

## FILE NOTATIONS

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

## COMPLETION DATA:

Date Well Completed 3-27-61OW  WW  TA GW  OS  PA 

Location Inspected \_\_\_\_\_

Bond released \_\_\_\_\_

State of Fee Land \_\_\_\_\_

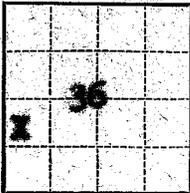
## LOGS FILED

Driller's Log 4-6-61Electric Logs (No. ) 2E  I  E-I  GR  GR-N  Micro 

Lat. \_\_\_\_\_ Mi-L \_\_\_\_\_ Sonic \_\_\_\_\_ Others \_\_\_\_\_

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee \_\_\_\_\_

Lease No. 14-20-0603-6146

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 17, 19 61

Well No. B-2 is located 1885 ft. from XXXXX [S] line and 820 ft. from XXXXX [W] line of sec. 36

NW/4 SW/4 Sec. 36 T-40-S R-24-E S.L.B.M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

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

The elevation of the ground level ~~surface~~ above sea level is 4740.8 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 5625 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 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

B-2

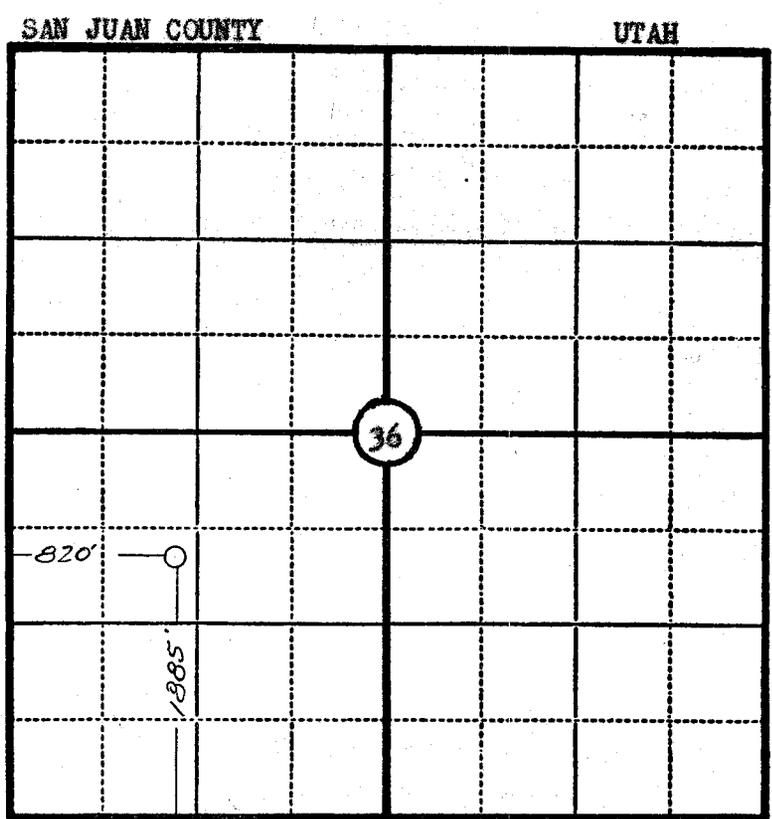
Company W. A. MONCRIEF

Lease Navajo (#14-20-0603-6146) Well No. B-2

Sec. 36, T. 40 SOUTH, R. 24 EAST, S.L.M.

Location 1885' FROM THE SOUTH LINE AND 820' FROM THE WEST LINE

Elevation 4740.8 UNGRADED GROUND



Scale—4 inches equal 1 mile.

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

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

Surveyed December 21, 1960

January 19, 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 B-2, which is to be located 1885 feet from the south line and 820 feet from the west line of Section 36, Township 40 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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee \_\_\_\_\_

Lease No. 14-20-0603-6146

X	36		

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)

March 3, 19 61

Well No. B-2 is located 1885 ft. from XXXXX [S] line and 820 ft. from XXXXX [W] line of sec. 36

NW/4 SW/4 Sec. 36 T-40-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 ~~drill floor~~ <sup>ground</sup> above sea level is 4740 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)

Spud date February 24, 1961.  
Landed 13 3/8" 48# J-55 conductor casing at 67' and cemented w/100 sax / 2% Ca.Cl. Ran 52 joints 8 5/8" 24# J-55 casing. Landed at 1,573' and cemented w/ 750 sax. Cement Circulated. Water shut off.

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 Nava Jo

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee \_\_\_\_\_

Lease No. 14-20-0603-6146

X	36		

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)

March 29, 19 61

Well No. B-2 is located 1885 ft. from S line and 820 ft. from W line of sec. 36

NW/4 SW/4 Sec. 36 T-40-S R-24-E SLBM  
(¼ 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 4740 ft. - 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)

3-23-61: Ran 184 jts. 5 1/2" J-55 casing (13 jts. - 400' - 15.5# and 171 jts. - 5256' - 14#). Landed at 5,756' KDB. Cemented w/130 sax regular / 2% Ca. Cl. / 4% Gel and 70 sax latex. Cement circulated.

3/24: Acidized w/7000 gals. retarded acid and 500 gals. temporary plug. Kicked off and flowed to clean up. Completion test to follow.

3/25: Landed 2 1/2" 6.5# EUE tubing at 5,627' KDB. Baker model "R" packer set at 5,562'.

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

OIL PRODUCER

**W. A. MONCRIEF**

PETROLEUM BUILDING  
NINTH AT COMMERCE  
FORT WORTH, TEXAS

TELEPHONE EDISON 6-7232

March 30, 1961

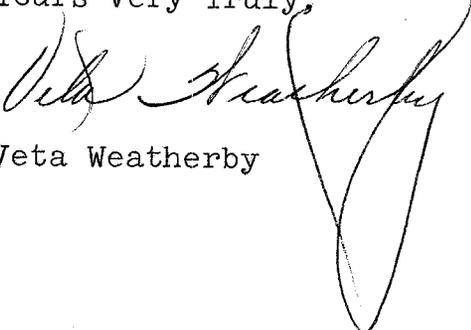
Oil and Gas Conservation Commission  
310 Newhouse Bldg.,  
10 Exchange Place  
Salt Lake City 11, Utah

In re: Navajo "B" No. 2,  
San Juan County, Utah

Gentlemen:

Enclosed are copies of the logs on  
the subject well. We respectfully request that these  
logs be placed in your confidential file. Thank you.

Yours Very Truly,

  
Veta Weatherby

VW

Enc.



MARK	13	3/8	67	100 / 2% Ca. Cl.	Circulated
	8	5/8	1573	750 regular	Circulated
	5	1/2	5756	130 reg / 2% ca. cl. / 4% gel and 70 latex	Circulated

**PLUGS AND ADAPTERS**

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

**SHOOTING RECORD**

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

**TOOLS USED**

Rotary tools were used from \_\_\_\_\_ 0 \_\_\_\_\_ feet to \_\_\_\_\_ 5,756 \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**DATES**

March, 27  
 \_\_\_\_\_, 19 \_\_\_\_\_ Put to producing ~~February~~, 19 61

The production for the first 24 hours was \_\_\_\_\_ 417 \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_ 100% \_\_\_\_\_ was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, ~~Be.~~ 40 API

If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
 Rock pressure, lbs. per sq. in. \_\_\_\_\_

**EMPLOYEES**

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
 \_\_\_\_\_, Driller \_\_\_\_\_, Driller

**FORMATION RECORD**

FROM—	TO—	TOTAL FEET	FORMATION
818	1,158	340	Navajo
1,158	1,193	35	Kayenti
1,193	1,588	395	Wingate
1,588	2,555	967	Chinle
2,555	2,707	152	Hoskinnin
2,707	2,830	123	De Chelly
2,830	4,629	1,799	Organ Rock
4,629	5,430	801	Hermosa
5,430	5,584	154	Ismay
5,584	5,755 TD	172	Desert Creek

**W. A. MONCRIEF**

OIL PRODUCER

PETROLEUM BUILDING  
NINTH AT COMMERCE  
FORT WORTH, TEXAS

TELEPHONE EDISON 6-7232

April 4, 1961

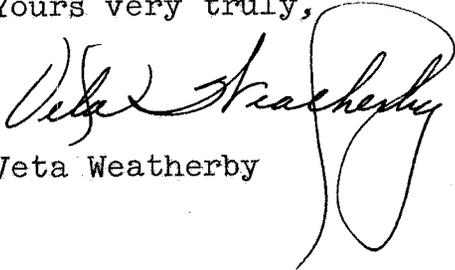
Mr. Cleon B. Feight  
Executive Secretary  
Oil and Gas Conservation Commission  
310 Newhouse Bldg.,  
10 Exchange Place  
Salt Lake City 11, Utah

In re: Navajo B-2, C-2 & D-2,  
San Juan County, Utah

Dear Sir:

Enclosed, in duplicate, are  
completion reports, Form 9-330, on the subject  
wells. We respectfully request that this infor-  
mation be placed in your confidential file. Thank  
you.

Yours very truly,

  
Veta Weatherby

VW

Enc.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN 5 REVERSE  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-6146

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

McElmo Creek

8. FARM OR LEASE NAME

9. WELL NO.

F-11

10. FIELD AND POOL, OR WILDCAT

McElmo Creek

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

36, T40S, R24E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
THE SUPERIOR OIL COMPANY

*J. A. Mansfield*

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

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

NW SW SEC. 36, T40S, R24E

14. PERMIT NO.

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

4738' KB

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) Squeeze & Recomplete

(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.)\*

Propose to squeeze off all perfs with 300 sacks cement.

Will perforate the following intervals: 5588-5609', 5613-16, 5637-44, 5658-61.

Will treat above perfs with 10,500 gallons 28% acid.

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

SIGNED D. D. Kingman  
D. D. Kingman

TITLE Production Engineer

DATE 12/13/66

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

DDK/njh

\*See Instructions on Reverse Side

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.

