr> <td>WATER SHUT-OFF <input type="checkbox"/></td> <td>REPAIRING WELL <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREATMENT <input type="checkbox"/></td> <td>ALTERING CASING <input type="checkbox"/></td> </tr> <tr> <td>SHOOTING OR ACIDIZING <input checked="" type="checkbox"/></td> <td>ABANDONMENT* <input type="checkbox"/></td> </tr> <tr> <td>(Other) <input type="checkbox"/></td> <td></td> </tr> </table> <p align="center">(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</p> | WATER SHUT-OFF <input type="checkbox"/> | REPAIRING WELL <input type="checkbox"/> | FRACTURE TREATMENT <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> | SHOOTING OR ACIDIZING <input checked="" type="checkbox"/> | ABANDONMENT* <input type="checkbox"/> | (Other) <input type="checkbox"/> | |
| TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> | | | | | | | | | | | | | | | | | | |
| FRACTURE TREAT <input type="checkbox"/> | MULTIPLE COMPLETE <input type="checkbox"/> | | | | | | | | | | | | | | | | | | |
| SHOOT OR ACIDIZE <input type="checkbox"/> | ABANDON* <input type="checkbox"/> | | | | | | | | | | | | | | | | | | |
| REPAIR WELL <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> | | | | | | | | | | | | | | | | | | |
| (Other) <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | |
| WATER SHUT-OFF <input type="checkbox"/> | REPAIRING WELL <input type="checkbox"/> | | | | | | | | | | | | | | | | | | |
| FRACTURE TREATMENT <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> | | | | | | | | | | | | | | | | | | |
| SHOOTING OR ACIDIZING <input checked="" type="checkbox"/> | ABANDONMENT* <input type="checkbox"/> | | | | | | | | | | | | | | | | | | |
| (Other) <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | |

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 October 3, 1968 acidized Desert Creek Zone I and II perforations 5412-24, 5436-48, 5478-84, 5490-5500, 5509-20 and 5526-46' through 2 1/2" bare steel tubing with 5000 gallons 15% acid in two equal stages with 1000 gallons salt plug between stages. Hooked back up and resumed injection.

Previous Injection Rate: 666 BWPD at 1600#.
Present Injection Rate: 3008 BWPD at 1125#.

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

SIGNED C. M. Boles TITLE District Superintendent DATE 11-25-68
C. M. Boles

(This space for Federal or State office use)

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

- Orig. & 2 cc: USGS, Farmington, N.M.**
2 cc: Utah G&GCC, Salt Lake City
1 cc: B'ville *See Instructions on Reverse Side
1 cc: Denver
1 cc: Superior, Cortez 1 cc: File

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 CORPORATION
FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
INJECT FLUID INTO THE 21W43 WELL
SEC. 21 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 <u>Ratherford Unit</u> | Well No. <u>21W43</u> | Field <u>Greater Aneth</u> | County <u>San Juan</u> |
| Location of Enhanced Recovery Injection or Disposal Well <u>21W43</u> Sec. <u>21</u> Twp. <u>41S</u> Rge. <u>24E</u> | | | |
| New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Old Well To Be Converted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date <u>5-83</u> | |
| Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>Wingate 1550'</u> | Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> | | State What <u>Oil & Gas</u> |
| Location of Injection Source(s) <u>Desert Creek Paradox I & II San Juan River</u> | Geologic Name(s) <u>Desert Creek (5567')</u> and Depth of Source(s) <u>San Juan River (Surface)</u> | | |
| Geologic Name of Injection Zone <u>Desert Creek I & II</u> | Depth of Injection Interval <u>5412</u> to <u>5546</u> | | |
| a. Top of the Perforated Interval: <u>5412</u> | b. Base of Fresh Water: <u>1550'</u> | c. Intervening Thickness (a minus b) <u>3862</u> | |
| Is the intervening thickness sufficient to show fresh water will be protected without additional data? YES NO See Attachment #4 | | | |
| Lithology of Intervening Zones <u>See Attachment #1</u> | | | |
| Injection Rates and Pressures Maximum <u>239 (12-82)</u> B/D <u>1800</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)

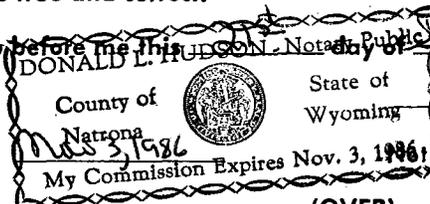
Applicant

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 3 day of Sept, 19 83

SEAL

My commission expires



State of
Wyoming

Donald L. Hudson

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 leasehold 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 | 1311 | 800 cu ft | Surface | Returns |
| Production | 5-1/2 | 5596 | 550 cu ft | 4209 | CALCULATED |
| Tubing | 2-3/8 | 5339.26 | Name - Type - Depth of Tubing Packer Baker Loc Set Pkr | | 5339.26 |
| PB Total Depth | Geologic Name - Inj. Zone | | Depth - Top of Inj. Interval | | Depth - Base of Inj. Interval |
| 5563 | Desert Creek I & II | | 5412 | | 5546 |

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

COMPLETION & TEST DATA BY PRODUCING FORMATION

DEPARTMENT OF NATURAL RESOURCES AND ENERGY

LEASE NO.

API NO. 43-037-16427

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

640 Acres
N

| | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|
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| | | | | | | | | | |

Locate Well Correctly
and Outline Lease

COUNTY San Juan SEC. 21 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. 21W43

DRILLING STARTED 10/8/59 DRILLING FINISHED 10/29/59

DATE OF FIRST PRODUCTION 11/6/59 COMPLETED 11/6/59

WELL LOCATED NE $\frac{1}{4}$ SE $\frac{1}{4}$ --- $\frac{1}{4}$
1980 FT. FROM SL OF $\frac{1}{4}$ SEC. & 660 FT. FROM WL OF $\frac{1}{4}$ SEC.

ELEVATION BERRICK FLOOR 4583.5 GROUND 4572.5

RKB

TYPE COMPLETION

Single Zone ---

Multiple Zone X

Comingled ---

LOCATION EXCEPTION

OIL OR GAS ZONES

| Name | From | To | Name | From | To |
|-----------------|------|------|------|------|----|
| Desert Creek I | 5412 | 5484 | | | |
| Desert Creek II | 5490 | 5546 | | | |

CASING & CEMENT

| Casing Set | | | | Csg. Test | Cement | | |
|------------|------|-------|--------|-----------|--------|--------|---------|
| Size | Wgt. | Grade | Feet | Psi | Sax | Fillup | Top |
| 13-3/8 | 27.1 | H-40 | 161.60 | no test | 175 | | Surface |
| 8-5/8 | 24 | J-55 | 1308 | 1200 | 800 | cu ft. | Surface |
| 5-1/2 | 14 | J-55 | 5627 | 1200 | 550 | cu ft. | 4209 |

TOTAL DEPTH 5595

PRTD 5563

PACKERS SET Baker Loc Set Pkr @ 5339.26

DEPTH ---
NOTE: THIS FORM MUST ALSO BE ATTACHED WHEN FILING PLUGGING FORM DOGM-UIC-6

| FORMATION | Desert Creek I+II | | |
|-------------------------------------------------------------------|-----------------------|---------|--|
| SPACING & SPACING ORDER NO. | 40 acre Cause #C-3(B) | | |
| CLASSIFICATION (DISPOSAL WELL, ENHANCED RECOVERY, LP GAS STORAGE) | Enhanced Recovery | | |
| PERFORATED | 5412-24 | 5509-20 | |
| | 5436-48 | 5526-46 | |
| INTERVALS | 5478-84 | | |
| | 5490-5500 | | |
| ACIDIZED? | 11-25-68 | | |
| | 5000 gal 15% | | |
| | Acid | | |
| FRACTURE TREATED? | No | | |

INITIAL TEST DATA

Converted to Injector 5-4-63

| | | | |
|----------------------------|---------|----|----|
| Date | 5-4-63 | | |
| Oil, bbl./day | -- | | |
| Oil Gravity | -- | | |
| Gas, Cu. Ft./day | -- | CF | CF |
| Gas-Oil Ratio Cu. Ft./Bbl. | -- | | |
| Water-Bbl./day | 1053 | | |
| Pumping or Flowing | flowing | | |
| CHOKE SIZE | -- | | |
| FLOW TUBING PRESSURE | vacuum | | |

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

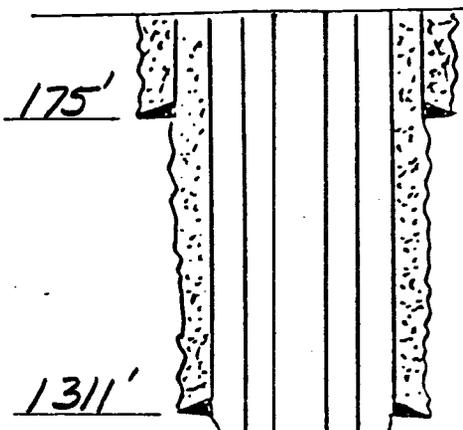
Subscribed and sworn before me this --- day of SEP 22 '83

Casper

WELL: 21W43
LOCATION: NESE Sec 21-T4S-R24E
FIELD: GREATER ANETH
RESERVOIR: Desert Creek I+II

● I COMPLETION: 5.4.63
PRESENT STATUS: W.I.

