

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

FILE NOTATIONS

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

COMPLETION DATA:

- | | |
|--|--------------------------|
| Date Well Completed <u>8-24-58</u> | Location Inspected _____ |
| OW <input checked="" type="checkbox"/> WW _____ TA _____ | Bond released _____ |
| GW _____ OS _____ PA _____ | State of Fee Land _____ |

LOGS FILED

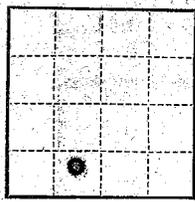
- Driller's Log 10-24-58
 Electric Logs (No.) 3

- | | | | | | |
|-----------|------------|-------------|----------------------------------|------------|---|
| E _____ | I _____ | E-I _____ | GR _____ | GR-N _____ | Micro <input checked="" type="checkbox"/> |
| Lat _____ | Mi-L _____ | Sonic _____ | Other <u>Industrial/Chemical</u> | | |

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

Contract No. 14-20-603-2057



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____
Lease No. _____

Lease No. 177844

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

Navajo Tribe "p" Fort Worth, Texas, July 23, 1958.

Well No. 9 is located 645 ft. from SW line and 2140 ft. from W line of sec. 33

SE 1/4 SW 1/4, Sec. 33 40-South 25-East SLM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
McElmo Creek San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~ground~~ ^{ground} floor above sea level is 4819 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)

OBJECTIVE FORMATION	SIZE CASING	CASING PROGRAM (Approx)
Top of Ismay 5510'	8-5/8" (1500')	Set at 1500' Cement 1000 sx.
	5-1/2" (5500')	14.0# New
	5-1/2" (350')	15.5# New 5850' 500 sx.

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

Company THE TEXAS COMPANY
 Address P. O. Box 1720
Fort Worth 1, Texas

THE TEXAS COMPANY

By [Signature]
 W.C. Lenz

Title Gen. Supt. Drilling & Production

amm

July 25, 1958

The Texas Company
P. O. Box 1720
Fort Worth 1, Texas

Attention: W. C. Lenz, General Superintendent
Drilling & Production

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo Tribe P-9, which is to be located 645 feet from the south line and 2140 feet from the west line of Section 33, Township 40 South, Range 25 East, S1EM, San Juan County, Utah.

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

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

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
SECRETARY

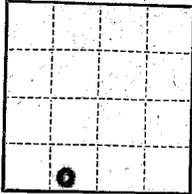
CBF:en

cc: Phil McGrath
USGS, Farmington,
New Mexico

8

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. 14-20-603-2057

71-H
10-14

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

Navajo Tribe "P"

October 10, 1958

Well No. 9 is located 645 ft. from SW line and 2140 ft. from W line of sec. 33

SW of Sec. 33
(1/4 Sec. and Sec. No.)

40-S 25-E
(Twp.) (Range)

SLM
(Meridian)

McElmo Creek
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is 4819 ft.

DETAILS OF WORK

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

Spudded 7:00 P.M., August 5, 1958.

Drilled 11" hole to 1502' and cemented 1490' of 8-5/8" O.D. casing at 1502' with 1050 sacks of cement. Cement circulated. Tested casing with 800# pressure for 30 minutes. Tested Ok.

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

Company The Texas Company

Address Box 817

Farmington, New Mexico

By

Title

Dist. Supt.

W

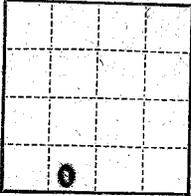
(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. 14-20-603-2057



SUNDRY NOTICES AND REPORTS ON WELLS

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

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

Navajo Tribe ^{SPW} _____ OCTOBER 22, 19 58

Well No. 9 is located 645 ft. from ^{XNS}_S line and 2140 ft. from ^{XNS}_W line of sec. 33

SW¹ of Sec. 33 40-S 25-E S1M
(¹/₄ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

McElmo Creek San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4819 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)

Drilled 6-3/4" hole to 5848' and cemented 5837' of 4-1/2" O.D. casing at 5846' with 250 sacks of cement and 300 gallons cement. Top of cement 4400'. Tested casing with 1000# pressure for 30 minutes. Tested Ok.

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

Company THE TEXAS COMPANY

Address BOX 817

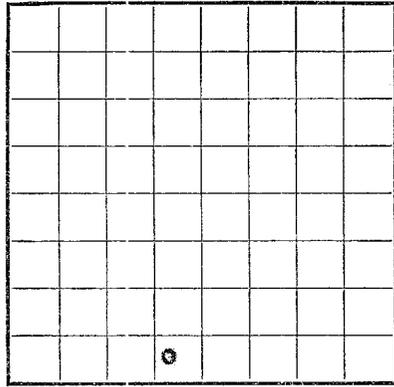
FARMINGTON, NEW MEXICO

By [Signature]
Title Dist. Supt.

W
55

14

Form 9-330



LOCATE WELL CORRECTLY

U. S. LAND OFFICE Navajo
SERIAL NUMBER 14-20-603-2057
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company The Texas Company Address Box 817, Farmington, New Mexico
Lessor or Tract Navajo Tribe "P" Field McElmo Creek State Utah
Well No. 9 Sec. 33 T 40-S R. 25-E Meridian SLM County San Juan
Location 645 ft. ^[N.] of S Line and 2140 ft. ^[E.] of W Line of Section 33 Elevation 4819
(Derrick floor relative to sea level)

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

Date October 24, 1958 Title District Superintendent

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

Commenced drilling August 5, 19 58 Finished drilling August 22, 19 58

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5607' to 5699' No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>8-5/8</u>	<u>24</u>	<u>8 R</u>	<u>Sals</u>	<u>1490</u>	<u>Baker</u>	<u>None</u>			
<u>4-1/2</u>	<u>9.5</u>	<u>8 R</u>	<u>Sals</u>	<u>5837</u>	<u>Baker</u>	<u>None</u>			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8</u>	<u>1502</u>	<u>1050</u>	<u>Halliburton</u>		
<u>4-1/2</u>	<u>5646</u>	<u>250 sacks cement</u> <u>& 300 gallons of</u> <u>collimator</u>	<u>Halliburton</u>		

PLUGS AND ADAPTERS

Heaving plug—Material None Length _____ Depth set _____
Adapters—Material None Size _____

3 FOLD MARK

FOLD MARK

8-5/8	1502	1050	Halliburton
4-1/2	5846	250 sacks cement & 500 gallons of oil	Halliburton

PLUGS AND ADAPTERS

Heaving plug—Material None Length Depth set
 Adapters—Material None Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
<u>None</u>						

TOOLS USED

Rotary tools were used from 0 feet to 5848 feet, and from feet to feet
 Cable tools were used from None feet to feet, and from feet to feet

DATES

 , 1956 Put to producing Tested 8-24, 1956
 The production for the first 24 hours was 978 barrels of fluid of which 100 % was oil; %
 emulsion; % water; and % sediment. Gravity, °Bé. 40.8
 If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
 Rock pressure, lbs. per sq. in.