14-20-603-6146

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

McElmo Creek

8. FARM OR LEASE NAME

9. WELL NO.

#E-11

10. FIELD AND POOL, OR WILDCAT

McElmo Creek

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

36, T40S, R24E

12. COUNTY OR PARISH 13. STATE

San Juan Utah

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
THE SUPERIOR OIL COMPANY

*W.A. Mouncey*

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

NW SW SEC. 36, T40S, R24E

14. PERMIT NO.

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

4738' KB

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) Squeeze & Recomplete

(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.)\*

Squeezed all perfs with 295 sacks. Drilled out to 5678'. Perforated 5588-5609, 5613-16, 5637-44, 5658-61 with 2 jets per foot. Treated perfs 5588-5661' with 10,500 gal 28% acid. Ran 2-7/8" tubing to 5665' and put on pump 12/30/66

1-5-67 Pumped 35 bbl oil in 24 hrs. ✓

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

SIGNED

*D. D. Kingman*  
D. D. Kingman

TITLE Production Engineer

DATE 3/17/67

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

\*See Instructions on Reverse Side

DDK/njh

Copy to: State of Utah (2), USGS (4), Franques, Broussard, Lawson, Pohlman, WIO, File

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-6146

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

McElmo Creek

8. FARM OR LEASE NAME

McElmo Creek Unit

9. WELL NO.

#F-11

10. FIELD AND POOL, OR WILDCAT

McElmo Creek

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

Sec. 36, T40S, R24E

12. COUNTY OR PARISH 13. STATE

San Juan

Utah

1.  OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR

The Superior Oil Company

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

NW SW, Section 36, T40S, R24E

14. PERMIT NO.

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

4738' KB

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)

(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.)\*

Propose to perforate Ismay porosity 5456-66' and treat with 2,000 gallons 28% acid.  
Ismay and Desert Creek will be produced commingled.

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

SIGNED

*C. C. Garrett*  
C. C. Garrett

TITLE

Engineer

DATE

June 2, 1971

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

DDK/nh

\*See Instructions on Reverse Side

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-6146

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

McElmo Creek

8. FARM OR LEASE NAME

9. WELL NO.

MCU #F-11

10. FIELD AND POOL, OR WILDCAT

McElmo Creek Field

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

NW SW Sec. <sup>36</sup>/<sub>36</sub>, T40S, R24E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
The Superior Oil Company *Moncup*

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

1885' FSL & 820' FWL, Sec. 36, T40S, R24E, SLM

14. PERMIT NO.

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

4738' KB

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
(Other)

PULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF   
FRACTURE TREATMENT   
SHOOTING OR ACIDIZING   
(Other)

REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*

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

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

7/6/71 Perforated Upper Ismay interval 5456-66' with 2 jets per ft.

7/7/71 Treated perms 5456-66' with 2,000 gal 28% acid.

Production prior to workover 7 BO, 26 BWPD (Desert Creek only).

Commingled production 7/9/71 78 BO, 33 BWPD, 30% cut.  
7/12/71 42 BO, 37 BWPD, 37% cut.

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

SIGNED

*D. D. Kingman*  
D. D. Kingman

TITLE

District Engineer

DATE

Aug. 20, 1971

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

OGC/njh

\*See Instructions on Reverse Side

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

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

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

IN THE MATTER OF THE APPLICATION OF  
 SUPERIOR OIL COMPANY

CAUSE NO. UIC-027

ADDRESS P.O. Drawer 'G'  
Cortez, Colorado ZIP 81321  
 INDIVIDUAL  PARTNERSHIP  CORPORATION   
 FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR  
 INJECT FLUID INTO THE MCU #F-11 WELL  
 SEC. 36 TWP. T40S RANGE R24E  
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 <u>McELMO CREEK</u>	Well No. <u>#F-11</u>	Field <u>McELMO CREEK</u>	County <u>SAN JUAN</u>
Location of Enhanced Recovery 1885' FSL, 820' FWL <u>36</u> Sec. Twp. <u>T40S</u> Rge. <u>R24E</u> Injection or Disposal Well			
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 <u>3/22/61</u>	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>1588</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 &amp; GAS</u>
Location of Injection Source(s) <u>Production wells within McElmo Creek Unit</u>	Geologic Name(s) and Depth of Source(s) <u>Ismay (5300') Desert Creek (5400')</u>		
Geologic Name of Injection Zone <u>Ismay, Desert Creek</u>		Depth of Injection Interval <u>5456</u> to <u>5651'</u>	
a. Top of the Perforated Interval: <u>5456'</u>	b. Base of Fresh Water: <u>1588'</u>	c. Intervening Thickness (a minus b) <u>3868'</u>	
Is the Intervening thickness sufficient to show fresh water will be protected without additional data? YES <input checked="" type="checkbox"/>			
Lithology of Intervening Zones <u>See item 4 (ii) on attachment #1</u>			
Injection Rates and Pressures Maximum <u>2000</u> B/D <u>2800</u> PSI			
The Names and Addresses of Those to Whom Notice of Application Should be Sent.			

State of Colorado

County of Montezuma

T. Greg Merrion  
 Applicant

Before me, the undersigned authority, on this day personally appeared T. Greg Merrion  
 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.

Subscribed and sworn to before me this 15th day of August, 19 83

SEAL

My commission expires 5/2/86

William D. Dezman  
 Notary Public in and for

State of Colorado  
 County of Montezuma

(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	*SEE WELL SKETCH ATTACHED				
Intermediate					
Production					
Tubing			Name - Type - Depth of Tubing Packer		
Total Depth	Geologic Name - Inj. Zone	Depth - Top of Inj. Interval	Depth - Base of Inj. Interval		

(To be filed within 30 days after drilling is completed)

DEPARTMENT OF NATURAL RESOURCES AND ENERGY

COUNTY  
LEASE NO.

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

COUNTY San Juan SEC. 36 TWP. T40S RGE. R24E

COMPANY OPERATING Superior Oil Company

OFFICE ADDRESS P.O. Drawer 'G'

TOWN Cortez, CO STATE CO ZIP 81321

FARM NAME McElmo Creek WELL NO. #F-11

DRILLING STARTED 2/24 19 61 DRILLING FINISHED 3/21 19 61

DATE OF FIRST PRODUCTION 3/27/61 COMPLETED 3/27/61

WELL LOCATED SW 1/4 NW 1/4 SW 1/4  
560' FT. FROM SL OF 1/4 SEC. & 160 FT. FROM WL OF 1/4 SEC.

ELEVATION DERRICK FLOOR 4737' GROUND 4727'

API NO. \_\_\_\_\_

640 Acres  
N


W \_\_\_\_\_ E \_\_\_\_\_

8  
Locate Well Correctly  
and Outline Lease

TYPE COMPLETION

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

Multiple Zone \_\_\_\_\_

Comingled  \_\_\_\_\_

LOCATION EXCEPTION

OIL OR GAS ZONES

Name	From	To	Name	From	To
Ismay	5456'	5466'			
D.C. Zone I	5588'	5661'			

CASING & CEMENT

Casing Set				Csg. Test	Cement		
Size	Wgt.	Grade	Feet	Psi	Sax	Fillup	Top
13-3/8"	48	J-55	67'		100		Surface
8-5/8"	24	J-55	1573'		750		Surface
5-1/2"	14	J-55	5736'		200		4720' (est)
5-1/2"	15.6	J-55					

TOTAL DEPTH 5756'

PACKERS SET

DEPTH \_\_\_\_\_

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

COMPLETION & TEST DATA BY PRODUCING FORMATION

1

2

3

FORMATION	1	2	3
FORMATION	Ismay	D.C. Zone I	
SPACING & SPACING ORDER NO.			
CLASSIFICATION (DISPOSAL WELL, ENHANCED RECOVERY, LP GAS STORAGE)	OIL	OIL	
PERFORATED	5456' -66'	5588' -5609'	
INTERVALS		5613' -19'	
		5637' -44'	
		5658' -61'	
ACIDIZED?	N/A	N/A	
FRACTURE TREATED?			

INITIAL TEST DATA

For both Zones

Date	3/27/61		
Oil, bbl./day	417		
Oil Gravity	40		
Gas, Cu. Ft./day	208,500	CF	CF
Gas-Oil Ratio Cu. Ft./Bbl.	500 (est)		
Water-Bbl./day	0		
Pumping or Flowing	Flowing		
CHOKE SIZE	N/A		
FLOW TUBING PRESSURE	N/A		

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

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

(303) 565-3733  
Telephone

T. Hugh Morrison PRODUCTION ENGINEER

Name and title of representative of company

Subscribed and sworn before me this 15th day of August, 19 83

State of Colorado  
County of Montezuma  
My Commission expires 5/2/86.

Scott D. Hegman

ATTACHMENT I

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

- (a) Attached is Form DOGM-UIC-1.
- (b) (1) See attached Land Plat.  
 (2) Attached is Form DOGM-UIC-2.  
 (3) See attached wellbore sketch.  
 (4)
- i. The intervening thickness is almost 4000' between the proposed injection interval and the deepest fresh water sand. Furthermore, all fresh water sands are behind 8-5/8" surface casing. The 8-5/8" - 5-1/2" annulus pressure will be monitored to insure no behind pipe communication occurs.
  - ii. Maximum Estimated Surface Pressure: 2800 psig.  
 Maximum Estimated Rate: 2000 BWPD.

<u>FORMATION</u>	<u>DEPTH</u>	<u>LITHOLOGY</u>
Chinle	1588'	Shale
8-5/8" Surface Casing	1573'	
Hoskinnini	2555'	
DeChelly	2707'	Sandstone
Organ Rock	2830'	Shale
Hermosa	4629'	Limestone
Upper Ismay	5340'	Limestone
Lower Ismay	5428'	Limestone
Gothic	5574'	Shale
Desert Creek	5584'	Limestone
Chimney Rock		Shale

- (5)
- (i) A throttling valve will be installed on the wellhead to control injection rates and pressures.
  - (ii) The source of injection water will be Superior's production wells within the McElmo Creek Unit. The wells produce from the Ismay and Desert Creek formations with approximate depths of 5300' and 5400' respectively.
  - (iii) The analysis of injection water is as follows: (as parts per million).
 