RKB 4583.5'
GL 4572.5'



SURFACE CASING: 13 3/8" 27.1#
H-40

INTERMEDIATE CASING: 8 5/8"
24# J-53

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

- PERFORATIONS:
- 5412-24
 - 5436-48
 - 5478-84
 - 5490-5500
 - 5509-20
 - 5526-46

PACKER: BAKER Loc-set
Plr @ 5339'
Tubing: 2 3/8" @ 5339'

5339'

5412'-
5546'

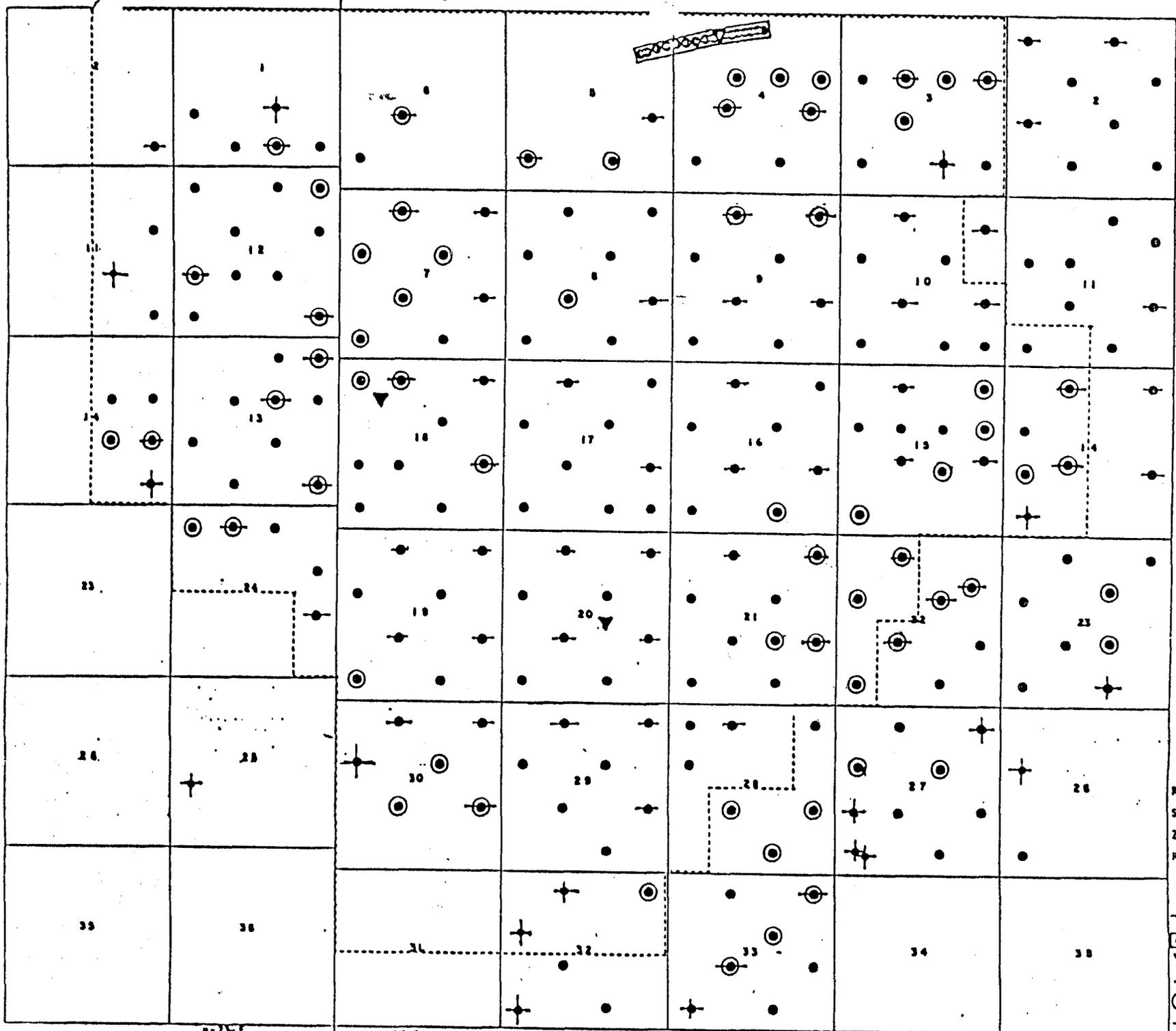
PBTD: 5563'
OTD: 5596'

5596'

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

Water Injection Well

CHEMICAL & GEOLOGICAL LABORATORIES

P. O. Box 2794
Casper, Wyoming

WATER ANALYSIS REPORT

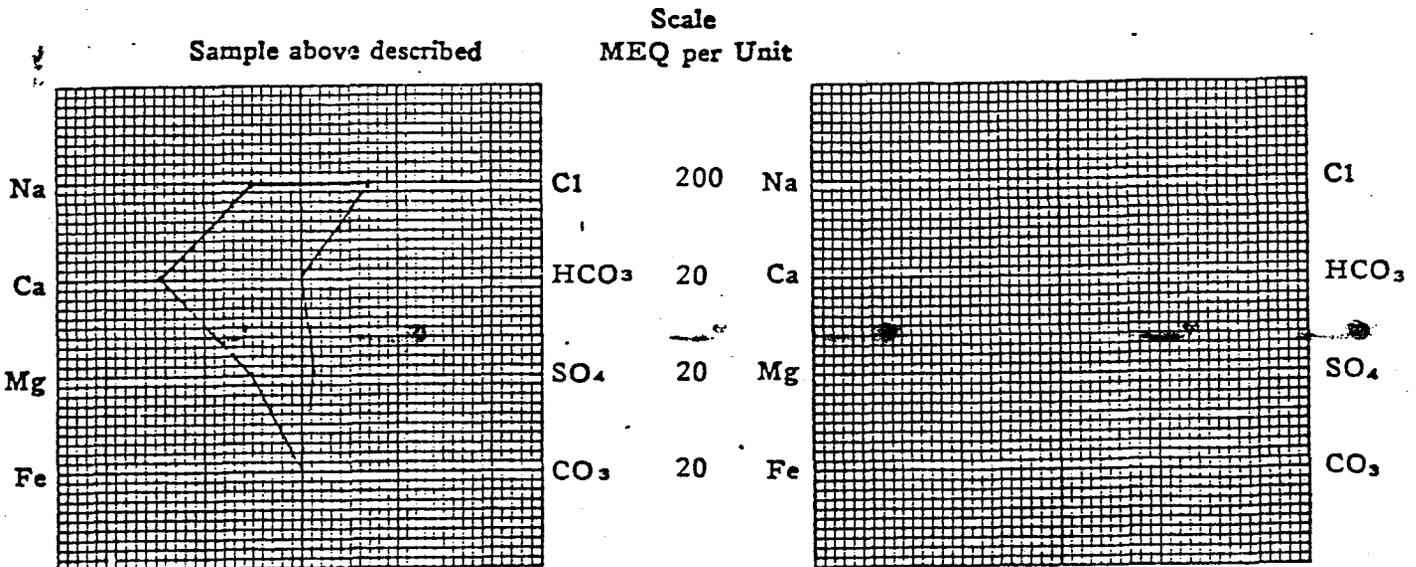
OPERATOR Phillips Petroleum Co. DATE 5-27-83 LAB NO. W30480
 WELL NO. Rutherford Unit LOCATION _____
 FIELD _____ FORMATION _____
 COUNTY San Juan INTERVAL _____
 STATE Utah SAMPLE FROM _____

REMARKS & CONCLUSIONS: Specific gravity @68°F ----- 1.0646
 Oil and grease, mg/l ----- 2.5
 Aluminum (Al), mg/l ----- 0.90
 Iron (Fe), mg/l ----- 0.3
 Total Sulfides, mg/l ----- ND(0.1)

| Cations | | | Anions | | |
|---------------|-------|---------|------------------|-------|---------|
| | mg/l | meq/l | | mg/l | meq/l |
| Sodium | 24574 | 1068.99 | Sulfate | 1190 | 24.75 |
| Potassium | 396 | 10.14 | Chloride | 52000 | 1466.40 |
| Lithium | - | - | Carbonate | 0 | 0.00 |
| Calcium | 5982 | 298.50 | Bicarbonate | 190 | 3.12 |
| Magnesium | 1419 | 116.64 | Hydroxide | - | - |
| Iron | - | - | Hydrogen sulfide | - | - |
| Total Cations | | 1494.27 | Total Anions | | 1494.27 |

Total dissolved solids, mg/l ----- 85655
 NaCl equivalent, mg/l ----- 86344
 Observed pH ----- 7.4
 Specific resistance @ 68°F.:
 Observed ----- 0.095 ohm-meters
 Calculated ----- 0.086 ohm-meters

WATER ANALYSIS PATTERN



(Na value in above graphs includes Na, K, and Li)
 NOTE: Mg/l=Milligrams per liter Meq/l= Milligram equivalents per liter
 Sodium chloride equivalent=by Dunlap & Hawthorne calculation from components

Formation Water

CHEMICAL & GEOLOGICAL LABORATORIES

P. O. Box 2794
Casper, Wyoming

WATER ANALYSIS REPORT

OPERATOR Phillips Petroleum Company DATE 7-22-83 LAB NO. W30636
 WELL NO. Ratherford Unit LOCATION _____
 FIELD _____ FORMATION _____
 COUNTY San Juan INTERVAL _____
 STATE Utah SAMPLE FROM Battery #1 Free water knockout
(7-5-83) @ 10:35
S/N 28568

