

FILE NOTATIONS

Entered in NID File
Entered On S R Sheet _____
Location Map Pinned
Card Indexed
I W R for State or Fee Land _____

Checked by Chief A. R.
Copy NID to Field Office
Approval Letter
Disapproval Letter _____

COMPLETION DATA:

Date Well Completed 2-20-61
OW WW _____ TA _____
GW _____ OS _____ PA _____

Location Inspected _____
Bond released _____
State of Fee Land _____

LOGS FILED

Driller's Log 3-2-61
Electric Logs (No.) 2

E _____ I _____ E-I _____ GR _____ GR-N Micro
Lat _____ Mi-L _____ Sonic _____ Others _____

~~Superior Oil~~

API 43-097-15616

McELMO

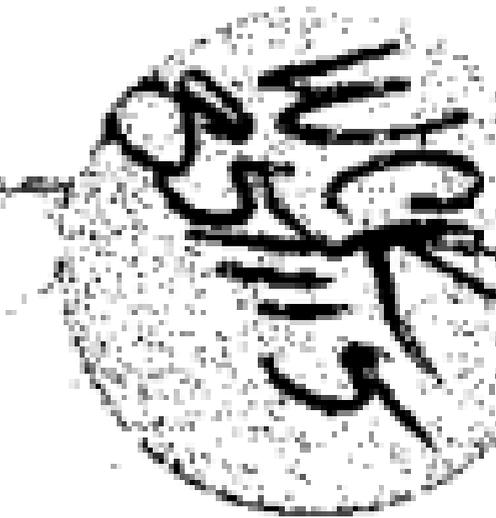
~~INEPNA A. MOUNCIET~~

- WELL NO. NAVAJO 1-C

Sec. 2, T. 41 S., R. 24 E., San Juan Co

E-16

MICROFICHE



Water
Sample

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: 1- Electric Power Well (Have Gate)

3-2-84 Operator name change

* Operator change 4-24-86

3-17-70 Subsequent to shock or acidize

6-5-86 Approved for water Injection

DATE FILED 1-17-61

LAND: FEE & PATENTED STATE LEASE NO.

PUBLIC LEASE NO.

INDIAN 14-20-0603-6147

DRILLING APPROVED: 1-17-61

SPUDDED IN: 1-18-61

COMPLETED: 2-20-61

INITIAL PRODUCTION: 427.28 BOPD, 87.52 BWPD

GRAVITY A. P. I. 40.8°

GOR:

PRODUCING ZONES: 5338-5515'

TOTAL DEPTH: 5527'

WELL ELEVATION: 4503'G 4515'DF

041705

DATE ABANDONED:

FIELD OR DISTRICT: ~~McElmo Creek Field~~ Aneth

COUNTY: San Juan

WELL NO. NAVAJO 1-C (McElmo - E-16)

LOT 43-037-15616

LOCATION: 735 FT. FROM (W) (S) LINE, 595 FT. FROM (E) (N) LINE. SE SE QUARTER - QUARTER SEC. 2

16

✓

| TWP. | RGE. | SEC. | OPERATOR | TWP. | RGE. | SEC. | OPERATOR |
|------|------|------|-----------------|------|------|------|----------|
| | | | <i>Operator</i> | | | | |

Electric Log Tops

GEOLOGIC TOPS:

| QUATERNARY | Star Point | Sinbad | Brazer |
|---------------------|-----------------|----------------------------------|-------------------|
| Recent | Wahweap | PERMIAN | Pilot shale |
| Alluvium | Masuk | Kaibab | Madison |
| Lake beds | Colorado | Coconino | Leadville |
| Pleistocene | Mancos | Cutler | Redwall |
| Lake beds | Upper | Hoskinnini | DEVONIAN |
| TERTIARY | Middle | DeChelly | Upper |
| Pliocene | Lower | White Rim | Middle |
| Humboldt | Emery | Organ Rock | Lower |
| Salt Lake | Blue Gate | Cedar Mesa | Ouray |
| Miocene | Ferron | Halgaité tongue | Elbert |
| Bishop conglomerate | Frontier | Phosphoris | Guilmette |
| Oligocene | Dakota | Park City | Simonson dolomite |
| Norwood | Burro Canyon | Rico (Goodridge) | Sevy dolomite |
| Eocene | Cedar Mountain | Supai | North Point |
| Duchesne River | Buckhorn | Bird Springs | SILURIAN |
| Uinta | JURASSIC | CARBONIFEROUS | Laketown dolomite |
| Bridger | Morrison | Pennsylvanian | ORDOVICIAN |
| Green River | Salt Wash | Oquirrh | Eureka quartzite |
| Upper | San Rafael Gr. | Weber | Pogonip limestone |
| Middle | Summerville | Morgan | CAMBRIAN |
| Lower | Bluff sandstone | Hermosa | Lynch |
| Wasatch | Curtis | Upper Boundary Butte (Sankey) | Bowman |
| Colton | Entrade | Lower Boundary Butte (Desert Ck) | Tapeats |
| Flagstaff | Moab tongue | Molas | Ophir |
| Almy | Carmel | Paradox | Tintic |
| Paleocene | Glen Canyon Gr. | A | PRE-CAMBRIAN |
| Current Creek | Navajo | B | |
| North Horn | Kayento | C | |
| CRETACEOUS | Wingate | Manning Canyon | |
| Montana | TRIASSIC | Mississippian | |
| Mesaverde | Chinle | Chainman shale | |
| Price River | Shinarump | Humbug | |
| Blackhawk | Moenkapi | Joana limestone | |

2305' EL

2445' EL

2588' EL

4368' EL

5174' EL

5338' EL

576' EL

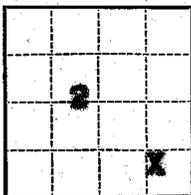
921' EL

956' EL

1331' EL

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____
Lease No. 14-20-0603-6147

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)

January 16, 19 61

Well No. 1-C is located 735 ft. from [S] line and 595 ft. from [E] line of sec. 2
~~XXXXXXXX~~

SE/4 SE/4 Sec/2 T-41-S R-24-E S.L.B.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Greater Aneth Area San Juan Utah
(County or Subdivision) (State or Territory)

Mc Elmo Creek Field
(Field)

The elevation of the ground level ~~shank line~~ above sea level is 4503 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)

This well is to be drilled through the Desert Creek formation to an expected total depth of 5,600 ft. The casing program will be 90 ft., more or less, of conductor, cemented to the surface, 1,400 ft., more or less, of 8 5/8", cemented to the surface and 5 1/2" OD casing set through the pay and cemented with approximately 200 sacks. The pay section as determined from radio active logs will be perforated.

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

Company W. A. Moncrief
Address Petroleum Bldg.,
Ninth at Commerce
Fort Worth 2, Texas

By [Signature]
Title Agent

G-1
6147

COMPANY **W. A. MONCRIEF**

Well Name & No. **Havajo C-1**

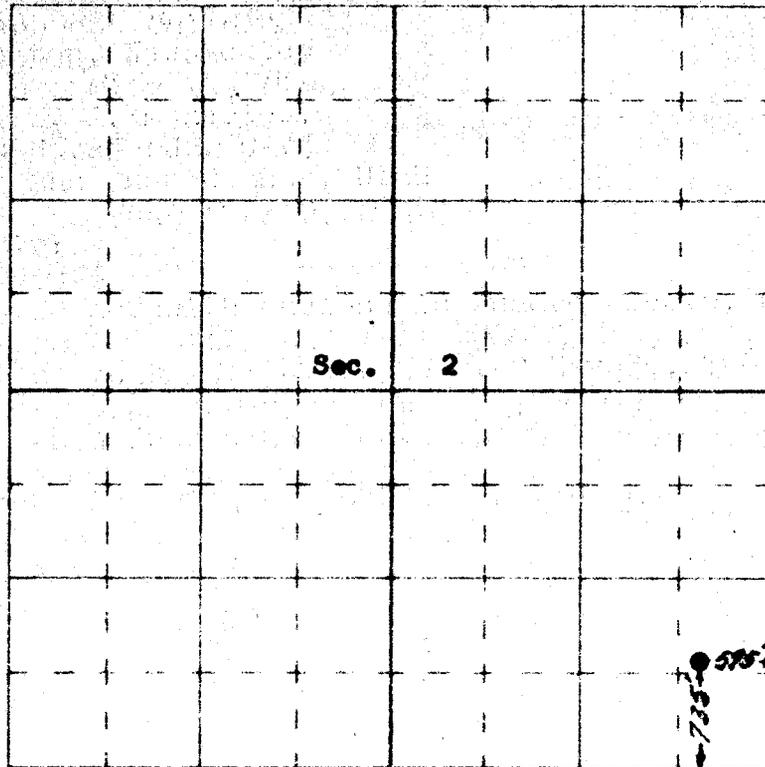
Lease No. **14-20-0503-6147**

Location **735' FROM THE SOUTH LINE & 595' FROM THE EAST LINE**

Being in **NE SE SE**

Sec. **2** T. **41 S**, R. **24 E**, S.L.M., San Juan County, Utah

Ground Elevation **4503' ungraded ground**



Scale - 4 inches equals 1 mile

Surveyed **15 December**

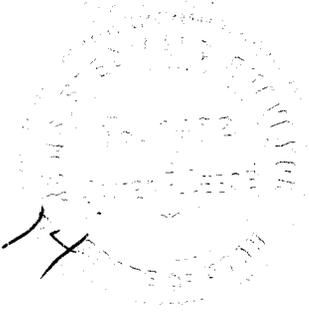
19 **60**

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.

James P. Leese

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

SAN JUAN ENGINEERING CO., FARMINGTON, NEW MEXICO



OIL PRODUCER

W. A. MONCRIEF

PETROLEUM BUILDING
NINTH AT COMMERCE
FORT WORTH, TEXAS

TELEPHONE EDISON 6-7232

January 16, 1961

Mr. Cleon B. Feight
Executive Secretary
Oil and Gas Conservation Commission
310 Newhouse Building
10 Exchange Place
Salt Lake City 11, Utah

In re: W. A. Moncrief,
Navajo No. C-1
San Juan County, Utah

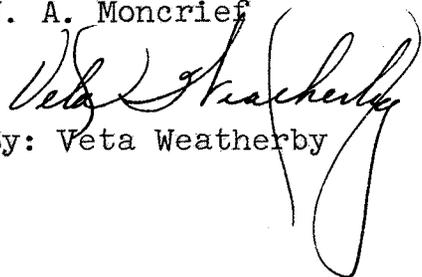
Dear Sir:

We herewith enclose in duplicate, Notice of
Intention to Drill our No. 1-C Navajo, T-41-S,
R-24-E, San Juan County, Utah.

Please wire us collect of your decision at your
earliest convenience.

Yours very truly,

W. A. Moncrief


By: Veta Weatherby

VW

Enc.

12

January 17, 1961

W. A. Moncrief
Petroleum Bldg.
Ninth at Commerce
Fort Worth 2, Texas

Attn: Veta Weatherby, Agent

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo 1-C, which is to be located 735 feet from the south line and 595 feet from the east line of Section 2, Township 41 South, Range 24 East, SLBM, San Juan County, Utah.

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

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

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT,
EXECUTIVE SECRETARY

CBF:awg

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

H. L. Coonts - OGCC, Moab

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

| | | |
|--|---|---|
| | | |
| | 2 | |
| | | X |

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. 14-20-0603-6147

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 | X | 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)

January 31, 19 61

Well No. 1-C is located 735 ft. from S line and 595 ft. from E line of sec. 2

SE/4 SE/4 Sec. 2 T-41-S R-24-E S. L. B. M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Greater Aneth Area San Juan Co. Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4503 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 January 18, 1961. 13-3/8" OD 8 rd 48# J-55 casing set at 75' w/85 sx cement + 2% calcium chloride. Circulated cement. 8-5/8" OD 24# J-55 casing landed at 1263' and cemented w/750 sx cement - poz mix + 2% calcium chloride. Cement circulated.

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

Company W. A. Moncrief

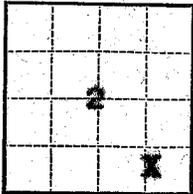
Address Petroleum Bldg.

Ninth at Commerce

Fort Worth 2, Texas

By Veta Weatherby

Title Veta Weatherby, Agent



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Navajo

Allottee _____

Lease No. 14-20-0603-6147

Copy to HC R02

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 | X |
| 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 | X | SUBSEQUENT REPORT OF ABANDONMENT | |
| NOTICE OF INTENTION TO PULL OR ALTER CASING | | SUPPLEMENTARY WELL HISTORY | |
| NOTICE OF INTENTION TO ABANDON WELL | | | |

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

February 16, 1961

Well No. C-1 is located 735 ft. from XXIX [S] line and 595 ft. from E [XXXX] line of sec. 2

SE/4 SE/4 Sec. 2 T-41-S R-24-E SLBN
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Greater Aneth Area San Juan County Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~depth~~ ^{ground} above sea level is 4503 ft.
~~XXXXXX~~ 4514.5 KIB

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 172 joints of 5 1/2" OD casing made up of 13 joints of 15.5# J-55 and 159 joints of 14.0# J-55. Landed at total depth of 5,527 ft., Schlumberger KIB measurement. Total casing below casing flange - 5,513.37'. Cemented w/130 sx regular cement / 4% gel and 70 sx latex cement. Cement circulated. Perforations will be reprinted later when performed.

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

Company W. A. Moncrief

Address Petroleum Bldg.,

Ninth at Commerce

Fort Worth 2, Texas

By Veta Weatherby
Title Veta Weatherby, Agent

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

| | | |
|--|---|---|
| | | |
| | 2 | |
| | | X |

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. 14-20-0603-6147

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 | X |
| 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 | X | SUBSEQUENT REPORT OF ABANDONMENT | |
| NOTICE OF INTENTION TO PULL OR ALTER CASING | | SUPPLEMENTARY WELL HISTORY | |
| NOTICE OF INTENTION TO ABANDON WELL | | | |

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

February 22, 19 61

Well No. C-1 is located 735 ft. from ~~X~~S line and 595 ft. from ~~X~~E line of sec. 2
SE/4 SE/4 Sec. 2 T-41-S R-24-E SLEM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
McElmo Creek San Juan County, Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4514.5.
4503 - ground level

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)

Perforated 5,424 - 5,451 w/4 shots per foot. Ran tubing and packer in hole to test and acidize. Will perforate upper zones and report later when performed.

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

Company W. A. Moncrief
 Address Petroleum Bldg.,
Ninth at Commerce
Fort Worth 2, Texas

By Veta Weatherby
 Title Veta Weatherby, Agent

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

| | | | |
|--|---|--|---|
| | | | |
| | 2 | | |
| | | | X |

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. 14-20-0603-6147

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 | X |
| 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 | X | SUBSEQUENT REPORT OF ABANDONMENT | |
| NOTICE OF INTENTION TO PULL OR ALTER CASING | | SUPPLEMENTARY WELL HISTORY | X |
| NOTICE OF INTENTION TO ABANDON WELL | | Tubing Installation | X |

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

February 24, 19 61

Well No. C-1 is located 735 ft. from ~~XXIXX~~ S line and 595 ft. from ~~XXIXX~~ E line of sec. 2
SE/4 SE/4 Sec. 2 T-41-S R-24-E SLBM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
McElmo Creek San Juan County, Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4514 ft.
4503 - Ground level

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)

Treated perforations (5424-5451) w/500 gal. break-down acid and 2,000 gal. regular. Swabbed well in. Killed well to perforate Upper Desert Creek. Perforated 5345 - 5368 w/4 shots per ft. and 5376 - 5394 w/4 shots per ft. Acidized these perforations below production packer set at 5272 & above bridge plug set at 5409 w/8000 gal. retarded and 250 gal. temporary plugging agent. Reset production packer at 5333' & bridge plug @ 5481'. Ran 174 full joints (22' subs) of 2 1/2" EUE 6.5# tubing. Tubing landed at 5434'. Completion test to start.

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

Company W. A. Moncrief

Address Petroleum Bldg.,

Ninth at Commerce

Fort Worth 2, Texas

By Veta Weatherby

Title Veta Weatherby, Agent

W. A. MONCRIEF

OIL PRODUCER

PETROLEUM BUILDING
NINTH AT COMMERCE
FORT WORTH, TEXAS

TELEPHONE EDISON 6-7232

March 1, 1961

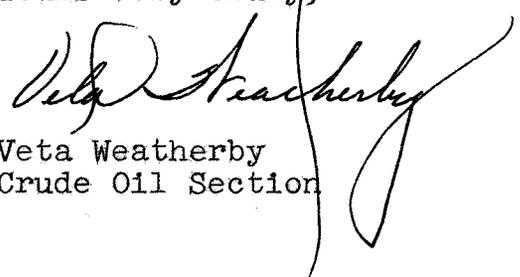
Mr. Cleon B. Feight
Executive Secretary
Oil and Gas Conservation Commission
310 Newhouse Bldg.,
10 Exchange Place
Salt Lake City 11, Utah

In re: W. A. Moncrief,
Navajo "C" No. 1
San Juan County, Utah

Dear Sir:

Enclosed, in duplicate, is the completion report, Form 9-330, on the subject well. We will appreciate it if you will place this information in your confidential file. Thank you.

Yours very truly,


Veta Weatherby
Crude Oil Section

VW

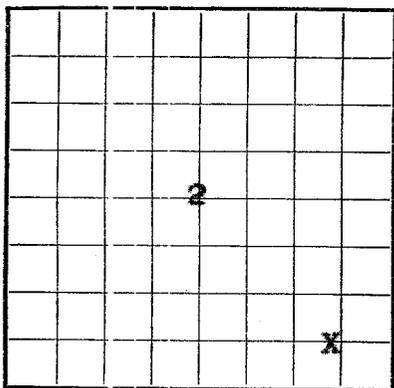
Enc.

4

Indian Agency - Navajo
U. S. LAND OFFICE

SERIAL NUMBER **14-20-0603-6147**

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **W. A. Moncrief** Address **Petroleum Bldg., Ninth at Commerce, Ft. Worth, Texas**

Lessor or Tract **Navajo C** Field **McElmo Creek** State **Utah**

Well No. **1** Sec. **2** T. **41S** R. **24E** Meridian **31BM** County **San Juan**

Location **735** ft. ^(N.) of **S** Line and **595** ft. ^(W.) of **E** Line of **Section 2** Elevation **4514.5**
(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 **March 1, 1961** Title **Agent**

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

Commenced drilling **January 18, 1961** Finished drilling **February 14, 1961**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **5,338** to **5,515** No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from **576** to **921** 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- | |
| 3/8 | 4.5 | 14 | J-55 | 1253' | | | | | |
| 5/8 | 11.0 | 14 | J-55 | 1253' | | | | | |
| 1 1/2 | 14.0 & 15.5 | 14 | J-55 | 5527' | | | 5424 | 5451 | Production |
| 2 | 6.5 | 14 | J-55 | 5451' | | | 5376 | 5394 | Production |
| | | | | | | | 5345 | 5368 | Production |

MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------------|-------------|-------------|--------------------|
| 3/8 | 75' | 85 / 2% Ca. Cl. | Circulated | | |
| 5/8 | 1263' | 750 pozmix / 2% Ca. Cl. - | Circulated | | |
| 1 1/2 | 5527' | 130 reg. / 4% gel & 70 latex | Circulated | | |

PLUGS AND ADAPTERS

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

FOLD MARK

SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
 Cable tools were used from 0 feet to 5,527 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which February 20, 61 % was oil. 61
 emulsion; _____ % water and _____ % sediment. 514.80 Gravity, °Bé. 83 427.28 dbbls. 011
 If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas XXX 40.8° API
 Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
 _____, Driller _____, Driller

FORMATION RECORD

| FROM- | TO- | TOTAL FEET | FORMATION |
|----------------|----------|------------|-------------------------------------|
| 5'6 | 921 | 345 | Navajo |
| 9'11 | 956 | 35 | Kayenti |
| 9'6 | 1,331 | 375 | Wingate |
| 1,331 | 2,305 | 974 | Chinle |
| 2,305 | 2,445 | 140 | Moskinnini |
| 2,445 | 2,588 | 143 | De Chelly |
| 2,588 | 4,368 | 1,780 | Organ Rock |
| 4,368 | 5,174 | 806 | Hermosa |
| 5,174 | 5,338 | 164 | Upper Boundary Butte (Ismay) |
| 5,338 | 5,527 TD | 189 | Desert Creek (Lower Boundary Butte) |
| Not penetrated | | | Chimney Rock |

FORMATION RECORD - Continued

MAR 2 1961

SERIAL NUMBER 74-50-0002-2011
 U.S. GEOLOGICAL SURVEY
 WASHINGTON, D.C. 20508
 APR 1961 EXPIRES 12-31-60
 GPO: 1961 O-53-83227

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

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.
14-20-603-6147

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo

7. UNIT AGREEMENT NAME
McElmo Creek Unit

8. FARM OR LEASE NAME
McElmo Creek Unit

9. WELL NO.
MCU Well #E-16

10. FIELD AND POOL, OR WILDCAT
McElmo Creek Field

11. SEC., T., R., M., OR BLK. AND
SUBVEY OR AREA
SE SE 2, 41S/24E

12. COUNTY OR PARISH 13. STATE
San Juan 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

2. NAME OF OPERATOR
THE SUPERIOR OIL COMPANY *Moncrief*

3. ADDRESS OF OPERATOR
P.O. Drawer "G", Cortez, Colorado 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
735' FSL & 595' FEL Sec 2, T41S/R24E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4506 K.B.