PH: 6.5	Ca: 13770	SO4: 25
CL: 16700 ppm	Mg: 11421	H2S: 30
Fe: 3	HC03: 109.8	Ba: -
CaC03: 18470	C03: -	Specific Gravity: 1.0553

(5) Cont.

(iv) The proposed injection zones are the Ismay and Desert Creek formations. Both zones are carbonate formations consisting of limestone, anhydrite and dolomite. The formations extend throughout the Paradox Basin and are underlain by the Chimney Rock Shale and are overlain by the Hermosa Limestone.

(v) All fresh water zones are behind surface casing.

(vi) The analysis of formation water (Desert Creek) is as follows: (as parts per million).

PH: 6.8	Ca: 9400	SO <sub>4</sub> : 20.28
CL: 56000 ppm	Mg: 1579.5	H <sub>2</sub> S: 20
Fe: 4.4	HCO <sub>3</sub> : 97.6	Ba: -
CaCO <sub>3</sub> : 15900	CO <sub>3</sub> : -	Specific Gravity: 1.0457

(6) If the proposed injection well must be shut-in, the fresh water wells can also be shut in.

(7) N/A.

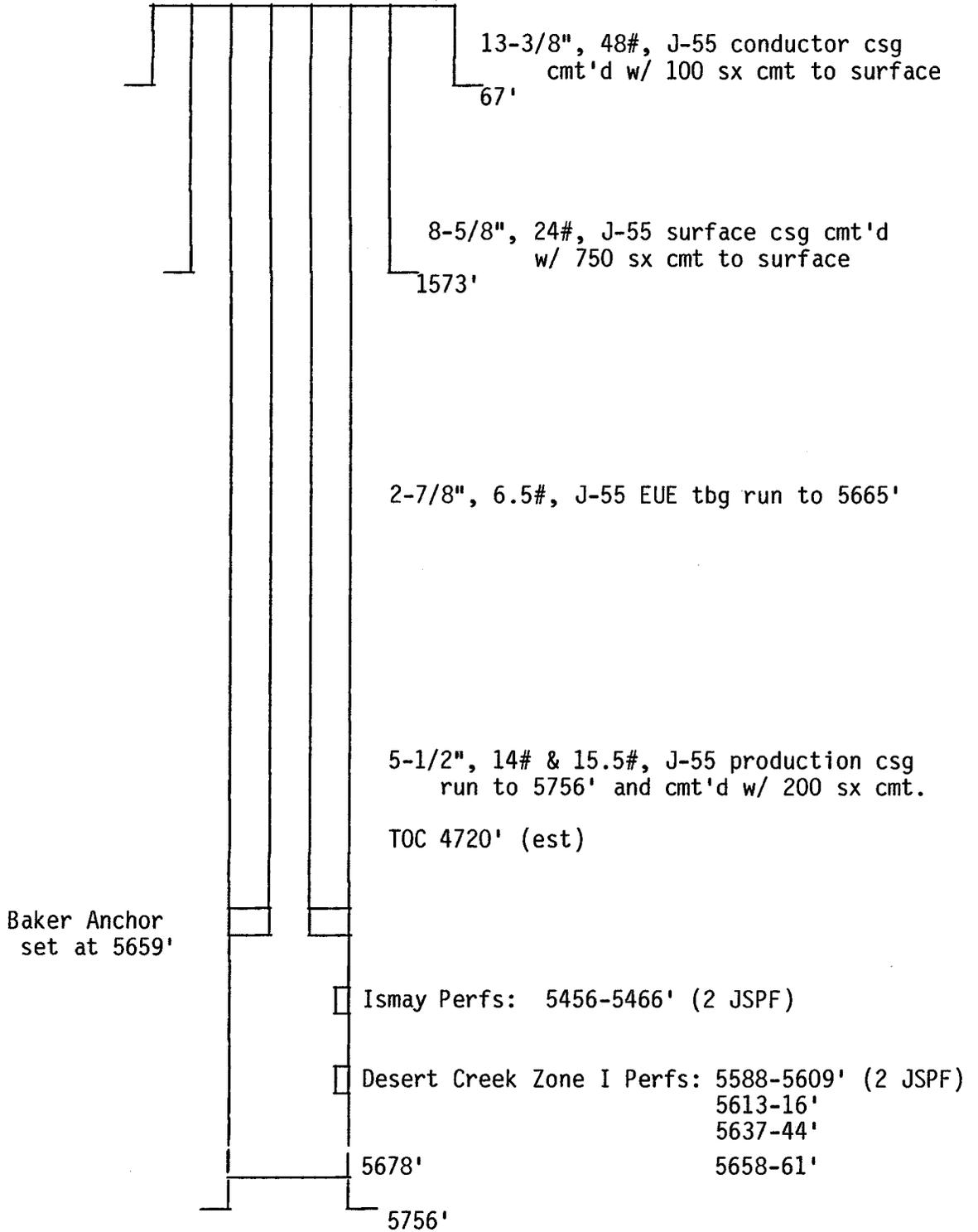
(8) The Division will be notified of the date and time to monitor the mechanical integrity test.

(9) There are no defective wells in this area.

(10) N/A.

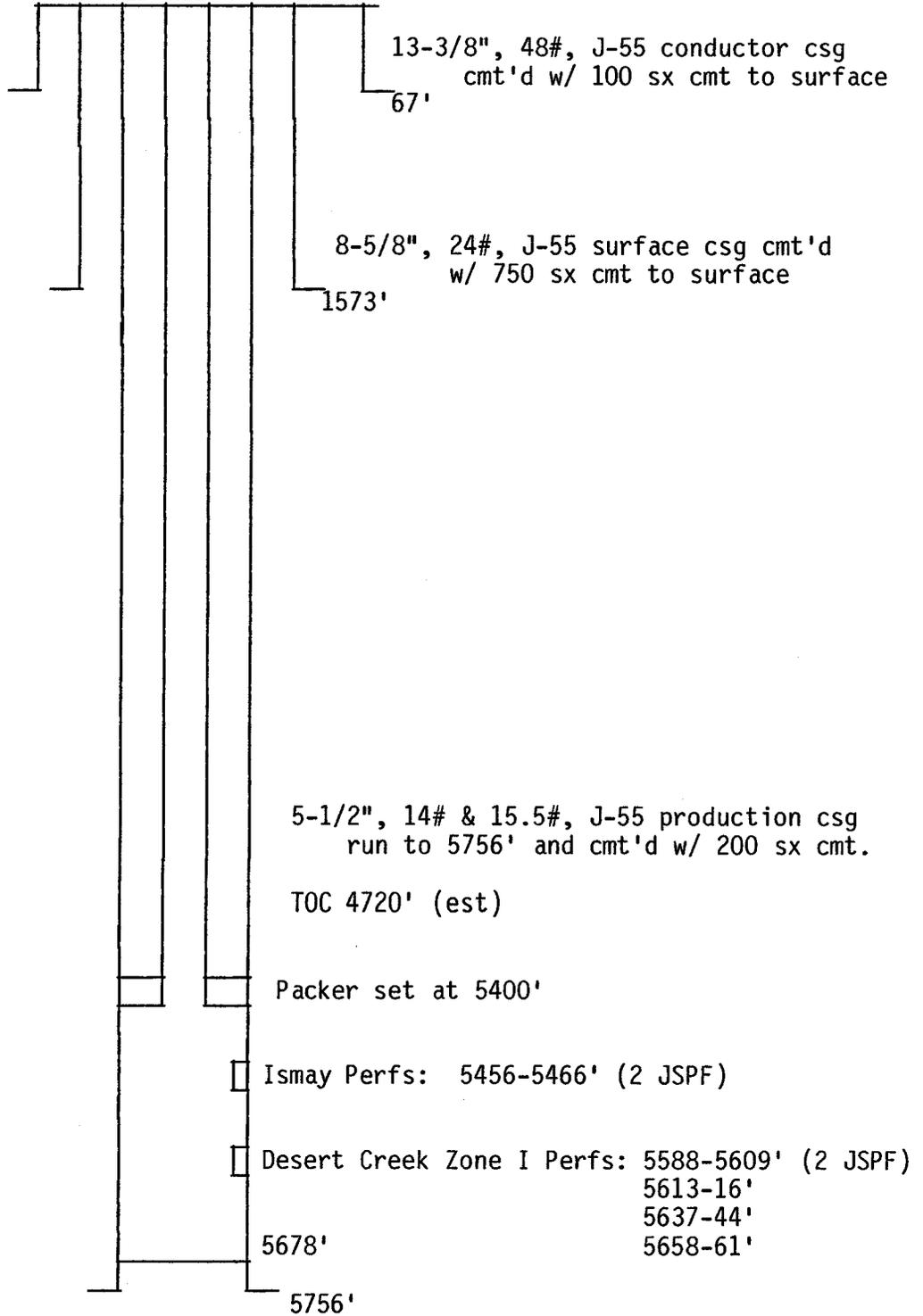
McELMO CREEK UNIT #F-11  
GREATER ANETH FIELD  
SAN JUAN COUNTY, UTAH

PRESENT WELLBORE SKETCH



McELMO CREEK UNIT #F-11  
GREATER ANETH FIELD  
SAN JUAN COUNTY, UTAH

PROPOSED WELLBORE SKETCH





UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. oil well  gas well  other

2. NAME OF OPERATOR  
SUPERIOR OIL COMPANY

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1885' FSL, 820' FWL SEC. 36  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

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

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

5. LEASE 14-20-603-6146
6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO
7. UNIT AGREEMENT NAME McELMO CREEK UNIT
8. FARM OR LEASE NAME
9. WELL NO. F-11
10. FIELD OR WILDCAT NAME GREATER ANETH
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 36, T40S, R24E
12. COUNTY OR PARISH SAN JUAN
13. STATE UTAH
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD) DF: 4737' GL: 4727'

**RECEIVED**  
SEP 20 1983  
DIVISION OF  
GAS & MINING

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

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

- MIRU.
- POH w/ rods, pump, tubing string and tubing anchor.
- Treat Desert Creek Zone I and Ismay with 6000 gal 28% HCL. Swab back load fluids.
- RIH w/ plastic coated packer and 2-3/8" plastic coated tubing.
- RDMO.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED T. Greg Merrion TITLE Petroleum Engineer DATE 8-15-83

(This space for Federal or State office use)

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



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

October 12, 1983

Superior Oil Company  
P.O. Drawer "G"  
Cortez, CO 81321

Re: Class II Injection Well  
Approval  
Cause No. UIC-027

Gentlemen:

Please be advised that administrative approval has been granted to inject water into the wells mentioned below. This approval is conditional upon adhering to the UIC rules and regulations adopted by the Board of Oil, Gas and Mining and by not exceeding the maximum authorized pressures and rates.