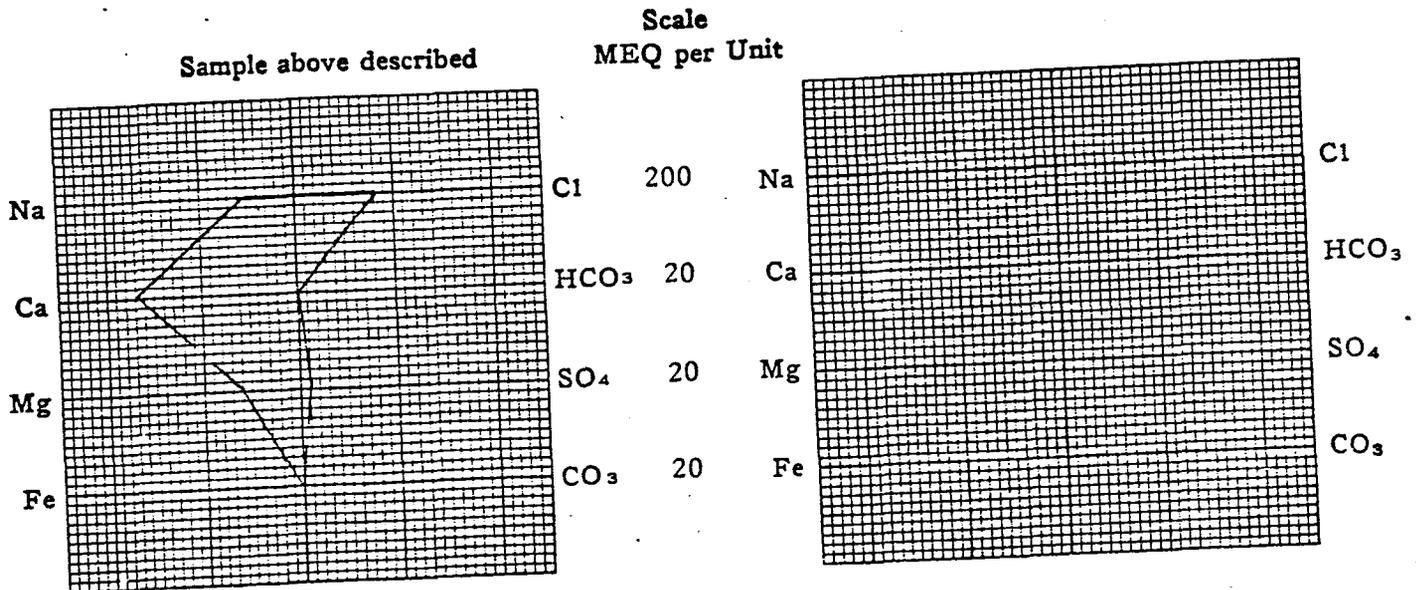
REMARKS & CONCLUSIONS: _____

| Cations | | | Anions | | |
|----------------------|-------|----------------|---------------------|-------|----------------|
| | mg/l | meq/l | | mg/l | meq/l |
| Sodium | 30147 | 1311.38 | Sulfate | 1380 | 28.70 |
| Potassium | 429 | 10.98 | Chloride | 63000 | 1776.60 |
| Lithium | -- | -- | Carbonate | 0 | 0.00 |
| Calcium | 6865 | 342.56 | Bicarbonate | 151 | 2.48 |
| Magnesium | 1738 | 124.86 | Hydroxide | -- | -- |
| Iron | -- | -- | Hydrogen sulfide | -- | -- |
| Total Cations | | 1807.78 | Total Anions | | 1807.78 |

| | |
|------------------------------|--------|
| Total dissolved solids, mg/l | 103633 |
| NaCl equivalent, mg/l | 104549 |
| Observed pH | 7.3 |

| Specific resistance @ 68°F.: | |
|------------------------------|------------------|
| Observed | 0.087 ohm-meters |
| Calculated | 0.078 ohm-meters |

WATER ANALYSIS PATTERN



(Na value in above graphs includes Na, K, and Li)
 NOTE: Mg/l = Milligrams per liter Meq/l = Milligram equivalents per liter
 Sodium chloride equivalent = by Dunlap & Hawthorne calculation from components

CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW

Operator: Phillips Well No. Rathford Unit 21W43
 County: Sanderson T 41S R 24E Sec. 21 API# 43-03746427
 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>85655</u> |
| Analysis of Water in Formation to be injected into | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | TDS <u>103633</u> |
| Known USDW in area | <u>Wingate</u> | Depth <u>1550</u> | |
| Number of wells in area of review | <u>9</u> | Prd. <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 <input type="checkbox"/> | Type <input type="checkbox"/> | |

Comments: TOC 4209

Reviewed by: 

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

OPERATOR: Phillips Petroleum Company

FIELD: Greater Aneth LEASE: Rutherford Unit

WELL # 21W43 SEC. 21 TOWNSHIP 41S RANGE 24E

STATE (FED.) FEE DEPTH 5563 TYPE WELL INJW MAX. INJ. PRESS. 1800 psi

TEST DATE 6/17/86

| CASING STRING | SIZE | SET AT | CMT | PRESSURE READINGS | REMARKS | FUTURE |
|---------------------|------------------------------------|-------------|--------------------------|-------------------|-----------|--------|
| <u>SURFACE</u> | <u>13³/₈</u> | <u>175</u> | <u>175</u> | | <u>ST</u> | |
| <u>INTERMEDIATE</u> | <u>8⁵/₈</u> | <u>1311</u> | <u>800ft³</u> | | | |
| <u>PRODUCTION</u> | <u>5¹/₂</u> | <u>5596</u> | <u>5504³</u> | | | |

TUBING 2³/₈ 5339.26
Baker Loc-Set Pkr at 5339.26

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

TUBING

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

TUBING

**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.)

| | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER WATER INJECTION & WATER SUPPLY WELLS</p> <p>2. NAME OF OPERATOR PHILLIPS PETROLEUM COMPANY</p> <p>3. ADDRESS OF OPERATOR 152 N. DURBIN, 2ND FLOOR, CASPER, WYOMING-82601</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SEE ATTACHED</p> | | <p>5. LEASE DESIGNATION AND SERIAL NO. SW-I-4192</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME </p> <p>7. UNIT AGREEMENT NAME RATHERFORD UNIT #7960041920</p> <p>8. FARM OR LEASE NAME </p> <p>9. WELL NO. VARIOUS (see attached)</p> <p>10. FIELD AND POOL, OR WILDCAT GREATER ANETH</p> <p>11. SEC., T., R., N., OR BLK. AND SURVEY OR AREA Sections 1 thru 30 T41S - R23E & 24E</p> <p>12. COUNTY OR PARISH San Juan</p> <p>13. STATE Utah</p> |
| <p>14. PERMIT NO. </p> | <p>15. ELEVATIONS (Show whether DV, RT, OR, etc.) OIL, GAS & MINING</p> | |

RECEIVED
MAR 20 1989

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

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|----------------------------------------------|-----------------------------------------------|-------------------------------------------------------------------------------------------------------|------------------------------------------|
| TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> | WATER SHUT-OFF <input type="checkbox"/> | REPAIRING WELL <input type="checkbox"/> |
| FRACTURE TREAT <input type="checkbox"/> | MULTIPLE COMPLETE <input type="checkbox"/> | FRACTURE TREATMENT <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input type="checkbox"/> | ABANDON* <input type="checkbox"/> | SHOOTING OR ACIDIZING <input type="checkbox"/> | ABANDONMENT* <input type="checkbox"/> |
| REPAIR WELL <input type="checkbox"/> | CHANGE PLANE <input type="checkbox"/> | (Other) CHANGE OF OWNERSHIP <input checked="" type="checkbox"/> | |
| (Other) <input type="checkbox"/> | | (NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) | |

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

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 S. H. Oden TITLE District Superintendent DATE March 17, 1989

(This space for Federal or State office use)

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

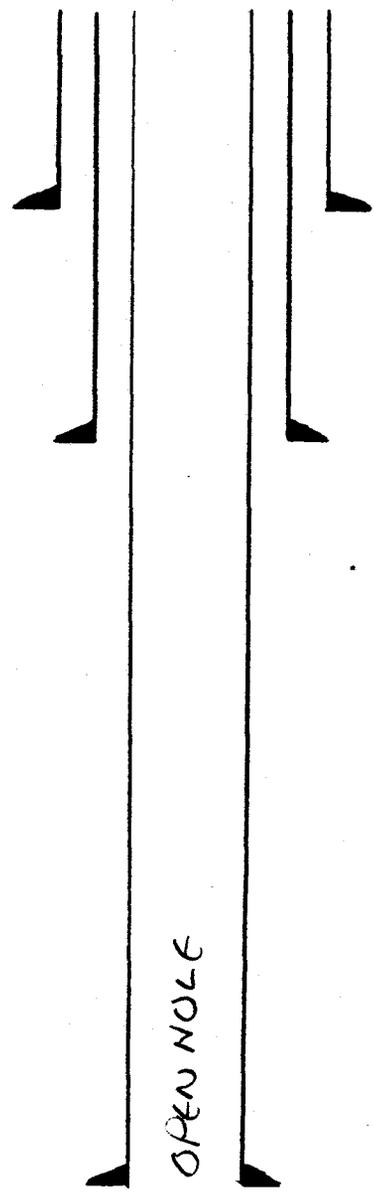
*See Instructions on Reverse Side

DOWNHOLE SCHEMATIC

Date: 8/6/87

RATHERFORD Unit # 21W43
 RKB Elev. 4596'
 GL Elev. 4585'
 RKB Above GL' 10'

Location NE SE Sec. 21
T415-R24E
 Well Drld 10/28/59
 Well converted to injector 5/17/63



CONDUCTOR Csg 1 3/8 @ 175'

SURFACE Csg. 8 5/8 @ 1,311'

TOC 4016' CALC.