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other)

(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.)*

Notice of intent to recomplete well MCU #E-16 as an Ismay, Desert Creek Zone I producer. It is currently producing from Zones I & II. All perforations will be squeezed off. The interval 5424-28, between Zones I & II, will be perf'd, acidized and squeeze with 100 sacks cement.

The Ismay interval 5280-91 will be perf'd and treated with 2000 gal 28% acid.

Zone I will be perf'd 5345-55, 5354-67, 5376-92 and 5396-5402 with two jets per foot and treated with 6000 gal 28% acid.

Desert Creek Zone I and the Ismay will then be produced commingled.

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

SIGNED *D. D. Kingman*

TITLE _____

DATE 2/23/70

D. D. Kingman

District Engineer

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

OGC/gb

*See Instructions on Reverse Side

cc: State, USGS, Franques, Broussard, Hurlbut, File

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.

SUNDRY NOTICES AND REPORTS ON WELLS

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

| | | |
|--|--|---|
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> | | 7. UNIT AGREEMENT NAME Navajo |
| 2. NAME OF OPERATOR The Superior Oil Company | | 8. FARM OR LEASE NAME McElmo Creek Unit |
| 3. ADDRESS OF OPERATOR P. O. Drawer 'G', Cortez, Colorado 81321 | | 9. WELL NO. MCU #E-16 |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 735' FSL & 595' FEL, Sec. 2, T41S, R24E | | 10. FIELD AND POOL, OR WILDCAT McElmo Creek Field |
| 14. PERMIT NO. | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SE SE Sec 2, T41S, R24E |
| 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4506' KB | | 12. COUNTY OR PARISH San Juan |
| | | 13. STATE Utah |

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

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|--|---|---|--|
| TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> | WATER SHUT-OFF <input type="checkbox"/> | REPAIRING WELL <input type="checkbox"/> |
| FRACTURE TREAT <input type="checkbox"/> | MULTIPLE COMPLETE <input type="checkbox"/> | FRACTURE TREATMENT <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input type="checkbox"/> | ABANDON* <input type="checkbox"/> | SHOOTING OR ACIDIZING <input checked="" type="checkbox"/> | ABANDONMENT* <input type="checkbox"/> |
| REPAIR WELL <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> | (Other) Squeezed off 1 Des. Crk. Perfs | |

(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.)*

- 2/22/70 Squeezed all perfs 5345-5451 with 300 sacks cement.
- 2/23/70 Drilled out to 5435'. Perf'd 5424-28' with 2 jets per ft. Treated with 400 gal 28% acid. Squeezed with 100 sacks cement.
- 2/26/70 Drilled out to 5410'.
- 2/27/70 Perf'd Ismay 5280-91' with 2 jets per ft. Treated with 3000 gal 28% ac.
- 2/28/70 Flow tested Ismay perfs 5280-91'. Flowed 441 bbl oil per day 0.2% cut. 24/64" choke. 230 psi/pkr.
- 3/2/70 Perf'd Desert Creek Zone I at 5345-55', 5364-67', 5376-92', with 2 jets per ft. Treated 5345-5402' with 6000 gal 28% ac. Flow tested perfs 5345-5402 - 357 BO, 31 BW in 20 hrs. 26/64" choke. 220 psi. 8% cut.
- 3/7/70 Pump tested Desert Creek and Ismay commingled. 379 BO, 1 BW

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

SIGNED D. D. Kingman TITLE District Engineer DATE March 17, 1970

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

OGC/nh

*See Instructions on Reverse Side

cc: USGS., State, Franques, Broussard, Hurlbut, WIO, File

SUPERIOR OIL

12 MAR 1984

March 2, 1984

DIVISION OF
OIL, GAS & MINING

Mr. Norm Stout
Utah Division of Oil,
Gas and Mining
4241 State Office Bldg.
Salt Lake City, Utah 84114

Reference: Notice of Change of Operator

Dear Mr. Stout:

Please be advised that Superior Oil Company is the operator of the McElmo Creek Unit. Accordingly, please update your records to reflect Superior as operator of the following wells:

| <u>Well Number</u> | <u>API Number</u> | <u>Well Number</u> | <u>API Number</u> |
|--------------------|----------------------------|--------------------|---------------------------|
| J-23 | 415 25E 18 43-037-15500 | I-14 | 415 29E 1 43-037-16145 |
| F-20 | 415 24E 12 15707 | I-16 | " " 15497 |
| H-20 | 415 24E 12 15708 | I-18 | 415 24E 12 15709 |
| M-24 | 415 25E 18 15513 | I-20 | 415 24E 12 15710 |
| M-18 | 415 25E 7 15510 | K-20 | 415 25E 7 15503 |
| M-20 | 415 25E 7 15511 | O-08 | 400 25E 29 16146 |
| M-22 | 415 25E 18 15512 | R-09 | 405 25E 33 16147 |
| N-19 Injection | 41 25E 8 15515 | S-12 | 40 " " 16150 |
| O-18 Injection | 415 25E 8 15517 | S-14 | 415 25E 4 16151 |
| P-17 Injection | 415 25E 8 15519 | S-16 | 415 25E 4 16152 |
| Q-20 | 415 25E 8 15518 | T-09 | 405 25E 33 16153 |
| Q-18 | 415 25E 8 15521 | T-11 | " " " 16154 |
| Q-20 | 415 25E 8 15522 | U-12 | " " " 16155 |
| Q-22 | 415 25E 17 15323 | U-14 | 415 25E 4 16156 |
| C-16 | 415 24E 2 16266 | U-16 | " " " 16157 |
| E-14 | 415 24E 2 16268 | R-08 | " " " 15329 |
| E-16 | 415 24E 2 15616 | S-05 | " " " 15330 |
| E-18 | 415 24E 11 15706 | C-14 | 415 24E 2 16265 |
| G-14 | 415 24E 1 16143 | F-11 | " " " 15617 |
| G-16 | 415 24E 1 16144 | G-12 | " " " 15618 |
| G-18 | 415 24E 12 15494 | I-12 | " " " 15619 |

Navajo C-1

If you have any questions, please feel free to call me at (713) 751-7593 or Cheryl Shulman at (713) 751-4862.

Very truly yours,

Carol D. Dorrell

C.D. Dorrell
Section Supervisor
Western Oil Revenue

CES/tm

Mobil Oil Corporation

P.O. BOX 5444
DENVER, COLORADO 80217

orig file.
cc R. Firth

January 14, 1985

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

Attention: Ms. Dianne Nielson, Director

RECEIVED

FEB 0

DIVISION OF OIL
GAS & MINING

RE: NOTICES TO SUPERIOR OIL COMPANY

Dear Ms. Nielson:

As a result of the merger which became effective on September 28, 1984, The Superior Oil Companies ("Superior") is now a wholly owned subsidiary of Mobil Corporation.

Effective January 1, 1985, ~~Superior Oil Company has entered into a Services Agreement with Mobil and has issued Powers of Attorney to certain Mobil employees, whereby Mobil has agreed to perform all of Superior's obligations and duties, and shall be entitled to enforce all of Superior's rights and privileges, including but not limited to all applicable Operating Agreements and leases (see attached). This shall include, without limitation, the making and receiving of payments, the giving and receiving of notices and other information, and the performance of all other related functions. Therefore, after December 31, 1984, notices to Superior or relative to its interests, assets or obligations should designate Mobil and be mailed to:~~

~~Superior Oil Company has entered into a Services Agreement with Mobil and has issued Powers of Attorney to certain Mobil employees, whereby Mobil has agreed to perform all of Superior's obligations and duties, and shall be entitled to enforce all of Superior's rights and privileges, including but not limited to all applicable Operating Agreements and leases (see attached). This shall include, without limitation, the making and receiving of payments, the giving and receiving of notices and other information, and the performance of all other related functions. Therefore, after December 31, 1984, notices to Superior or relative to its interests, assets or obligations should designate Mobil and be mailed to:~~

PERMITS ONLY

Mobil Oil Corporation
P.O. Box 5444
Denver, Colorado 80217-5444
Attention: R. D. Baker

(303) 298-2577

RON

Enclosed is a list of all Superior wells. This list includes the well names, locations, API numbers and producing zone (if applicable).

We appreciate your consideration and cooperation. If you have any questions, please direct them to the undersigned.

Very truly yours,



R. D. Baker
Environmental & Regulatory Manager - West

Enclosure

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRI-STATE
(Other instructions on reverse side)

Form approved.
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.)

| | | |
|---|--|---|
| <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER CATHODIC PROTECTION | | 4. LEASE DESIGNATION AND SERIAL NO. 14-20-603-6147 |
| 2. NAME OF OPERATOR SUPERIOR OIL COMPANY, through its Agent, MOBIL OIL CORP. | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO |
| 3. ADDRESS OF OPERATOR P. O. DRAWER 'G', CORTEZ, COLORADO 81321 | | 7. UNIT AGREEMENT NAME MCELMO CREEK |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 735' FSL, 595' FEL, SESE | | 8. FARM OR LEASE NAME MCELMO CREEK |
| 14. PERMIT NO. 43-037-15616 | | 9. WELL NO. E-16 |
| 15. ELEVATIONS (Show whether of well, casing, or oil) 4503' GL GAS & MINING | | 10. FIELD AND POOL, OR WILDCAT GREATER ANETH |
| 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 2, T41S, R24E, SLM | | 12. COUNTY OR PARISH 13. STATE SAN JUAN UTAH |

RECEIVED

NOV 22 1985

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

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

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

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

To maximize effective corrosion control of metallic piping and structures down hole and above ground, Mobil Oil Corporation, Agent for Superior Oil Company, proposes to construct an electrified cathodic protection system consisting of a subsurface graphite anode bed connected to an above ground rectifier which has a lead connected to the well casing.

The construction will consist of a trench, 140' long, 6' deep and 2' wide in the old reserve pit area of the well location. All construction will be confined to existing disturbed area of well location. Existing electrical power to the well will be used for this cathodic protection system.

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

SIGNED Clyde J. Benally TITLE Regulatory Coordinator DATE 11/15/85

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL [] GAS WELL [] OTHER [] Water and CO2 Injection Line
2. NAME OF OPERATOR SUPERIOR OIL COMPANY, through its Agent, MOBIL OIL CORP.
3. ADDRESS OF OPERATOR P. O. DRAWER 'G', CORTEZ, COLORADO 81321
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) See also space 17 below.) At surface Well: 735' FSL, 595' FEL, SESE Injection Line in SE 1/4, Sec. 2,
16. PERMIT NO. 43-037-15616 4514' GL, 4503' Ungraded level

5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-6147
6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO
7. UNIT AGREEMENT NAME MCELMO CREEK UNIT
8. FARM OR LEASE NAME
9. WELL NO. E-16 INJECTION LINES
10. FIELD AND POOL, OR WILDCAT GREATER ANETH
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 2, T41S, R24E, S11
12. COUNTY OR PARISH SAN JUAN
13. STATE UTAH

RECEIVED DEC 09 1985

DIVISION OF OIL & MINING

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF [] FULL OR ALTER CASING [] WATER SHUT-OFF [] REPAIRING WELL []
FRACTURE TREAT [] MULTIPLE COMPLETE [] FRACTURE TREATMENT [] ALTERING CASING []
SHOOT OR ACIDIZE [] ABANDON* [] SHOOTING OR ACIDIZING [] ABANDONMENT* []
REPAIR WELL [] CHANGE PLANS [] (Other) []
(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.)

Mobil Oil Corporation, Agent for Superior Oil Company, proposes to construct two pipelines in the same ditch, 1597' in length.

All the CO2 and H2O injection lines will be buried in the same 36 inch wide ditch with at least 36 inches of cover. Any restoration requirements will be per BIA-BLO Shiprock stipulations.

Pipe specifications are as follows:

- 1. CO2: 2-3/8" O.D., 0.218" wall thickness, Type API 52, X-42, PE BFW Armco Smls pipe.
2. H2O: 3.5" O.D., 7.58# per foot, Grade A-106, butt welded, cement lined pipe.

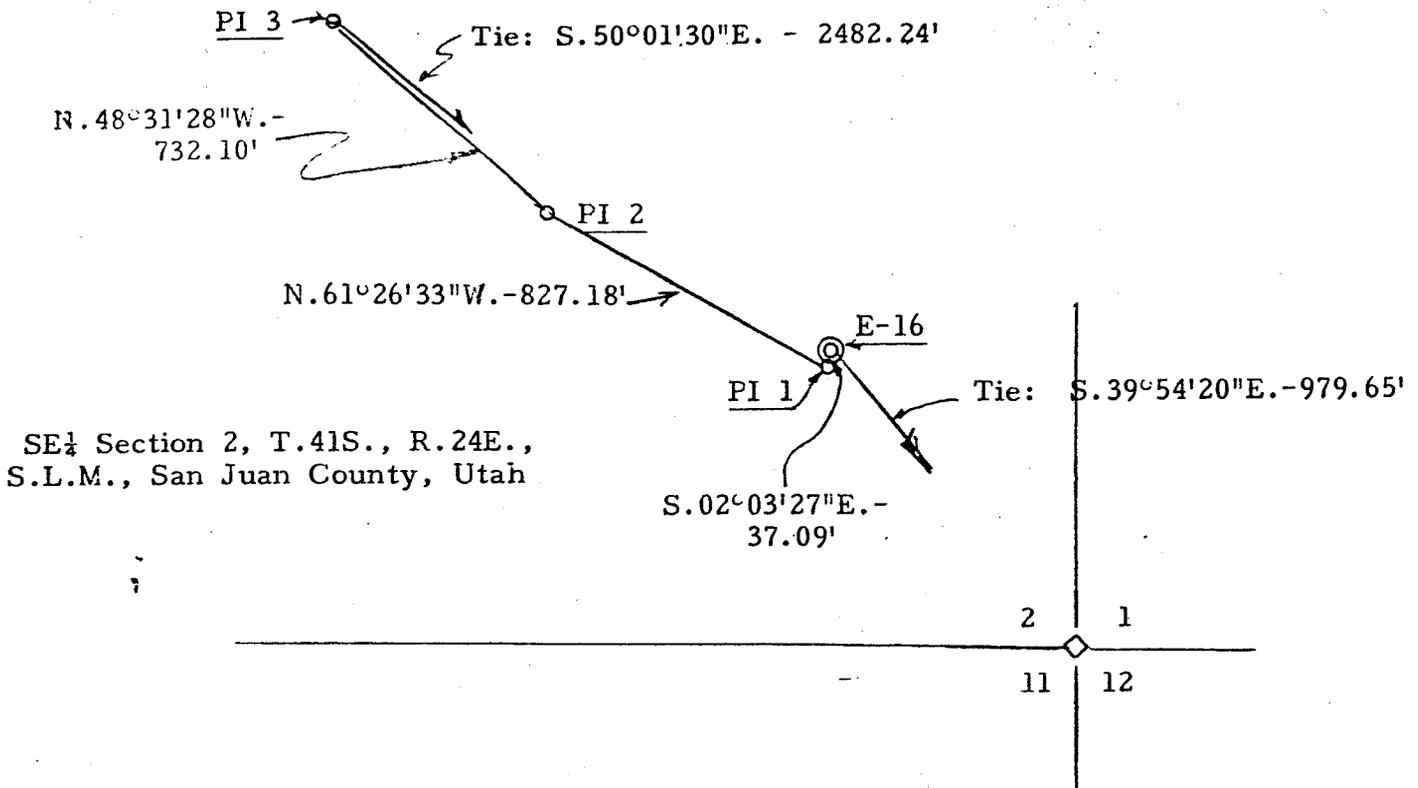
ACCEPTED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING DATE: 12/29/85 BY: [Signature]

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

SIGNED: [Signature] TITLE: Sr. Regulatory Coordinator DATE: 12/3/85

(This space for Federal or State office use)

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



SE $\frac{1}{4}$ Section 2, T.41S., R.24E.,
 S.L.M., San Juan County, Utah

Legal Description

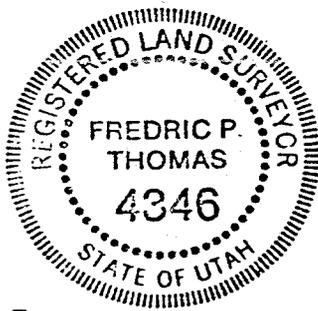
An easement for purposes of an injection line in the SE $\frac{1}{4}$ of Section 2, T.41S., R.24E., S.L.M., San Juan County, Utah, the centerline being more particularly described as follows:

Beginning at Well E-16 in the SE $\frac{1}{4}$ of Section 2, T.41S., R.24E., S.L.M., San Juan County, Utah, from which point the SE Corner of said Section 2 bears S.39°54'20\"E. a distance of 979.65 ft.;

thence, S.02°03'27\"E. a distance of 37.09 ft.;

thence, N.61°26'33\"W. a distance of 827.18 ft.;

thence, N.48°31'28\"W. a distance of 732.10 ft., from which point the SE Corner of said Section 2 bears S.50°01'30\"E. a distance of 2482.24 ft.



KNOW ALL MEN BY THESE PRESENTS:

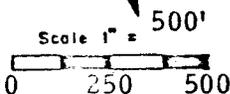
THAT I, FREDRIC P. THOMAS

do hereby certify that I prepared this plat from an actual and accurate survey of the land and that the same is true and correct to the best of my knowledge and belief.

Fredric P. Thomas

FREDRIC P. THOMAS
 Reg. L.S. and P.E.
 Colo. Reg. No. 6728
 Utah Reg. No. 4346

N



THOMAS Engineering Inc.