EMPLOYEES

G. H. Davenport, Driller Clenn Mitchum, Driller
Freeman Smith, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	75	75	Sand and Red Bed
75	732	657	Anhydrite and Sand
732	1562	830	Red Bed and Anhydrite
1562	2290	728	Red Bed and Shale
2290	3215	925	Sand and Shale
3215	4592	1377	Shale
4592	5580	988	Lime and Shale
5580	5781	201	Lime
5781	5848	67	Lime and Shale
Total Depth 5848'			
Plugged Back Depth 5828'			

W

FORMATION RECORD—Continued

OCT 27 1958

FROM—	TO—	TOTAL FEET	FORMATION
			<u>FORMATION TOPS</u>
			Navajo - - - - - 893'
			Kayenta - - - - - 1182'
			Wingate - - - - - 1240'
			Chinle - - - - - 1562'
			Shinarump - - - - - 2518'
			Hoskinnini - - - - - 2629'
			De Chelly - - - - - 2746'
			Organ Rock - - - - - 2842'
			Hermosa - - - - - 4748'
			Paradox - - - - - 5789'
			Formation Tops as per EL.
			<u>HOLE SIZE</u>
			0' to 1502' - 11"
			1502' to 5848' - 6-3/4"
			<u>DEVIATION TESTS</u>
			650' - 1/2°
			3440' - 1°
			1196' - 3/4°
			3900' - 1/2°
			2020' - 1°
			4440' - 1/2°
			2400' - 1°
			5025' - 1°
			3180' - 1°
			5600' - 1°
			All measurements from derrick floor, 10' above ground.

HISTORY OF OIL OR GAS WELL

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

After drilling to 5848' and cementing 4-1/2" casing, top of cement plug was found to be at 5828' (P.B.T.D.). Perforated 4-1/2" casing from 5637 to 5629', 5644' to 5649', 5655' to 5674' and 5682' to 5699' with 4 jet shots per foot. Ran 2" tubing to 5610' with packer set at 5393' and acidized perforations in 3 stages with 12,600 gallons regular 15% acid using 800 gallons fit-a-frac. After swabbing, well flowed 163 barrels of oil in 4 hours.

[Faint, mostly illegible text, likely bleed-through from the reverse side of the page.]

Table with a grid structure, likely for recording well data or production statistics. The grid is approximately 10 columns wide and 10 rows high.

DATE OF REPORT

REPORT MADE AT

NAME OF OPERATOR

WELL NO.

[Faint text at the bottom right of the page, possibly a signature or additional notes.]

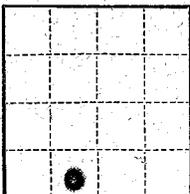
(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. 14-20-603-2057



SUNDRY NOTICES AND REPORTS ON WELLS

*7/14
4/3*

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		INSTALLATION OF PUMPING EQUIPMENT	X

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

March 26, 1959

Navajo Tribe "P"

Well No. 9 is located 645 ft. from SW line and 2140 ft. from W line of sec. 33

SW 1/4 of Sec. 33
(1/4 Sec. and Sec. No.)

40-S
(Twp.)

25-E
(Range)

SLM
(Meridian)

McElmo Creek Ext.
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is 4819 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)

Completed installing pumping equipment and well commenced pumping February 5, 1959. On 24 hour pump test ending February 23, 1959, well pumped 398 barrels of 42° gravity oil. Length of pump stroke 88" with 13 strokes.

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

Company The Texas Company

Address P. O. Box 817

Farmington, New Mexico

By C. H. McNeal

Title Asst. Dist. Sup't.

210

Copy H-S-C

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IT DATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1124.

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.)

- 5. LEASE DESIGNATION AND SERIAL NO.
14-20-603-2057
- 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Nava Jo
- 7. UNIT AGREEMENT NAME
McElmo Creek
- 8. FARM OR LEASE NAME
- 9. WELL NO.
20-12
- 10. FIELD AND POOL, OR WILDCAT
McElmo Creek Unit
- 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
- 12. COUNTY OR PARISH
San Juan
- 13. STATE
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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
**645' FSL & 2140' FWL
Sec. 33, T40S, R25E**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4826' K.B.

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

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

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

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

**11-22-63: Perforated w/2 holes per foot from 5717' - 38'.
Acidized w/100 gal M.A. & 2500 gal Reg 15%.
Max. Press. 2700#, Injection rate 4.7 BPM.
Reran 2-7/8" tubing to 5764'.**

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

SIGNED C. R. WALLER TITLE Production Engineer DATE December 5, 1963

C. R. Waller
(This space for Federal or State office use)

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

CRW/ba

*See Instructions on Reverse Side

This report was prepared by the Geologic Division, U.S. Geological Survey, Denver, Colorado, under contract to the U.S. Atomic Energy Commission. The work was done under the supervision of the U.S. Atomic Energy Commission, Office of Health, Safety and Environment, Washington, D.C. The work was done under the supervision of the U.S. Atomic Energy Commission, Office of Health, Safety and Environment, Washington, D.C. The work was done under the supervision of the U.S. Atomic Energy Commission, Office of Health, Safety and Environment, Washington, D.C.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TR. CE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-2057

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

McElmo Creek Unit

8. FARM OR LEASE NAME

McElmo Creek Unit

9. WELL NO.

#S-12

10. FIELD AND POOL, OR WILDCAT

McElmo Creek

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

Sec. 33, T40S, R25E

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

645' from SL, 2140' from WL
Section 33, T40S, R25E
San Juan County, Utah

14. PERMIT NO.

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

4826' KB

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

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

NOTICE OF INTENTION TO:

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.)*

The Ismay reservoir will be perforated 5558-5571' with 2 jets per ft., isolated between retrievable bridge plug and packer and then stimulated with 3,000 gallons 28% acid. After swabbing and testing the Ismay, bridge plug and packer will be pulled and the well produced commingled from Ismay and Desert Creek zones.

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

SIGNED

Charles L. Hill
Charles L. Hill

TITLE

Reservoir Engineer

DATE

January 13, 1971

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

CLH/njh

*See Instructions on Reverse Side

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TR... DATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-2057

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

McElmo Creek Unit

8. FARM OR LEASE NAME

9. WELL NO.

MCU #S-12

10. FIELD AND POOL, OR WILDCAT

McElmo Creek

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

SE SW Sec. 33, T40S, R25E

14. PERMIT NO.

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

4826' KB

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

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.)*

2/8-2/9/71 The Ismay Zone 5558-71' was perforated with 2 jets per foot and treated with 3,000 gallons 28% retarded acid.

2/10/71 Well flowed 16.5 hrs - 292 bbls fluid at 80-30% cut. Downhole equipment was run to produce the Ismay Zone commingled with Desert Creek production.

Desert Creek Production prior to workover - 230 BO, 33 BWP, 12.5% cut.

Total production subsequent to workover - 321 BO, 167 BWP, 34% cut.

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

SIGNED

D. D. Kingman

TITLE District Engineer

DATE 2/25/71

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

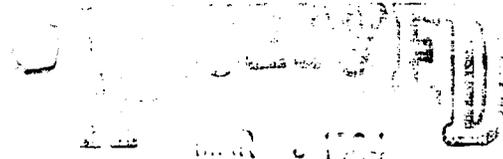
CONDITIONS OF APPROVAL, IF ANY:

OGC/njh

cc: State, USGS,

Franques, Broussard, Hurbut, WIO, File

*See Instructions on Reverse Side



March 2, 1984

**DIVISION OF
OIL, GAS & MINING**

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

Reference: Notice of Change of Operator

Dear Mr. Stout:

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

<u>Well Number</u>	<u>API Number</u>	<u>Well Number</u>	<u>API Number</u>
J-23	415 25E 18 43-037-15500	I-14	415 29E 1 43-037-16145
F-20	415 24E 12 15707	I-16	15497
H-20	415 24E 12 15708	I-18	415 24E 12 15709
M-24	415 25E 18 15513	I-20	415 24E 12 15710
M-18	415 25E 7 15510	K-20	415 25E 7 15503
M-20	415 25E 7 15511	O-08	400 25E 27 16146
M-22	415 25E 18 15512	R-09	400 25E 33 16147
N-19 Injection	41 25E 8 15515	S-12	40 " " 16150
O-18 Injection	415 25E 8 15517	S-14	415 25E 4 16151
P-7 Injection	415 25E 8 15519	S-16	415 25E 3 16152
O-20	415 25E 8 15518	T-09	405 25E 33 16153
Q-18	415 25E 8 15521	T-11	" " " 16154
Q-20	415 25E 8 15522	U-12	" " " 16155
Q-22	415 25E 17 15323	U-14	415 25E 4 16156
C-16	415 24E 2 16266	U-16	" " " 16157
E-14	415 24E 1 16268	R-08	✓ " " 15329
E-16	415 24E 2 15616	S-05	✓ " " 15330
E-18	415 24E 11 15706	C-14	415 24E 2 16265
G-14	415 24E 1 16143	F-11	✓ " " 15617
G-16	415 24E 1 16144	G-12	✓ " " 15618
G-18	415 24E 12 15494	I-12	✓ " " 15619

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

Very truly yours,

Carol D. Dorrell

C.D. Dorrell
Section Supervisor
Western Oil Revenue

CES/tm

**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.)

<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>2. NAME OF OPERATOR Superior Oil Company</p> <p>3. ADDRESS OF OPERATOR P. O. Drawer "G", Cortez, CO 81321</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 645' FSL; 2140' FWL; Section 33</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-2057</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo</p> <p>7. UNIT AGREEMENT NAME McElmo Creek</p> <p>8. FARM OR LEASE NAME</p> <p>9. WELL NO. #S-12</p> <p>10. FIELD AND POOL, OR WILDCAT Greater Aneth</p> <p>11. SEC., T., B., M., OR BLK. AND SURVEY OR AREA Sec. 33, T40S, R25E</p> <p>12. COUNTY OR PARISH 13. STATE San Juan Utah</p>
<p>14. PERMIT NO.</p>	<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB: 4826'; GL: 4817'</p>

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

<p align="center">NOTICE OF INTENTION TO :</p> <table border="0" style="width:100%;"> <tr> <td style="width:50%;"> <p>TEST WATER SHUT-OFF <input type="checkbox"/></p> <p>FRACTURE TREAT <input type="checkbox"/></p> <p>SHOOT OR ACIDIZE <input checked="" type="checkbox"/></p> <p>REPAIR WELL <input type="checkbox"/></p> <p>(Other) <input type="checkbox"/></p> </td> <td style="width:50%;"> <p>PULL OR ALTER CASING <input type="checkbox"/></p> <p>MULTIPLE COMPLETE <input type="checkbox"/></p> <p>ABANDON* <input type="checkbox"/></p> <p>CHANGE PLANS <input type="checkbox"/></p> </td> </tr> </table>	<p>TEST WATER SHUT-OFF <input type="checkbox"/></p> <p>FRACTURE TREAT <input type="checkbox"/></p> <p>SHOOT OR ACIDIZE <input checked="" type="checkbox"/></p> <p>REPAIR WELL <input type="checkbox"/></p> <p>(Other) <input type="checkbox"/></p>	<p>PULL OR ALTER CASING <input type="checkbox"/></p> <p>MULTIPLE COMPLETE <input type="checkbox"/></p> <p>ABANDON* <input type="checkbox"/></p> <p>CHANGE PLANS <input type="checkbox"/></p>	<p align="center">SUBSEQUENT REPORT OF :</p> <table border="0" style="width:100%;"> <tr> <td style="width:50%;"> <p>WATER SHUT-OFF <input type="checkbox"/></p> <p>FRACTURE TREATMENT <input type="checkbox"/></p> <p>SHOOTING OR ACIDIZING <input type="checkbox"/></p> <p>(Other) <input type="checkbox"/></p> </td> <td style="width:50%;"> <p>REPAIRING WELL <input type="checkbox"/></p> <p>ALTERING CASING <input type="checkbox"/></p> <p>ABANDONMENT* <input type="checkbox"/></p> </td> </tr> </table> <p align="center"><small>(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small></p>	<p>WATER SHUT-OFF <input type="checkbox"/></p> <p>FRACTURE TREATMENT <input type="checkbox"/></p> <p>SHOOTING OR ACIDIZING <input type="checkbox"/></p> <p>(Other) <input type="checkbox"/></p>	<p>REPAIRING WELL <input type="checkbox"/></p> <p>ALTERING CASING <input type="checkbox"/></p> <p>ABANDONMENT* <input type="checkbox"/></p>
<p>TEST WATER SHUT-OFF <input type="checkbox"/></p> <p>FRACTURE TREAT <input type="checkbox"/></p> <p>SHOOT OR ACIDIZE <input checked="" type="checkbox"/></p> <p>REPAIR WELL <input type="checkbox"/></p> <p>(Other) <input type="checkbox"/></p>	<p>PULL OR ALTER CASING <input type="checkbox"/></p> <p>MULTIPLE COMPLETE <input type="checkbox"/></p> <p>ABANDON* <input type="checkbox"/></p> <p>CHANGE PLANS <input type="checkbox"/></p>				
<p>WATER SHUT-OFF <input type="checkbox"/></p> <p>FRACTURE TREATMENT <input type="checkbox"/></p> <p>SHOOTING OR ACIDIZING <input type="checkbox"/></p> <p>(Other) <input type="checkbox"/></p>	<p>REPAIRING WELL <input type="checkbox"/></p> <p>ALTERING CASING <input type="checkbox"/></p> <p>ABANDONMENT* <input type="checkbox"/></p>				

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

1. MIRU. POOH w/rods and pump. NU and test BOP's. POOH w/tubing. RIH w/bit, scraper, and tubing to 5750'. POOH.
2. RIH w/packer. Set packer at 5710' and test for communication between Desert Creek I and II. Reset packer at 5590' and test for communication between Ismay and Desert Creek.
 - (i) If all zones are communicated, squeeze all perms w/500 sx Class 'B' cement + additives. Drill out to 5770'. Perforate Desert Creek I and II (5607'-29'; 5644'-49'; 5655'-74'; 5682'-99'; 5717'-38'/2 JSPF).
 - (ii) If only Ismay and Desert Creek I communicated, squeeze Ismay and Desert Creek I w/400 sx Class 'B' cement + additives. Drill out to 5770'. Perforate Desert Creek I (5607'-29'; 5644'-49'; 5655'-79'; 5682'-99'/2 JSPF).
 - (iii) If there is no communication, squeeze Ismay w/300 sx Class 'B' cement + additives. Drill out cement.
3. Acidize Desert Creek I & II (5607'-5738' O/A) w/2000 gals 28% HCl. Swab back load.
4. RIH w/PC packer and PC 2-7/8" tubing.
5. RDMO

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

SIGNED David B. Jensen TITLE ENGINEER DATE 12-3-84
DAVID B. JENSEN

(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

orig file
cc R. Firth
40 S. 25 E. 33 S-12

P.O. BOX 5444
DENVER, COLORADO 80217

January 14, 1985

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

RECEIVED

FEB 0

DIVISION OF OIL
GAS & MINING

Attention: Ms. Dianne Nielson, Director

RE: NOTICES TO SUPERIOR OIL COMPANY

Dear Ms. Nielson:

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

Effective January 1, 1985, ~~Mobil Oil Corporation began acting on behalf of the Superior Oil Companies as service contractor for the purpose of performing comprehensive business management and related administrative services.~~ To this end, Superior has entered into a Services Agreement with Mobil and has issued Powers of Attorney to certain Mobil employees, whereby Mobil has agreed to perform all of Superior's obligations and duties, and shall be entitled to enforce all of Superior's rights and privileges, including but not limited to all applicable Operating Agreements and leases (see attached). This shall include, without limitation, the making and receiving of payments, the giving and receiving of notices and other information, and the performance of all other related functions. Therefore, after December 31, 1984, notices to Superior or relative to its interests, assets or obligations should designate Mobil and be mailed to:

PERMITS ONLY

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

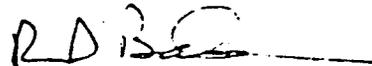
(303) 298-2577

RON

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

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

Very truly yours,



R. D. Baker
Environmental & Regulatory Manager - West

Enclosure



STATE OF UTAH
 NATURAL RESOURCES
 Oil, Gas & Mining

Scott M. Matheson, Governor
 Temple A. Reynolds, Executive Director
 Dianne R. Nielson, Ph.D., Division Director

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

January 29, 1985

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

Gentlemen:

RE: Injection Well Approvals - Cause No. UIC-049

Administrative approval is hereby granted to convert the below referenced wells to enhanced recovery water injection wells. This approval is conditional upon full compliance with the UIC rules and regulations adopted by the Board of Oil, Gas and Mining, and construction and operation of the wells as outlined in the application submitted.