Township 40 South, Range 24 East

Sec. 36, Well # F-11 NW SW

Township 40 South, Range 25 East

Sec. 31, Well # M-12 SE SE  
Sec. 32, Well # N-11 NW SW  
Sec. 33, Well # P-11 NW SE  
Sec. 33, Well # P-17 NW NE

Township 41 South, Range 24 East

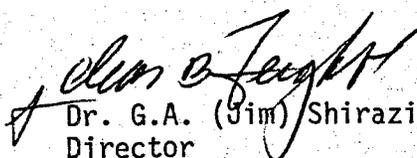
Sec. 12, Well # I-20 SE SE

Township 41 South, Range 25 East

Sec. 4, Well # R-13 NW NW  
Sec. 8, Well # O-18 SE NW

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

Sincerely,

  
Dr. G.A. (Jim) Shirazi  
Director

GS/TP/tp

RECEIVED

AUG 15 1984

DIVISION OF OIL  
GAS & MINING

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

FORM NO. DOGM-UIC-5  
(1981)

RULE I-7 (d & e)

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

Check Appropriate Classification:

Date of Commencement/~~Termination~~ 12-6-83

Disposal Well

Enhanced Recovery Injection Well

Enhanced Recovery Project

Well Name McELMO CREEK UNIT #F-11

Location: Section 36 Twp. 40S Rng. 24E, County SAN JUAN

Order No. authorizing Injection UIC-027 Date 10-12-83

Zone into Which Fluid Injected ISMAY & DESERT CREEK 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 SUPERIOR OIL COMPANY

Address P. O. DRAWER "G", CORTEZ, COLORADO 81321

Roberto Dentici  
Signature Roberto Dentici  
Engineer

8/6/84  
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.

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

SUBMIT IN TRIPLICATE\*  
(Other instructions  
verse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-6146

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NAVAJO

7. UNIT AGREEMENT NAME

McELMO CREEK UNIT

8. FARM OR LEASE NAME

9. WELL NO.

#F-11

10. FIELD AND POOL, OR WILDCAT

GREATER ANETH

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

SEC. 36, T40S, R24E

12. COUNTY OR PARISH

SAN JUAN

13. STATE

UTAH

1. OIL WELL  GAS WELL  OTHER WATER INJECTION

2. NAME OF OPERATOR

SUPERIOR OIL COMPANY

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

1885' FSL, 820' FWL Sec. 36

14. PERMIT NO.

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

DF: 4737' GL: 4727'

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) Convert to injection

(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.)\*

- 11-3-83: MIRU workover rig. POH w/ rods & pump. NU & test BOP. POH w/ tbg.
- 11-4-83: RIH w/ 5-1/2" scraper & tbg hydrotesting in. POH w/ scraper. RIH w/ pkr & tbg & hang tail at 5411'.
- 11-5-83: Set pkr, loaded csg & pressured backside to 1000 psi. Acidized Ismay (5456-5466') and Desert Creek I (5588-5661' O/A) w/ 4000 gals 28% HCL and salt plugs. Well on vacuum. Started swabbing.
- 11-6-83: Swabbing.
- 11-7-83: Swabbed for 6 hrs. Release pkr and POH. SI well waiting on injection string. RDMO workover rig.
- 12-5-83: MIRU workover rig and RIH w/ Lok-Set pkr and 170 jts of 2-3/8" plastic coated tbg.
- 12-6-83: Set pkr at 5385'. Loaded backside, made up wellhead and pressure tested backside to 1000#. Bled back to 200#. RDMO workover rig. Well placed on injection.

**RECEIVED**

AUG 15 1984

DIVISION OF OIL  
GAS & MINING

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

SIGNED

Roberto Dentici  
Roberto Dentici

TITLE

Engineer

DATE

8-6-84

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

Converted 1983 ✓

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

OPERATOR: MEPNA

FIELD: Greater Aneth LEASE: McElmo Creek

WELL # F-11 (NAVB 10 B-2) SEC. 36 TOWNSHIP 40S RANGE 24E

STATE (FED.) FEE DEPTH 5756 TYPE WELL INJW MAX. INJ. PRESS. 2800  
PBTD 5678' water tracer log 8/29/85 2000 BWPD

TEST DATE 10/22/86

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>	<u>13 3/8</u>	<u>67'</u>	<u>100 SX</u>	<u>-0-</u>	<u>Gauge wouldn't connect blew oil out steady blow, then cleaned threads, gauge read 0-</u>	
<u>INTERMEDIATE</u>	<u>8 5/8</u>	<u>1573</u>	<u>750 SX</u>			
<u>PRODUCTION</u>	<u>5 1/2</u>	<u>5736</u>	<u>200 SX</u>	<u>-0-</u>		

TUBING 2000#  
Packer set at 5400'

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

TUBING

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

TUBING

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**SUBMIT IN TRIPLICATE\***  
(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.)

OIL WELL  GAS WELL  OTHER

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

1885' FSL 820' FWL

14. PERMIT NO.

43-037-15617

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

GL: 4727'

5. LEASE DESIGNATION AND SERIAL NO.

14-20-0603-6146

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NAVAJO

7. UNIT AGREEMENT NAME

MCELMO CREEK

8. FARM OR LEASE NAME

9. WELL NO.

F-11

10. FIELD AND POOL, OR WILDCAT

GREATER ANETH

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

Sec. 36, T40S, R24E

12. COUNTY OR PARISH

SAN JUAN

18. STATE

UTAH

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANE

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

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

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

Build Cathodic Protection System

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.

W. A. Moncrief  
Began Drilling 2/24/61  
Finished Drilling 3/21/61

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

SIGNED

Chyle F. Benally

TITLE Sr. Regulatory Engineer

DATE 2/5/86

C. J. Benally  
(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

# Mobil Oil Corporation

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

May 14, 1986

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

**RECEIVED**  
MAY 16 1986

Attn: R. J. Firth  
Associate Director

DIVISION OF  
OIL, GAS & MINING

## SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

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

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

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

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

Very truly yours,



R. D. Baker  
Environmental Regulatory Manager

CNE/rd  
CNE8661

Injection Wells 1/5  
OnlyWESTERN REGULATORY WELL COMPLIANCE DATA FILE (PAGE 1 OF 2)  
FOR THE CORTEZ SUPERVISOR AREA  
FOR THE GREATER ANETH FIELD 05/13/86

PROPERTY NAME	WELL NAME	COUNTY	STATE	SEC	TOWNSHIP	RNG	WELL TYPE	ST T	API NUMBER	FEDERAL LEASE NUMBER	STATE NUMBER	UNIT NUMBER
GOTHIC MESA	9-24	SAN JUAN	UT	SE	SW	9-41S-23E	INJ	SI	43-037-16452	14-20-603-242		94-004216
	9-44	SAN JUAN	UT	SE	SE	9-41S-23E	INJ	SI	43-037-16451	14-20-603-242		94-004216
	16-24	SAN JUAN	UT	SE	SW	16-41S-23E	INJ	SI	43-037-16454	14-20-603-243		94-004216
	16-44	SAN JUAN	UT	SE	SE	16-41S-23E	INJ	SI	43-037-16453	14-20-603-243		94-004216
MC ELMO CREEK	A17-1	SAN JUAN	UT	NE	NE	10-41S-24E	INJ	OP	43-037-05592	14-20-603-6148		96-004190
	A17-2	SAN JUAN	UT	NE	NE	10-41S-24E	INJ	SI	43-037-05592	14-20-603-6148		96-004190
	B-13	SAN JUAN	UT	NW	NW	2-41S-24E	INJ	OP	43-037-05701	14-20-603-6509		96-004190
	B-15	SAN JUAN	UT	NW	SW	02-41S-24E	INJ	OP	43-037-05657	14-20-603-6508		96-004190
	D-13	SAN JUAN	UT	NW	NE	2-41S-24E	INJ	OP	43-037-16267	14-20-603-6510		96-004190
	D-15	SAN JUAN	UT	NW	SE	2-41S-24E	INJ	OP	43-037-05656	14-20-603-6147		96-004190
	D-17	SAN JUAN	UT	NW	NE	11-41S-24E	INJ	OP	43-037-15704	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-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	14-20-603-6146		96-004190
	F-13	SAN JUAN	UT	NW	NW	01-41S-24E	INJ	OP	43-037-16345	14-20-603-4032		96-004190
	F-15A	SAN JUAN	UT	NW	SW	1-41S-24E	INJ	OP	43-037-31149	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
	F15A	SAN JUAN	UT	NW	SW	01-41S-24E	INJ	OP	43-037-31149	14-20-603-4032		96-004190
	G-18	SAN JUAN	UT	SE	NW	12-41S-24E	INJ	OP	43-037-15494	14-20-603-4039		96-004190
	G-19	SAN JUAN	UT	NE	SW	12-41S-24E	INJ	OP	43-037-05532	14-20-603-5450		96-004190
	G-21	SAN JUAN	UT	NE	NW	13-41S-24E	INJ	SI	43-037-16347	14-20-603-370		96-004190
	G-21A	SAN JUAN	UT	NE	NW	13-41S-24E	INJ	OP	43-037-30974	14-20-603-370		96-004190
	G-23	SAN JUAN	UT	NE	SW	13-41S-24E	INJ	OP	43-037-16348	14-20-603-370		96-004190
G-25	SAN JUAN	UT	NE	NW	24-41S-24E	INJ	OP	43-037-16349	14-20-603-370		96-004190	
H-11	SAN JUAN	UT	NW	SE	36-40S-24E	INJ	OP	43-037-05739	14-20-603-6145		96-004190	
H-13	SAN JUAN	UT	NW	NE	01-41S-24E	INJ	OP	43-037-05708	14-20-603-4032		96-004190	
H-15	SAN JUAN	UT	NW	SE	01-41S-24E	INJ	OP	43-037-05666	14-20-603-4039		96-004190	
H-17	SAN JUAN	UT	NW	NE	12-41S-24E	INJ	OP	43-037-05605	14-20-603-4039		96-004190	
I-20	SAN JUAN	UT	SE	SE	12-41S-24E	INJ	OP	43-037-05524	14-20-603-4495		96-004190	