215 N. Linden
 Cortez, Colorado
 565-4496

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.
14-20-603-6147

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NAVAJO

7. UNIT AGREEMENT NAME
MCELMO CREEK

8. FARM OR LEASE NAME
-

9. WELL NO.
E-16

10. FIELD AND POOL, OR WILDCAT
GREATER ANETH

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 2, T41S, R24E

12. COUNTY OR PARISH 13. STATE
SAN JUAN 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

2. NAME OF OPERATOR
MOBIL OIL CORP AS AGENT OF SUPERIOR OIL

3. ADDRESS OF OPERATOR
P. O. DRAWER 'G', CORTEZ, CO 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
735' FSL, 595' FEL

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, OR, etc.)
DF: 4503'

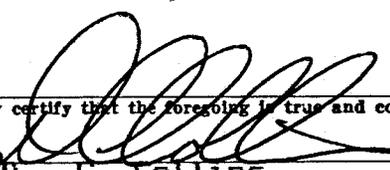
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

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

- MIRU workover rig. POOH w/ rods and pump. ND wellhead. NU and test BOP's. POOH w/ tubing.
- Run bit and 5-1/2" casing scraper to PBTD of 5410'. POOH.
- RIH and set CIBP @ 5310'+. Hydrotest in hole w/ tubing and full bore packer. Set packer at 5250'+ and and squeeze Ismay perms 5280/91' w/ 75 sx Class B cement.
- RIH w/ bit and 5-1/2" casing scraper. Drill out cement to 5300'+ and test squeeze to 2000 psi for 30 minutes. Resqueeze, CO and retest if required.
- Drill out cement and CIBP at 5310'. CO to 5410'. POOH. NOTE: Reperforate Desert Creek Zone I 5345/55', 5364/67', 5376/92' and 5396/5402' w/ 2 JPF if necessary.
- RIH w/ packer and set @ 5320'+. Acidize Desert Creek Zone I w/ 2000 gals 28% HCl + additives.
- Swab back load. POOH, laying down 2-7/8" tubing.
- RIH w/ 2-3/8" x 5-1/2" CO2 injection packer and 2-3/8" PC tubing. Set pkr @ 5310'+ and place well on injection.

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

SIGNED  TITLE Sr Staff Op Engr DATE 12/17/85

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

ATTACHMENT 1

RULE I-5: Application for Approval of Class II Injection Wells

(a) See attached Form DOGM-UIC-1.

(b) (1) See attached land plat.

(2) See attached Form DOGM-UIC-2.

(3) See attached wellbore sketch.

(4) i. The intervening thickness between the proposed injection interval and the deepest fresh water sand is over 4000'. All fresh water sands are behind 8-5/8" surface casing which has been cemented around the shoe with an estimated cement top of 175'. Five and one-half inch production casing was run to TD and cemented around the shoe. Annular pressures will be monitored to insure no behind pipe communication occurs.

ii. Maximum Surface Pressure: 3100 psi
Maximum Injection Rate: 500 BWPD.

| <u>FORMATION</u> | <u>DEPTH</u> | <u>LITHOLOGY</u> |
|------------------|--------------|------------------|
| Chinle | 1331 | Shale |
| DeChelly | 2445 | Sandstone |
| Organ Rock | 2588 | Shale |
| Hermosa | 4368 | Limestone |
| Ismay | 5174 | Limestone |
| Gothic | 5329 | Shale |
| Desert Creek | 5338 | Limestone |

(5) i. A throttling valve or choke will be installed at the well to control injection rates.

ii. The source of injection water will be Superior's production wells within the McElmo Creek Unit. These wells produce from the Ismay and Desert Creek formations with approximate depths of 5500' and 5600' respectively. Additional water will be obtained from shallow fresh water wells along the San Juan River.

iii. The analysis of injection water is as follows (ppm):

| | | | | | |
|-------------------|--------|-------|-------|------|-----|
| pH: | 6.0 | Ca: | 5,520 | SO4: | 990 |
| Cl: | 45,000 | Mg: | 1,340 | H2S: | 52 |
| Fe: | 0 | HCO3: | 236 | Ba: | 0 |
| CaCo3: | 19,300 | CO3: | 0 | | |
| Specific Gravity: | 1.048 | | | | |

McElmo Creek Unit E-16

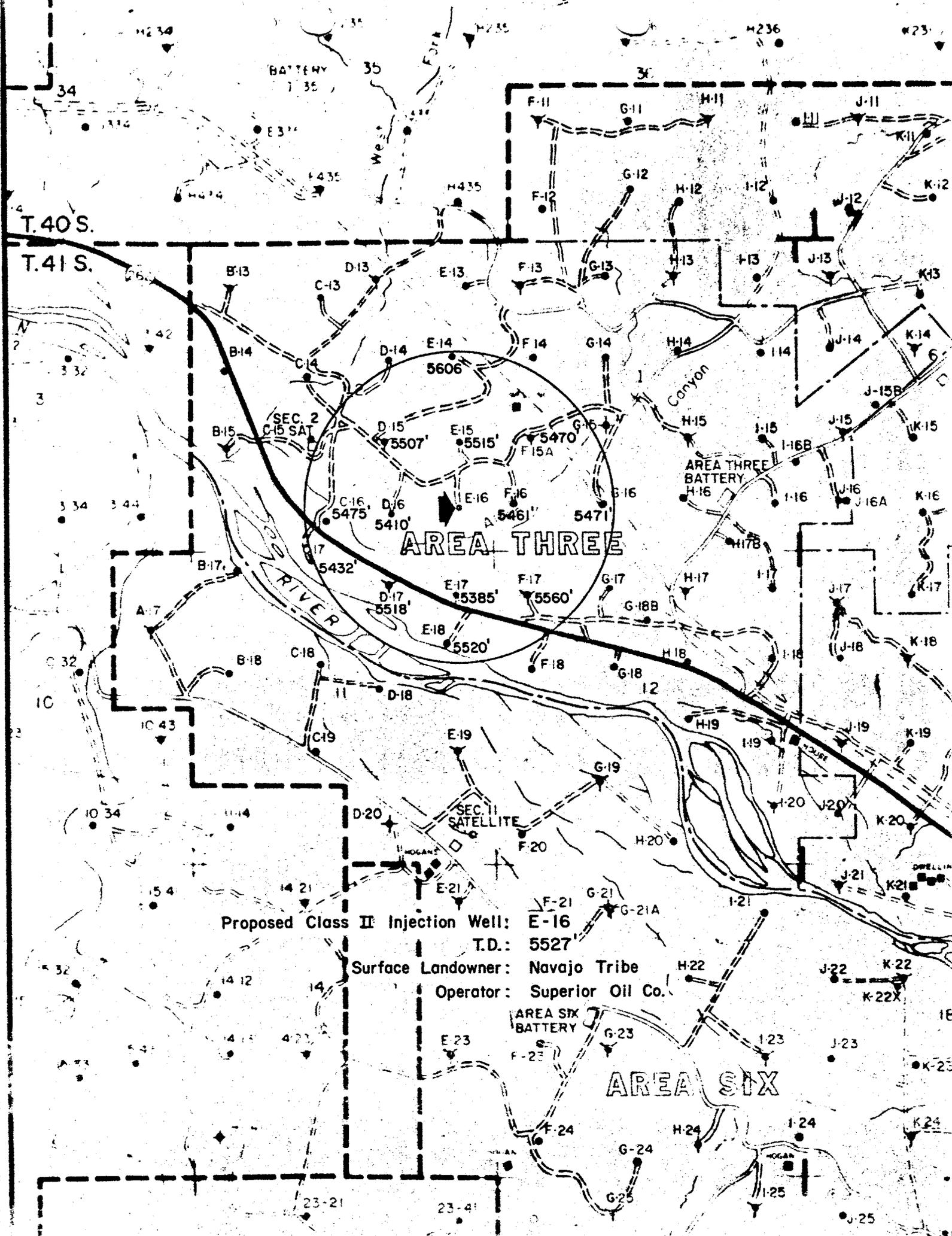
iv. The proposed injection zone is the Desert Creek formation. The zone is carbonate consisting of limestone, anhydrite and dolomite. This formation extends throughout the Paradox Basin and is underlain by the Chimney Rock Shale and overlain by the Gothic Shale.

v. All fresh water zones are behind surface casing.

vi. The analysis of the Desert Creek Formation water is as follows (ppm):

| | | | | | |
|-------------------------|--------|-------|-------|------|-----|
| pH: | 6.4 | Ca: | 6,800 | SO4: | 250 |
| Cl: | 42,000 | Mg: | 1,240 | H2S: | 49 |
| Fe: | 0 | HCO3: | 266 | Ba: | 0 |
| CaCO3: | 17,000 | CO3: | 0 | | |
| Specific Gravity: 1.046 | | | | | |

- (6) If the proposed injection well must be shut-in, the producing wells can also be shut-in.
- (7) N/A.
- (8) The Division will be notified of the date and time to monitor the mechanical integrity test.
- (9) There are no defective wells in the area.
- (10) N/A.



Proposed Class II Injection Well: E-16
 T.D.: 5527'

Surface Landowner: Navajo Tribe
 Operator: Superior Oil Co.

AREA THREE

AREA SIX

BATTERY 35

AREA THREE BATTERY

SEC. 11 SATELLITE

AREA SIX BATTERY

CANYON

RIVER

SEC. 2 C-15 SAT

DOWELLAN

T. 40 S.

T. 41 S.

N

3

3 34 3 44

3 32

10

10 34

32

14 12

14 13

4 23

23-21

23-41

W 23

37

H 236

35

H 235

F-11

G-11

H-11

J-11

K-11

F-12

G-12

H-12

I-12

J-12

K-12

F-13

G-13

H-13

I-13

J-13

K-13

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G-24

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J-24

K-24

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K-25

23-41

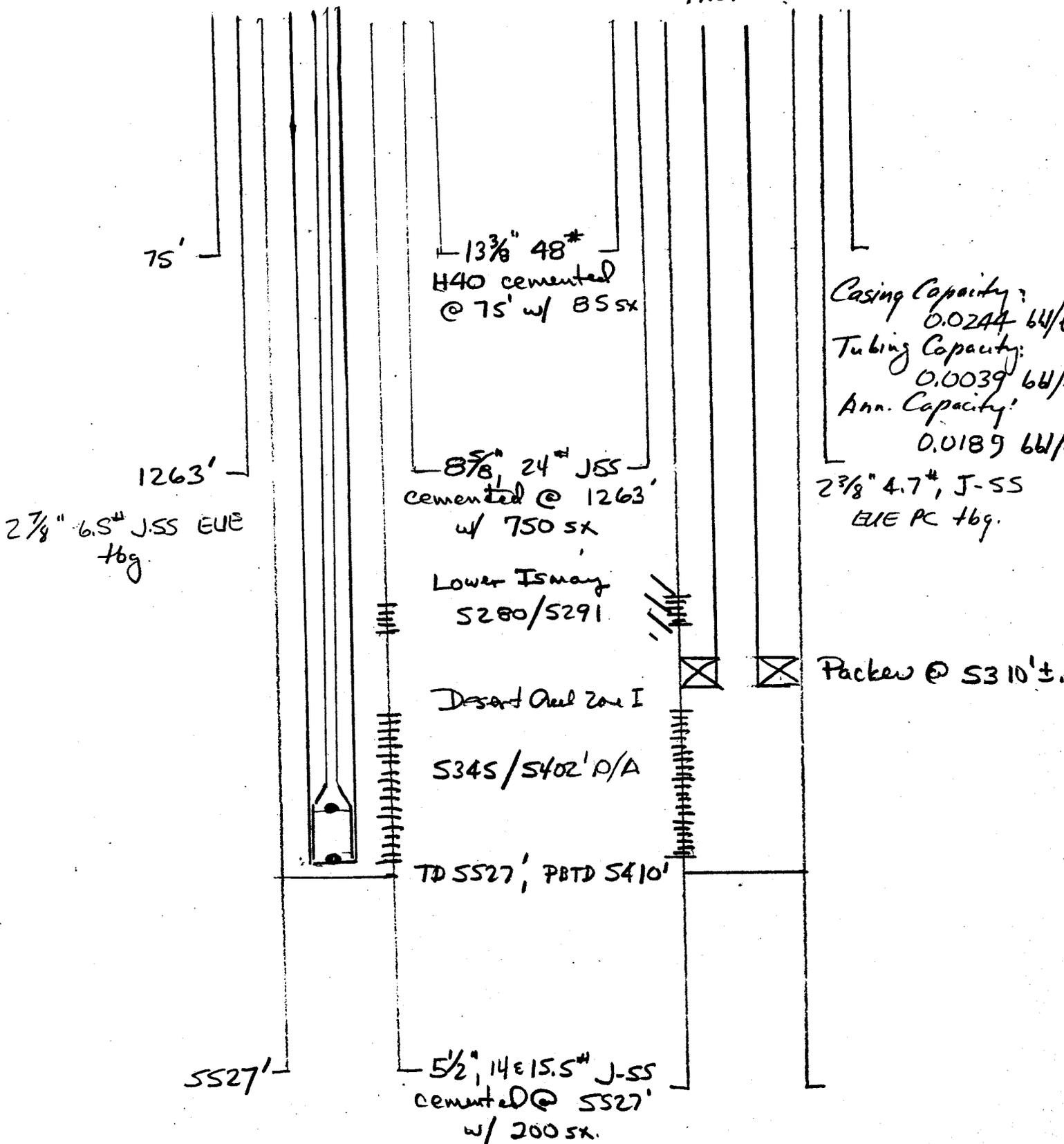
J-25

1E

McELMO CREEK Unit E-16
 GREATER ANETH FIELD
 SAN JUAN COUNTY, UTAH

CURRENT

PROPOSED



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)

RECEIVED

DEC 23 1985

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

DIVISION OF OIL
 GAS & MINING

IN THE MATTER OF THE APPLICATION OF

Mobil Oil Corp - Agent for Superior Oil CAUSE NO. _____

ADDRESS P. O. Drawer 6
 Cortez, Colorado ZIP 81321

INDIVIDUAL _____ PARTNERSHIP _____ CORPORATION

FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
 INJECT FLUID INTO THE MCU E-16 WELL

SEC. 2 TWP. 41S RANGE 24E
 San Juan COUNTY, UTAH

| | |
|-----------------------------|-------------------------------------|
| 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 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 McElmo Creek Unit | Well No. E-16 | Field Greater Aneth | County San Juan |
| Location of Enhanced Recovery 735' FSL, 595' FEL Injection or Disposal Well _____ Sec. <u>2</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 checked="" type="checkbox"/> No <input type="checkbox"/> | Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date _____ | |
| Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>1331'</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) Production Wells within McElmo Creek Unit | Geologic Name(s) and Depth of Source(s) Ismay 5500' Desert Creek 5600' | | |
| Geologic Name of Injection Zone Desert Creek | Depth of Injection Interval <u>5345</u> to <u>5402'</u> | | |
| a. Top of the Perforated Interval: <u>5345</u> | b. Base of Fresh Water: <u>1331</u> | c. Intervening Thickness (a minus b) <u>4014'</u> | |
| Is the intervening thickness sufficient to show fresh water will be protected without additional data? <u>YES</u> | | | |
| Lithology of Intervening Zones <u>See Item (ii) on Attachment I</u> | | | |
| Injection Rates and Pressures Maximum <u>500</u> <u>3100</u> B/D PSI | | | |
| The Names and Addresses of Those to Whom Notice of Application Should be Sent. <u>NONE</u> | | | |

State of Colorado

County of Montezuma

[Signature]

Applicant

Before me, the undersigned authority, on this day personally appeared D.C. Collins
 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 18 day of Dec, 1985

SEAL

Diane Wilson

My commission expires 9/29/89

Notary Public in and for Colorado

(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" | 75' | 85 | Unknown | |
| Intermediate | 8-5/8" | 1263' | 750 | 175' | Estimated |
| Production | 5-1/2" | 5527' | 200 | 4800' | Estimated |
| Tubing | 2-3/8" | 5230' | Name - Type - Depth of Tubing Packer Retrievable 5230' | | |
| Total Depth | Geologic Name - Inj. Zone | Depth - Top of Inj. Interval | Depth - Base of Inj. Interval | | |
| 5527' | Desert Creek | 5345 | 5402' | | |



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

January 2, 1986

Mobil Oil Corporation
P.O. Drawer G
Cortez, Colorado 81321

Attn: D.C. Collins

Gentlemen:

RE: Injection Well Applications, #G-12, G-14, I-12, G-16, E-14,
E-16, C-14, C-16, K-12, McElmo Creek Unit, San Juan County, Utah

Please provide the following to complete the applications for the above referenced wells.

- Describe pressure control and shut-off devices to be used (Rule I-5(b)(s)i).
- If the injection fluid is to be other than water (CO₂), provide geologic name, depth, and location of injection fluid source (Rule I-5(b)(s)ii).

If you have any questions, please call.

Sincerely,

Gil Hunt
Manager
Underground Injection Control Program

Mobil Oil # E-16

CHECKLIST FOR INJECTION WELL APPLICATION

| | |
|----------------------------------|------------------------|
| UIC Forms | <u>✓</u> |
| Plat | <u>✓</u> |
| Surface Owners and Lease Holders | <u>✓</u> |
| Schematic Diagram | <u>✓</u> |
| Frac Gradient Information | <u>NO</u> |
| Pressure and Rate Control | <u>PRESSURE?</u> |
| Fluid Source | <u>CO₂?</u> |
| Analysis of Injected Fluid | <u>?</u> |
| Geologic Information | <u>✓</u> |
| USDW in the Area | <u>✓</u> |
| Analysis of Injected Formation | <u>✓</u> |
| Contingency Plans | <u>✓</u> |
| Mechanical Integrity Test | <u>✓</u> |
| Aquifer Exemption | <u>✓</u> |

1/2/86




STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

January 8, 1986

San Juan Record
Legal Advertizing
Monticello, Utah 84535

Gentlemen:

RE: UIC-074

Attached hereto is a Notice of Application of Administrative Approval, before the Division of Oil, Gas and Mining, Department of Natural Resources, State of Utah.

It is requested that this notice be published ONCE ONLY, as soon as possible but no later than the 16th day of January. In the event that said notice cannot be published by this date, please notify this office immediately by calling 538-5340 Ex. 5296.

Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Very truly yours,
DIVISION OF OIL, GAS AND MINING

A handwritten signature in cursive script that reads "Marjorie L. Anderson".

MARJORIE L. ANDERSON
Administrative Assistant

mfp
0045A



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

January 8, 1986

Newspaper Agency
Legal Advertizing
Mezzanine Floor
143 South Main Street
Salt Lake City, Utah 84111

Gentlemen:

RE: UIC-074

Attached hereto is a Notice of Application of Administrative Approval, before the Division of Oil, Gas and Mining, Department of Natural Resources, State of Utah.

It is requested that this notice be published ONCE ONLY, as soon as possible but no later than the 16th day of January. In the event that said notice cannot be published by this date, please notify this office immediately by calling 538-5340 Ex. 5296.

Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Very truly yours,
DIVISION OF OIL, GAS AND MINING

A handwritten signature in cursive script that reads "Marjorie L. Anderson".

MARJORIE L. ANDERSON
Administrative Assistant

mfp
0045A

AFFIDAVIT OF PUBLICATION

Public notice

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

IN THE MATTER OF THE APPLICATION OF MOBIL OIL CORPORATION AS AGENT FOR SUPERIOR OIL COMPANY FOR ADMINISTRATIVE APPROVAL TO INJECT FLUID INTO CONVERTED ENHANCED RECOVERY INJECTION WELLS LOCATED IN SECTION 36, TOWNSHIP 40 SOUTH, RANGE 24 EAST; SECTION 31, TOWNSHIP 40 SOUTH, RANGE 25 EAST; AND SECTIONS 1 AND 2, TOWNSHIP 41 SOUTH, RANGE 24 EAST, SAN JUAN COUNTY, UTAH

CAUSE NO. UIC-074

THE STATE OF UTAH TO ALL INTERESTED PARTIES IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that Superior Oil Company through its Agent, Mobil Oil Corporation, P.O. Drawer G, Cortez, Colorado, 81321, has requested administrative approval from the Division to convert the following listed wells to enhance recovery injection wells:

McELMO CREEK UNIT
K-12, Sec. 31, T40S, R25E
G-12, Sec. 36, T40S, R24E
C-14, Sec. 2, T41S, R24E
E-14, Sec. 2, T41S, R24E
G-14, Sec. 1, T41S, R24E
I-12, Sec. 36, T40S, R24E
C-16, Sec. 2, T41S, R24E
E-16, Sec. 2, T41S, R24E
G-16, Sec. 1, T41S, R24E

INJECTION INTERVAL: Desert Creek Formation, 5308' to 5549'.