MCELMO CREEK UNIT

<u>WELL #</u>	<u>LOCATION</u>	<u>COUNTY</u>
S-12	Sec. 33, T40S, R25E	San Juan
S-14	Sec. 4, T41S, R25E	San Juan
U-14	Sec. 4, T41S, R25E	San Juan
U-12	Sec. 33, T40S, R25E	San Juan

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

Best regards,

Dianne R. Nielson
 Director

mfp
 7627U

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

---ooOoo---

IN THE MATTER OF THE APPLICATION :
OF SUPERIOR OIL COMPANY FOR : CAUSE NO. UIC-049
ADMINISTRATIVE APPROVAL TO INJECT :
WATER INTO CERTAIN WELLS IN :
SAN JUAN COUNTY, UTAH, :

---ooOoo---

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

Notice is hereby given that Superior Oil Company, P.O. Drawer "G",
Cortez, Colorado, 81321 has requested administrative approval from the
Division to convert the below mentioned wells to enhanced recovery water
injection wells as follows:

McELMO CREEK UNIT

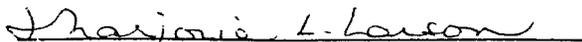
<u>WELL #</u>	<u>LOCATION</u>	<u>INJECTION INTERVAL</u>
S-12	Sec. 33, T40S, R25E	5607' to 5738'
S-14	Sec. 4, T41S, R25E	5414' to 5652'
U-14	Sec. 4, T41S, R25E	5679' to 5842'
U-12	Sec. 33, T40S, R25E	5743' to 5842'

Maximum Estimated Surface Pressure: 2800 psig
Maximum Estimated Rate: 2000 BWPD

If no objections are filed with the Division of Oil, Gas and Mining
within fifteen days after publication of this Notice, administrative
approval of this application will be granted by the Division Director.
Objections, if any, should be mailed to: Division of Oil, Gas and Mining,
355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah
84180-1203.

DATED this 27th day of December, 1984.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING


MARJORIE L. LARSON
Administrative Assistant

STATE OF UTAH
 DIVISION OF OIL, GAS, AND MINERALS
 ROOM 4241 STATE OFFICE BUILDING
 SALT LAKE CITY, UTAH 84114
 (801) 533-5771
 (RULE 1-5 & RULE 1-4)

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

IN THE MATTER OF THE APPLICATION OF
SUPERIOR OIL COMPANY
 ADDRESS P.O. Drawer "G"
Cortez, CO ZIP 81321
 INDIVIDUAL PARTNERSHIP CORPORATION
 FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
 INJECT FLUID INTO THE MCU #S-12 WELL
 SEC. 33 TWP. 40S RANGE 25E
San Juan COUNTY, UTAH

CAUSE NO. _____

ENHANCED RECOVERY INJ. WELL	<input type="checkbox"/>
DISPOSAL WELL	<input type="checkbox"/>
LP GAS STORAGE	<input type="checkbox"/>
EXISTING WELL (RULE 1-4)	<input type="checkbox"/>

APPLICATION

- Comes now the applicant and shows the Corporation Commission the following:
- That Rule 1-5 (g) (iv) authorizes administrative approval of enhanced recovery injections, disposal or LP Gas storage operations.
 - That the applicant submits the following information.

Lease Name <u>McElmo Creek Unit</u>	Well No. <u>S-12</u>	Field <u>Greater Aneth</u>	County <u>San Juan</u>
Location of Enhanced Recovery Injection or Disposal Well <u>645</u> FSL; <u>2140'</u> FWL, Sec. <u>33</u> Twp. <u>40S</u> Rge. <u>25E</u>			
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date _____	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>1560'</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		State What Oil & Gas
Location of Production wells within the Injection Source(s) <u>McElmo Creek Unit</u>	Geologic Name(s) and Depth of Source(s) <u>Ismay: 5300'</u> <u>Desert Creek: 5400'</u>		
Geologic Name of Injection Zone <u>Desert Creek</u>		Depth of Injection Interval <u>5607'</u> to <u>5738'</u>	
a. Top of the Perforated Interval: <u>5607'</u>	b. Base of Fresh Water: <u>1560'</u>	c. Intervening Thickness (a minus b) <u>4047'</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 Denver

David B. Jensen ENGINEER
 Applicant
DAVID B. JENSEN

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

Suscribed and sworn to before me this 6th day of January, 1984
Dora J. Mancoske

SEAL _____
 My commission expires 7-12-86
 Notary Public in and for State of Colorado
 (OVER)

PLEASE TYPE OR USE BLACK INK ONLY

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

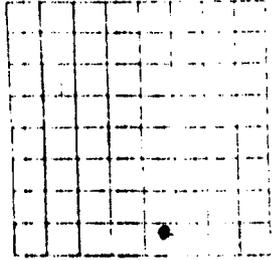
COMPLETION & TEST DATA BY PRODUCING FORMATION

DEPARTMENT OF NATURAL RESOURCES AND ENERGY

COUNTY
LEASE NO.

API NO. _____

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



Locate Well Location and Outline Lease

COUNTY San Juan SEC. 33 TWP. 41S RGE. 25E
COMPANY OPERATING Superior Oil Company
OFFICE ADDRESS P.O. Drawer "G"
TOWN Cortez STATE ZIP CO 81321
FARM NAME McElmo Creek WELL NO. #S-12
DRILLING STARTED Aug. 19 58 DRILLING FINISHED Aug. 19 58
DATE OF FIRST PRODUCTION 2-5-59 COMPLETED 8-24-58
WELL LOCATED SW ¼ SW ¼ SE ¼
645 FT. FROM SW ¼ OF ¼ SEC. & 500 FT. FROM WL OF ¼ SEC.
ELEVATION DERRICK FLOOR 4825' GROUND 4817'

TYPE COMPLETION

Single Zone _____
Multiple Zone _____
Comingled X

LOCATION EXCEPTION

OIL OR GAS ZONES

Name	From	To	Name	From	To
Ismay	5468'	5584'			
Desert Creek	5598'	5790'			

CASING & CEMENT

Casing Set			Csg. Test		Cement		
Size	Wgt.	Grade	Feet	Pl	Sax	Fillup	Top
8-5/8"	24	J-55	1493'	800	1050		Surf.
4-1/2"	9.5	J-55	5837'	1000	250		4400' (Est.)