RECEIVED  
FEB 20 1990

DIVISION OF  
OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

- |  |  |
|--|--|
| 1. Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other: <u>Injection</u> | 5. Lease Designation & Serial No.<br>14-20-0603-6146           |
| 2. Name of Operator<br>MOBIL OIL CORPORATION   | 6. If Indian, Allottee or Tribe Name<br>NAVAJO                 |
| 3. Address of Operator<br>P. O. DRAWER G, CORTEZ, CO. 81321                                    | 7. Unit Agreement Name<br>McELMO CREEK UNIT                    |
| 4. Location of Well<br><br>1885' FSL, 820' FWL<br>Sec 36, T40S, R24E                           | 8. Farm or Lease Name  |
| 14. Permit No.<br>43-037-15617   | 9. Well No.<br>F-11  |
| 15. Elevations (DF, RT, GR)<br>DF: 4737'   | 10. Field and Pool, or Wildcat<br>GREATER ANETH                |
|  | 11. Sec. T,R,M or BLK and Survey or Area<br>SEC 36, T40S, R24E |
|  | 12. County, Parish<br>SAN JUAN                                 |
|  | 13. State<br>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/Acidizing <input type="checkbox"/>	Abandonment * <input type="checkbox"/>
Repair Well <input type="checkbox"/>	Change Plans <input type="checkbox"/>	(Other) CLEANOUT <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 zone pertinent to this work) \*

Well F-11 was worked over / cleaned out because of no injectivity and casing pressure was observed on the casing/tubing annulus.

01/29/90 MIRU Pool Well Service. Unset packer at 5318'. POH with tubing and packer. Found hole in tubing collar on 167 th joint. After unseating packer could not run tubing below setting depth, fill was indicated. Shut well in for night.

01/30/90 Haul in 2 7/8" work string. RIN with 5 1/2" bit and scraper on end of work string. Tagged fill at 5321'. Drilled out fill. Shut well in for night.

01/31/90 Rig broke down. Well shut in.

02/01/90 rig broke down. well shut in.

UIC	
GLH <input checked="" type="checkbox"/>	
DJ	
BGH	
COMPUTER	
MICROFILM	
FILE	

OIL AND GAS	
DRN	RJF
JRB	1- GLH <input checked="" type="checkbox"/>
DTS	SLS
2-TAS	<input checked="" type="checkbox"/>
3-	MICROFILM
4-	FILE

*Handwritten signature/initials*

- 02/02/90 Drilled out fill to PBD at 5678'. Circulate hole clean. POH with bit scraper. Shut well in for weekend.
- 02/05/90 RIH with Baker model R treating packer on end of work string. Could not get packer past 3554'. Casing had tight spot. ROH with work string and packer. Shut well in for night.
- 02/06/90 RIH with 4.9" casing swedge on end of workstring. Worked out tight spot between 3554'-3558'. POH with swedge and work string. RIH with treating packer on end of workstring. Set packer at 5277' fill casing tubing annulus with fresh water. Shut well in for night.
- 02/07/90 Acidized Ismay and Desert Creek I perms with 2000 Gallons of 28% HCL MSR acid. Displaced acid with 51 Bbls of fresh water. Max pressure 2000 psi. Let treatment soak one hour. Rig up to swabbed back treatment and load. Well flow back for one hour and died. Flow back approximately 40 Bbls of load water. Swabbed back 75 Bbls of acid water to tank. Shut well in for night.
- 02/08/90 Well was dead in morning. Swabbed back 50 more Bbls of dirty water. Rig down swab. Unset treating packer and POH with tubing and packer. Laid down work string. RIH with Baker loc-set packer on end of 2 3/8" plastic coated injection tubing. Set packer at 5322'. Shut in well for night.
- 02/09/90 Filled casing tubing annulus with packer fluid. Pressure test annulus to 1500 psi. No leak off in thirty minutes. Bleed off pressure. Nipple up injection head. Returned well to water injection. Rig down move off.

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

Signed: M. T. Balog Title: Staff Operations Engineer Date: 02/15/90

-----  
 (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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

Form Approved  
Budget No. 1004-0135  
Expires December 30, 1990

5. Lease Designation and Serial No.  
Unit 96-004190

6. If Indian, Allottee or Tribe Name  
Navajo Tribal

7. If Unit or CA, Agreement Designation  
McElmo Creek Unit

8. Well Name and No.  
F-11

SUBMIT IN TRIPLICATE

**RECEIVED**  
APR 05 1990

1. Type of Well

Oil Gas  
 Well /  Well /  Other

2. Name of Operator  
MOBIL OIL CORPORATION

DIVISION OF  
OIL, GAS & MINING

9. API Well No. 15617  
43-037-05943

3. Address and Telephone No.  
P. O. Drawer G, Cortez, Co. 81321 303-565-2200

10. Field and Pool, or Exploratory Area  
Greater Aneth

4. Location or Well (Footage, Sec., T., R., M. or Survey Description)  
1885 FSL 820 FWL, Sec 36, T40S, R24E

11. County or Parish, State  
San Juan, Utah

OIL AND GAS	
DRN	RUF
JRB	GLH <input checked="" type="checkbox"/>
DIS	SLS
2-TAS	
3. MICROFILM <input checked="" type="checkbox"/>	
4. FILE <input checked="" type="checkbox"/>	

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

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

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

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

Mobil has put this well on a long term shut-in status. This injection well is not taking any fluid and is scheduled for reconditioning within the next twelve months and will be put back on active status. This well is part of the CO2 flooding expansion within the McElmo Creek Unit.

Mobil Exploration and Producing U. S. Inc., as agent for Mobil Oil Corp.

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

Signed C. J. Behally Title Sr. Staff Environmental Engineer  
C. J. Behally

UIC	
GLH <input checked="" type="checkbox"/>	
DJA <input checked="" type="checkbox"/>	Date <u>3/30/90</u>
BGH <input checked="" type="checkbox"/>	
COMPUTER <input checked="" type="checkbox"/>	
MICROFILM <input checked="" type="checkbox"/>	
FILE <input checked="" type="checkbox"/>	

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

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.  
14-20-603-6146

6. If Indian, Allottee or Tribe Name

Navajo Tribal

7. If Unit or CA, Agreement Designation

McElmo Creek Unit

8. Well Name and No.

F-11

9. API Well No.

43-037-15617

10. Field and Pool, or Exploratory Area

Greater Aneth

11. County or Parish, State

San Juan, Utah

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well  Gas Well  Other Injection

2. Name of Operator

MOBIL OIL CORPORATION

3. Address and Telephone No.

P.O. BOX 633, MIDLAND, TX 79702

(915)688-2585

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

1885' FSL, 820' FWL Sec.36, T40S, R24E

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

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

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

See Attachment

Workover procedure was approved by George Robin with EPA on January 14, 1992.

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

Date: 1-30-92

By: [Signature]

RECEIVED

JAN 27 1992

DIVISION OF  
OIL GAS & MINING

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

Signed Shirley Todd SHIRLEY TODD Title Environmental Regulatory Technician Date 1-22-1992

(This space for Federal or State office use)

Approved by [Signature] Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any: Federal Approval of this Action is Necessary

MIDLAND NORTH AT  
PROPOSED WORKOVER PROCEDURE  
F-11  
MCELMO CREEK UNIT  
SAN JUAN COUNTY, UTAH

Location: 1885' FSL, 820' FWL NW/SW Sec. 36, T40S, R24E

Elevation: KB: 10'

Current Status: SI due to annular pressure.

Plan: Clean out ~300' solids using coiled tubing. Cut off tbg and retrieve above free point. Swedge out collapsed csg @ ~5314'. Squeeze upper Ismay. Run 40' csg patch. Add Desert Creek I perforations and wash with coiled tubing and acid. Run new IPC tbg and pkr, return to injection.

Pertinent Data: See attached wellbore diagrams, well history sheet, and correlation log. Workover will be a 24 hr. operation.

Procedure:

1. Net all pits and open tanks. Ensure EPA has been notified 48 hrs. prior to any casing work and MIT's.
2. MI CUDD PRESSURE CONTROL AND HALLIBURTON. RU 1-1/4" coiled tubing unit w/V12 acid pumper. NU 1-1/4" BOP's and test to 3000 psi. NU Halliburton pumper to the well's water injection line. Install in-line filter to pumper. Pressure test lines to coiled tubing unit to 3000 psi. CONTACT SAFETY PERSONEL TO MONITOR RETURNS DURING CLEANOUT FOR H<sub>2</sub>S.
3. Bring water onto V12 acid pumper and mix 2g/100g (2%) Tretolite OW-5827 surfactant. RIH w/ 1-1/4" coiled tbg and wash tool to +/- 5330'. Cleanout to PBD @ 5678' using wash tool. Max rate for cleanout = 3 BPM, Max Press + 3000 psi. POOH.
4. MIRU DDPU w/equipped for 24 hr service. ND wellhead and NU BOP's test pipe rams to 1000 psi for 10 minutes. Release PKR, pull to tight spot.
5. RU HOMCO. Establish free point. Cut tbg above free point w/wireline chemical cutter. Retrieve tbg.
6. RIH w/ 2-7/8" workstring + jars + bumper sub + casing swedge for 5-1/2", 15.5# pipe. Swedge out casing beginning @ +/- 5314'. Push PKR to PBD @ ~5678. POOH.
7. After retrieving packer, POOH. RU Schlumberger and run METT and PAL casing inspection logs from 5300' to surface. RD Schlumberger.