MAXIMUM ESTIMATED SURFACE PRESSURE: 3100 psig.

MAXIMUM ESTIMATED WATER INJECTION RATE: 500 BWPD/Well.

Approval of this Application will be granted unless objections are filed with the Division of Oil, Gas and Mining within fifteen days after publication of this Notice. Objections, if any, should be mailed to the Division of Oil, Gas and Mining, Attention: UIC Program Manager, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

DATED this 8th day of January, 1986.

STATE OF UTAH
DIVISION OF OIL,
GAS AND MINING
MARJORIE L. ANDERSON
Administrative Assistant

Published in The San Juan Record
January 15, 1986.

I, Joyce Martin, July sworn,

depose and say that I am the publisher of the San Juan Record, a weekly newspaper of general circulation published at Monticello, Utah, every Wednesday; that notice Cause No. UIC-074, Mobil Oil Corporation

a copy of which is hereunto attached, was published in the regular and entire issue of each number of said newspaper for a period of one issues, the first publication having been made on January 15, 1986 and the last publication having been made on _____

Signature

Joyce A. Martin
Publisher

Subscribed and sworn to before me this fifteenth day of January, A.D. 1986.

David K. Adams
Notary Public

Residing at Monticello, Utah
December 2, 1987

My commission expires _____

Affidavit of Publication

RECEIVED

ADM-35B

STATE OF UTAH,
County of Salt Lake

SS.

JAN 27 1986

DIVISION OF OIL
GAS & MINING

.....Cheryl Gierloff.....

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
CAUSE NO. UIC-074
In the matter of the Application of Mobil Oil Corporation as agent for Superior Oil Company for administrative approval to inject fluid into converted enhanced recovery injection wells located in Section 36, Township 40 South, Range 24 East; Section 31, Township 40 South, Range 25 East; and Sections 1 and 2, Township 41 South, Range 24 East, San Juan County, Utah.
THE STATE OF UTAH TO ALL INTERESTED PARTIES IN THE ABOVE ENTITLED MATTER.
Notice is hereby given that Superior Oil Company through its Agent, Mobil Oil Corporation, P.O. Drawer G, Cortez, Colorado, 81321, has requested administrative approval from the Division to convert the following listed wells to enhanced recovery injection wells:
McELMO CREEK UNIT
K-12, Sec. 31, T40S, R25E
G-12, Sec. 36, T40S, R24E
C-14, Sec. 2, T41S, R24E
E-14, Sec. 2, T41S, R24E
G-14, Sec. 1, T41S, R24E
I-12, Sec. 36, T40S, R24E
C-12, Sec. 2, T41S, R24E
E-14, Sec. 2, T41S, R24E
G-14, Sec. 1, T41S, R24E
Injection Interval: Desert Creek Formation, 5308' to 5349'
Maximum Estimated Surface Pressure: 3100 psig
Maximum Estimated Water Injection Rate: 500 BWPD/Well
Approval of this Application will be granted unless objections are filed with the Division of Oil, Gas and Mining within fifteen days after publication of this Notice. Objections, if any, should be mailed to the Division of Oil, Gas and Mining, Attention: UIC Program Manager, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.
DATED this 8th day of January, 1986.
STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
Administrative Assistant

Being first duly sworn, deposes and says that he/she is legal advertising clerk of THE SALT LAKE TRIBUNE, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah, and of the DESERET NEWS, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah.

That the legal notice of which a copy is attached hereto

.....Cause No. UIC-074 Application of.....

.....Mobil Oil Corporation.....

was published in said newspaper on.....

.....January 16, 1986.....

Cheryl Gierloff
Legal Advertising Clerk

Subscribed and sworn to before me this22nd..... day of
.....January..... A.D. 1986....

B. J. Davis
Notary Public

My Commission Expires

.....March 1, 1988.....





STATE OF UTAH
 NATURAL RESOURCES
 Oil, Gas & Mining

Norman H. Bangerter, Governor
 Dee C. Hansen, Executive Director
 Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

February 4, 1986 //

Mobil Oil Corporation-agent for
 Superior Oil Company
 P.O. Drawer G
 Cortez, Colorado 81321

Gentlemen:

RE: Injection Well Approval - Cause No. UIC-074

Administrative approval is hereby granted to convert the following wells to Class II enhanced recovery water injection wells:

McELMO CREEK UNIT

| | |
|--------------------------|---------------------------|
| E-16, Sec. 2, T41S, R24E | G-16, Sec. 1, T41S, R24E |
| C-16, Sec. 2, T41S, R24E | K-12, Sec. 31, T40S, R25E |
| C-14, Sec. 2, T41S, R24E | I-12, Sec. 36, T40S, R24E |
| E-14, Sec. 2, T41S, R24E | G-12, Sec. 36, T40S, R24E |
| G-14, Sec. 1, T41S, R24E | |

San Juan County, Utah S.L.M.

This approval is conditional upon full compliance with the UIC rules and regulations adopted by the Board of Oil, Gas and Mining, and construction and operation of the well as outlined in the application submitted.

If you have any questions concerning this matter, please do not hesitate to call or write.

Best regards,

[Handwritten Signature]
 Dianne R. Nielson
 Director

mfp
 7627U

Mobil Oil Corporation

P.O. DRAWER G
CORTEZ, COLORADO 81321

January 10, 1986

RECEIVED

State of Utah
Natural Resources
355 W. North Temple
Salt Lake City, Utah 84180-1203

JAN 14 1986

Atten: Mr. Gil Hunt

DIVISION OF OIL
GAS & MINING

RE: Injection Well Applications, C-14, C-16, E-14, E-16, G-12,
G-14, G-16, I-12, K-12, McElmo Creek Unit, San Juan County, Utah

Dear Mr. Hunt:

As per our telephone conversation on January 6, 1986, we have initiated a carbon dioxide project in the McElmo Creek Unit. The CO₂ is purchased from Shell Oil Company's Howenweep facility in the McElmo Dome field in Montezuma and Dolores Counties, Colorado. An analysis of a gas sample obtained January 1, 1986 is as follows (% Mol Wgt):

| | | | | | |
|-------------------|--------|-------------------|-------|------------------|-------|
| CO ₂ : | 98.361 | CH ₄ : | 0.132 | N ₂ : | 1.507 |
|-------------------|--------|-------------------|-------|------------------|-------|

Carbon dioxide produced from wells within the McElmo Creek Unit will be removed from the gas stream and reinjected.

The CO₂ enhanced oil recovery process involves the injection of alternating cycles of carbon dioxide and water (WAG process). The volume of gas injected per WAG cycle is based on the hydrocarbon pore volume in the reservoir - 1.25 percent in this case. The gas is followed by an equal volume of water. Carbon dioxide injection will be initiated in five phases. Phase I injection began February 28, 1985 and was expanded in August, 1985. We are in the process now of implementing Phase II injection.

During our telephone conversation you indicated that UIC regulations do not require prior approval for CO₂ injection. However, in order to keep your office informed we will submit Sundry Notices for each well prior to the first CO₂ injection. We will also submit Sundry Notices indicating when carbon dioxide injection actually began. Notices for those wells in which CO₂ injection has already begun are attached.

The nine wells covered covered in our Injection Well Application are not scheduled for CO₂ injection until some time in 1987.

Should you have any questions, please call me.



D. C. Collins
Senior Staff Operations Engineer
(303) 565-2209

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

---oo0oo---

IN THE MATTER OF THE APPLICATION : CAUSE NO. UIC-074
OF MOBIL OIL CORPORATION AS AGENT :
FOR SUPERIOR OIL COMPANY FOR :
ADMINISTRATIVE APPROVAL TO INJECT :
FLUID INTO CONVERTED ENHANCED :
RECOVERY INJECTION WELLS LOCATED :
IN SECTION 36, TOWNSHIP 40 SOUTH, :
RANGE 24 EAST; SECTION 31, TOWNSHIP :
40 SOUTH, RANGE 25 EAST; AND :
SECTIONS 1 AND 2, TOWNSHIP 41 :
SOUTH, RANGE 24 EAST, SAN JUAN :
COUNTY, UTAH :

---oo0oo---

THE STATE OF UTAH TO ALL INTERESTED PARTIES IN THE ABOVE ENTITLED
MATTER.

Notice is hereby given that Superior Oil Company through its
Agent, Mobil Oil Corporation, P.O. Drawer G, Cortez, Colorado, 81321,
has requested administrative approval from the Division to convert the
following listed wells to enhanced recovery injection wells:

McELMO CREEK UNIT

| | |
|---------------------------|---------------------------|
| K-12, Sec. 31, T40S, R25E | I-12, Sec. 36, T40S, R24E |
| G-12, Sec. 36, T40S, R24E | C-16, Sec. 2, T41S, R24E |
| C-14, Sec. 2, T41S, R24E | E-16, Sec. 2, T41S, R24E |
| E-14, Sec. 2, T41S, R24E | G-16, Sec. 1, T41S, R24E |
| G-14, Sec. 1, T41S, R24E | |

INJECTION INTERVAL: Desert Creek Formation, 5308' to 5549'
MAXIMUM ESTIMATED SURFACE PRESSURE: 3100 psig
MAXIMUM ESTIMATED WATER INJECTION RATE: 500 BWPD/WELL

Approval of this Application will be granted unless objections are
filed with the Division of Oil, Gas and Mining within fifteen days
after publication of this Notice. Objections, if any, should be
mailed to the Division of Oil, Gas and Mining, Attention: UIC Program
Manager, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake
City, Utah 84180-1203.

DATED this 8th day of January, 1986.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

Marjorie L. Anderson
MARJORIE L. ANDERSON
Administrative Assistant

Publication was sent to the following:

Bureau of Land Management
Consolidated Financial Center
324 South State Street
Salt Lake City, Utah 84111-2303

U.S. Environmental Protection Agency
Suite 1300
Attn: Mike Strieby
999 18th Street
Denver Colorado 80202-2413

Utah State Department of Health
Water Pollution Control
Attn: Loren Morton
4241 State Office Building
Salt Lake City, Utah 84114

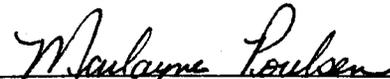
Phillips Petroleum Company
PO Box 1150
Cortez, Colorado 81321

Navajo Indian Tribe
Window Rock, Arizona 84615

Texaco, Inc.
PO Box EE
Cortez, Colorado 81321

Newspaper Agency
Legal Advertisizing
Mezzanine Floor
143 South Main
Salt Lake City, Utah 84111

San Juan Record
Legal Advertisizing
Monticello, Utah 84535


January 8, 1986

Mobil Oil Corporation

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

May 14, 1986

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

Attn: R. J. Firth
Associate Director

RECEIVED
MAY 16 1986

DIVISION OF
OIL, GAS & MINING

SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

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

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

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

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

Very truly yours,



R. D. Baker
Environmental Regulatory Manager

CNE/rd
CNE8661

WESTERN REGULATORY WELL COMPLIANCE DATA FILE (PAGE 1 OF 2)
 FOR THE CORTEZ SUPERVISOR AREA
 FOR THE GREATER ANETH FIELD 03/13/86

| PROPERTY NAME | WELL NAME | COUNTY | STATE | SEC | TOWNSHIP | RNG | WELL TYPE | API NUMBER | FEDERAL LEASE NUMBER | STATE NUMBER | UNIT NUMBER |
|------------------|--------------|----------|-------|-----|----------|------------|--------------|--------------|-------------------------|-----------------|----------------|
| MC ELMO CREEK | C-14 | SAN JUAN | UT | SE | NW | 2-41S-24E | PROD OP | 43-037-16265 | 14-20-603-6509 | | 96-004190 |
| | C-15 | SAN JUAN | UT | NE | SW | 2-41S-24E | PROD OP | 43-037-30384 | 14-20-603-6508 | | 96-004190 |
| | C-16 | SAN JUAN | UT | SE | SW | 2-41S-24E | PROD OP | 43-037-16266 | 14-20-603-6508 | | 96-004190 |
| | C-17 | SAN JUAN | UT | NE | NW | 11-41S-24E | PROD OP | 43-037-30385 | 14-20-603-5448 | | 96-004190 |
| | C-18 | SAN JUAN | UT | SE | NW | 11-41S-24E | PROD OP | 43-037-15702 | 14-20-603-5448 | | 96-004190 |
| | C-19 | SAN JUAN | UT | NE | SW | 11-41S-24E | PROD OP | 43-037-15703 | 14-20-603-5448 | | 96-004190 |
| | D-13 | SAN JUAN | UT | NW | NE | 2-41S-24E | INJ OP | 43-037-16267 | 14-20-603-6510 | | 96-004190 |
| | D-14 | SAN JUAN | UT | SW | NE | 02-41S-24E | PROD OP | 43-037-30386 | 14-20-603-6510 | | 96-004190 |
| | D-15 | SAN JUAN | UT | NW | SE | 2-41S-24E | INJ OP | 43-037-05656 | 14-20-0603-6147 | | 96-004190 |
| | D-16 | SAN JUAN | UT | SW | SE | 02-41S-24E | PROD OP | 43-037-30387 | 14-20-0603-6147 | | 96-004190 |
| | D-17 | SAN JUAN | UT | NW | NE | 11-41S-24E | INJ OP | 43-037-15704 | 14-20-603-5447 | | 96-004190 |
| | D-18 | SAN JUAN | UT | SW | NE | 11-41S-24E | PROD OP | 43-037-30256 | 14-20-603-5447 | | 96-004190 |
| | D-20 | SAN JUAN | UT | SW | SE | 22-41S-25E | PROD TA | 43-037-15615 | 14-20-603-5449 | | 96-004193 |
| | E-13 | SAN JUAN | UT | NE | NE | 02-41S-24E | PROD OP | 43-037-30388 | 14-20-603-6510 | | 96-004190 |
| | E-14 | SAN JUAN | UT | SE | NE | 02-41S-24E | PROD OP | 43-037-16268 | 14-20-603-6510 | | 96-004190 |
| | E-15 | SAN JUAN | UT | NE | SE | 02-41S-24E | PROD OP | 43-037-30389 | 14-20-0603-6147 | | 96-004190 |
| | E-16 | SAN JUAN | UT | SE | SE | 02-41S-24E | PROD OP | 43-037-15616 | 14-20-0603-6147 | | 96-004190 |
| | E-17 | SAN JUAN | UT | NE | NE | 11-41S-24E | PROD OP | 43-037-30390 | 14-20-603-4039 | | 96-004190 |
| | E-18 | SAN JUAN | UT | SE | NE | 11-41S-24E | PROD OP | 43-037-15706 | 14-20-603-5447 | | 96-004190 |
| | E-19 | SAN JUAN | UT | NE | SE | 11-41S-24E | INJ OP | 43-037-16342 | 14-20-603-5449 | | 96-004190 |
| | E-20 | SAN JUAN | UT | SE | SE | 11-41S-24E | COMP | 43-037-31057 | 14-20-603-5449 | | 96-004190 |
| | E-21 | SAN JUAN | UT | NE | NE | 14-41S-24E | INJ OP | 43-037-16343 | 14-20-603-370 | | 96-004190 |
| | E-23 | SAN JUAN | UT | NE | SE | 14-41S-24E | INJ OP | 43-037-16344 | 14-20-603-370 | | 96-004190 |
| | F-11 | SAN JUAN | UT | NW | SW | 36-40S-24E | INJ OP | 43-037-05743 | 14-20-0603-6146 | | 96-004190 |
| | F-12 | SAN JUAN | UT | SW | SW | 36-40S-24E | PROD OP | 43-037-30380 | 14-20-0603-6146 | | 96-004190 |
| | F-13 | SAN JUAN | UT | NW | NW | 01-41S-24E | INJ OP | 43-037-16345 | 14-20-603-4032 | | 96-004190 |
| | F-14 | SAN JUAN | UT | SW | NW | 01-41S-24E | PROD OP | 43-037-30255 | 14-20-603-4032 | | 96-004190 |
| | F-15A | SAN JUAN | UT | NW | SW | 1-41S-24E | INJ OP | 43-037-31149 | 14-20-603-4032 | | 96-004190 |
| | F-16 | SAN JUAN | UT | SW | SW | 01-41S-24E | PROD OP | 43-037-30381 | 14-20-603-4032 | | 96-004190 |
| | F-17 | SAN JUAN | UT | NW | NW | 12-41S-24E | INJ OP | 43-037-15493 | 14-20-603-4039 | | 96-004190 |

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLI
(Other instructions
verse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

| | | |
|--|--|---|
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> | | 5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-6147 |
| 2. NAME OF OPERATOR Mobil Oil Corporation | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo |
| 3. ADDRESS OF OPERATOR P.O. Drawer G, Cortez, Co 81321 | | 7. UNIT AGREEMENT NAME McElmo Creek |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 735' FSL. 595' FEL | | 8. FARM OR LEASE NAME - |
| 14. PERMIT NO. | 15. ELEVATIONS (Show whether DF, RT, GR, etc.) DF. 4503' | 9. WELL NO. E-16 |
| | | 10. FIELD AND POOL, OR WILDCAT Greater Aneth |
| | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 2, T41S, R24E, SLM |
| | | 12. COUNTY OR PARISH San Juan |
| | | 13. STATE Utah |

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

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

3.26.87 MIRU. POOH w/ rods and pump. NU BOP's. Released anchor and POOH w/ hq. RIH w/ bit and scraper to PBTD @ 5410'. POOH.
3.27.87 Set CIBP @ 5320'. RIH w/ hq and plv. hydrotesting to 5500 psi. Tested CIBP to 1500 psi. - OK. Pulled up to 5204' and set plv. Filled annulus and tested to 1500 psi. OK.
3.28.87 RU to squeeze Ismay perts 5280-91'. Pumped 75 sx thixotropic cement. Cleared perts and pumped 25 sx Class 'B' cement containing 2% CaCl₂ and 1/2 fluid loss additive. Squeezed to 3100 psi. Pressure bled off 300 psi in 5 min. Released plv and reversed out 5 sx. Raised plv 4 jts and set. Pressured hq to 1500 psi. (Continued on attached)

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

SIGNED [Signature] TITLE Staff Op Engr. DATE 4.9.87

(This space for Federal or State office use)

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



*See Instructions on Reverse Side

DIVISION OF

OIL, GAS & MINING

McElmo Creek Unit E-16 Conversion

- 3-29-87 SD for Sunday
- 3-30-87 PDOH w/ tbg and pkr. RIH w/ bit and scraper. Tagged top of cement @ 5204'. DO hard cement to 5297'. Tested squeeze to 1400 psi for 30 min without loss. DO CIBPC @ 5320'. PDOH w/ tbg.
- 3-31-87 RIH w/ tbg and pkr. Set pkr @ 5319'. Treated Desert Creek zone I parts 5345/5402' O/A w/ 2000 gal. 28% HCl in 4 equal stages using rock salt plugs for diversion. Ave rate 4 BPM. Pressure 0 psi throughout job. Swabbed 6 hrs recovering 24 bbls acid water.
- 4-1-87 Swabbed 5 hrs and recovered 20 bbls acid water. Fluid level 5200 to 5300'. Released pkr and PDOH.
- 4-2-87 Hydrotested in hole w/ Guiberson ER-VI pkr and 171 jts 2-3/8" J-SS 8rd EUE tbg internally coated w/ PA400. Set pkr @ 5319'. Filled annulus w/ inhibited FW. Made up well head. RDMO.
- 4-8-87 Completed installation of injection skid.
- 4-9-87 Placed well on injection.