TOTAL DEPTH 5848'

FORMATION	D.C. ZONE I	D.C. ZONE II	ISMAY
SPACING & SPACING ORDER NO.			
CLASSIFICATION (DISPOSAL WELL, ENHANCED RECOVERY, LP GAS STORAGE)	Oil	Oil	
PERFORATED	5607'-29';	5717'-5738'	5558'-5571'
INTERVALS	5644'-44';		
	5655'-74';		
	5682'-99'		
ACIDIZED?	12,6000 gals 15% HCl	2600 gals 15% HCl	3000 gals 28% HCl
	ALL PERFS:	97 bbls 28% HCl acid	
FRACTURE TREATED?			

INITIAL TEST DATA

Date
Oil, bbl./day
Oil Gravity
Gas, Cu. Ft./day
Gas-Oil Ratio Cu. Ft./Bbl.
Water-Bbl./day
Pumping or Flowing
CHOKE SIZE
FLOW TUBING PRESSURE

	D.C. I & II	ALL ZONES
Date	2-23-59	11-27-63
Oil, bbl./day	398	260
Oil Gravity	42	42
Gas, Cu. Ft./day	597,000 CF	389,000 CF
Gas-Oil Ratio Cu. Ft./Bbl.	1500	1496
Water-Bbl./day	0	11
Pumping or Flowing	Pumping	Pumping
CHOKE SIZE		
FLOW TUBING PRESSURE		

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) 863-2671 David B. Jensen
DAVID B. JENSEN, ENGINEER

Subscribed and sworn before me this 6th day of December, 19 81

My Commission expires July 12, 1986
600 17th St. Suite 1500S
Denver, Colorado 80202

Debra J. Inman

ATTACHMENT 1

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 over 4000' between the proposed injection interval and the deepest fresh water sand. Furthermore, all fresh water sands are behind 4-1/2" production casing. The 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	1560'	Shale
8-5/8" Surface Casing	1502'	
DeChelly	2746'	Sandstone
Organ Rock	2840'	Shale
Hermosa	4650'	Limestone
Ismay	5468'	Limestone
Gothic	5584'	Shale
Desert Creek	5598'	Limestone
Chimney Rock	5790'	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: --
CaCo3: 18470	CO3: -	Specific Gravity: 1.0553

Well #S-12

(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:	5.5	Ca:	17,400	SO4:	17
CL:	60,000	Mg:	6,900	H2S:	5
Fe:	2.5	HCO3:	61	Ba:	-
CaCO3:	24,300	CO3:	-	Specific Gravity:	1.068

(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 not defective wells in this area.

(10) N/A.

KB: 4826'

1502'

8-5/8", 24#, J-55 w/1050 sx

CAPACITIES (BBL/FT)

2-7/8", 6.5#: .00579
 4-1/2", 9.5#: .0162
 2-7/8"-4-1/2": .0082

2-7/8", 6.5#, J-55 tbg. w/TK-69 or
 TD-70 coating

Proposed Squeeze

Ismay: 5558'-71'

Inj. Pkr. set @ 5575'

Desert Creek I: 5607'-29'
 5644'-49'
 5655'-74'
 5682'-99'

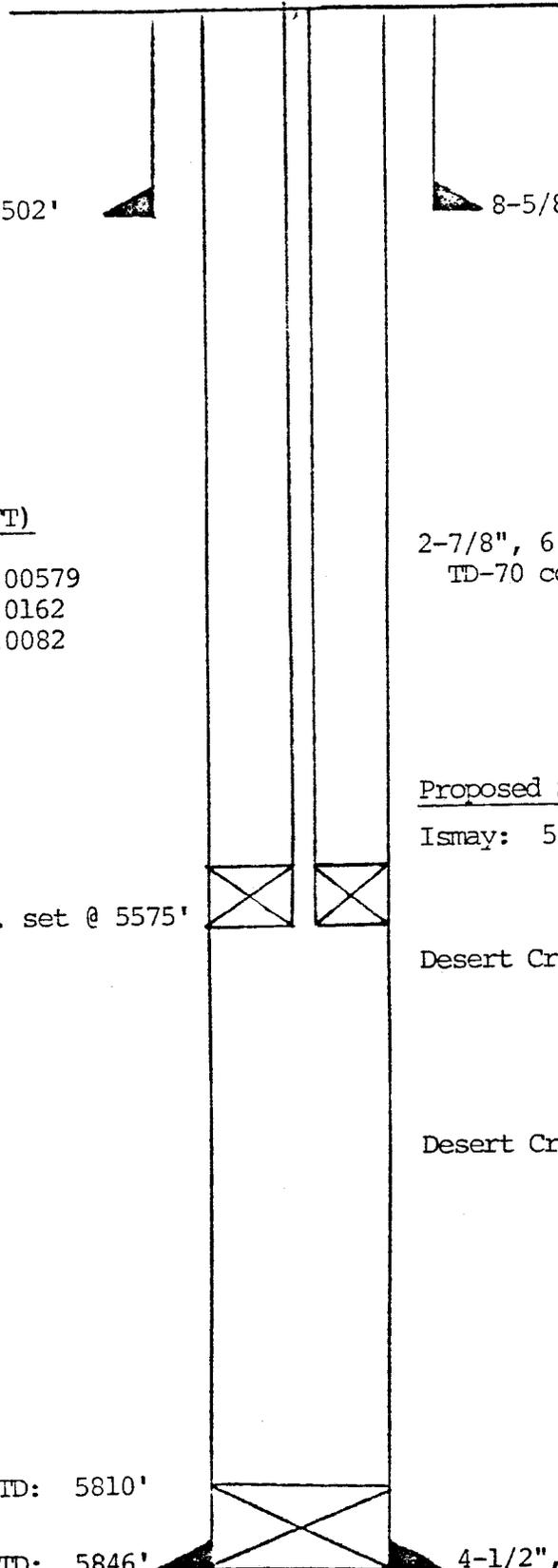
Desert Creek II: 5717'-38'

PBTD: 5810'

TD: 5846'

TD: 5848'