Tubing 2 1/2 @ 5342' Marlex lined
 PACKER BAKER LULC-SET PKR.
@ 5342

| | | |
|-------|--------------------|-------------------|
| PERFS | <u>5412 - 24</u> | <u>5509 - 20</u> |
| | <u>5436 - 48</u> | <u>5526 - 44</u> |
| | <u>5478 - 84</u> | <u> </u> |
| | <u>5490 - 5500</u> | <u> </u> |

PBTD 5563'

PRODUCTION Csg. 5 1/2 @ 5396'
J-55, 14#

All PERFS ZONE I UNLESS NOTED

42 SHEETS 1 SQUARE
 42 SHEETS 1 SQUARE
 42 SHEETS 1 SQUARE
 NATIONAL

Mobil Oil Corporation

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

May 14, 1986

RECEIVED
MAY 16 1986

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

Attn: R. J. Firth
Associate Director

DIVISION OF
OIL, GAS & MINING

SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

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

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

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

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

Very truly yours,



R. D. Baker
Environmental Regulatory Manager

CNE/rd
CNE8661

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

ACCOUNT NUMBER: N0772

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

RECEIVED

AUG 16 1993

REPORT PERIOD (MONTH/YEAR):

6 / 93

DIVISION OF
OIL, GAS & MINING

AMENDED REPORT (Highlight Changes)

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

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

MONTHLY OIL AND GAS DISPOSITION REPORT

OPERATOR NAME AND ADDRESS:

L.S. SHEFFIELD
~~BRIAN BERRY~~
~~M E P N A 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.
Jec*

| 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: L. B. Sheffield

Telephone Number: 303 865 2212
~~244 158 2528~~

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

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

RECEIVED

SEP 15 1993

DIVISION OF
OIL, GAS & MINING

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

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

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

* Must be accompanied by a cement verification report.

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

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

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

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Sept 29, 1993

TO: Lisha Cordova - Utah Mining
Oil & Gas

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

Here is copy of Rutherford Unit
Successor Operator,

4 pages including this one.

File: Rutherford Unit (GC)

RECEIVED
BLM

JUL 27 AM 11:44

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

070 FARMINGTON, NM

ARES/543

JUL 26 1993

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

| |
|-------------------|
| MINERALS DIVISION |
| NO. 188 |
| DATE |
| BY |
| 3 |
| 2 |
| ALL COPY |
| FILE |

Dear Mr. Cox:

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

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

Sincerely,

ACTING Area Director

Enclosure

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF INDIAN AFFAIRS

RECEIVED
BLM

DESIGNATION OF OPERATOR

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

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

JUN 27 11:44
070 FARMINGTON, NM

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

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

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

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

Attached hereto as Exhibit "A"

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

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

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

Attached is the appropriate documentation relevant to this document.

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

Phillips Petroleum Company

June 17, 1993

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

Mobil Exploration and Producing
North America Inc.

June 11, 1993

By: B. D. [Signature]
Attorney-in-Fact B.D. MARTINY

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

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

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

EXHIBIT "A"

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

EXHIBIT "C"

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

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

OCT 25 1993

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

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 ITC 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 MAIN-)
 TENANCE PROGRAM FOR THE RATHERFORD)
 UNIT IN THE GREATER ANETH AREA,)
 SAN JUAN COUNTY, UTAH)

CAUSE NO. 63

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, 31E4

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

TOWNSHIP 41 SOUTH, RANGE 24 EAST, 31E4

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

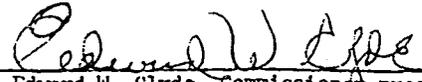
2. The plan and program of water injection pressure maintenance operations proposed by applicant in its application filed herein should be and the same is hereby approved and the unit operator is authorized to proceed with and under such plan and program as soon as the Rutherford Unit Agreement becomes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

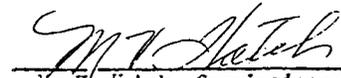
and shall be subject to approval by the Commission or its delegated representative, which approval may be given without notice or hearing, unless otherwise ordered or directed by the Commission.

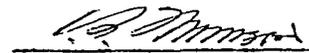
Dated this 13th day of September, 1961.

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

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

| |
|---------------------------|
| Routing: |
| 1. REC/47-93 |
| 2. DEPT 58-APR |
| 3. VLC |
| 4. RJFV |
| 5. DEPT |
| 6. APR |

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

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

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

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

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

| | | | | | | |
|-------------------------------|--------------------------|---------------|-----------|-----------|-----------|-------------------|
| Name: **SEE ATTACHED** | API: <u>43-037-16427</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.

FILED

- 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.

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

paid

paid

paid

paid

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File _____

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

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

Other
OPER NM CHG _____

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

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

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

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

4. Highlights of Conversation: _____

OPERATOR NAME IS BEING CHANGED FROM M E P N A (MOBIL EXPLORATION AND PRODUCING
NORTH AMERICA INC) TO MOBIL EXPLOR & PROD. THE NAME CHANGE IS BEING DONE AT
THIS TIME TO ALLEVIATE CONFUSION, BOTH IN HOUSE AND AMONGST THE GENERAL PUBLIC.
*SUPERIOR OIL COMPANY MERGED INTO M E P N A 4-24-86 (SEE ATTACHED).

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

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

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

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

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

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

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

| | | | | | | |
|---------------------------------|-----------------------|---------------|-----------|-----------|-----------|-------------------|
| Name: <u>** SEE ATTACHED **</u> | API: <u>037-16427</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)
- LWP 6. Cardex file has been updated for each well listed above. 8-21-95
- LWP 7. Well file labels have been updated for each well listed above. 9-28-95
- 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

- Le* 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/Le* 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 UIC F5/Not necessary!

STATE OF UTAH
INVENTORY OF INJECTION WELLS

| OPERATOR | API NO. | WELL | TNS | RGE | SE | WELLTYPE | INDIAN COUNT |
|----------------|--------------|-------|-----|-----|----|----------|--------------|
| ***** | ***** | ***** | *** | *** | ** | ***** | ***** |
| ✓ MEPNA (MOBIL | 43-037-15722 | 16W23 | 41S | 24E | 16 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-16414 | 16W21 | 41S | 24E | 16 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-16416 | 17W21 | 41S | 24E | 17 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-15726 | 17W12 | 41S | 24E | 17 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-15731 | 17W41 | 41S | 24E | 17 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-16417 | 17W43 | 41S | 24E | 17 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-15728 | 17W23 | 41S | 24E | 17 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-15730 | 17W34 | 41S | 24E | 17 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-15729 | 17W32 | 41S | 24E | 17 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-15727 | 17W14 | 41S | 24E | 17 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-31153 | 18W12 | 41S | 24E | 18 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-15737 | 18W34 | 41S | 24E | 18 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-15736 | 18W32 | 41S | 24E | 18 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-30244 | 18W23 | 41S | 24E | 18 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-15735 | 18W14 | 41S | 24E | 18 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-16418 | 18W21 | 41S | 24E | 18 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-15738 | 18W41 | 41S | 24E | 18 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-15741 | 19W21 | 41S | 24E | 19 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-15742 | 19W23 | 41S | 24E | 19 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-15745 | 19W41 | 41S | 24E | 19 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-16420 | 19W43 | 41S | 24E | 19 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-15748 | 20W23 | 41S | 24E | 20 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-15751 | 20W41 | 41S | 24E | 20 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-16423 | 20W21 | 41S | 24E | 20 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-16424 | 20W43 | 41S | 24E | 20 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-16427 | 21W43 | 41S | 24E | 21 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-16425 | 21W21 | 41S | 24E | 21 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-16431 | 28W21 | 41S | 24E | 28 | INJI | Y |
| ✓ MEPNA (MOBIL | 43-037-16433 | 29W41 | 41S | 24E | 29 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-16432 | 29W21 | 41S | 24E | 29 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-15338 | 29W23 | 41S | 24E | 29 | INJI | Y |
| ✓ MEPNA (MOBIL | 43-037-16434 | 29W43 | 41S | 24E | 29 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-15343 | 30-41 | 41S | 24E | 30 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-16435 | 30W21 | 41S | 24E | 30 | INJI | -- |

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

Use "APPLICATION FOR PERMIT - " for such proposals

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

5. Lease Designation and Serial No.

14-20-603-355

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

RATHERFORD UNIT

8. Well Name and No.

RATHERFORD 21-W-43

9. API Well No.

43-037-16427

10. Field and Pool, or exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN UT

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other INJECTOR

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

3. Address and Telephone No.

P.O. Box 633, Midland, TX 79702 915-688-2585

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

1980' FSNL & 660' FEL
SEC.21, T41S, R24E

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

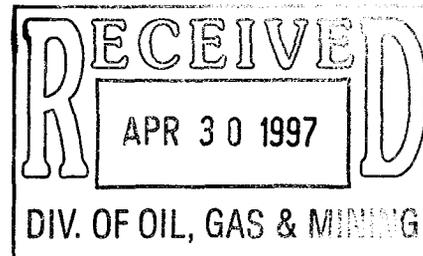
- Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other _____
- Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water

(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.)*

MOBIL REQUEST CONTINUED SHUT IN STATUS AS WELL IS BEING EVALUATED FOR FUTURE WATER FLOOD USE. LOW PRESSURE ZONE IN 1-2. WELL IS BEING EVALUATED FOR UP COMING CO2 PROJECT.