FORM NO. DOGM-UIC-5
(1981)

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING
Room 4241 State Office Building
Salt Lake City, Utah 8414
(801) 533-5771

RECEIVED
APR 16 1987

DIVISION OF
OIL, GAS & MINING

RULE I-7 (d & e)

NOTICE OF (COMMENCEMENT) (TERMINATION) OF INJECTION
(Circle appropriate heading)

Check Appropriate Classification:

Date of Commencement/Termination 4.9.87

Disposal Well

Enhanced Recovery Injection Well

Enhanced Recovery Project

Well Name McElmo Creek Unit E-116

Location: Section 2 Twp. 41S Rng. 24E County San Juan

Order No. authorizing Injection UIC-074 Date Feb 4, 1986

Zone into Which Fluid Injected Desert Creek Zone I

If this is a Notice of Termination of injection, please indicate date well commenced injection. _____

If this is a Notice of Termination of injection, please indicate if well is to be plugged or returned to production; if returned to production, indicate producing interval _____

Operator Mobil Oil Corporation

Address P.O. Drawer G, Cortez, Co 81321


Signature

4.9.87
Date

INSTRUCTION: If this is notification of an enhanced recovery project injection termination, it must be accompanied by an individual well status report for all project injection wells.

RECEIVED
FEB 06 1989

DIVISION OF OIL, GAS & MINING UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

1. Oil Well Gas Well Other: INJECTION WELL

2. Name of Operator
MOBIL OIL CORPORATION

3. Address of Operator
P. O. DRAWER 6, CORTEZ, CO. 81321

4. Location of Well
735' FSL, 595' FEL

14. Permit No.

43-037-15616

15. Elevations (DF, RT, GR)
KB:4506, DF:4503'

5. Lease Designation & Serial No.

6. If Indian, Allottee or Tribe Name
NAVAJO

7. Unit Agreement Name
MCELMO CREEK

8. Farm or Lease Name

9. Well No.
E-16

10. Field and Pool, or Mildcat
GREATER ANETH

11. Sec. T,R,M or BLK and Survey or Area
SEC. 2, T41S, R24E

12. County, Parish 13. State
SAN JUAN UTAH

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

Notice of Intention To:

Subsequent Report of:

Test Water Shut-off Pull or Alter Casing Water Shut-off Repairing Well
Fracture Treat Multiple Complete Fracture Treatment Altering Casing
Shoot or Acidize Abandon Shooting/Acidizing Abandonment
Repair Well Change Plans (Other)
(Other)

TEMPORARILY SHUT-IN WELL

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 zone pertinent to this work) *

Mobil Oil requests permission to temporarily shut-in this injection well. Over the past year injection rates for this well have been less than 1 BWPD. Several tubing leaks have been encountered and repaired, but at this time it is not prudent to repair any more leaks until injection pressure can be increased and an acceptable rate established. Mobil's intent is to set a retrievable bridge plug above all perforations and inhibit the well with a corrosion inhibitor. A mechanical integrity test will be performed. This well will be returned to injection as soon as the injection pressure is increased to allow a sufficient injection rate. Mobil Oil anticipates having this well back on injection by July 1, 1989.

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

Federal approval of this action is required before commencing operations.

Signed: T.W. McPherson
T.W. McPHERSON

Title: ENGINEER Date: 1/30/89

(This space for Federal or State office use)
APPROVED Federal Approval of this Action is Necessary
CONDITIONS OF APPROVAL, IF ANY:

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

Date: FEBRUARY 14, 1989

By: [Signature] FOR RECORD PURPOSES ONLY

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.

RECEIVED
JUL 28 1989

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DIVISION OF
OIL, GAS & MINING

5. Lease Designation &
Serial No.
14-20-0603-6147
6. If Indian, Allottee or Tribe Name
NAVAJO

SUNDRY NOTICES AND REPORTS ON WELLS

1. Oil Well Gas Well Other: WATER INJECTION

2. Name of Operator
MOBIL OIL CORPORATION

3. Address of Operator
P. O. DRAWER 6, CORTEZ, CO. 81321

4. Location of Well

735' FSL, 595' FEL

7. Unit Agreement Name
McELMO CREEK UNIT

8. Farm or Lease Name
McELMO CREEK

9. Well No.
E-16

10. Field and Pool, or Wildcat
GREATER ANETH

11. Sec. T,R,M or BLK and
Survey or Area
SEC. 2, T41S, R24E

12. County, Parish 13. State
SAN JUAN UTAH

14. Permit No. 15. Elevations (DF, RT, GR)
43-037-15616 KB: 4506', DF: 4503'

16

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA
Notice of Intention To: Subsequent Report of:
Test Water Shut-off Pull or Alter Casing Water Shut-off Repairing Well
Fracture Treat Multiple Complete Fracture Treatment Altering Casing
Shoot or Acidize Abandon Shooting/Acidizing Abandonment
Repair Well Change Plans (Other)
(Other) REQUEST TEMPORARY ABANDON STATUS (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 zone pertinent to this work) *

Mobil Oil requests an extension of the Temporary Abandon Status for McElmo Creek Unit Well # E-16. This well is scheduled to be returned to injection as a CO2 injection well during the proposed expansion of the EOR project. The expansion is scheduled to begin late this year or during the first quarter of 1990.

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

Signed: M. T. Balog Title: Staff Operations Engineer Date: 07/24/89

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

Date: 7-31-89

By: [Signature] For record only

(This space for Federal or State office use)
APPROVED BY: [Signature] TITLE: [Signature]
CONDITIONS OF APPROVAL, IF ANY: Federal Approval of this Action is Necessary

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
14-20-0603-6147

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

MCELMO CREEK UNIT

8. Well Name and No.

E-16

9. API Well No.

43-037-15616

10. Field and Pool, or Exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN, UTAH

1. Type of Well
 Oil Well Gas Well Other **INJECTION WELL**

2. Name of Operator
MOBIL OIL CORPORATION

3. Address and Telephone No.
P.O. BOX 633 MIDLAND, TEXAS 79702

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
735' FSL, 595 FEL SEC. 2, T41S, R24E

RECEIVED
OCT 15 1990
DIVISION OF
OIL, GAS & MINING

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

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

CONVERSION TO CO2

(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.)*

- 9-11-90 MIRU INSTALL NEW TBG HEAD. PRESS TEST 1500# PSI/HELD/OK. DRILL OUT PLUG & IRON SULFIDE, CIRC HOLE CLEAN
- 9-12-90 PRESS TEST ISMAY PERFS/HELD/1000# PSI/OK. ACDZ DESERT CREEK ZONE I PERFS W/3700 GALS 15% HCL W/2950 GALS DIVERTER
- 9-13-90 SET CIBP @5325 SPOT 25X "G" CMT @ ISMAY PERFS 5280-5291. CIRC HOLE CLEAN BLOCK SQZ TO 1500# PSI.
- 9-14-90 DRILL OUT CIBP (5325) PRESS TEST SQZ TO 1000# PSI/HELD/OK DRLG CIBP TO PBTD
- 9-17-90 RIH W/TBG SET PKR @ 5274'. PRESS TEST CSG TO 1000# psi/30 MIN/HELD/OK RDMO

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

Signed Shirley Dodd (915)688-2585 Title MOBIL EXPLORATION & PRODUCING U.S. INC. AS AGENT FOR MOBIL OIL CORPORATION Date 10-12-90

(This space for Federal or State office use)

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

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

*See Instruction on Reverse Side

STATE OF UTAH
INVENTORY OF INJECTION WELLS

| OPERATOR | API NO. | WELL | TNS | RGE | SE | WELLTYPE | INDIAN COUNT |
|----------------|--------------|-------|-----|-----|----|----------|--------------|
| ***** | ***** | ***** | *** | *** | ** | ***** | ***** |
| ✓ MEPNA (MOBIL | 43-037-15617 | F-11 | 40S | 24E | 36 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-16350 | H-11 | 40S | 24E | 36 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-15618 | G-12 | 40S | 24E | 36 | INJI | Y |
| ✓ MEPNA (MOBIL | 43-037-15619 | I-12 | 40S | 24E | 36 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-16377 | T-8 | 40S | 25E | 28 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-16366 | P-7 | 40S | 25E | 29 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-16362 | N-7 | 40S | 25E | 29 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-15961 | M-10 | 40S | 25E | 31 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-16359 | L-9 | 40S | 25E | 31 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-15955 | K-12 | 40S | 25E | 31 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-16354 | J-11 | 40S | 25E | 31 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-15958 | L-11 | 40S | 25E | 31 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-15962 | M-12 | 40S | 25E | 31 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-16367 | P-9 | 40S | 25E | 32 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-31677 | Q12A | 40S | 25E | 32 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-15968 | O-12 | 40S | 25E | 32 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-15971 | P-11 | 40S | 25E | 32 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-15965 | N-11 | 40S | 25E | 32 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-15967 | O-10 | 40S | 25E | 32 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-15964 | N-9 | 40S | 25E | 32 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-15973 | Q-10 | 40S | 25E | 32 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-30080 | T-09A | 40S | 25E | 33 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-16155 | U-12 | 40S | 25E | 33 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-16375 | S-10 | 40S | 25E | 33 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-30179 | R-11A | 40S | 25E | 33 | INJI | Y |
| ✓ MEPNA (MOBIL | 43-037-16381 | U-10 | 40S | 25E | 33 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-16147 | R-09 | 40S | 25E | 33 | INJI | Y |
| ✓ MEPNA (MOBIL | 43-037-16150 | S-12 | 40S | 25E | 33 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-16351 | H-13 | 41S | 24E | 1 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-16144 | G-16 | 41S | 24E | 1 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-16345 | F-13 | 41S | 24E | 1 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-16143 | G-14 | 41S | 24E | 1 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-15495 | H-15 | 41S | 24E | 1 | INJI | Y |
| ✓ MEPNA (MOBIL | 43-037-15497 | I-16 | 41S | 24E | 1 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-31149 | F-15A | 41S | 24E | 1 | INJI | Y |
| ✓ MEPNA (MOBIL | 43-037-16267 | D-13 | 41S | 24E | 2 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-16268 | E-14 | 41S | 24E | 2 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-16341 | D-15 | 41S | 24E | 2 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-16340 | B-15 | 41S | 24E | 2 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-15616 | E-16 | 41S | 24E | 2 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-16265 | C-14 | 41S | 24E | 2 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-16338 | A-17 | 41S | 24E | 10 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-15704 | D-17 | 41S | 24E | 11 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-16342 | E-19 | 41S | 24E | 11 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-15702 | C-18 | 41S | 24E | 11 | INJI | Y |
| ✓ MEPNA (MOBIL | 43-037-15496 | H-17 | 41S | 24E | 12 | INJI | Y |
| ✓ MEPNA (MOBIL | 43-037-16346 | G-19 | 41S | 24E | 12 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-15709 | I-18 | 41S | 24E | 12 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-15710 | I-20 | 41S | 24E | 12 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-15493 | F-17 | 41S | 24E | 12 | INJW | Y |
| ✓ MEPNA (MOBIL | 43-037-15494 | G-18 | 41S | 24E | 12 | INJI | Y |
| ✓ MEPNA (MOBIL | 43-037-16352 | I-23 | 41S | 24E | 13 | INJI | Y |
| ✓ MEPNA (MOBIL | 43-037-16348 | G-23 | 41S | 24E | 13 | INJW | Y |

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).

Mobil Oil Corporation

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

May 14, 1986

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

Attn: R. J. Firth
Associate Director

RECEIVED
MAY 16 1986

DIVISION OF
OIL, GAS & MINING

SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

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

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

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

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

Very truly yours,



CNE/rd
CNE8661

R. D. Baker
Environmental Regulatory Manager

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

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

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

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

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

| | | | |
|-------------------|--------------------------------|------------------------|-----------------------------|
| TO (new operator) | <u>MOBIL EXPLOR & 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: ** SEE ATTACHED ** | API: <u>037-15616</u> | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |

OPERATOR CHANGE DOCUMENTATION

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

ENTITY REVIEW

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

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

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

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

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

FILMING

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

FILING

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

COMMENTS

950803 UIC F5/Not necessary!

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator **MOBIL 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)
(SE/SE)SEC. 2, T41S, 24E
735' FSL & 595' FEL

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

5. Lease Designation and Serial No.
14-20-0603-6147

6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation
MCELMO CREEK UNIT

8. Well Name and No.
MCELMO CREEK UNIT E-16

9. API Well No.
43-037-15616

10. Field and Pool, or exploratory Area
GREATER ANETH

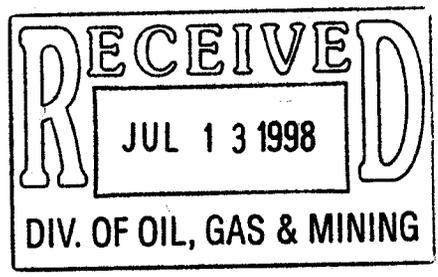
11. County or Parish, State
SAN JUAN UT

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

| TYPE OF SUBMISSION | TYPE OF ACTION |
|--|--|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Abandonment |
| <input type="checkbox"/> 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 & CHART |
| | <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 <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small> |

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.)*

SCHEDULED MIT (1998)
ATTACHED MIT & CHART



14. I hereby certify that the foregoing is true and correct
Signed *Shirley Houchins* Title **SHIRLEY HOUCHINS, ENV. & REG. TECH** Date **7-10-98**

(This space for Federal or State office use)
Approved by _____ Title _____ Date _____
Conditions of approval, if any:

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

* See Instruction on Reverse Side

ANNULAR PRESSURE TEST

(Mechanical Integrity Test)

Operator Mobil

Date of Test 6-23-98

Well Name McELMOCREEK UNIT WELL #E-16

EPA Permit No. _____

Location SEC 2 T41S R24E

Tribal Lease No. 14-20-0603-6147

State and County SAN JUAN COUNTY, UTAH

Continuous Recorder? YES NO

Pressure Gauge? YES NO

Bradenhead Opened? YES NO

Fluid Flow? YES NO

Rusted, will not open

| <u>TIME</u> | <u>ANNULUS PRESSURE, psi</u> | <u>TUBING PRESSURE, psi</u> |
|----------------|------------------------------|-----------------------------|
| <u>2:40 pm</u> | <u>1060</u> | <u>2400</u> |
| <u>2:45 pm</u> | <u>1060</u> | <u>2400</u> |
| <u>2:50 pm</u> | <u>1065</u> | <u>2400</u> |
| <u>2:55 pm</u> | <u>1080</u> | <u>2400</u> |
| <u>3:00 pm</u> | <u>1085</u> | <u>2400</u> |
| <u>3:05 pm</u> | <u>1095</u> | <u>2400</u> |
| <u>3:10 pm</u> | <u>1100</u> | <u>2400</u> |

MAX. INJECTION PRESSURE: ^{RANGE} 2500-3000 PSI For Mobil plant at this time
 MAX. ALLOWABLE PRESSURE CHANGE: 53.0 PSI 3000 for CO₂ IW (TEST PRESSURE X 0.05)
 REMARKS: Passed? Failed? If failed, cease injection until well passes MIT (40CFR§144.21(c)(6)).

The entire bradenhead is loose, will not open, rust. There is hose damage on recorder equipment. Area on connection - recorder crack on recorder hose. Recommend to replace hose on recorder.

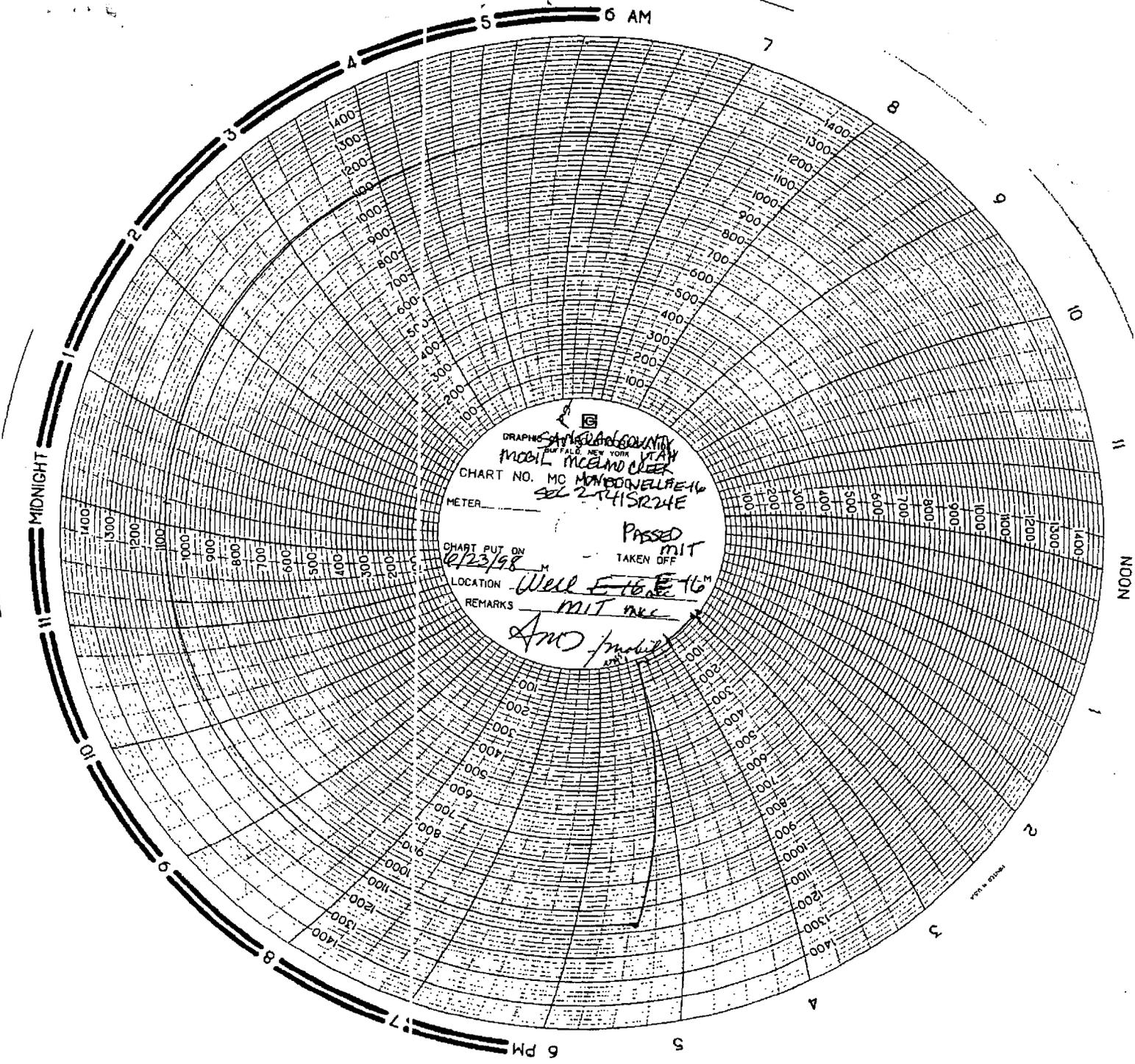
PASSED MIT

ALBERT M. TOMSONIE Am Johnson
COMPANY REPRESENTATIVE: (Print and Sign)

6-23-98
DATE

Uelina Klat Melvina K. Claf
INSPECTOR: (Print and Sign)

6-23-98
DATE



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.
14-20-0603-6147

6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

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

8. Well Name and No.
McElmo Creek Unit E-16

9. API Well No.
43-037-15616

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
Mobil Producing TX. & N.M. Inc.