8. PU and RIH w/RBP and set +50' into good casing (as determined from inspection logs). If hole exists in casing, run Halliburtons casing alignment tool of sufficient length to support casing through bad casing section. If no hole exists, load hole with sand to +100' above collapsed section or any weak pressure to 5-1/2" casing and hold while performing squeeze operation.
9. Have safety personel on location prior to performing the following procedure: Excavate conductor pipe. Cut window in conductor pipe and remove any cement that may be present to expose 8-5/8" pipe. IF NO GAS IS PRESENT AT BRADEN HEAD, cut similar window in 8-5/8" casing. Scab a 10'-15' joint tbg in both windows for a guide for 1" coiled tbg.
10. RU CUDD. RIH w/1" coiled tbg open ended down the 5-1/2" x 8-5/8" annulus and tag TOC. Circulate annulus clean. Kill annulus w/brine or mud if necessary prior to cementing operation. RU DS. Pump a maximum of 218 sx (45 bbl slurry vol, slurry height = 1300' per dump) class 'G' cement + 0.8% D127 (latex) from TOC and pull up annulus approximately 30 ft/min as slurry is displaced. Allow cement to build compressive strength before pumping next stage (consult w/DS engineer for compressive strength time). Repeat procedure of circulating 218 sx Class 'G' + additives until annulus is full, approximately 3-4 times. RD Cudd and DS.
11. If casing alignment tool was ran, RIH and retrieve. POOH w/casing alignment tool. RIH w/retrieving head for RBP and retrieve RBP. POOH. Procede w/previous procedures to squeeze Ismay perforations, add Desert Creek 1A perforations, and wash w/coiled tbg.  
  
If sand was dumped in wellbore, RIH and circulate out sand. Retrieve RBP and POOH. Procede w/ previous procedures to squeeze Ismay perforations, add Desert Creek 1A perforations, and wash w/coiled tbg.
12. Dump approximately 170' (~23 cu-ft sand in wellbore and dumpbail 10' cement (~1 sk) on top (toc=5498'). RIH w/squeeze packer and bypass on 2-7/8" workstring to +/- 5300'.
13. RU DOWELL to squeeze w/150 sx class H 50:50 poz cement + 1 pps latex + 1 pps water loss additive + friction reducer/dispersant + silicate additive (first 50 sx). The slurry should have the following additives:

Slurry density = 15.3 ppg  
 Mix water = 4.23 gal/sk  
 Free water = 0%  
 Fluid loss = 20 cc/30 min  
 BHST = 125 degrees F

Slurry yield = 1.05 cu ft/sk  
 Minimum pump time = 2.5 hrs  
 72 hr comp strength = +/- 2500 psi  
 BHCT = 90 degrees F

14. Set packer @ +/- 5300'. Spot cmt to pkr, squeeze. MAX RATE = 2 BPM, MAX SQUEEZE PRESSURE = 1000 PSI. Release packer, pull 3 stands, reset packer and hesitate cement. SI well with squeeze pressure.
15. POOH. RIH w/ 4-3/4" bit + 5-1/2", 15.5# scrapper + 10 drill collars + 2-7/8" workstring. Drill out cement to +/- 5475'. Pressure test squeeze to 1000 psi for 30 minutes. Drill out to 5510' (top of sand). Circulate out sand to PBDT @ +/- 5670' (top of pkr). POOH.
16. RU SCHLUMBERGER w/1500 psi packoff. RUN METT and PAL casing inspection logs from 4600' - 5600'.
17. RU SCHLUMBERGER w/1500 psi packoff + 4" HEG expendable csg gun, 22.7 gram charges, 4 spf, 90 degree phasing. Correlate with gamma ray - collar locator and perforate as follows:

<u>ZONE</u>	<u>INTERVAL</u>	<u>NO. HOLES.</u>
Desert Creek I	5624'-5630'	24
Desert Creek I	5644'-5658'	56

RD SCHLUMBERGER.

18. RU HOMCO (24 hr notice). RIH w/40' casing patch + setting tool + 2-7/8" workstring. Set patch within 100' of top perforation, depth to be selected from casing inspection logs. POOH.
19. RIH w/treating/swab packer + SN 2-7/8" workstring. Set packer in casing patch.
20. RU CUDD PRESSURE CONTROL and HALLIBURTON. RIH w/1-1/4" coiled tbg + perf wash tool. Wash perfs w/5000 gals 15% SWIC acid w/iron control for 2000 ppm iron + SCA1 + AS5 + HYFLOW IV + PEN-88. Halliburton to pump acid through coiled tubing @ 1+ BPM. Reciprocate coiled tubing through perforations to wash. POOH w/coiled tbg. RDMO CUDD and HALLIBURTON.
21. RU swab equipment. Swab back load. Release pkr and POOH.
22. PU Baker 5-1/2" Lok-set injection pkr + approx. 5500' 2-3/8" IPC w/TK99 TBG. RIH w/injection equipment to casing patch. Circulate packer fluid and set packer. Notify EPA in advance of MIT test. Pressure test tbg/csg annulus to 1000 psi for 30 minutes. ND BOP's, NU well head. Return to water injection.

Approved:

Kenny Walters  
OE Supervisor

Wayne McPherson  
Operations Engineer



ATTACHMENT TO McELMO CREEK UNIT F-11

- 1-17-92 DRILL OUT CMT TO 3562' PRESS. TEST CSG. TO 1000#/LEAKED OFF TO 850 PSI/30 MIN. RE-SQUEEZE CSG LEAK @ 3529-36' W/25sx 'G' CMT W/1% CACL<sub>2</sub> PLUG FROM 3562 - 3472. STAGE SQZ TO 1200 PSI.
- 1-21-92 TAG CMT @ 3505'. CIRC HOLE CLEAN. PRESS TEST CSG TO 1050 PSI - HELD/OK/30 MIN. CIRC. SAND OFF BP @ 5305'.
- 1-22-92 SET CIBP @ 5488' RUN LOG FRM 3746-3390' & 1762-0'. SET 5 1/2 CMT RET @ 5318'. PRESS TBG - 3000 PSI. EST RATE CMT THRU RET W/75sx 'G' CMT MAX PRESS 750 PSI WELL BEGAN FLOWING BACK - POSSIBLE CMT RET FAILURE.
- 1-23-92 TAG TOP OF CMT @ 4798' DRILL OUT CMT TO 5198'. DROPPED FREE TO TOP OF CMT RET. @ 5318' DRILL OUT RET - NO CMT BELOW TOP OF CIBP @ 5488'. SET PKR @ 5318'.
- 1-24-92 PRESS TEST CSG TO 1000 PSI/HELD/OK/30 MIN. RDMO



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 RJ J. FIRTH (Initiated Call ) - Phone No. (      )  
of (Company/Organization) \_\_\_\_\_

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

4. Highlights of Conversation: \_\_\_\_\_

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

STATE OF UTAH  
INVENTORY OF INJECTION WELLS

OPERATOR	API NO.	WELL	TNS	RGE	SE	WELLTYPE	INDIAN COUNT
*****	*****	*****	***	***	**	*****	*****
✓ MEPNA (MOBIL	43-037-15617	<del>F-11</del>	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  
**OPERATOR CHANGE WORKSHEET**

Routing:	
1- <del>LVC</del>	7-PL
2-LWP	8-SJ ✓
3- <del>DLG</del>	9-FILE
4-VLC	✓
5-RJF	✓
6-LWP	✓

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

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

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

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

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

Name: <u>** SEE ATTACHED **</u>	API: <u>037-15617</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) no. Today's date \_\_\_\_\_ 1995. If yes, division response was made by letter dated \_\_\_\_\_ 1995.

**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 \_\_\_\_\_ 1995, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested. *DTS 8/5/95*
- N/A* 2. Copies of documents have been sent to State Lands for changes involving State leases.

**FILMING**

1. All attachments to this form have been microfilmed. Date: October 6 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 WIC F5/Not necessary!*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.  
**14-20-0603-6146**  
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 F-11**

9. API Well No.  
**43-037-15617**

10. Field and Pool, or exploratory Area  
**GREATHER ANETH**

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

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well  Gas Well  Other

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**(NW/SW)SEC. 36, T40S, 24E**  
**1885' FSL & 820' FWL**

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

TYPE OF SUBMISSION

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

TYPE OF ACTION

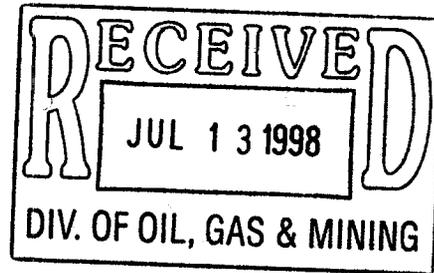
Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other **MIT & CHART**  
 Change of Plans  
 New Construction  
 Non-Routine Fracturing  
 Water Shut-Off  
 Conversion to Injection  
 Dispose Water

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

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

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 McElmo Creek Unit Well # F-11 EPA Permit No. \_\_\_\_\_  
 Location SEC 30 T40SR24E Tribal Lease No. 14-20-603-6146  
 State and County SAN JUAN COUNTY, UTAH

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

TIME	ANNULUS PRESSURE, psi	TUBING PRESSURE, psi
10:11 Am	<del>1100</del> <sup>mcc</sup> 1075 <sup>mcc</sup> 1065	2900
10:16 Am	1064	2900
10:21 Am	1060	2900
10:26 Am	1060	2900
10:31 Am	1060	2900
10:36 Am	1060	2900
10:41 Am	<del>1060</del> <sup>mcc</sup> 1059	2900

MAX. INJECTION PRESSURE: 2500 PSI  
 MAX. ALLOWABLE PRESSURE CHANGE: 53.25 PSI (TEST PRESSURE X 0.05)  
 REMARKS: Passed? Failed? If failed, cease injection until well passes MIT (40CFR§144.21(c)(6)).

*This is for now, what the mobil plant is putting out*  
 Using recorder that has been recalibrated in 3-21.