4-1/2", 9.5#, J-55 w/250 sx

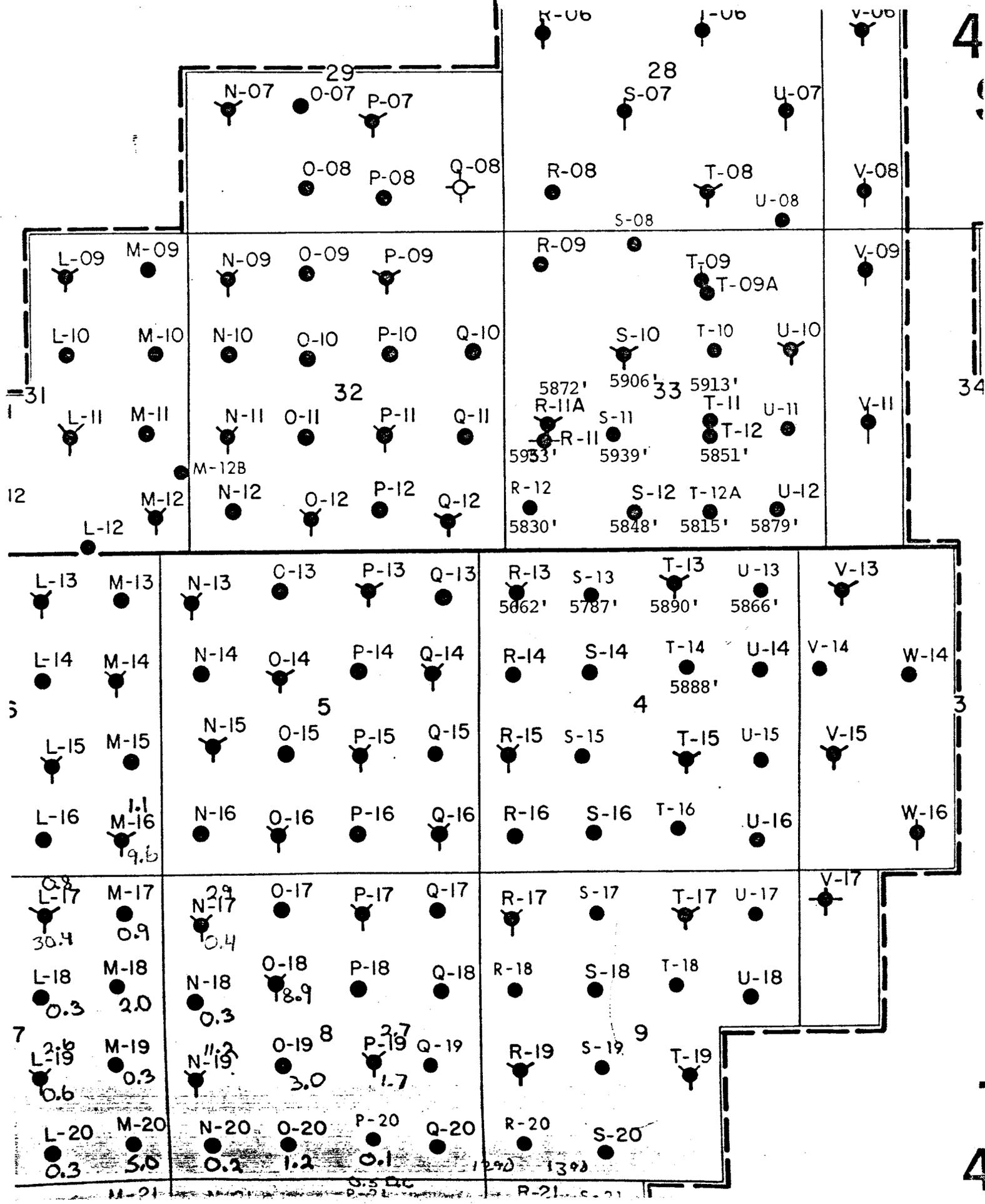


PROPOSED CLASS INJECTION WELL: S-12

T.D.: 5848'

SURFACE LANDOWNER: NAVAJO TRIBE

OPERATOR: SUPERIOR OIL COMPANY



2

FORM NO. DOGM-UIC-5
(1981)

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

RULE I-7 (d & e)

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

Check Appropriate Classification:

Date of Commencement Termination Oct 11, 1985

Disposal Well

Enhanced Recovery Injection Well

Enhanced Recovery Project

Well Name McElmo Creek Unit S.12

Location: Section 33 Twp. 40S Rng. 25E County San Juan

Order No. authorizing Injection UIC-049 Date 1/29/85

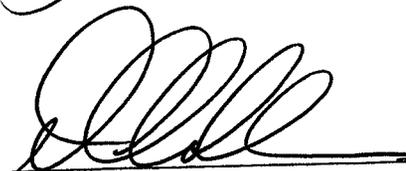
Zone into Which Fluid Injected Desert Creek Zones I & II
Isma

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

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

Operator Mobil Oil Corp. as Agent for Superior Oil

Address P.O. Drawer G, Cortez Co 81325


Signature

10/22/85
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 on reverse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>2. NAME OF OPERATOR SUPERIOR OIL COMPANY / MOBIL AS AGENT</p> <p>3. ADDRESS OF OPERATOR P. O. DRAWER 'G', CORTEZ, COLORADO 81321</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 645' FSL, 2140' FWL</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-2057</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO</p> <p>7. UNIT AGREEMENT NAME McELMO CREEK UNIT</p> <p>8. FARM OR LEASE NAME</p> <p>9. WELL NO. S-12</p> <p>10. FIELD AND POOL, OR WILDCAT GREATER ANETH</p> <p>11. SEC., T., R., M., OR B.L.K. AND SURVEY OR AREA SEC. 33, T40S, R25E, SLM</p> <p>12. COUNTY OR PARISH SAN JUAN</p> <p>13. STATE UTAH</p>
<p>14. PERMIT NO.</p>	<p>15. ELEVATIONS (Show whether DF, RT, or both) KB: 4826'</p>	<p align="center">RECEIVED NOV 04 1985 DIVISION OF OIL GAS & MINING</p>

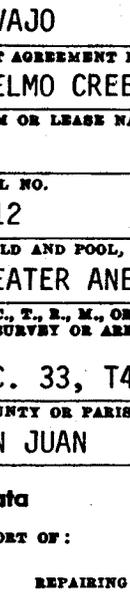
16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

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

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

- 09-28-85: POOH w/ rods, pump and tubing.
- 09-30-85: RIH w/ bit and scraper. POOH.
- 10-01-85: RIH w/ tbg and pkr. Set pkr @ 5710' to test for communication. Zones communicated. Reset pkr @ 5590'. Perfs communicated again. POOH. Set retainer @ 5504'. Tested casing to 1000 psi. OK.
- 10-02-85: Pressured csg to 1000 psi. Squeezed all perfs w/ 352 sx Class 'B' cmt to 3000 psi. POOH. RIH w/ mill and scraper.
- 10-03-85: Milled up retainer. POOH. RIH w/ bit and DO 180' cmt.
- 10-04-85: DO remainder of cmt to 5823'. Tested to 1000 psi - OK. POOH. Perforated 5607-29', 5644-49', 5655-74', 5682-99', and 5717-38' at 2-1/2" JPF.
- 10-07-85: RIH w/ pkr and set @ 5595. Treated w/ 2000 gal 28% HCl and 4500 gal retarded 28% HCl in five stages using salt plugs in gelled LSW for diversion.
- 10-08-85: Swabbed well. Rec. 175 bbls, ending cut 25% oil.
- 10-09-85: Contined swabbing. Rec. 155 bbls, ending cut 25% oil.
- 10-10-85: POOH w/ tbg and pkr. Hydrotested in hole w/ 2-3/8", 4.7#, J-55, EUE PA 400 tbg. Set Trump pkr @ 5512'. Tested casing to 1000 psi - OK. RDMO.
- 10-11-85: Placed well on injection.

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

SIGNED  TITLE Sr. Staff Op. Engineer DATE 10-28-85

D. C. Collins

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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

14

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____
 b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other Convert

2. NAME OF OPERATOR
Mobil Oil Corporation as agent for Superior Oil

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)*
At surface 645' FSL, 2140' FWL

At top prod. interval reported below
At total depth _____

RECEIVED
NOV 04 1985
DIVISION OF OIL
GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.
14-20-603-2057

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo

7. UNIT AGREEMENT NAME
McElmo Creek Unit

8. FARM OR LEASE NAME

9. WELL NO.
S-12

10. FIELD AND POOL, OR WILDCAT
Greater Aneth

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 33, T40S, R25E, SLM

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

15. DATE SPUDDED 08-03-58
16. DATE T.D. REACHED _____
17. DATE COMPL. (Ready to produce) 10-10-85
18. PRODUCTIONS (DF, RKB, RT, GR, ETC.)* KB: 4826'

20. TOTAL DEPTH, MD & TVD 5848'
21. PLUG, BACK T.D., MD & TVD 5823'
22. IF MULTIPLE COMPL., HOW MANY* -
23. INTERVALS DRILLED BY _____
24. ROTARY TOOLS 5848'
25. CABLE TOOLS -

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
5607-99' - Desert Creek Zone I 5717-38' - Desert Creek Zone II

25. WAS DIRECTIONAL SURVEY MADE -

26. TYPE ELECTRIC AND OTHER LOGS RUN _____
27. WAS WELL CORED _____

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"		5512'