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



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

Signed Shuley Houchins

Title ENV. & REG. TECHNICIAN

Date 04-22-97

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

14-20-603-355

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

RATHERFORD UNIT

8. Well Name and No.

RATHERFORD 21 W 43

9. API Well No.

43-037-16427

10. Field and Pool, or exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN UT

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator MOBIL PRODUCING TX & NM INC.*

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

3. Address and Telephone No.

P.O. Box 633, Midland TX 79702

(915) 688-2585

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

1980' FSL, 660' FEL

SEC. 21, T41S, R24E

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent

Subsequent Report

Final Abandonment Notice

Abandonment

Recompletion

Plugging Back

Casing Repair

Altering Casing

Other

Change of Plans

New Construction

Non-Routine Fracturing

Water Shut-Off

Conversion to Injection

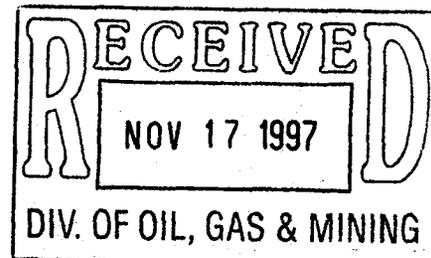
Dispose Water

(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.)*

MOBIL IS REQUESTING AN EXTENSION OF TA STATUS. THIS WELL WILL BE UTILIZED FOR THE CO2 EXPANSION.

TEST WAS SCHEDULED AUGUST 1997, WILL SUBMIT CHART, IF WELL HAS NOT HAD A MIT, A TEST WILL BE DONE AND SUBMITTED



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

Signed Shirley Houchins

Title SHIRLEY HOUCHINS/ENV & REG TECH

Date 11-11-97

(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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

Use "APPLICATION FOR PERMIT - " for such proposals

5. Lease Designation and Serial No.

14-20-603-355

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

RATHERFORD UNIT

8. Well Name and No.

RATHERFORD 21-W-43

9. API Well No.

43-037-16427

10. Field and Pool, or exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN UT

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

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

3. Address and Telephone No.

P.O. Box 633, Midland TX 79702 (915) 688-2585

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

SEC. 21, T41S, R24E
(NE/NE)1980' FSL & 660' FEL

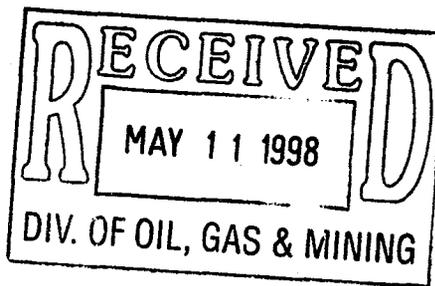
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| 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 checked="" type="checkbox"/> Other MIT TESTS |
| | <input type="checkbox"/> Change of Plans |
| | <input type="checkbox"/> New Construction |
| | <input type="checkbox"/> Non-Routine Fracturing |
| | <input type="checkbox"/> Water Shut-Off |
| | <input type="checkbox"/> Conversion to Injection |
| | <input type="checkbox"/> Dispose Water |

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

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

SEE ATTACHED MIT AND CHART.



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

Signed Shirley Houchins Title SHIRLEY HOUCHINS/ENV & REG TECH Date 5-13-98

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

ANNULAR PRESSURE TEST

(Mechanical Integrity Test)

Operator Mobil E. & P., Inc Date of Test 7-28-97
 Well Name RU # 21W-43 EPA Permit No. _____
 Location Sec. 21, T41S-R24E Tribal Lease No. 14-20-603-355
 State and County San Juan County, UT

Continuous Recorder? YES NO Pressure Gauge? YES NO
 Bradenhead Opened? YES NO Fluid Flow? YES NO

| <u>TIME</u> | <u>ANNULUS PRESSURE, psi</u> | <u>TUBING PRESSURE, psi</u> |
|-------------|------------------------------|-----------------------------|
| <u>4:00</u> | <u>1120</u> | <u>900</u> |
| <u>4:05</u> | <u>1120</u> | <u>900</u> |
| <u>4:10</u> | <u>1120</u> | <u>900</u> |
| <u>4:20</u> | <u>1115</u> | <u>900</u> |
| <u>4:30</u> | <u>1115</u> | <u>900</u> |
| | | |
| | | |

MAX. INJECTION PRESSURE: _____ PSI
 MAX. ALLOWABLE PRESSURE CHANGE: _____ PSI (TEST PRESSURE X 0.05)
 REMARKS: Passed? Failed? If failed, cease injection until well passes MIT (40CFR§144.21(c)(6)).

*WELL WAS SHUT-IN PRIOR TO TEST
 PASSED M.I.T.*

RICK ANTHUR [Signature] 7-28-97
 COMPANY REPRESENTATIVE: (Print and Sign) DATE
Melvin Capitan Jr. [Signature] 7-28-97
 INSPECTOR: (Print and Sign) DATE

U.S. ENVIRONMENTAL PROTECTION AGENCY

NOTICE OF INSPECTION

| | | |
|---------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Address (EPA Regional Office) Region 9 Environmental Inspection Agency 215 Fremont Street (W-6-2) San Francisco, CA 94105 | Inspection Contractor Navajo EPA THE CALMUS GROUP, INC. CORPORATE OFFICE XXXXXX XXXXXX Waltham, MA 02154 XXXXXX | Firm To Be Inspected Mobil E.&P., Inc. P.O. Box Dawer G Cortez, Co 81321 |
|---------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|

| | |
|---------------------|------------------------------------------------------------------------------------------------------------------------------|
| Date <i>7-28-97</i> | Notice of inspection is hereby given according to Section 1445(b) of the Safe Drinking Water Act (42 U.S.C. §300 f et seq.). |
| Hour <i>8:30 AM</i> | |

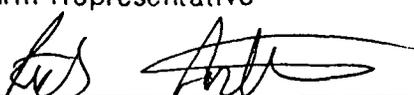
Reason For Inspection

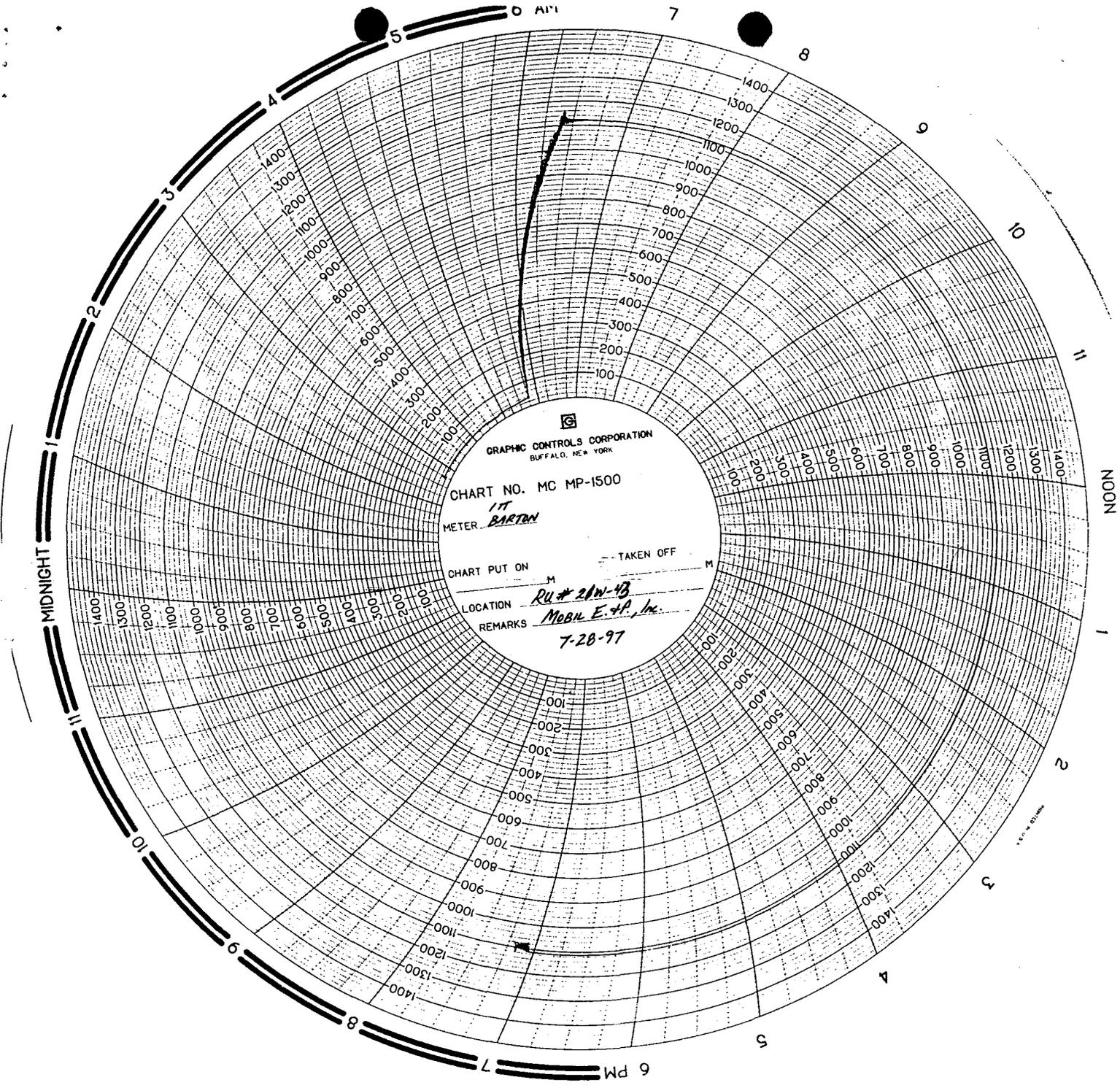
For the purpose of inspecting records, files, papers, processes, controls and facilities, and obtaining samples to determine whether the person subject to an applicable underground injection control program has acted or is acting in compliance with the Safe Drinking Water Act and any applicable permit or rule.