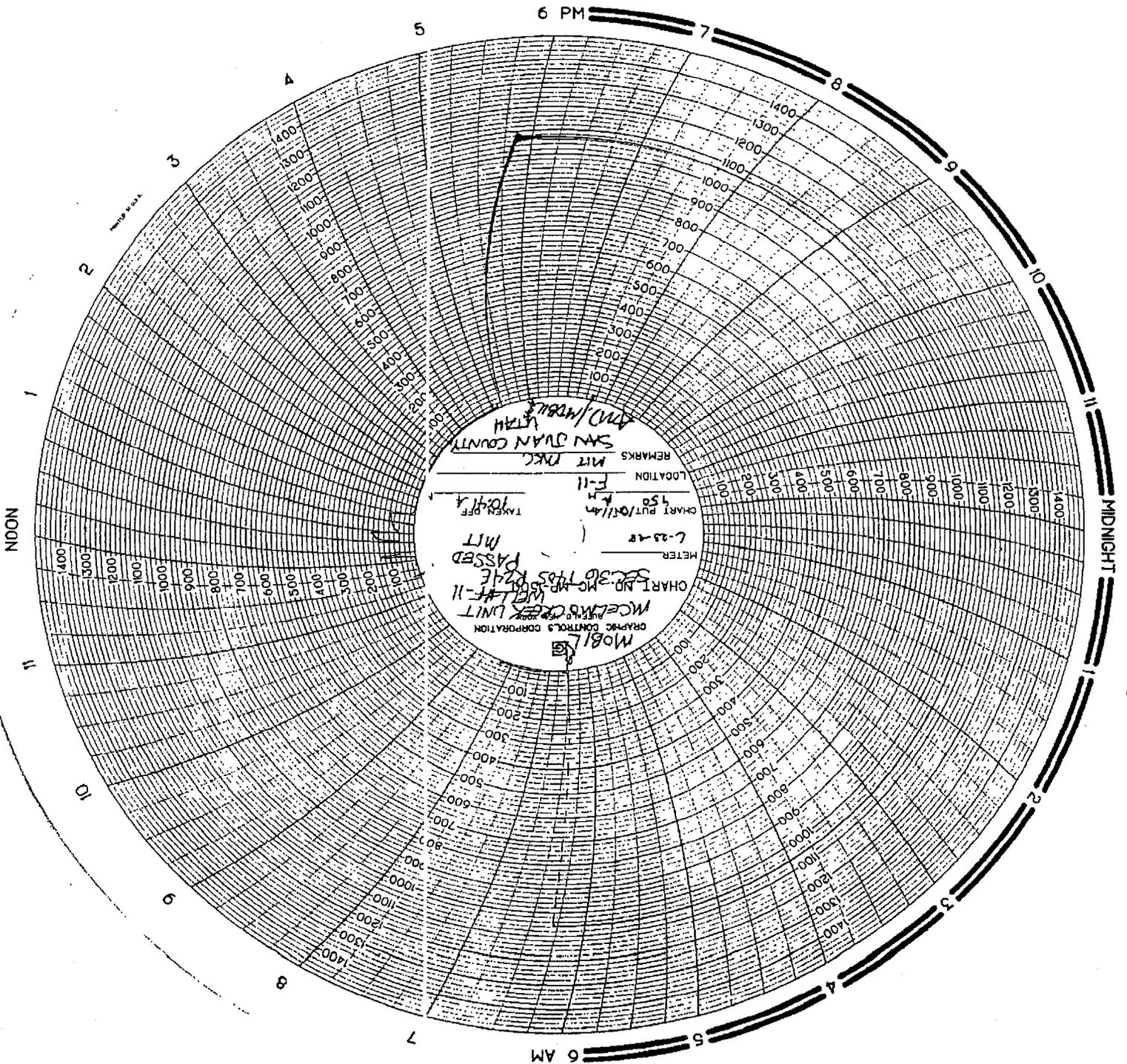
## PASSED MIT

ALBERT M TOMTSONIC / A MONTGOMERY  
 COMPANY REPRESENTATIVE: (Print and Sign)

6-23-98  
 DATE

Melvin Clark / Melvin Clark  
 INSPECTOR: (Print and Sign)

6-23-98  
 DATE



**ExxonMobil Production Compa**  
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.

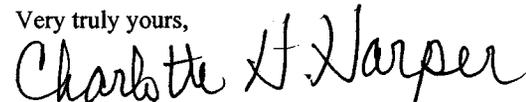
Please note the change of name of MOC to ExxonMobil Oil Corporation in your records pertaining to any MOC permits.

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

XXXXXXXXXXXXXXXXXXXX  
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>DMC</i>
NATV AM MN COORD	_____
SOLID MN TEAM	_____
PETRO MN TEAM	<i>2</i>
O & G INSPECT TEAM	_____
ALL TEAM LEADERS	_____
LAND RESOURCES	_____
ENVIRONMENT	_____
FILES	_____

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

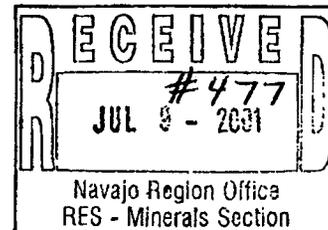
*AS 7/12/2001*  
*JK*  
*543*  
*File*

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.

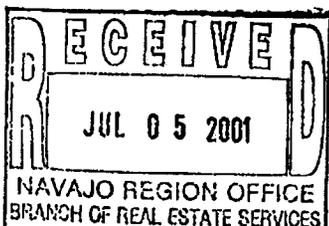
If you have any questions, please contact Alex Correa at (713) 431-1012.

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 Issa*

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

Gentlemen:

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

OFFICERS

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

DIRECTORS

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

Sincerely,

Alex Correa

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



Signature

AGENT AND ATTORNEY IN FACT

Title

**CERTIFICATION**

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

**CHANGE OF COMPANY NAME**

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

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

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

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

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

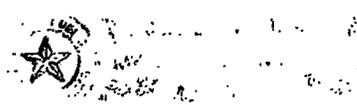
WITNESS, my hand and the seal of the Corporation at Irving, Texas, this 8th day of June, 2001.

S. A. Milligan  
Assistant Secretary

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

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

Janice M. Phillips  
Notary Public



**LISTING OF LEASES OF MOBIL OIL CORPORATION**

	<b>Lease Number</b>
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 12<sup>th</sup> 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, 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 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 07:06 NO. 133 03/04

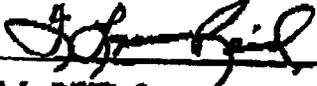
**FOURTH:** That the amendments to the Certificate of Incorporation were authorized by the Board of Directors followed by the holder of all outstanding shares entitled to vote on amendments to the Certificate of Incorporation by written consent of the sole shareholder dated May 22, 2001.

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

  
\_\_\_\_\_  
F. A. Riich, President 

STATE OF TEXAS       )  
COUNTY OF DALLAS    )

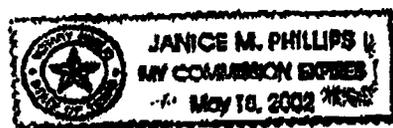
F. L. REID, being duly sworn, deposes and says that he is the Secretary of MOBIL OIL CORPORATION, the corporation mentioned and described in the foregoing instrument; that he has read and signed the same and that the statements contained therein are true.

  
\_\_\_\_\_  
F. L. REID, Secretary

SUBSCRIBED AND SWORN TO before me, the undersigned authority, on this the 22<sup>nd</sup> 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. 133 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

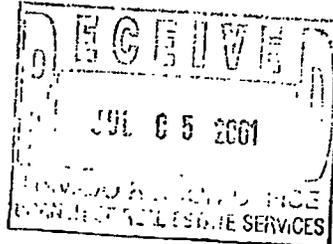
5949 Las Colinas Blvd.  
(Mailing address)

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

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

*ny Albany*

*Cust Reg # 165578 MPJ*



**010601000195**

State of New York }  
Department of State } ss:

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

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



*Special Deputy Secretary of State*

**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**

<b>FROM: (Old Operator):</b>	<b>TO: (New Operator):</b>
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 F-11	36-40S-24E	43-037-15617	5980	INDIAN	WI	A
MCELMO CREEK G-12	36-40S-24E	43-037-15618	5980	INDIAN	WI	A
MCELMO CREEK I-12	36-40S-24E	43-037-15619	5980	INDIAN	WI	A
NAVAJO A-2 (MCELMO H-11)	36-40S-24E	43-037-16350	99990	INDIAN	WI	A
NAVAJO 7 (MCELMO T-8)	28-40S-25E	43-037-16377	99990	INDIAN	WI	A
NAVAJO TRIBE F-3 (MCELMO N-7)	29-40S-25E	43-037-16362	99990	INDIAN	WI	A
NAVAJO TRIBE F-18 (MCELMO P-7)	29-40S-25E	43-037-16366	99990	INDIAN	WI	A
MCELMO CREEK K-12	31-40S-25E	43-037-15955	5980	INDIAN	WI	A
NAVAJO TRIBE C-33-31 (MCELMO L-11)	31-40S-25E	43-037-15958	99990	INDIAN	WI	A
MCELMO CREEK M-10	31-40S-25E	43-037-15961	5980	INDIAN	WI	A
MCELMO CR M-12	31-40S-25E	43-037-15962	5980	INDIAN	WI	A
NAVAJO TRIBE C-13-31 (MCELMO J-11)	31-40S-25E	43-037-16354	99990	INDIAN	WI	A
NAVAJO TRIBE C-31-31 (MCELMO L-9)	31-40S-25E	43-037-16359	99990	INDIAN	WI	A
NAVAJO C-11-32 (MCELMO N-9)	32-40S-25E	43-037-15964	99990	INDIAN	WI	I
NAVAJO C-13-32 (MCELMO N-11)	32-40S-25E	43-037-15965	99990	INDIAN	WI	A
MCELMO CREEK O-10	32-40S-25E	43-037-15967	5980	INDIAN	WI	A
MCELMO O-12	32-40S-25E	43-037-15968	5980	INDIAN	WI	A
MCELMO CREEK P-11 (RE-ENTRY)	32-40S-25E	43-037-15971	5980	INDIAN	WI	A
MCELMO CREEK Q-10 (RE-ENTRY)	32-40S-25E	43-037-15973	5980	INDIAN	WI	A
NAVAJO C-31-32 (MCELMO P-9)	32-40S-25E	43-037-16367	99990	INDIAN	WI	A