31. PERFORATION RECORD (Interval, size and number)
5607-29', 5644-49', 5655-74', 5682-99' and 5717-38'. All two 1/2" JPF

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5558-5738'	352 sx Class 'B' cement
5607-5738'	6500 gal 28% HCl

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
		Injecting					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

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

35. LIST OF ATTACHMENTS _____

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED [Signature] TITLE Staff Op Engr DATE 10/28/85

*(See Instructions and Spaces for Additional Data 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

Attn: R. J. Firth
Associate Director

RECEIVED
MAY 16 1986

DIVISION OF
OIL, GAS & MINING

SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

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

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

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

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

Very truly yours,



R. D. Baker
Environmental Regulatory Manager

CNE/rd
CNE8661

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

PROPERTY NAME	WELL NAME	COUNTY	STATE	SEC	TWNSHP	RNG	WELL TYPE	API NUMBER	FEDERAL LEASE NUMBER	STATE NUMBER	UNIT NUMBER
MC ELMO CREEK	R15	SAN JUAN	UT	NW	SW	04-41S-25E	INJ OP	43-037-05670	14-20-603-2057		96-004190
	R15-1	SAN JUAN	UT	NW	SW	04-41S-25E	INJ SI	43-037-05670	14-20-603-2057		96-004190
	S-10 ✓	SAN JUAN	UT	SE	NW	33-40S-25E	INJ OP	43-037-05757	14-20-603-2057		96-004190
	S-12 ✓	SAN JUAN	UT	SE	SW	33-40S-25E	INJ OP	43-037-16150	14-20-603-2057		96-004190
	S-14 ✓	SAN JUAN	UT	SE	NW	04-41S-25E	INJ OP	43-037-16151	14-20-603-2057		96-004190
	T-08 ✓	SAN JUAN	UT	SW	SE	28-40S-25E	INJ OP	43-037-05793	14-20-603-2048-A		96-004190
	T-13	SAN JUAN	UT	NW	NE	04-41S-25E	INJ OP	43-037-05714	14-20-603-2057		96-004190
	T-15 ✓	SAN JUAN	UT	NW	SE	04-41S-25E	INJ OP	43-037-05660	14-20-603-2057		96-004190
	T-17 ✓	SAN JUAN	UT	NW	NE	09-41S-25E	INJ OP	43-037-05614	14-20-603-359		96-004190
	T-19 ✓	SAN JUAN	UT	NW	SE	09-41S-25E	INJ OP	43-037-15981	14-20-603-359		96-004190
	U-10 ✓	SAN JUAN	UT	SE	NE	33-40S-25E	INJ OP	43-037-05761	14-20-603-2057		96-004190
	V-06 ✓	SAN JUAN	UT	SW	NW	27-40S-25E	INJ OP	43-037-16382	14-20-603-2048-A		96-004190
	V-13 ✓	SAN JUAN	UT	NW	NW	03-41S-25E	INJ OP	43-037-05706	14-20-603-2057		96-004190
	V-15 ✓	SAN JUAN	UT	NW	SW	03-41S-25E	INJ OP	43-037-05669	14-20-603-2057		96-004190
	NAV TRACT 125	28-23 ✓	SAN JUAN	UT	NE	SW	28-41S-25E	INJ OP	43-037-30511		
WHITE MESA	2-21 ✓	SAN JUAN	UT	NE	NW	2-42S-24E	INJ OP	43-037-15534	14-20-603-259		96-004193
	3-12 ✓	SAN JUAN	UT	SW	NW	3-42S-24E	INJ OP	43-037-15366	14-20-603-410		96-004193
	3-21 ✓	SAN JUAN	UT	NE	NW	3-42S-24E	INJ OP	43-037-15363	14-20-603-410		96-004193
	3-23 ✓	SAN JUAN	UT	NE	SW	3-42S-24E	INJ TA	43-037-16447	14-20-603-410		96-004193
	4-14 ✓	SAN JUAN	UT	NE	SE	4-42S-24E	INJ OP	43-037-16448	14-20-603-410		96-004193
	4-21 ✓	SAN JUAN	UT	NE	NW	4-42S-24E	INJ OP	43-037-15364	14-20-603-410		96-004193
	4-32 ✓	SAN JUAN	UT	SW	NE	4-42S-24E	INJ OP	43-037-15365	14-20-603-410		96-004193
	4-34 ✓	SAN JUAN	UT	SW	SE	4-42S-24E	INJ OP	43-037-16449	14-20-603-410		96-004193
	4-41 ✓	SAN JUAN	UT	NE	NE	4-42S-24E	INJ OP	43-037-16446	14-20-603-410		96-004193
	4-45 ✓	SAN JUAN	UT	NE	SE	4-42S-24E	INJ OP	43-037-15369	14-20-603-410		96-004193
	10-41 ✓	SAN JUAN	UT	NE	NE	10-42S-24E	INJ SI	43-037-16450	14-20-603-410		96-004193
	22-23 ✓	SAN JUAN	UT	NE	SW	22-42S-24E	INJ SI	43-037-16438	14-20-603-355A		96-004193
	22-32 ✓	SAN JUAN	UT	SW	NE	22-41S-24E	INJ SI	43-037-15759	14-20-603-355A		96-004193
	22-42 ✓	SAN JUAN	UT	SW	SE	22-41S-24E	INJ SI	43-037-16437	14-20-603-355A		96-004193
	28-34 ✓	SAN JUAN	UT	SW	SE	28-41S-24E	INJ SI	43-037-16441	14-20-603-409		96-004193

STATE OF UTAH
 DIVISION OF OIL, GAS, AND MINING
 ROOM 4241 STATE OFFICE BUILDING
 SALT LAKE CITY, UTAH 84114
 (801) 533-5771
 (RULE 1-5 & RULE 1-4)

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

IN THE MATTER OF THE APPLICATION OF
SUPERIOR OIL COMPANY
 ADDRESS P.O. Drawer "G"
Cortez, CO ZIP 81321
 INDIVIDUAL PARTNERSHIP CORPORATION
 FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
 INJECT FLUID INTO THE MCU #S-12 WELL
 SEC. 33 TWP. 40S RANGE 25E
San Juan COUNTY, UTAH

CAUSE NO. _____

ENHANCED RECOVERY INJ. WELL	<input type="checkbox"/>
DISPOSAL WELL	<input type="checkbox"/>
LP GAS STORAGE	<input type="checkbox"/>
EXISTING WELL (RULE 1-4)	<input type="checkbox"/>

*43037
16150*

APPLICATION

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

1. That Rule 1-5 (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 Unit</u>	Well No. <u>S-12</u>	Field <u>Greater Aneth</u>	County <u>San Juan</u>
Location of Enhanced Recovery Injection or Disposal Well <u>675'</u> FSL; <u>2140'</u> FWL Sec. <u>33</u> Twp. <u>40S</u> Rge. <u>25E</u>			
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date _____	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>1560'</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		State What Oil & Gas
Location of Production wells within the Injection Source(s) <u>McElmo Creek Unit</u>	Geologic Name(s) and Depth of Source(s) <u>Ismay: 5300'</u> <u>Desert Creek: 5400'</u>		
Geologic Name of Injection Zone <u>Desert Creek</u>		Depth of Injection Interval <u>5607'</u> to <u>5738'</u>	
a. Top of the Perforated Interval: <u>5607'</u>	b. Base of Fresh Water: <u>1560'</u>	c. Intervening Thickness (a minus b) <u>4047'</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 Denver