RU # 7W-32, WATER INJECTION WELL, M.I.T. - PASSED
RU # 18W-21, WATER INJECTION WELL, M.I.T. - PASSED
RU # 18W-43B, WATER INJECTION WELL, M.I.T. - PASSED
RU # 19W-43, WATER INJECTION WELL, M.I.T. - PASSED
RU # 20W-21, WATER INJECTION WELL, M.I.T. - PASSED
RU # 20W-23, WATER INJECTION WELL, M.I.T. - PASSED
RU # 20W-41, WATER INJECTION WELL, M.I.T. - PASSED
RU # 21W-43, WATER INJECTION WELL, M.I.T. - PASSED

Section 1445(b) of the SDWA (42 U.S.C. §300 i-4 (b) is quoted on the reverse of this form.

Receipt of this Notice of Inspection is hereby acknowledged.

| | | |
|-----------------------------------------------------------------------------------------------------------|------------------------|----------------------------------------------------------------------------------------------------|
| Firm Representative  | Date <i>7-28-97</i> | Inspector  |
|-----------------------------------------------------------------------------------------------------------|------------------------|----------------------------------------------------------------------------------------------------|



GRAPHIC CONTROLS CORPORATION
BUFFALO, N. Y.

CHART NO. MC MP-1500
117
METER. BARTON

CHART PUT ON _____ M --- TAKEN OFF _____ M

LOCATION RU # 21N-43

REMARKS MOBIL E. & P. Inc.
7-28-97

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation
RATHERFORD UNIT

8. Well Name and No.
RATHERFORD 21-W-43

9. API Well No.
43-037-16427

10. Field and Pool, or exploratory Area
GREATER ANETH

11. County or Parish, State
SAN JUAN UT

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SEC. 21, T41S, R24E
(NE/NE) 1980' FSL & 660' FEL

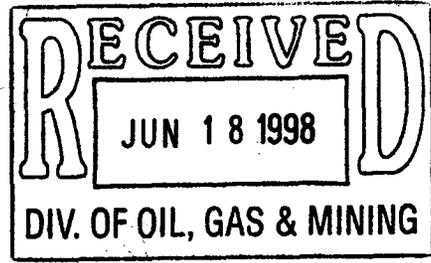
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

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

MOBIL IS REQUESTING AN EXTENSION OF TA STATUS. THIS WELL WILL BE UTILIZED FOR THE CO2 EXPANSION.
THE MIT WAS DONE JULY 28, 1997 & ACCEPTED FOR RECORD MAY 14, 1998.



14. I hereby certify that the foregoing is true and correct
Signed Shirley Houchins for Title SHIRLEY HOUCHINS/ENV & REG TECH Date 6-16-98

(This space for Federal or State office use)
Approved by **Accepted by the** Title _____ Date _____
Conditions of approval, if any: **Utah Division of**
Oil, Gas and Mining

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 in which the United States has a pecuniary interest.

FOR RECORD ONLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

Use "APPLICATION FOR PERMIT - " for such proposals

5. Lease Designation and Serial No.

14-20-603-355

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

RATHERFORD UNIT

8. Well Name and No.

RATHERFORD 21-W-43

9. API Well No.

43-037-16427

10. Field and Pool, or exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN UT

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

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

3. Address and Telephone No.

P.O. Box 633, Midland TX 79702 (915) 688-2585

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

SEC. 21, T41S, R24E
(NE/NE) 1980' FSL & 660' FEL

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

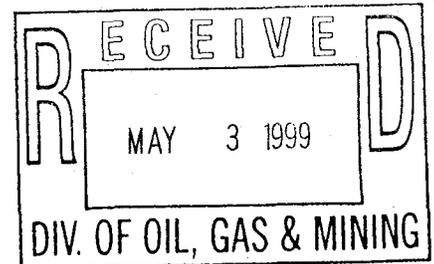
TYPE OF ACTION

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other SI EXTENSION

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.)*

MOBIL IS REQUESTING CONTINUED SHUT-IN STATUS. THIS WELL WILL BE UTILIZED FOR THE CO2 EXPANSION.



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

Signed Shirley Houchins for Title SHIRLEY HOUCHINS/ENV & REG TECH Date 4-30-99

(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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires: July 31, 1996

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 **21W43**

9. API Well No.
43-037-16427

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 WELL**

2. Name of Operator

Exxon Mobil Corporation

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

3b. Phone No. (include area code)
(713) 431-1197

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

SEC. 21, T41S, R24E (NE/NE) 1980' FSL & 660' FEL

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 checked="" type="checkbox"/> Other MIT RESULTS |
| | <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.)

MIT results and chart are attached.

RECEIVED

MAY 09 2000

DIVISION OF
OIL, GAS AND MINING

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

Ellen M. Carroll

Title

Sr. Staff Office Assistant

Signature

Ellen M. Carroll

Date

05/05/2000

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)

ANNULAR PRESSURE TEST

(Mechanical Integrity Test)

Operator EXXON MOBIL US WEST Date of Test 1-25-2000
 Well Name RATHERFORD UNIT WELL # 21W-43 EPA Permit No. _____
 Location NESE SEC 21, T41S, R24E Tribal Lease No. 1420 603355
 State and County SAN JUAN COUNTY, UTAH

Continuous Recorder? YES NO Pressure Gauge? YES NO
 Bradenhead Opened? YES NO Fluid Flow? YES NO

| TIME | ANNULUS PRESSURE, psi | | TUBING PRESSURE, psi |
|---------|-----------------------|--------------------|----------------------|
| | 0-2000psi gauge | 0-1500psi recorder | 0-3000psi gauge |
| 2:56 pm | 1485 | 1465 | 1149 |
| 3:01 pm | 1485 | 1465 | 1149 |
| 3:06 pm | 1485 | 1462 | 1149 |
| 3:11 pm | 1485 | 1460 | 1149 |
| 3:16 pm | 1485 | 1460 | 1149 |
| 3:21 pm | 1485 | 1460 | 1149 |
| 3:26 pm | 1484 | 1458 | 1149 |

MAX. INJECTION PRESSURE: 3000 PSI
 MAX. ALLOWABLE PRESSURE CHANGE: 74.25 PSI (TEST PRESSURE X 0.05)
 REMARKS: Passed? Failed? If failed, cease injection until well passes MIT (40CFR§144.21(c)(6)).

Fluid from bradenhead was bled off into truck.

Well was shutting, inactive.