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)
(SE/SE) 735' FSL & 595' FEL
Sec 2 T-41-S R-24-E

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|--|---|---|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other Annular Pressure |
| | <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.)

This well experienced 2500 psi pressure on the production casing x tubing annulus on 2/14/01 which indicated a probable tubing leak.

The well was shut-in, and the Navajo and US EPA verbally notified on 2/14/01.

RECEIVED
FEB 20 2001
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** ExxonMobil Production Company, A division of Exxon Mobil Corporation

Signature *Ellen M. Carroll* Date **02/16/2001** acting for Mobil Producing Texas & New Mexico, Inc.

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires: 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.
14-20-0603-6147

6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

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

8. Well Name and No.
McElmo Creek Unit E-16

9. API Well No.
43-037-15616

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
Mobil Producing TX. & N.M. Inc.

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)
(SE/SE) 735' FSL & 595' FEL
Sec 2 T-41-S R-24-E

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|--|---|---|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other Annular Pressure |
| | <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.)

Per Bill Freeman, Navajo EPA, annulus would not blow down. Unable to pressure up annulus. Well flowed for 30 minutes. No chart available.

Failed MIT on 3/28/01.

RECEIVED

APR 06 2001

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 <i>Ellen Carroll</i> | Date 04/05/2001 |

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

(Instructions on Reverse)

ANNULAR PRESSURE TEST

APR 02 2001

(Mechanical Integrity Test)

Operator EXXON - Mobil E+P, US Inc. Date of Test 3/28/01
 Well Name #E-16 McElmo Creek Unit EPA Permit No. _____
 Location ne Sec 2 - T41S - R24E Tribal Lease No. 14-20-0603-6147
 State and County San Juan Co., Utah

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

| TIME | ANNULUS PRESSURE, psi | | TUBING PRESSURE, psi |
|---------|-----------------------|----------|----------------------|
| | 5000 psi gauge | Recorder | 5000 psi gauge |
| 2:30 pm | 2000 psi | → | 1400 psi |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| 3:00 pm | 1650 psi | | 1375 psi |

MAX. INJECTION PRESSURE: 3000 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)).
 SI injection well. 2000 psi on annulus before test. Bradenhead valve corroded shut. Attempted to blow-down annulus pressure, but decreased only to 1650 psi after 30 minutes, FAILED MIT. CO₂ w/ strong H₂S odor emitted during blow-down. Iced-up truck.

ALBERT M. TOTTSONIE AM Tottsonie 3/28/01
 COMPANY REPRESENTATIVE: (Print and Sign) DATE
Wm E. Freeman W.E. Freeman 3/28/01
 INSPECTOR: (Print and Sign) DATE

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.
14-20-0603-6147

6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

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

8. Well Name and No.
McElmo Creek Unit E-16

9. API Well No.
43-037-15616

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
Mobil Producing TX. & N.M. Inc.

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)
(SE/SE) 735' FSL & 595' FEL
Sec 2 T-41-S R-24-E

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|--|---|---|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other Repair plans |
| | <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.)

Suspect a hole in the tubing. Repair plans are as follows:

Change out any tubing that does not pass a hydrostatic test, re-pressure test the backside to 1,000#/monitor, and return well to injection. No changes to the downhole configuration are expected at this time. We show the due date for repairs to be 8/14/01. Please confirm this due date.

RECEIVED
APR 13 2001
DIVISION OF OIL, GAS AND MINING

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

| | |
|--|--|
| Name (Printed/Typed) Kim Lynch | Title Sr. Staff Office Assistant |
| Signature <i>Kim Lynch</i> | Date 04/12/2001 |

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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(Instructions on Reverse)

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 WELL**

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) 431-1197

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
(SE/SE) 735' FSL & 595' FEL
Sec 2 T-41-S R-24-E

5. Lease Serial No.
14-20-0603-6147

6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

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

8. Well Name and No.
McElmo Creek Unit E-16

9. API Well No.
43-037-15616

11. County or Parish, State
SAN JUAN UT

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|--|---|---|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other Repair plans - Extension Request |
| | <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 | |

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ExxonMobil respectfully requests a 60 day extension to repair the above referenced well. This well was shut-in on February 14, 2001 due to pressure. The US EPA was notified on February 15, 2001. Additional time is needed to complete the repairs due to constraints to provide experienced personnel to supervise rig work and crews. We show the new repair due date to be October 14, 2001.

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

RECEIVED

JUL 20 2001

**DIVISION OF
OIL, GAS AND MINING**

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

| | |
|--|--|
| Name (Printed/Typed) Kim Lynch | Title Sr. Staff Office Assistant |
| Signature <i>Kim Lynch</i> | Date 07/27/2001 |

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

| | | |
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8. Well Name and No.
McElmo Creek Unit E-16

9. API Well No.
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| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | Extension Request |
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JUL 28 2001
DIVISION OF
OIL, GAS AND MINING

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| Name (Printed/Typed) Kim Lynch | Title Sr. Staff Office Assistant |
| Signature <i>Kim Lynch</i> | Date 07/27/2001 |

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Attached is a summary of work performed on McElmo Creek Unit #E-16 from 8/20/01 to 8/30/01.

The MIT chart for the test performed on 9/11/01 is also attached.

Kim Lynch
Sr. Staff Office Assistant
ExxonMobil Production Company,
a division of Exxon Mobil Corporation, acting for
Mobil Producing Texas & New Mexico, Inc.

RECEIVED

NOV 07 2001

DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed) **Kim Lynch** Title **Sr. Staff Office Assistant**

Signature *Kim Lynch* Date **11/06/2001**

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(Instructions on Reverse)

McElmo Creek Unit #E-16
San Juan County, Utah
14-20-0603-6147

2001/08/20 (Monday)

TBG = 1600#. CSG = 1040#. MIRU HOT OILER, PUMP 23 BBL 10 PPG BRINE. SITP 700#, SICP 1040#. RUWL RAN 1.906 GUAGE RING "F" NIPPLE 5250'. POOH LD GR. PU RIH W/ 1.81 FEW BLANKING PLUG IN 'F' NIPPLE SET AT 5250'. BLED OFF TBG, BUILT BACK UP TO 500%. BLED DOWN CSG 850#, BLED TBG DOWN, BUILD BACK TO 100#. PLUG SET. RDWL.

2001/08/21 (Tuesday)

MWS MI BOPE, 500 TANK, MIWSU, RU. SISDON.

2001/08/22 (Wednesday)

CSG = 1000#. TBG = 600#. SAFETY MEETING. SETUP BOPE, FRAC TANK, RU HARD LINES, BLED CSG DOWN TO 800#. SISD.

2001/08/23 (Thursday)

CSG = 800#. TBG = 0#. JSC, JSA, BLED CSG DOWN 0#. RU FLOOR, MIRUWL. SAFETY MTG. PU WLBOP, TEST 2300#, HELD GOOD. PU LUBRICATOR, TEST 2000#, HELD GOOD. MUPU GUN, RIH W/ GUN TAG @ 5165'. PU SHOT @ 5159'-5161'. POOH W/ WL. RDWLU. RU HARDLINE, CIRC 115 BBL PRODUCED SW, NO RETURN TILL PUMP 80 BBL. TEST CSG AND PACKER @ 1000# FOR 30 MIN, HELD GOOD. RD HOT OILER, PUMP AND CIRC 103 BBL 14.5 PPG KWF. SISD.

2001/08/24 (Friday)

CSG = 0#. TBG = 0#. JSC, JSA, NDWH, NUBOP. RU FLOOR, J-OFF. POOH W/ 1 JT, PU SSSV, RIH SET SSSV. TEST BOP 2000#, HELD GOOD. POOH LD SSSV. POOH 160 JTS, LD RETRIEVING TOOL. RIH W/ 160 JTS OPEN ENDED. CIRC MUD, BACK OUT 2/ 110 BBL PRODUCED SW. SISD.

2001/08/25 (Saturday)

SD WEEKEND.

2001/08/26 (Sunday)

SD WEEKEND.

2001/08/27 (Monday)

CSG = 0#. TBG = 0#. JSC, JSA, MIRU HYDROTESTER, POOH TEST W/ HYDROTESTER 3500#. FOUND HOLE @ 136TH JT. TEST 157 JTS TOTAL. CO TEST EQUIPMENT TO NITROGEN. PU REDRESS ON/OFF TOOL. RIH TEST 24 JTS, PROBLEM W/ TEST CUPS ON TEST UNIT. SISD.

2001/08/28 (Tuesday)

CSG = 0#. TBG = 0#. JSC, JSA, RIH AND TEST @ 3200-3400#. NITRO, LD 3 JTS, PU 3- 2 7/8" CEMENT LINED TBG. CIRC PACKER FLUID 110 BBL. J-ON TESTED 1000#, HELD GOOD. RD FLOOR, NDBOP, NUWH. CO TBG HANGER.

**McElmo Creek Unit #E-16
San Juan County, Utah
14-20-0603-6147**

2001/08/29 (Wednesday)

RD CLEAN LOCATION. RODE TO NEXT LOCATION.

2001/08/30 (Thursday)

MIRUWL, TEST BOP, LUBRICATOR 2500#, HELD GOOD. RIH W/ SPEAR TO SHEAR PLUG,
SHEAR PLUG, 700# ON TBG, POOH W/ SPEAR, PU RIH W/ RETRIEVING TOOL, PULL
BLANKING PLUG. RDWL. TURN WELL OVER TO PRODUCTION.

ANNULAR PRESSURE TEST
(Mechanical Integrity Test)

COPY

Operator Exxon Mobil Date of Test 9/11/01
 Well Name # E-16 MC Unit EPA Permit No. _____
 Location Sec 2-T41S-R24E Tribal Lease No. 14-20-0603-0147
 State and County San Juan Co, Utah

Continuous Recorder? YES NO Pressure Gauge? YES NO
 Bradenhead Opened? YES NO Fluid Flow? YES NO (see below)

Bradenhead opened after test - mostly gas w/ some liquid to surface.

| TIME | ANNULUS PRESSURE, psi | | TUBING PRESSURE, psi |
|----------|-----------------------|----------|----------------------|
| | 1500 psi gauge | recorder | 3000 psi gauge |
| noon | 1285 | 1290 | 1780 |
| 12:05 PM | 1285 | 1290 | 1780 |
| 12:10 PM | 1285 | 1290 | 1780 |
| 12:15 PM | 1285 | 1285 | 1780 |
| 12:20 PM | 1285 | 1285 | 1780 |
| 12:25 PM | 1285 | 1290 | 1780 |
| 12:30 PM | 1285 | 1290 | 1780 |

MAX. INJECTION PRESSURE: 2700 PSI
 MAX. ALLOWABLE PRESSURE CHANGE: 64.25 PSI (TEST PRESSURE X 0.05)

REMARKS: Passed? Failed? If failed, cease injection until well passes MIT (40CFR§144.21(c)(6)).

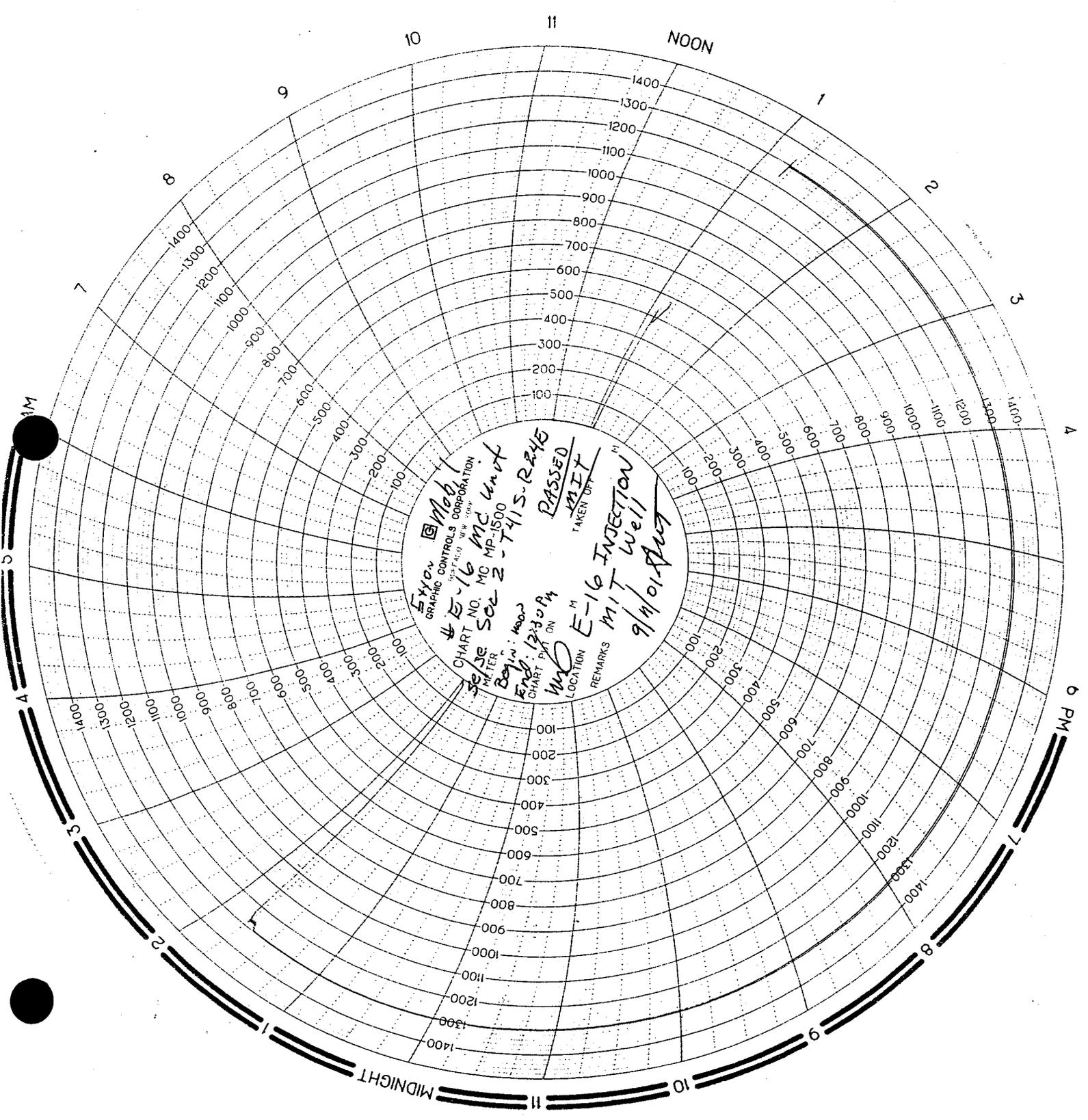
Actively injecting. Passed MIT

AM Johnson ALBERT M. TCHTSUNIG
 COMPANY REPRESENTATIVE: (Print and Sign)

9/11/01
 DATE

Wm. E. Ferguson
 INSPECTOR: (Print and Sign)

9/11/01
 DATE



Exxon GRAPHIC CONTROLS CORPORATION
CHART NO. E-16
MC UNIT MC MP-1500
SEC. 2 THIS RATE PASSED
CHART PUT ON 9/10/87
LOCATION E-16 INJECTION Well
REMARKS MIT Well
PRESSURE 1300
TIME 12:00 PM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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OMB No. 1004-0135
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SEE ATTACHED PROCEDURE.

Accepted by the
Utah Division of
Oil, Gas and Mining

Date: 4/04/02
By: [Signature]

Federal Approval Of This
Action Is Necessary

COPY SENT TO OPERATOR
Date: 4/04/02
Initials: CHD

| | |
|---|--|
| 14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Cathy W. Higginbotham | Title Staff Office Assistant |
| Signature <u>Cathy Higginbotham</u> | Date 04/02/2002 |

RECEIVED

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APR 03 2002
Date

DIVISION OF
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(Instructions on Reverse)

General Procedure for MCU E-16 P&A

1. Bleed off any pressure on the casing annuli to tanks on location.
2. MIRU WLSU.
3. RIH w/a tubing perforating gun to +/- 5230' and shoot holes in the tubing string so kill weight fluid can be circulated into the tbg/csg annulus.
4. RIH and set a plug in the profile located in the On/Off tool.
5. ND Tree. NU BOPE and test.
6. Unset Packer and POOH laying down all 2 7/8" flourolined tbg, on/off tool, and 5 1/2" Baker Inverted Lock-Set Packer.
7. RIH w/a 5 1/2" cement retainer on 2 7/8" tubing and set approximately 50' above the existing perms (+/- 5270). Verify ability to sting out of retainer.
8. Sting back into the retainer and test to 1000 psi.
9. MIRU cmt. Company and squeeze off the perforations with Class G cement. Once a squeeze is obtained, sting out of the retainer and reverse circulate the wellbore clean with 10 ppg kill weight fluid.
10. Spot a balanced plug of cement using Class G cmt on top of the cement retainer that will cover the Hermosa and DeShay formations.
11. POOH w/workstring.
12. MIRU WLSU and RIH w/a 4" perforating gun. Perforate the 5 1/2" casing approximately 50' below the surface casing shoe (1510'). (1263')

13. PU and RIH w/a 5 1/2" cmt retainer on 2 7/8" workstring. Set the retainer @ +/- 1485'.
14. MIRU Cementing Company and establish a circulation rate to surface on the backside of the 5 1/2" casing. Cement slurry is Class B 65/35 % poz + 6% gel. Mix and pump cement to surface on the backside of the 5 1/2" casing.
15. Sting out of the retainer and fill the 5 1/2" casing interval (6' - 1485') with Class G cement.
16. POOH and LD workstring.
17. Dig out around the wellhead. RIH w/5 1/2" mechanical cutter and cut off the 5 1/2" casing 6' below ground level. Cut off the A section and remove the wellhead.
18. Top fill all casing strings w/ neat cmt.
19. Cap off the casing string. Cut deadmen anchors, clean and smooth location.