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

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

7. **Federal and Indian Units:**

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

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

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

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

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

<b>ROUTING</b>
1. DJJ
2. CDW

**X Change of Operator (Well Sold)**

Operator Name Change/Merger

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

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/21/2006
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/24/2006
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 6/7/2006
4. Is the new operator registered in the State of Utah: YES Business Number: 5733505-0143
5. If **NO**, the operator was contacted on:
- 6a. (R649-9-2)Waste Management Plan has been received on: requested
- 6b. Inspections of LA PA state/fee well sites complete on: n/a
- 6c. Reports current for Production/Disposition & Sundries on: ok
7. **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
8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: not yet
9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
10. **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:**

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

**BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: n/a
2. Indian well(s) covered by Bond Number: PA002769
3. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number n/a
- 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:**

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

**COMMENTS:**

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

UIC FORM 5

**TRANSFER OF AUTHORITY TO INJECT**

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

**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:

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

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>See attached list</b>
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: <b>Navajo Tribe</b>
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: <b>McElmo Creek Unit</b>
2. NAME OF OPERATOR: <b>Resolute Natural Resources Company</b> <i>N2700</i>		8. WELL NAME and NUMBER: <b>See attached list</b>
3. ADDRESS OF OPERATOR: <b>1675 Broadway, Suite 1950</b> CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>80202</b>		9. API NUMBER: <b>Attached</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>See attached list</b>		10. FIELD AND POOL, OR WILDCAT: <b>Greater Aneth</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		COUNTY: <b>San Juan</b>
		STATE: <b>UTAH</b>

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

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

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. TYPE OF WELL OIL WELL <input 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>

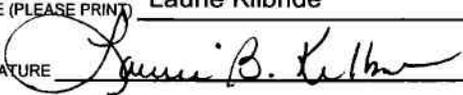
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

RECEIVED  
APR 21 2006

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

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-200-603-6146
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> NAVAJO  <b>7. UNIT or CA AGREEMENT NAME:</b> MCELMO CREEK
<b>1. TYPE OF WELL</b> Water Injection Well	<b>8. WELL NAME and NUMBER:</b> MCELMO CREEK F-11
<b>2. NAME OF OPERATOR:</b> RESOLUTE NATURAL RESOURCES	<b>9. API NUMBER:</b> 43037156170000
<b>3. ADDRESS OF OPERATOR:</b> 1675 Boradway Ste 1950 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 534-4600 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1885 FSL 0820 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 36 Township: 40.0S Range: 24.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> GREATER ANETH  <b>COUNTY:</b> SAN JUAN  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>6/9/2014</b>  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input checked="" type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text"/>

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

Resolute Natural Resources respectfully submits this sundry as notice to clean out and acidize the above well. Attached are the procedures and schematic

**Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
 June 12, 2014**

Date: \_\_\_\_\_

By: Dark Quif

<b>NAME (PLEASE PRINT)</b> Erin Joseph	<b>PHONE NUMBER</b> 303 573-4886	<b>TITLE</b> Sr. Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/9/2014	

# RESOLUTE

## NATURAL RESOURCES

### MCU F-11 Coil Tubing Clean Out & Acidize

#### Procedure

1. LOTO Injection Lines at wellhead, on main isolation valves, and CP Panel.
2. MI spot CTU, pump unit, rig pit, install hard line and choke manifold.
3. RU CTU with 1.25 inch coil, 1.25 Vortec washtool.
4. Test lubricator and BOP's to 4500 psig.  
**Minimum ID @ 1.78 'R 'profile @ 5241.9' KB' (1.72 no-go).**
5. RIH with CTU, establish circulation; clean out fill to PBTD at 5654' KB;  
Take solids samples for analysis. After reaching PBTD, circ well bore clean.
6. POOH & load coil with 7 drums xylene or alternate solvent; Prepare to acidize behind the solvent with 2500 gal inhibited 20% HCl.
7. Spot coil at btm perf 5644' & begin solvent at .5 bpm, move CT up & down thru perfs (top perf 5588') twice while pumping solvent, then shut down for 30 min soak when acid is at the tip of the coil, & coil at btm perf. Coil speed of 12.2 fpm required at 0.5 bpm.
8. Pump the acid while again making two trips up and down through the perfs w/the coil.
9. PU to ~5400' and overdisplace acid past btm perf at 5644' by 25 bbls fresh water.
10. POOH with coil tubing.
11. RD CTU and stimulation equipment. Release equipment.
12. Backflow lateral line for cleanup.
13. Advise Pierce Benally (435) 619-7234 the well is ready to return to injection.

# McELMO CREEK UNIT # F-11

GREATER ANETH FIELD

1885' FSL & 820' FWL

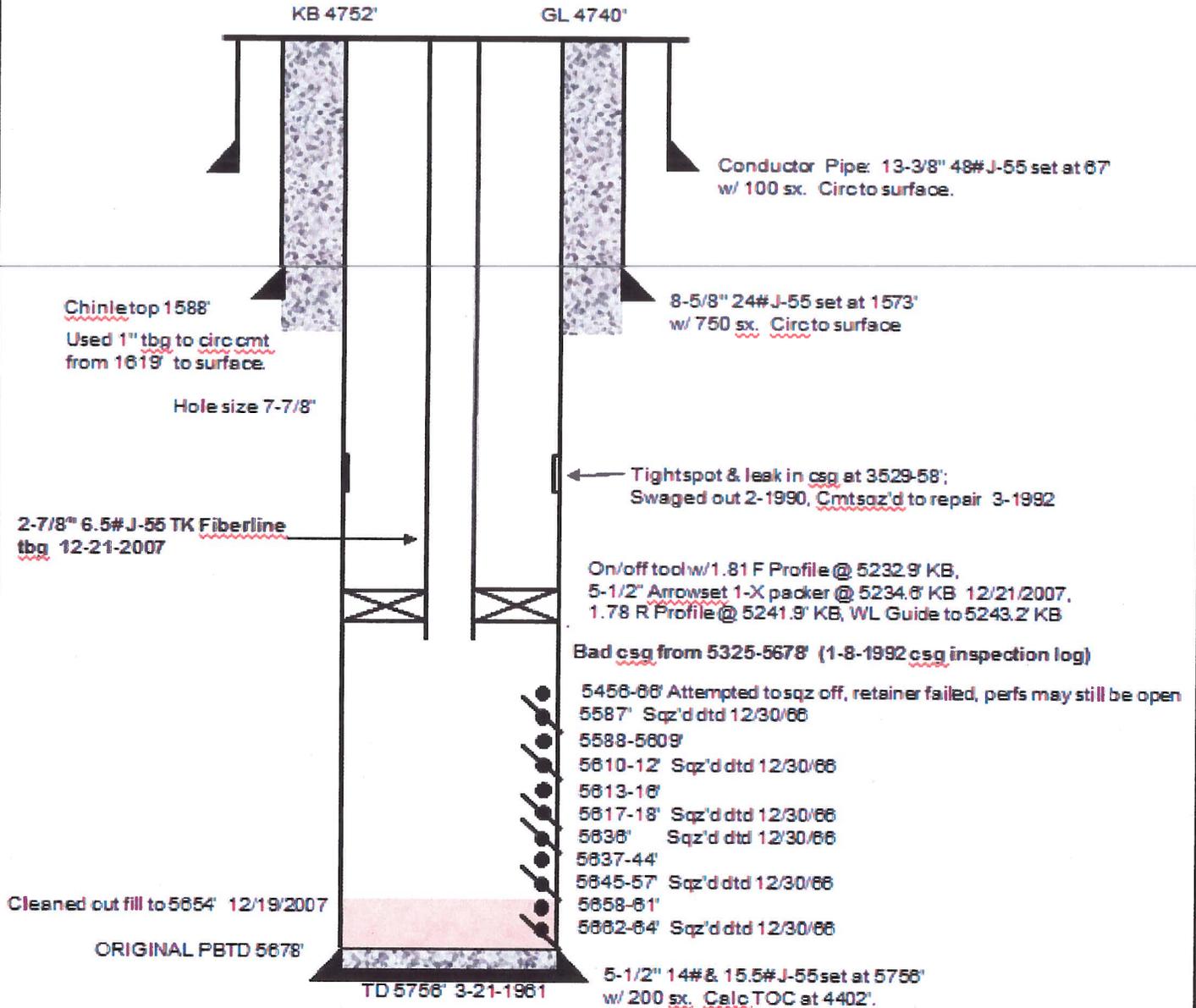
SEC 36-T40S-R24E

SAN JUAN COUNTY, UTAH

API 43-037-15617

PRISM 0000201

INJECTOR



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-200-603-6146
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> NAVAJO
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.		<b>7. UNIT or CA AGREEMENT NAME:</b> MCELMO CREEK
<b>1. TYPE OF WELL</b> Water Injection Well		<b>8. WELL NAME and NUMBER:</b> MCELMO CREEK F-11
<b>2. NAME OF OPERATOR:</b> RESOLUTE NATURAL RESOURCES		<b>9. API NUMBER:</b> 43037156170000
<b>3. ADDRESS OF OPERATOR:</b> 1700 Lincoln Street, Suite 2800 , Denver, CO, 80203 4535	<b>PHONE NUMBER:</b> 303 534-4600 Ext	<b>9. FIELD and POOL or WILDCAT:</b> GREATER ANETH
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1885 FSL 0820 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 36 Township: 40.0S Range: 24.0E Meridian: S		<b>COUNTY:</b> SAN JUAN
		<b>STATE:</b> 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 Approximate date work will start:	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/5/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR 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"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

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

Resolute Natural Resources is submitting this sundry as notice that the clean out and acidizing of the above well was completed on 6/05/2014 according to previously submitted procedures

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**  
July 10, 2014

<b>NAME (PLEASE PRINT)</b> Erin Joseph	<b>PHONE NUMBER</b> 303 573-4886	<b>TITLE</b> Sr. Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 7/10/2014	