PASSED MIT

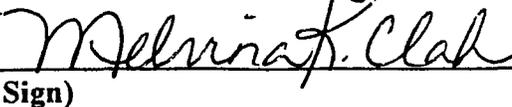
RECEIVED

MAY 09 2000

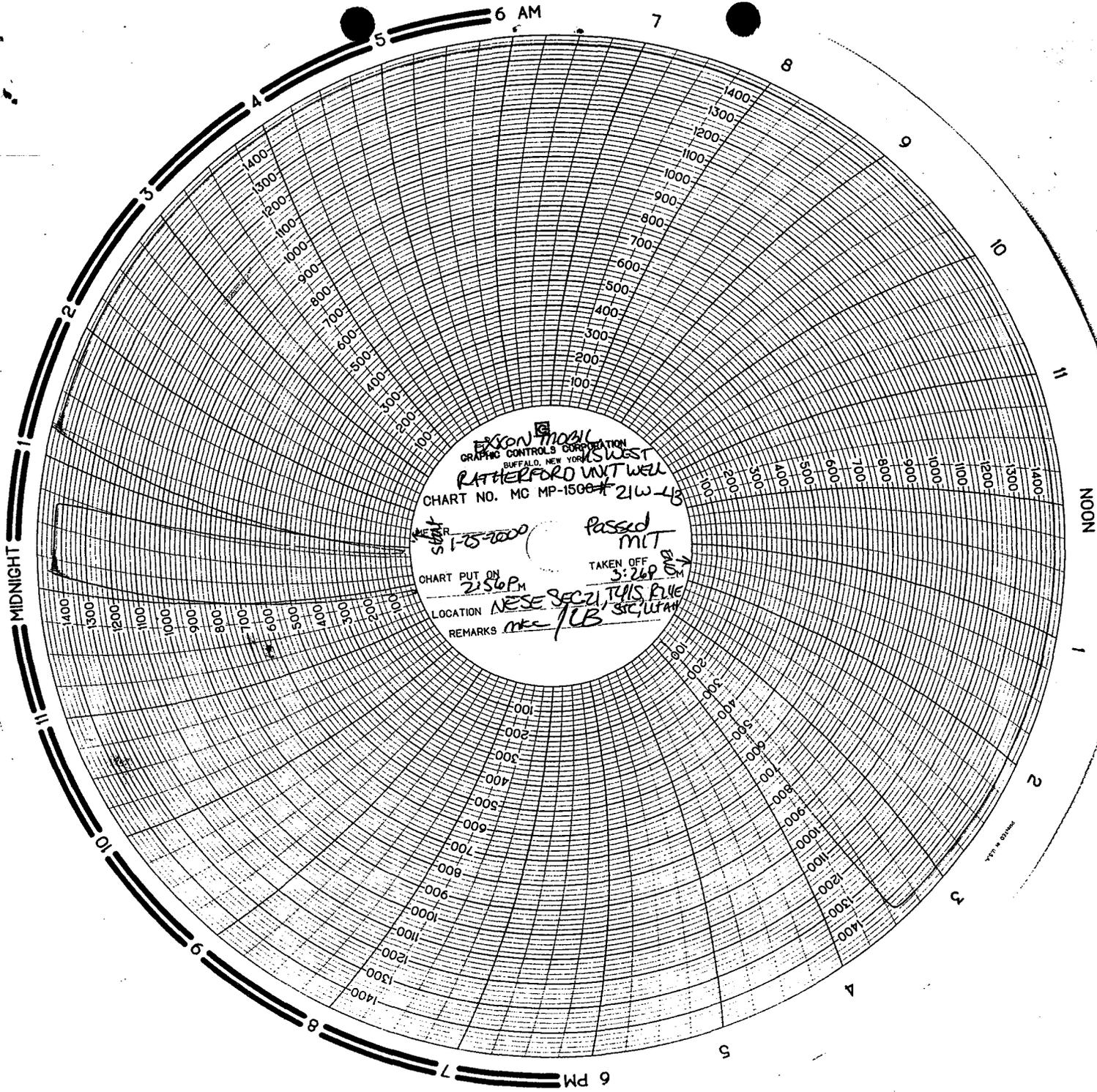
DIVISION OF
OIL, GAS AND MINING

Callison Blackson 
 COMPANY REPRESENTATIVE: (Print and Sign)

1/25/00
 DATE

MELVINA K. CLAH 
 INSPECTOR: (Print and Sign)

1-25-2000
 DATE



RECEIVED
 MAY 09 2000
 DIVISION OF
 OIL, GAS AND MINING

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.
Rutherford Unit

8. Well Name and No.
Rutherford Unit 21-W-43

9. API Well No.
43-037-16427

10. Field and Pool, or Exploratory Area
Greater Aneth

11. County or Parish, State
San Juan, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Mobil Producing TX & NM Inc*
*Mobil Exploration & Producing US Inc as agent for MPTM

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

3b. Phone No. (include area code)
713-431-1022

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1980' FSL & 660' FEL Sec. 21-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 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 the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection)

Exxon Mobil Corporation plans to Plug & Abandon this well.
P&A procedures will be submitted to the BLM By June 30, 2000.

RECEIVED

MAY 30 2000

DIVISION OF
OIL, GAS AND MINING

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

Title EHS Advisor

Signature

Mark Del Pico

Date 5/25/00

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By
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

Office

Accepted by the
Utah Division of
Oil, Gas and Mining

FOR RECORD ONLY

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.

COPY SENT TO OPERATOR
Date: 5-31-00
Initials: GFD

Federal Approval of this
Action is Necessary

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator **MOBIL PRODUCING TX & NM INC.***

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

3b. Phone No. (include area code)
713-431-1798

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**Sec 21, T41S, R24E
 (NE/NE) 1980' FSL & 660' FEL**

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 21-W-43

9. API Well No.

43-037-16427

10. Field and Pool, or Exploratory Area
Greather Aneth

11. County or Parish, State

San Juan UT

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|-------------------------------------------------------|-----------------------------------------------|-------------------------------------------|----------------------------------------------------|---------------------------------------------------------------|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input 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 checked="" type="checkbox"/> Other <u>SI Extension</u> |
| | <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 Coompleted Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

* ExxonMobil Production Comp. A division of Exxon Mobil Corp. on behalf of Mobil Producing T.X. & N.M.

ExxonMobil requests extension of the SI status of this well. This well is to be utilized in the CO2 expansion to the Ratherford Unit.

Accepted by the
Utah Division of
Oil, Gas and Mining

Federal Approval Of This
Action Is Necessary

RECEIVED

JUN 18 2001

DIVISION OF
OIL, GAS AND MINING

Date: 7/20/01

By: Patti A. Sandova

P&A complete 6/12/01 - Sundra rec'd 7/23/01 OKD 8/29/01

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

Name (Printed/Typed)
Patti A. Sandova

Title

Sr. Staff Office Assistant

Date **06/15/01**

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)

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File _____
Rutherford unit Wells
(Loc.) Sec _____ Twp _____ Rng _____
(API No.) _____

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

Other _____

1. Date of Phone Call: _____ Time: _____

2. DOGM Employee (name) DUSTIN DOUCET (Initiated Call)
Talked to:
Name Steve Mason (Initiated Call) - Phone No. (505) 579-6364
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 (~~23~~ 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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires: July 31, 1996

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 21W43

9. API Well No.
43-037-16427

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
Mobil Producing TX. & N.M. Inc.

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

3b. Phone No. (include area code)
(713) 431-1208

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1980' FSL & 660' FEL SEC. 21-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 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 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.)

PLEASE APPROVE THE ATTACHED PROCEDURES FOR THE ABOVE WELL.

RECEIVED
JUN 21 2000
DIVISION OF
OIL, GAS AND MINING

COPY SENT TO OPERATOR

Date: 6-23-00
Initials: CHD

* Exxon Mobil Production Comp.
A division of Exxon Mobil Corp.
On behalf of
Mobil Producing TX & NM, Inc.

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

Name (Printed/Typed) **Yasmin N. Medhora** Title **Regulatory Specialist**

Signature *Y. N. Medhora* Date **06/20/2000**

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

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.

Ratherford 21-43

GENERAL PROCEDURES.

Note – Drilling Fluids

- Keep all particulate materials out of curves and laterals if at all possible.
- Minimize the use of particulate muds (carbonates) if possible.
- If CaCl₂ brine is used, then add 0.1% by volume of safebreak CBF to brine. This will break any emulsion that forms.
- If particulate muds (carbonate mud) is used, minimize the use of non-acid soluble materials such as barite. Use barite weighted carbonate mud only when necessary.

Note – Call ahead (at least 48hrs prior to testing) to the Navajo EPA and BLM so that they have time to find a witness for the MIT test if needed once the injection string is run back in. The backside should be tested to 1000psi with no more than a 10% loss in 30minutes if a successful test is to be obtained. The test should be charted and an original copy sent to Ellen Carroll (713-431-1197) in Houston, Tx.

- (1) Prior to MIRU blow down well in pit or bobtail until tbg pressure drops below 500psi and csg pressure drops to 0psi. Kill well as needed. 4hrs
- (2) MIRU PU. Ensure well is dead. ND wellhead and NU BOPE. 2hrs
- (3) POOH LD inj pkr and 2 7/8" tbg. 4hrs
- (4) PU 2 7/8" workstring and cmt ret to 5362'. 4hrs
- (5) Set cmt ret at 5362', which is approximately 50' –75' above perfs and pressure test to csg to 500#. 2hr

Note – If part of the existing equipment was left in the hole then set cmt ret 50' above it and continue plugging operations as noted. If remaining equipment is above a known isolation zone, then pump sufficient cmt to cover that zone plus 100% excess.

RECEIVED
JUN 21 1990
DISTRICT
CALIFORNIA DIVISION

- (6) MIRU cmt company. Turn on cathodic protection. Dig out surface casing. 2hrs
- (7) Sting into cmt ret and pump 44sx of class B cmt (12.7ppg @1.79yield) into the formation and below the cmt ret. 0.5hr
- (8) Sting out of the retainer and bring cmt top to 5185'. This will require 25sx of cmt. Roll the hole with 10ppg mud or brine. 2hr

Note - This plug is covering the Ismay formation @ 5285'.

- (9) RIH w/ 2 7/8" ws and tag Ismay plug. Record depth, time, date, and witnesses on DRS report. 2hr
- (10) POOH w/ sufficient tbg and begin to spot the second balanced plug from 4439' to 4239' with 46sx of class B cmt. Top of cmt plug must be no lower than 4289'. 2hr

Note - This plug is covering the Hermosa formation @ 4389'.

- (11) RIH w/ 2 7/8" ws and tag Hermosa plug. Record depth, time, date, and witnesses on DRS report. 2hr
- (12) POOH LD 2 7/8" workstring and SB approximately 1305'. 2hr
- (13) MIRU wireline unit. RIH w/ 4" perforating guns loaded w/ 4jspf. Perforate 5 1/2" csg from 1415' - 1419' (16holes total). POOH and RDMO wireline unit. 2hrs
- (14) RIH w/ 2 7/8" ws and cmt retainer to 1280'. 1hr
- (15) Close 5 1/2" csg. Pressure test backside to 300# and monitor. 0.5hr
- (16) Establish rate into perfs @ 1-2bpm. 0.5hr
- (17) Set retainer @ 1280'. 0.5hr
- (18) Open 5 1/2" csg and re-establish rate into the perfs @ 1-2bpm. 0.5hr
- (19) MIRU cmt company if needed. Mix & pump 183sx of class B (65/35% poz + 6% gel) At 12.7# and 1.79yield. Fill space between 8 5/8" & 5 1/2" csg. 2hrs

Warning ! - - Do not exceed 1000psi surface pressure.

Note 1 - Cmt displacement includes 20% excess (31sx).

Note 2 - If getting good uncontaminated cmt returns, close 5 1/2" csg and continue to fill csg to desired volume.

Note 3 - If cmt fails to circulate between the 5 1/2" x 8 5/8" csg, then the BLM requires cmt from 162' to surface. The preferred method is to fill csg using 1" string as opposed to re-perforating. For more details contact SSEngr at 713-431-1253 or p888-397-7479.