API Well No: 43-037-15616-00-00 Permit No: UIC-074.5 Well Name/No: MCELMO CREEK E-16
 Company Name: MOBIL EXPLOR & PROD
 Location: Sec: 2 T: 41S R: 24E Spot: SESE
 Coordinates: X: 655792 Y: 4123386
 Field Name: GREATER ANETH
 County Name: SAN JUAN

String Information

| String | Bottom (ft sub) | Diameter (inches) | Weight (lb/ft) | Length (ft) |
|--------|-----------------|-------------------|----------------|-------------|
| SURF | 75 | 13.325 | 48 | 75 |
| II | 1263 | 8.625 | 24 | 1263 |
| PROD | 5527 | 5.5 | 14 | 5527 |
| T1 | 5434 | 2.375 | 6.5 | 5434 |
| PKR | 5333 | | | |

Capacities
 $5\frac{1}{2}" \text{ 14}\# = 7.299 \text{ f/cf}$
Annular
 $5\frac{1}{2}" \times 8\frac{5}{8}" \text{ 24}\# = 5.192 \text{ f/cf}$
 $5\frac{1}{2}" \times 7\frac{7}{8}" \text{ hole} = \frac{(12)(7.335)^2 - 5.5^2}{183.35} = 0.3221 \text{ cf} = 3.105 \text{ f/cf}$

Cement Information

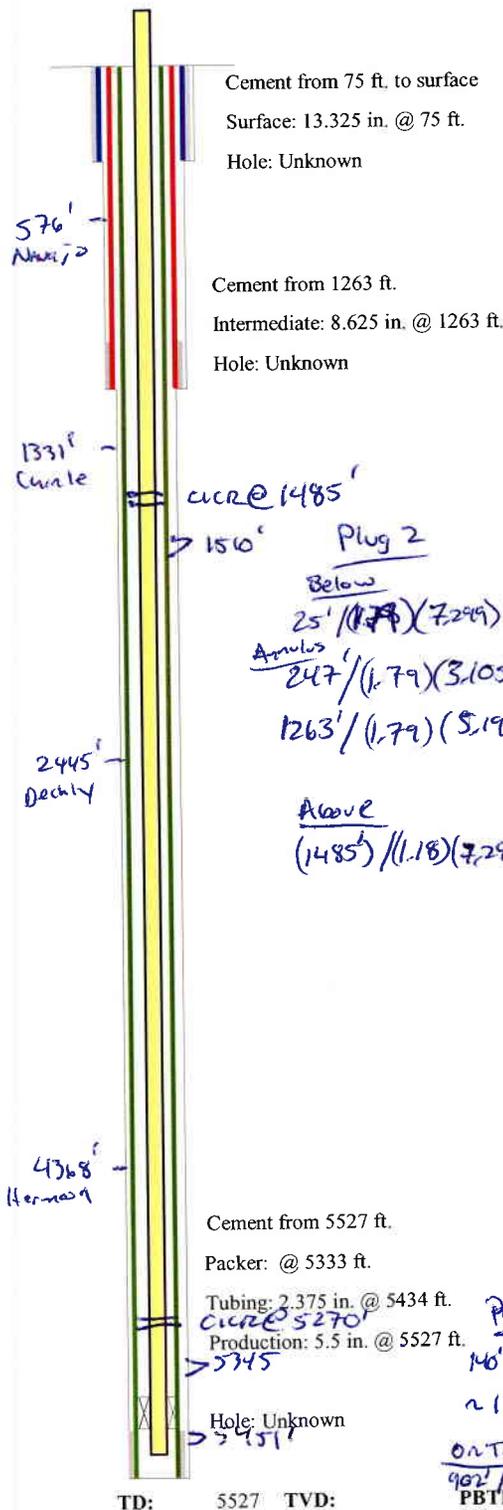
| String | BOC (ft sub) | TOC (ft sub) | Class | Sacks |
|--------|--------------|--------------|-------|-------|
| II | 1263 | | PC | 750 |
| PROD | 5527 | | C | 130 |
| PROD | 5527 | | UK | 70 |
| SURF | 75 | 0 | UK | 85 |

Perforation Information

| Top (ft sub) | Bottom (ft sub) | Shts/Ft | No Shts | Dt Squeeze |
|--------------|-----------------|---------|---------|------------|
| 5345 | 5451 | | | |

Formation Information

| Formation | Depth | Formation | Depth |
|-----------|-------|-----------|-------|
| NAVA | 576 | | |
| KAYT | 921 | | |
| WING | 956 | | |
| CHIN | 1331 | | |
| HOSKI | 2305 | | |
| DECHLY | 2445 | | |
| ORRK | 2588 | | |
| HRMS | 4368 | | |
| BNDBTTE | 5174 | | |
| DSCR | 5338 | | |



Plug 2
 $150' \text{ @ } 1485'$
Below
 $25' / (1.79)(7.299) = 25x$
Annular
 $247' / (1.79)(3.105) = 455x$
 $1263' / (1.79)(5.192) = 1365x$
Above
 $(1485') / (1.18)(7.299) = 1725x$

Plug 1
 $140' / (7.299)(1.18) = 175x \text{ minimum}$
ON TOP
 $982' / (7.299)(1.18) = 1055x \rightarrow \text{HRMS}$
 PBTD: 5410
 $2825' / (7.299)(1.18) = 3305x \rightarrow \text{DECHLY}$

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

June 27, 2001

ExxonMobil
Production

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

Change of Name – Mobil Oil Corporation to
ExxonMobil Oil Corporation

Dear Mr. Thompson

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

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

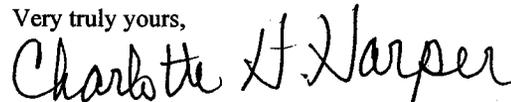
Please note the change of name of MOC to ExxonMobil Oil Corporation in your records pertaining to any MOC permits.

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

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

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

Very truly yours,



Charlotte H. Harper
Permitting Supervisor

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

RECEIVED

JUN 29 2001

DIVISION OF
OIL, GAS AND MINING



United States Department of the Interior

BUREAU OF INDIAN AFFAIRS
XXXXXXXXXXXXXX
Navajo Area Office
NAVAJO REGION

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

AUG 30 2001

IN REPLY REFER TO:

RRES/543

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

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

Dear Ms. Harper:

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

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

Sincerely,

DEMMI DENETSONE

Regional Realty Officer

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

| | |
|--------------------|--------------|
| MINERAL RESOURCES | |
| ADM 1 | <i>DB/MC</i> |
| NATV AM MIN COORD | _____ |
| SOLID MIN TEAM | _____ |
| PETRO MIN TEAM | <i>2</i> |
| O & G INSPECT TEAM | _____ |
| ALL TEAM LEADERS | _____ |
| LAND RESOURCES | _____ |
| ENVIRONMENT | _____ |
| FILES | _____ |

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

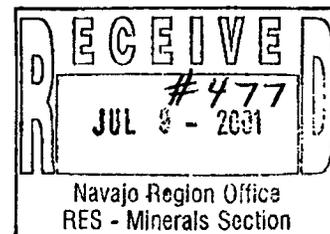
MS 7/12/2001
GN
543
File

June 27, 2001

ExxonMobil
Production

Certified Mail
Return Receipt Requested

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



Change of Name -
Mobil Oil Corporation to
ExxonMobil Oil Corporation

Dear Ms. Denetsone:

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

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

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

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

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

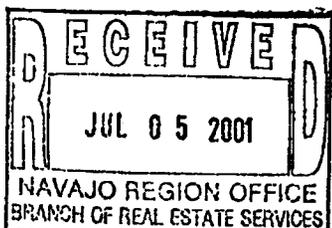
If you have any questions , please contact Alex Correa at (713) 431-1012.

Very truly yours,

Charlotte H. Harper

Charlotte H. Harper
Permitting Supervisor

Attachments



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

NOTE: Check forwarded to Ella Jassi

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

Gentlemen:

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

OFFICERS

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

DIRECTORS

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

Sincerely,



Alex Correa

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





 Signature
AGENT AND ATTORNEY IN FACT

 Title

CERTIFICATION

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

CHANGE OF COMPANY NAME

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

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

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

ExxonMobil Oil Corporation",

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

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

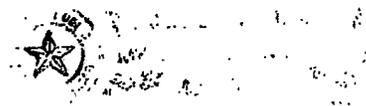
WITNESS, my hand and the seal of the Corporation at Irving, Texas, this 8th day of June, 2001.

S. A. Sullivan
Assistant Secretary

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

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

Janice M. Phillips
Notary Public



LISTING OF LEASES OF MOBIL OIL CORPORATION

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

6/1/01

CHUBB GROUP OF INSURANCE COMPANIES

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

NW Bond

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

BOND NO 8027 31 97

wherein

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

FEDERAL INSURANCE COMPANY AS SURETY,

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

in the amount of **\$150,000.00**
bond date: 11/01/65

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

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

TO : ExxonMobil Oil Corporation

All other terms and conditions of this Bond are unchanged.

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

ExxonMobil Oil Corporation

By:



FEDERAL INSURANCE COMPANY

By:

Mary Pierson
Mary Pierson, Attorney-in-fact



POWER OF ATTORNEY

Federal Insurance Company
Vigilant Insurance Company
Pacific Indemnity Company

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

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

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

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

Kenneth C. Wendel
Kenneth C. Wendel, Assistant Secretary

Frank E. Robertson
Frank E. Robertson, Vice President

STATE OF NEW JERSEY } ss.
County of Somerset

On this 10th day of May, 2001

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



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

Karen A. Price
Notary Public

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

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

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

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

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



Kenneth C. Wendel
Kenneth C. Wendel, Assistant Secretary

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

CSC

5184334741

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

CSC

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

F010601000187

CERTIFICATE OF AMENDMENT
OF
CERTIFICATE OF INCORPORATION
OF
MOBIL OIL CORPORATION

CSC 45

(Under Section 805 of the Business Corporation Law)

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

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

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

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

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

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

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

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

CSC
CSC

5184334741

06/01 '01 08:47 NO.410 04/05
06/01 '01 09:06 NO.133 03/04

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

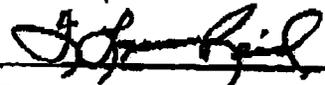
IN WITNESS WHEREOF, this Certificate has been signed this 22nd Day of May, 2001.



F. A. Risch, President 

STATE OF TEXAS)
COUNTY OF DALLAS)

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



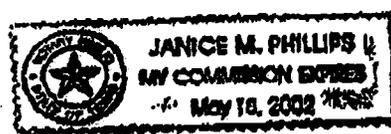
F. L. REID, Secretary

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

[SEAL]



NOTARY PUBLIC, STATE OF TEXAS



CSC
CSC

5184334741

06/01 '01 09:01 NO. 411 02/02
06/01 '01 09:06 NO. 152 04/04
F010601000187

CSC 45

CERTIFICATE OF AMENDMENT

OF

MOBIL OIL CORPORATION

Under Section 805 of the Business Corporation Law

SAC

100 cc
**STATE OF NEW YORK
DEPARTMENT OF STATE**

Filed by: EXXONMOBIL CORPORATION
(Name)

FILED JUN 01 2001

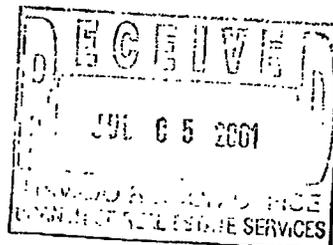
5959 Las Colinas Blvd.
(Mailing address)

TAX \$ _____
BY: *SAC*

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

ny Albany

Case Ref # 165578 MPJ



010601000195

State of New York }
Department of State } ss:

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

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



A handwritten signature in black ink, appearing to read "J. Leuch", with a long horizontal line extending to the right.

Special Deputy Secretary of State

OPERATOR CHANGE WORKSHEET

| |
|---------|
| 1. GLH |
| 2. CDW |
| 3. FILE |

Change of Operator (Well Sold)

Designation of Agent

X Operator Name Change

Merger

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

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

CA No. Unit: MCELMO CREEK

WELL(S)

| NAME | SEC TWN RNG | API NO | ENTITY NO | LEASE TYPE | WELL TYPE | WELL STATUS |
|--------------------------------|----------------|--------------|--------------|---------------|--------------|----------------|
| MCELMO CREEK Q-12A | 32-40S-25E | 43-037-31677 | 5980 | INDIAN | WI | A |
| NAVAJO TRIBE P-20 (R-09) | 33-40S-25E | 43-037-16147 | 5980 | INDIAN | WI | A |
| NAVAJO P-9 (S-12) | 33-40S-25E | 43-037-16150 | 5980 | INDIAN | WI | A |
| NAVAJO TRIBE P-13 (U-12) | 33-40S-25E | 43-037-16155 | 5980 | INDIAN | WI | A |
| MCELMO CR T-09A | 33-40S-25E | 43-037-30080 | 5980 | INDIAN | WI | A |
| NAVAJO TRIBE P-15 (S-10) | 33-40S-25E | 43-037-16375 | 99990 | INDIAN | WI | A |
| NAVAJO TRIBE P-16 (U-10) | 33-40S-25E | 43-037-16381 | 99990 | INDIAN | WI | A |
| MCELMO CR R-11A | 33-40S-25E | 43-037-30179 | 99990 | INDIAN | WI | A |
| MCELMO CREEK G-14 | 01-41S-24E | 43-037-16143 | 5980 | INDIAN | WI | A |
| NAVAJO TRIBE R-5 (MCELMO G-16) | 01-41S-24E | 43-037-16144 | 5980 | INDIAN | WI | A |
| MCELMO CREEK I-14 | 01-41S-24E | 43-037-16145 | 5980 | INDIAN | WI | A |
| NAVAJO 13-2 (MCELMO H-15) | 01-41S-24E | 43-037-15495 | 99990 | INDIAN | WI | A |
| NAVAJO TRIBE R-4 (MCELMO F-13) | 01-41S-24E | 43-037-16345 | 99990 | INDIAN | WI | A |
| NAVAJO TRIBE R-2 (MCELMO H-13) | 01-41S-24E | 43-037-16351 | 99990 | INDIAN | WI | A |
| MCELMO CREEK U F-15A | 01-41S-24E | 43-037-31149 | 99990 | INDIAN | WI | A |
| MCELMO CREEK E-16 | 02-41S-24E | 43-037-15616 | 5980 | INDIAN | WI | A |
| MCELMO CREEK C-14 | 02-41S-24E | 43-037-16265 | 5980 | INDIAN | WI | A |
| MCELMO CREEK E-14 | 02-41S-24E | 43-037-16268 | 5980 | INDIAN | WI | A |
| NAVAJO TRIBE 2B (MCELMO D-13) | 02-41S-24E | 43-037-16267 | 99990 | INDIAN | WI | A |
| NAVAJO C-2 (MCELMO D-15) | 02-41S-24E | 43-037-16341 | 99990 | INDIAN | WI | A |

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

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

7. **Federal and Indian Units:**

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

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

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

9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 04/16/2002

NOTE: EPA ISSUES UIC PERMITS

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 04/16/2002

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 04/16/2002

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

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

STATE WELL(S) BOND VERIFICATION:

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

FEDERAL WELL(S) BOND VERIFICATION:

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

INDIAN WELL(S) BOND VERIFICATION:

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

FEE WELL(S) BOND VERIFICATION:

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

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

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

Permits

JUN 03 2002 **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 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) 431-1828

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
(SE/SE) 735' FSL & 595' FEL
Sec 2 T-41-S R-24-E

5. Lease Serial No.
14-20-0603-6147

6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

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

8. Well Name and No.
McElmo Creek Unit E-16

9. API Well No.
43-037-15616

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

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|---|---|--|--|---|
| <input 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.)

SEE ATTACHMENT FOR PROCEDURE.

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

010 PERMITS SECTION
 2002 JUN 10 PM 12:55
 RECEIVED

APR 24 2006

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 05/09/2002 |

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

| | |
|---|-------------------------------------|
| Approved by | Title ACCEPTED FOR RECORD |
| 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 29 2002 |

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.

**McElmo Creek Unit #E-16
San Juan County, Utah
14-20-603-6147**

2002/04/17 (Wednesday)

REPORT CREATED BY JAMES MADISON.
TBG = 1325#, CSG = 1375#. MIRU. MWS HAUL RIG EQUIPMENT TO LOCATION.
LANSING CONST DIG PIT & LINER. TEFTELLER PULL PLUG. MWS HOT OILER.

2002/04/18 (Thursday)

TBG/CSG = 1350#. RU BULLHEAD WITH 15.5 PPG MUD TBG & CSG. REMOVED
WELLHEAD, INSTALLED BOP AND TESTED. RELEASED PACKER, TRIP OUT OF HOLE
AND LD 83 JTS TBG. SION.

2002/04/19 (Friday)

TBG/CSG = 50#. BLED DOWN WELLHEAD PRESSURE. CONTINUED LD TBG, TOTAL 160
JTS DUOLINE 2 7/8" W/ 5 1/2" BAKER INVERTED LOK-SET PACKER. STARTED RUN
IN WORK STRING W/ CEMENT RETAINER AND SPOTTED AT 5240'. TEST TBG TO 500
PSI AND STING OUT AND BACK INTO RETAINER. ESTABLISH INJECTION
RATE...PUMPED 3 BBLs AT 200 PSI AND STING OUT OF RETAINER. CIRC OUT MUD
W/ 10 PPG BRINE AND SION.

2002/04/22 (Monday)

OPEN WELL AND RU SCHLUMBERGER. CONDUCT PRE-JOB MEETING, TEST LINES AND
BEGIN PUMPING CEMENT. PUMP 150 SACKS CLASS 'G' CEMENT W/ FLUID LOSS
ADDITIVES BELOW RETAINER. STING OUT AND SPOT 175 SACKS CLASS 'G' CEMENT
ON TOP OF RETAINER. POOH ABOVE TOC (~3750') AND REVERSE TBG CLEAN.
FINISH POOH AND RU WIRELINE. RIH AND PERF FROM 1363'-1365' WITH 4 SPF.
POOH AND RD WIRELINE. RIH AND SET CEMENT RETAINER AT 1302' (PER JIM
WALKER W/ USEPA AND RU SCHLUMBERGER. PUMP 220 SACKS OF 65/35 POZ 12.7
PPG CEMENT BELOW RETAINER UNIT UNTIL GOOD CEMENT IN RETURNS FROM SURFACE
CSG. STING OUT OF RETAINER AND PUMP 150 SACKS OF CEMENT TO FILL 5.5" CSG.
POOH W/ TBG. TOP OFF WELL W/ CEMENT AND NDBOPE. SION.

2002/04/23 (Tuesday)

RDMO WSU

2002/04/29 (Monday)

CUT AND CAP WELL. JOB COMPLETE.

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

| |
|----------------|
| ROUTING |
| 1. DJJ |
| 2. CDW |

X Change of Operator (Well Sold)

Operator Name Change/Merger

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

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

DATA ENTRY:

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

BOND VERIFICATION:

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

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

TRANSFER OF AUTHORITY TO INJECT

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

EFFECTIVE DATE OF TRANSFER: 6/1/2006

CURRENT OPERATOR

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

NEW OPERATOR

Company: Resolute Natural Resources Company Name: Dwight E Mallory
 Address: 1675 Broadway, Suite 1950 Signature: [Signature]
city Denver state CO zip 80202 Title: Regulatory Coordinator
 Phone: (303) 534-4600 Date: 4/26/2006
 Comments: A list of affected UIC wells is attached.
 New bond numbers for these wells are:
 BIA Bond # PA002769 and US EPA Bond # B001252

(This space for State use only)

Transfer approved by: [Signature]
 Title: Field Operations Manager

Approval Date: 6/12/06

Comments:

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DIV. OF OIL, GAS & MINING

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

FORM 9

| | | |
|--|--|---|
| SUNDRY NOTICES AND REPORTS ON WELLS | | 5. LEASE DESIGNATION AND SERIAL NUMBER: See attached list |
| Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo Tribe |
| 1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Unit Agreement</u> | | 7. UNIT or CA AGREEMENT NAME: McElmo Creek Unit |
| 2. NAME OF OPERATOR: Resolute Natural Resources Company <i>N2700</i> | | 8. WELL NAME and NUMBER: See attached list |
| 3. ADDRESS OF OPERATOR: 1675 Broadway, Suite 1950 CITY Denver STATE CO ZIP 80202 | | 9. API NUMBER: Attached |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached list | | 10. FIELD AND POOL, OR WILDCAT: Greater Aneth |
| QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: | | COUNTY: San Juan |
| | | STATE: UTAH |

| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | | |
|---|---|---|--|
| TYPE OF SUBMISSION | TYPE OF ACTION | | |
| <input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ | <input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input checked="" type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: _____ |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____ | | | |

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

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

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

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

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

(This space for State use only)

APPROVED 6122106
Earlene Russell
Division of Oil, Gas and Mining (See Instructions on Reverse Side)
Earlene Russell, Engineering Technician

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DIV. OF OIL, GAS & MINING

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

| | | |
|--|--|---|
| 1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Injection</u> | | 5. LEASE DESIGNATION AND SERIAL NUMBER: |
| 2. NAME OF OPERATOR: ExxonMobil Oil Corporation <u>N1855</u> | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <u>Ship Rock</u> |
| 3. ADDRESS OF OPERATOR: P.O. Box 4358 CITY <u>Houston</u> STATE <u>TX</u> ZIP <u>77210-4358</u> | | 7. UNIT or CA AGREEMENT NAME: <u>UTU68930A</u> |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ COUNTY: <u>San Juan</u> QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: <u>UTAH</u> | | 8. WELL NAME and NUMBER: <u>McElmo Creek</u> |
| PHONE NUMBER: <u>(281) 654-1936</u> | | 9. API NUMBER: <u>attached</u> |
| | | 10. FIELD AND POOL, OR WILDCAT: <u>Aneth</u> |

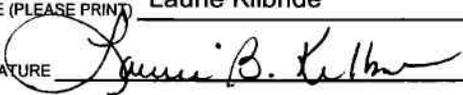
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

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

Attached please find a listing of injection wells included in the transfer.