RECEIVED
JUN 11 1980
ENGINEER
C. J. BROWN

(20) Fill interval (1419' - 1280') w cmt retainer with 13sx of class B (6.35% poz + 6% gel) cmt at 12.7ppg and 1.79yield. Sting out of retainer and fill 5 7/8" csg interval with 178sx of class B 15.6ppg and 1.18yield. 2hr

(21) POOH LD 2 7/8" workstring as needed. 1hr

(22) ND BOPs. 1hr

(23) If csg string tops are above ground level, then cut off to ground level. 2hr

(24) Top fill all csg strings w/ neat cmt if needed. Use 1" string as needed. 1hr

(25) Weld a steel cap across SURFACE CSG STUB stating the following:

(a) ExxonMobil Prod Company U.S. West

(b) Ratherford Unit #21-43

(c) Navajo Tribal Lease # fill in

(d) GL: 4585'

(e) 1980' FNL & 660' FEL

(f) Sec 21/T41S/R24E

(g) San Juan County, Utah

(26) RDMO PU. Clean and level location. Notify Yazmin Medhora (713-431-1208) when work is done so that a sundry notice (form 3160-5) can be filed w/ the BLM. 1hr

Total hrs - 45hrs + 3hrs misc = 48hrs

BLM
BUREAU OF LAND MANAGEMENT
MONTICELLO
COUNTY, NEW MEXICO

Watherford 2143
WELL ID
API # 43-037-16427
Sec 21 - T41S - R24E

OVERALL OBJECTIVE:
(1) Pull any existing equipment
(2) Set isolation plugs
(3) P&A wellbore

Conductor csg - 13 3/8",
27.1#, 175' w/ 175sx of cmt

Surface csg - 8 5/8", 24#,
J55, 1312' w/ 455sx cmt

Cmt Ret -
Surface Csg Shoe @ 1312'

EXISTING EQUIPMENT
- Tbg type unknown -
- 2 3/8" or 2 7/8"
- Injection pkr @5342'

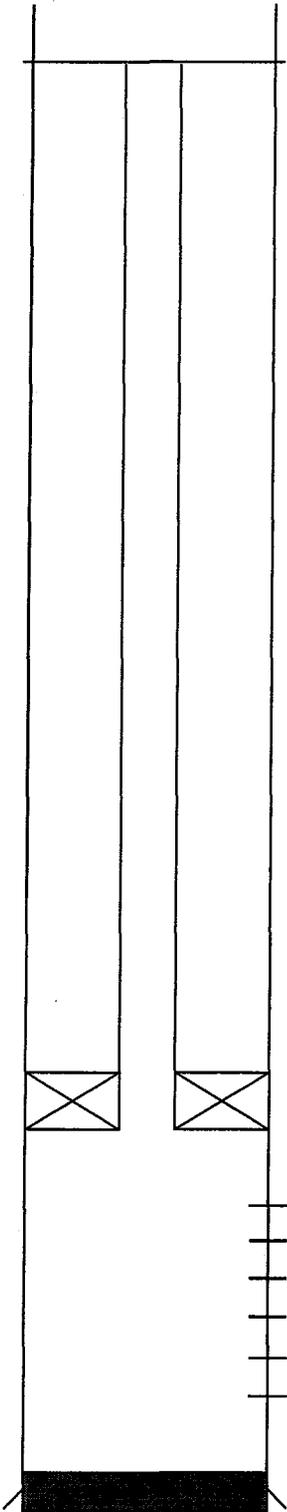
TOC - 2450'

Inj pkr @5342'

Perfs
5412'-5424'
5436'-5448'
5478'-5484'
5490'-5500'
5509'-5520'
5526'-5546'

PBTD - 5563'
TD - 5595'

5 1/2", 14#, J55, 5595' w/ 132sx of
cmt



WATERFORD ENERGY SERVICES
L.P.
11111 11111
DIVISION OF
OIL, GAS AND MINERAL RESOURCES

Weatherford 2143
WELL ID
API # 43-037-16427
Sec 21 - T41S - R24E

- OVERALL OBJECTIVE:**
- (1) Pull any existing equipment
 - (2) Set isolation plugs
 - (3) P&A wellbore

Conductor csg - 13 3/8",
 27.1#, 175' w/ 175sx of cmt

Surface csg - 8 5/8", 24#,
 J55, 1312' w/ 455sx cmt

Cmt Ret - 1280'

Surface Csg Shoe @ 1312'

178sx of cmt

196sx of class B

Perfs
 1415'-1419'
 4spft

EXISTING EQUIPMENT

- 15sx of class B
 15.6ppg @1.18yield
- 12sx of class B 12.7ppg
 @1.79yield w/ 65/35%poz
 + 6% gel
- 15sx of class B 15.6ppg
 @1.18yield
- 15sx of class B 15.6ppg
 @1.18yield
- 20sx of class B
 12.7ppg @1.79yield

TOC - 2450'

10ppg mud

TOP 4239' - covering Hermosa - 100% excess cmt

46sx class B

10ppg mud

TOP 5185' - covering Ismay

25sx class B

Cmt Ret - 5362'

44sx class B

- Perfs
- 5412'-5424'
 - 5436'-5448'
 - 5478'-5484'

- 5490'-5500'
- 5509'-5520'
- 5526'-5546'

Formations Tops

- Hermosa
 4389'
- Ismay
 5285'

5 1/2", 14#, J55, 5595' w/ 132sx of
 cmt

PBTD - 5563'
 TD - 5595'

Weatherford International
 Houston, Texas
 77001-1100
 281-251-1000
 281-251-1001

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 **Injection**

2. Name of Operator
Mobil Producing TX & NM, Inc.

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

3b. Phone No. (include area code)
(713) 431-1828

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1980' FSL & 660' FEL SEC. 21-T41S-R24E

5. Lease Serial No.
14-20-603-247A

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 21W43

9. API Well No.
43-037-16427

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 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.)

6/4/01 - BLM, EPA & NEPA NOTIFIED OF MIRU ON P&A INJECTOR.
 6/5/01 - MIRU DINE WSU #260. SITP = 1000 PSI. CONNECT LINE TO RU PIT & FB GAS & OIL UNTIL TBG DEAD. RU HO & PUMPED 30 BPW DWN TBG. ND WH & NU&T BOP. UNABLE TO RELEASE. SD. SI&SWON.
 6/6/01 - SITP SLIGHT BLOW, SICP = 0. WORKED TO REL PKR. RU&T WWLS & CUT TBG AT 5305', PKR TOP AT 5310' WLM. PERMISSION FROM BLM & EPA TO LEAVE FISH IN HOLE. POH W/ SLIPS. ND BOP, REMOVE BOWL, & NU&T BOP. POH. LD 70 JTS PROD (2 3/8" IPC). SD, SI & SWON.
 6/7/01 - SIP = 0. OUW & LD REST OF PROD TBG (172 TOTAL). PU BIT & CS, WORK STRING & RIH. TAG TOF, POH LD CS & BIT. PU 5 1/2 CICR, RIH & SET CICR AT 5305'. STING OUT & RC TO CLN DRY CEMT FLAKING OFF INSIDE TBG W/ 50 BPW. STING INTO CIRCR & EIR. SD, SI & SWON.
 6/11/01 - SIP = 0. RU CEMENTERS, ECR THRU CICR AT 5305' & SQZ 50 SX. STING OUT & SPOT 120 SX W/ ETOC AT 4200', CLASS "G". POH, LD 45 JTS, RC CLN AT 4212' & SPOT 70 B10# BW. POH 20 STDS, LD 95 JTS. RU&T WWLS, RIH & PERF AT 4 SPF 1415-1419'. POH, RD WWLS, SI & ECR THRU PERFS, OUT SUR CSG. PU & RIH W/ CICR, SET AT 1285'. TEST BS & ECR 300# AT 3 BPM. SD, SI&SWON. WITNESSES DAVIS BENALLY WITH NAVAJO MINERALS

SEE ATTACHMENT FOR ADDITIONAL REMARKS

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

| | |
|------------------------------------------------------|----------------------------------------|
| Name (Printed/Typed) Cathy W. Higginbotham | Title Staff Office Assistant |
| Signature <i>Cathy Higginbotham</i> | Date 07/19/2001 |

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.

Accepted by the
 Utah Division of
 Oil, Gas and Mining

RECEIVED

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)

FOR RECORD ONLY

DEPARTMENT OF
OIL, GAS AND MINING

ATTACHMENT

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

| |
|-----------------------------------------------------------------------|
| 5. Lease Serial No. 14-20-603-247A |
| 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 21W43 |
| 9. API Well No. 43-037-16427 |
| 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 <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other Injection | |
| 2. Name of Operator Mobil Producing TX & NM, Inc. | |
| 3a. Address P. O. Box 4358 Houston TX 77210-4358 | 3b. Phone No. (include area code) (713) 431-1828 |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1980' FSL & 660' FEL SEC. 21-T41S-R24E | |

Additional Remarks

**AND MALVINA WITH NEPA
6/12/01 - SIP = 0. OUW, RU CMTRS. ECR & CMT 5 1/2 X 8 5/8 ANNULUS W/ 190 SX 65/35 POZ W/ 6% GEL, 50 SX "G
TO SURFACE, STING OUT & FILL 5 1/2 AT 7' BELOW G/L. RD CC, ND "B" SECTION, & SD. WIND VELOCITY,
GUSTS PREVENT RDMO. WITNESSES: DAVID BENALLY WITH NAVAJO MINERALS.
6/13/01 - RDMO TO YARD.**

RECEIVED

JUL 23 2001

DIVISION OF
OIL, GAS AND MINING