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

(This space for State use only)

APPROVED 6/22/06
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

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DIV. OF OIL, GAS & MINING

GREATER ANETH FIELD UIC WELL LIST
McElmo Creek lease, San Juan County, Utah

| Reg Lease Name | Well ID | API Num | Status | Reg Lease # | Surface Location | | | | | | |
|----------------|---------|----------------|---------|-----------------|------------------|-------|-----|-----|-----|---------|---------|
| | | | | | Qtr 1 | Qtr 2 | Sec | TN | RNG | NS Foot | EW Foot |
| MCELMO CREEK | H11 | 430371635000S1 | Active | 14-20-0603-6145 | NW | SE | 36 | 40S | 24E | 1855FSL | 2100FEL |
| MCELMO CREEK | I12 | 430371561900S1 | Active | 14-20-0603-6145 | SE | SE | 36 | 40S | 24E | 0595FSL | 0595FEL |
| MCELMO CREEK | F11 | 430371561700S1 | Shut-in | 14-20-0603-6146 | NW | SW | 36 | 40S | 24E | 1885FSL | 0820FWL |
| MCELMO CREEK | G12 | 430371561800S1 | Active | 14-20-0603-6146 | SE | SW | 36 | 40S | 24E | 1910FNL | 2051FWL |
| MCELMO CREEK | D15 | 430371634100S1 | Active | 14-20-0603-6147 | NW | SE | 2 | 41S | 24E | 1830FSL | 1830FEL |
| MCELMO CREEK | A17 | 430371633800S1 | Active | 14-20-0603-6148 | NE | NE | 10 | 41S | 24E | 1270FNL | 0660FEL |
| MCELMO CREEK | C14 | 430371626500S1 | Active | 14-20-0603-6509 | SE | NW | 2 | 41S | 24E | 2140FNL | 2140FWL |
| MCELMO CREEK | D13 | 430371626700S1 | Active | 14-20-0603-6510 | NW | NE | 2 | 41S | 24E | 0820FNL | 1920FEL |
| MCELMO CREEK | E14 | 430371626800S1 | Active | 14-20-0603-6510 | SE | NE | 2 | 41S | 24E | 2050FNL | 0500FEL |
| MCELMO CREEK | T08 | 430371637700S1 | Shut-in | 14-20-603-2048A | SW | SE | 28 | 40S | 25E | 0660FSL | 1980FEL |
| MCELMO CREEK | R09 | 430371614700S1 | Active | 14-20-603-2057 | NW | NW | 33 | 40S | 25E | 0500FNL | 0625FWL |
| MCELMO CREEK | R11A | 430373017900S1 | Active | 14-20-603-2057 | NW | SW | 33 | 40S | 25E | 2030FSL | 0680FWL |
| MCELMO CREEK | R13 | 430371614800S1 | Active | 14-20-603-2057 | NW | NW | 4 | 41S | 25E | 0660FNL | 0660FWL |
| MCELMO CREEK | R15 | 430371614900S1 | Active | 14-20-603-2057 | NW | SW | 4 | 41S | 25E | 1990FSL | 0500FWL |
| MCELMO CREEK | S10 | 430371637500S1 | Active | 14-20-603-2057 | SE | NW | 33 | 40S | 25E | 1980FNL | 1980FWL |
| MCELMO CREEK | S12 | 430371615000S1 | Active | 14-20-603-2057 | SE | SW | 33 | 40S | 25E | 0645FSL | 2140FWL |
| MCELMO CREEK | S14 | 430371615100S1 | Active | 14-20-603-2057 | SE | NW | 4 | 41S | 25E | 2005FNL | 1820FWL |
| MCELMO CREEK | S16 | 430371615200S1 | Active | 14-20-603-2057 | SE | SW | 4 | 41S | 25E | 0700FSL | 1820FWL |
| MCELMO CREEK | T09A | 430373008000S1 | Active | 14-20-603-2057 | NW | NE | 33 | 40S | 25E | 0940FNL | 2035FEL |
| MCELMO CREEK | T13 | 430371637800S1 | Active | 14-20-603-2057 | NW | NE | 4 | 41S | 25E | 0500FNL | 2090FEL |
| MCELMO CREEK | T15 | 430371637900S1 | Active | 14-20-603-2057 | NW | SE | 4 | 41S | 25E | 1880FSL | 1890FEL |
| MCELMO CREEK | U10 | 430371638100S1 | Active | 14-20-603-2057 | SE | NE | 33 | 40S | 25E | 1980FNL | 0610FSL |
| MCELMO CREEK | U12 | 430371615500S1 | Active | 14-20-603-2057 | SE | SE | 33 | 40S | 25E | 0660FSL | 0805FEL |
| MCELMO CREEK | U14 | 430371615600S1 | Active | 14-20-603-2057 | SE | NE | 4 | 41S | 25E | 1980FNL | 0660FEL |
| MCELMO CREEK | U16 | 430371615700S1 | Active | 14-20-603-2057 | SE | SE | 4 | 41S | 25E | 0550FSL | 0745FEL |
| MCELMO CREEK | V13 | 430371638300S1 | Active | 14-20-603-2057 | NW | NW | 3 | 41S | 25E | 0660FNL | 0660FWL |
| MCELMO CREEK | V15 | 430371638400S1 | Active | 14-20-603-2057 | NW | SW | 3 | 41S | 25E | 1980FSL | 0560FWL |
| MCELMO CREEK | J17 | 430371549800S1 | Active | 14-20-603-263 | NW | NW | 7 | 41S | 25E | 0820FNL | 0550FWL |
| MCELMO CREEK | J19 | 430371635600S1 | Active | 14-20-603-263 | NW | SW | 7 | 41S | 25E | 2056FNL | 1997FWL |
| MCELMO CREEK | J21 | 430371549900S1 | Active | 14-20-603-263 | NW | NW | 18 | 41S | 25E | 0400FNL | 0575FWL |
| MCELMO CREEK | K18 | 430371635700S1 | Active | 14-20-603-263 | SE | NW | 7 | 41S | 25E | 1830FNL | 1808FWL |
| MCELMO CREEK | K20 | 430371550300S1 | Active | 14-20-603-263 | SE | SW | 7 | 41S | 25E | 0660FSL | 1810FWL |
| MCELMO CREEK | K22X | 430373040000S1 | Active | 14-20-603-263 | SE | NW | 18 | 41S | 25E | 2082FNL | 1588FWL |
| MCELMO CREEK | K24 | 430371635800S1 | Active | 14-20-603-263 | SE | SW | 18 | 41S | 25E | 0660FSL | 1801FWL |
| MCELMO CREEK | L17 | 430371636000S1 | Active | 14-20-603-263 | NW | NE | 7 | 41S | 25E | 0660FNL | 1980FEL |
| MCELMO CREEK | L19 | 430371550500S1 | Active | 14-20-603-263 | NW | SE | 7 | 41S | 25E | 1860FSL | 2140FEL |
| MCELMO CREEK | L21 | 430371550600S1 | Active | 14-20-603-263 | NW | NE | 18 | 41S | 25E | 0820FNL | 1980FEL |
| MCELMO CREEK | L23 | 430371550700S1 | Active | 14-20-603-263 | NW | SE | 18 | 41S | 25E | 1980FSL | 1980FEL |
| MCELMO CREEK | M18 | 430371551000S1 | Active | 14-20-603-263 | SE | NE | 7 | 41S | 25E | 1850FNL | 0790FEL |
| MCELMO CREEK | M20 | 430371551100S1 | Shut-in | 14-20-603-263 | SE | SE | 7 | 41S | 25E | 0660FSL | 0660FEL |
| MCELMO CREEK | N17 | 430371551400S1 | Active | 14-20-603-263 | NW | NW | 8 | 41S | 25E | 0810FNL | 0660FWL |
| MCELMO CREEK | N19 | 430371551500S1 | Active | 14-20-603-263 | NW | SW | 8 | 41S | 25E | 1850FSL | 0500FWL |
| MCELMO CREEK | N21 | 430371551600S1 | Active | 14-20-603-263 | NW | NW | 17 | 41S | 25E | 0660FNL | 0660FWL |
| MCELMO CREEK | O18 | 430371551700S1 | Active | 14-20-603-263 | SE | NW | 8 | 41S | 25E | 1830FNL | 1890FWL |
| MCELMO CREEK | P17 | 430371551900S1 | Active | 14-20-603-263 | NW | NE | 8 | 41S | 25E | 0660FNL | 1980FEL |

GREATER ANETH FIELD UIC WELL LIST
McElmo Creek lease, San Juan County, Utah

| Reg Lease Name | Well ID | API Num | Status | Reg Lease # | Surface Location | | | | | | | |
|----------------|---------|----------------|---------|----------------|------------------|-------|-----|-----|-----|---------|---------|--|
| | | | | | Qtr 1 | Qtr 2 | Sec | TN | RNG | NS Foot | EW Foot | |
| MCELMO CREEK | P19 | 430371552000S1 | Active | 14-20-603-263 | NW | SE | 8 | 41S | 25E | 2140FSL | 1980FEL | |
| MCELMO CREEK | P21 | 430371636900S1 | Active | 14-20-603-263 | NW | NE | 17 | 41S | 25E | 0660FNL | 1980FEL | |
| MCELMO CREEK | P23A | 430373143900S1 | Active | 14-20-603-263 | SW | NE | 17 | 41S | 25E | 2531FNL | 2325FEL | |
| MCELMO CREEK | L25 | 430371550800S1 | Active | 14-20-603-264 | NW | NE | 19 | 41S | 25E | 0660FNL | 1980FEL | |
| MCELMO CREEK | R17 | 430371597600S1 | Active | 14-20-603-359 | NW | NW | 9 | 41S | 25E | 0740FNL | 0560FWL | |
| MCELMO CREEK | R19 | 430371637300S1 | Active | 14-20-603-359 | NW | SW | 9 | 41S | 25E | 1980FSL | 0660FWL | |
| MCELMO CREEK | R21 | 430371637400S1 | Active | 14-20-603-359 | NW | NW | 16 | 41S | 25E | 0511FNL | 0562FWL | |
| MCELMO CREEK | T17 | 430371638000S1 | Active | 14-20-603-359 | NW | NE | 9 | 41S | 25E | 0675FNL | 1933FEL | |
| MCELMO CREEK | E21 | 430371634300S1 | Active | 14-20-603-370 | NE | NE | 14 | 41S | 24E | 0660FNL | 0660FEL | |
| MCELMO CREEK | E23 | 430371634400S1 | Active | 14-20-603-370 | NE | SE | 14 | 41S | 24E | 2031FSL | 0711FEL | |
| MCELMO CREEK | G21A | 430373097400S1 | Active | 14-20-603-370 | NE | NW | 13 | 41S | 24E | 0867FNL | 1883FWL | |
| MCELMO CREEK | G23 | 430371634800S1 | Shut-in | 14-20-603-370 | NE | SW | 13 | 41S | 24E | 2092FSL | 1899FWL | |
| MCELMO CREEK | G25 | 430371634900S1 | Active | 14-20-603-370 | NE | NW | 24 | 41S | 24E | 0660FNL | 1980FWL | |
| MCELMO CREEK | I23 | 430371635200S1 | Active | 14-20-603-370 | NE | SE | 13 | 41S | 24E | 1980FSL | 0660FEL | |
| MCELMO CREEK | I25 | 430371635300S1 | Active | 14-20-603-370 | NE | NE | 24 | 41S | 24E | 0530FNL | 0820FEL | |
| MCELMO CREEK | J11 | 430371635400S1 | TA'd | 14-20-603-372 | NW | SW | 31 | 40S | 25E | 1980FSL | 0660FWL | |
| MCELMO CREEK | J13 | 430371635500S1 | Active | 14-20-603-372 | NW | NW | 6 | 41S | 25E | 0621FNL | 0580FWL | |
| MCELMO CREEK | J15 | 430371595400S1 | Active | 14-20-603-372 | NW | SW | 6 | 41S | 25E | 1980FSL | 0500FWL | |
| MCELMO CREEK | K12 | 430371595500S1 | Active | 14-20-603-372 | SW | SW | 31 | 40S | 25E | 0670FSL | 1970FWL | |
| MCELMO CREEK | K14 | 430371595600S1 | Active | 14-20-603-372 | SE | NW | 6 | 41S | 25E | 1851FNL | 1885FWL | |
| MCELMO CREEK | K16 | 430371595700S1 | Active | 14-20-603-372 | SE | SW | 6 | 41S | 25E | 0660FSL | 1816FWL | |
| MCELMO CREEK | L09 | 430371635900S1 | Active | 14-20-603-372 | NW | NE | 31 | 40S | 25E | 0660FNL | 1980FEL | |
| MCELMO CREEK | L13 | 430371595900S1 | Active | 14-20-603-372 | NW | NE | 6 | 41S | 25E | 0778FNL | 1917FEL | |
| MCELMO CREEK | L15 | 430371596000S1 | Active | 14-20-603-372 | NW | SE | 6 | 41S | 25E | 1820FSL | 1830FEL | |
| MCELMO CREEK | M10 | 430371596100S1 | Shut-in | 14-20-603-372 | SE | NE | 31 | 40S | 25E | 1980FNL | 0530FEL | |
| MCELMO CREEK | M12 | 430371596200S1 | Active | 14-20-603-372 | SE | SE | 31 | 40S | 25E | 0590FSL | 0585FEL | |
| MCELMO CREEK | M14 | 430371596300S1 | Active | 14-20-603-372 | SE | NE | 6 | 41S | 25E | 2089FNL | 0773FEL | |
| MCELMO CREEK | M16 | 430371636100S1 | Active | 14-20-603-372 | SE | SE | 6 | 41S | 25E | 0660FSL | 0660FEL | |
| MCELMO CREEK | N09 | 430371596400S1 | Shut-in | 14-20-603-372 | NW | NW | 32 | 40S | 25E | 0628FNL | 0615FWL | |
| MCELMO CREEK | N11 | 430371596500S1 | Active | 14-20-603-372 | NW | SW | 32 | 40S | 25E | 2069FSL | 0618FWL | |
| MCELMO CREEK | N13 | 430371596600S1 | Active | 14-20-603-372 | NW | NW | 5 | 41S | 25E | 0840FNL | 0505FWL | |
| MCELMO CREEK | N15 | 430371636300S1 | Active | 14-20-603-372 | NW | SW | 5 | 41S | 25E | 2140FSL | 820FWL | |
| MCELMO CREEK | O12 | 430371596800S1 | Active | 14-20-603-372 | SE | SW | 32 | 40S | 25E | 0809FSL | 1832FWL | |
| MCELMO CREEK | O14 | 430371636500S1 | Active | 14-20-603-372 | SE | NW | 5 | 41S | 25E | 2056FNL | 1997FWL | |
| MCELMO CREEK | O16 | 430371596900S1 | Active | 14-20-603-372 | SE | SW | 5 | 41S | 25E | 0660FSL | 1980FWL | |
| MCELMO CREEK | P09 | 430371636700S1 | Active | 14-20-603-372 | NW | NE | 32 | 40S | 25E | 0598FNL | 2100FEL | |
| MCELMO CREEK | P11 | 430371597101S2 | Active | 14-20-603-372 | NW | SE | 32 | 40S | 25E | 2105FSL | 2006FEL | |
| MCELMO CREEK | P13 | 430371636800S1 | Active | 14-20-603-372 | NW | NE | 5 | 41S | 25E | 0610FNL | 1796FWL | |
| MCELMO CREEK | P15 | 430371597200S1 | Active | 14-20-603-372 | NW | SE | 5 | 41S | 25E | 1980FSL | 1980FEL | |
| MCELMO CREEK | Q10 | 430371597301S1 | Active | 14-20-603-372 | SE | NE | 32 | 40S | 25E | 1899FNL | 0532FEL | |
| MCELMO CREEK | Q16 | 430371597500S1 | TA'd | 14-20-603-372 | SE | SE | 5 | 41S | 25E | 0660FSL | 0660FEL | |
| MCELMO CREEK | F13 | 430371634500S1 | Active | 14-20-603-4032 | NW | NW | 1 | 41S | 24E | 0795FNL | 0535FWL | |
| MCELMO CREEK | F15A | 430373114900S1 | Active | 14-20-603-4032 | NW | SW | 1 | 41S | 24E | 1920FSL | 0624FWL | |
| MCELMO CREEK | G14 | 430371614300S1 | Active | 14-20-603-4032 | SE | NW | 1 | 41S | 24E | 1980FNL | 1980FWL | |
| MCELMO CREEK | G16 | 430371614400S1 | Active | 14-20-603-4032 | SE | SW | 1 | 41S | 24E | 0820FSL | 1820FWL | |
| MCELMO CREEK | H13 | 430371635100S1 | Active | 14-20-603-4032 | NW | NE | 1 | 41S | 24E | 0540FNL | 2110FEL | |
| MCELMO CREEK | I-14 | 430371614500S1 | Active | 14-20-603-4032 | SE | NE | 1 | 41S | 24E | 1980FNL | 0660FEL | |

GREATER ANETH FIELD UIC WELL LIST
McElmo Creek lease, San Juan County, Utah

| Reg Lease Name | Well ID | API Num | Status | Reg Lease # | Surface Location | | | | | | |
|----------------|---------|----------------|---------|----------------|------------------|-------|-----|-----|-----|---------|---------|
| | | | | | Qtr 1 | Qtr 2 | Sec | TN | RNG | NS Foot | EW Foot |
| MCELMO CREEK | F17 | 430371549300S1 | Active | 14-20-603-4039 | NW | NW | 12 | 41S | 24E | 0740FNL | 0500FWL |
| MCELMO CREEK | G18 | 430371549400S1 | Active | 14-20-603-4039 | SE | NW | 12 | 41S | 24E | 1980FNL | 1980FWL |
| MCELMO CREEK | H15 | 430371549500S1 | Active | 14-20-603-4039 | NW | SE | 1 | 41S | 24E | 1980FSL | 1980FEL |
| MCELMO CREEK | H17 | 430371549600S1 | Active | 14-20-603-4039 | NE | NW | 12 | 41S | 24E | 0660FNL | 1980FEL |
| MCELMO CREEK | I18 | 430371570900S1 | Active | 14-20-603-4495 | SE | NE | 12 | 41S | 24E | 1840FNL | 0555FEL |
| MCELMO CREEK | E19 | 430371634200S1 | Shut-in | 14-20-603-5449 | NE | SE | 11 | 41S | 24E | 1980FSL | 0660FEL |
| MCELMO CREEK | G19 | 430371634600S1 | Active | 14-20-603-5450 | NE | SW | 12 | 41S | 24E | 1350FSL | 1800FWL |
| MCELMO CREEK | I20 | 430371571000S1 | Active | 14-20-603-5451 | SE | SE | 12 | 41S | 24E | 0990FSL | 0500FEL |
| MCELMO CREEK | N07 | 430371636200S1 | Active | I-149-IND-8839 | NE | SW | 29 | 40S | 25E | 2083FSL | 745FWL |
| MCELMO CREEK | P07 | 430371636600S1 | Active | I-149-IND-8839 | NW | SE | 29 | 40S | 25E | 1820FSL | 2140FEL |
| MCELMO CREEK | O10 | 430371596700S1 | Active | NOG99041325 | SE | NW | 32 | 40S | 25E | 2086FNL | 1944FWL |