David B Jensen ENGINEER
 DAVID B. JENSEN

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

Suscribed and sworn to before me this 6th day of February, 1984
Debra J. Hancock

SEAL _____
 My commission expires 7-12-86

Notary Public in and for State of Colorado

Converted 10/85 ✓

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

OPERATOR: MEPNA

FIELD: Greater Aneth LEASE: McElmo Creek

WELL # S-12 P-9 Navajo Tribe SEC. 33 TOWNSHIP 40S RANGE 25E

STATE FED. FEE DEPTH 5848 TYPE WELL INJW MAX. INJ. PRESS. 2800 psig
PBTD 5810 2000 BWPD

TEST DATE 9/9/86 water tracer log run 3/23/86

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>	<u>8 5/8</u>	<u>1493</u>	<u>1050 SX</u>	<u>0</u>	<u>Bradenhead</u>	
<u>INTERMEDIATE</u>						
<u>PRODUCTION</u>	<u>4 1/2</u>	<u>5837</u>	<u>250 SX</u>	<u>0</u>	<u>Coaming</u>	
<u>TUBING</u>	<u>2 7/8</u>			<u>1800#</u>		

Packer set at 5575'

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

14-20-603-2057

6. If Indian, Allottee or Tribe Name

Navajo Tribal

7. If Unit or CA, Agreement Designation

McElmo Creek Unit

8. Well Name and No.

S-12

9. API Well No.

43-037-16150

10. Field and Pool, or Exploratory Area

Greater Aneth

11. County or Parish, State

San Juan, Utah

SUBMIT IN TRIPLICATE

OCT 18 1990

1. Type of Well

Oil Well Gas Well Other Injection Well

2. Name of Operator

MOBIL OIL CORPORATION

3. Address and Telephone No. % MOBIL EXPLOATION & PRODUCING U.S. INC.

P.O. BOX 633, MIDLAND, TX 79702

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

645' FSL 2140 FWL Sec. 33, T40S R25E

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

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

Conversion to CO₂
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

- 9-28-90 MIRU Install New tbg head Press test to 1200# psi/Held/OK POOH w/tbg & pkr
- 9-29-90 Drill out iron sulfide fill to PBTD circ hole clean
- 10-02-90 Acdz D.C. Zone I perms w/6200 gals 15% HCL w/add.
- 10-04-90 RIH w/tbg & pkr set @5508' press test csg to 1000# psi/Held/Ok/30 min
- 10-05-90 RDMO

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

Signed Shelby Dadd (915) 688-2585

Title

MOBIL EXPLOATION & PRODUCING U.S. INC.
AS AGENT FOR MOBIL OIL CORPORATION

Date 10-15-90

(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.

*See instruction on Reverse Side

PROPOSED WORKOVER PROCEDURES
McELMO CREEK UNIT
S-12
SAN JUAN COUNTY, UTAH

LOCATION: 645' FSL, 2140' FWL, SEC.33, T40S, R25E

ELEVATION: GL: 4816' DF: 4825'

CURRENT STATUS: WAG injection well injecting 870 BWP, 43% into Ismay thief. CO2 injection has been delayed until thief zone is eliminated.

PLAN: Squeeze thief zone w/ Halliburton elastomer cement system.

PERTINENT DATA: See attached wellbore diagram, well history sheet. See procedures for netting/lining of pits. EPA and AFE approval required prior to commencing workover.

AFE#/AFE AMT: N/A / \$61M

PRISM ID: 0000400

CODING: 1699-16073-00-CL-SC-02-00-29-AFE#

PROCEDURE:

- 1) MIRU DDFU. Net all pits over 16' diameter. Line workover pits that are dug. MI 2 - 400 bbl tanks. Load 1 tank w/ brine water, 1 tank w/ fresh water.
- 2) MI Baker Oil Tools. PU and close downhole shut-off valve, and get off on/off tool. Circulate brine kill fluid. Latch on/off tool and open valve. If well won't die, contact engineering for snubbing procedures.
- 3) ND WH, NU BOP's. Ensure BOP's have been tested and certified. Install all bolts on adaptor. RU Cyclone services (or other torque/turn tongs w/ full diameter backup and grip). Release Baker 4-1/2" inverted lok-set packer and POOH w/ 178 jts 2-3/8" plastic coated tbq. Send packer + shut-off valve + on/off tool to Baker yard for pressure testing. Notify Engineering of results from tool pressure test.
- 4) PU 2-3/8" workstring. RIH w/ workstring + bit + scraper for 4-1/2", 9.5# casing. Cleanout to PBTD @ 5818' and circulate clean. POOH.
- 5) PU and RIH w/ CIBP (top drill type). Set @ +/- 5580'. POOH. PU 4-1/2" squeeze packer + SN + 2-3/8" workstring and RIH to 5100'. Circulate brine water to clean hole. Set packer and test casing to 1500 psi. Drop standing valve and pressure test tbq to 5000 psi. Fish standing valve.
- 6) RU Halliburton. Squeeze Ismay perms from 5558'-5571' as follows:

MCU S-12

Page 2

- a) establish injection rate w/ brine @ 3 BPM
 - b) pump 1.5 bbl fresh water
 - c) pump 8 bbls of FDP-C478J (Halliburton Elastomer Cement) at 3 BPM. Drop 1, 7/8" RCN ball sealer after each 1/4 bbl. Use a total of 32 ball sealers having specific gravity of 1.1.
 - d) pump 1.5 bbl fresh water. Finish displacement w/ brine water
 - h) ball out perfs to a maximum pressure of 4000 psi
 - i) if ball out is successful, equalize pressure across packer and reverse out @ 1.5 BPM while holding 1000 psi backpressure on tubing.
 - j) if ball out is NOT successful (no pressure lockup), reverse circulate tubing with a maximum backpressure not to exceed treatment ISIP.
 - k) Shut-in well overnight with treatment ISIP for wellhead pressure.
- 7) Bleed off wellhead pressure. POOH w/ workstring and treating packer. PU FCD bit + stabilizers + 2-3/8" workstring and RIH (NOTE: FCD bit will probably drill Elastomer Cement better than with a roller bit). Drill out squeeze to CIBP +/- 5578'. Pressure test squeeze to 500 psi for 10 minutes. If pressure holds, drill out CIBP and POOH.
- 8) PU same Baker downhole equipment on 2-3/8" cement lined tbq. RIH making up tbq w/ torque/turn (or any full grip tong). Make-up requirements are 730-910 ft-lbs torque. Set packer in neutral @ +/- 5530'. Load backside and pressure test to 1000 psi for 30 minutes with no more than 5% leak-off acceptable. If pressure test is good, get off on-off tool and circulate fresh water mixed w/ 2 drums Tretolite packer fluid. Latch on-off tool, open valve. ND BOP's, NU wellhead. Turn well over to production.
- 9) Fill out Utah Tax Credit form and submit to Tiny Higman, Cortez office. Notify Ernie Thomas (565-2208). ER tech, Cortez to perform MIT test for EPA.

T. Wayne McPherson
T. Wayne McPherson

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.
14-20-603-2057

6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

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

8. Well Name and No.
S-12

9. API Well No.
43-037-16150

10. Field and Pool, or Exploratory Area
GREATER ANETH

11. County or Parish, State
SAN JUAN, UT

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other INJECTION WELL

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)

645' FSL 2140 FWL SEC. 33, T40S, R25E

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 EMERGENCY SQUEEZE/
CASING LEAK
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

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

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

SEE ATTACHMENT

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

DATE: 9-22-92

BY: JRM

RECEIVED

SEP 21 1992

DIVISION OF
OIL GAS & MINING

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

Signed Shirley Todd SHIRLEY TODD

Title ENV. & REG. TECHNICIAN

Date 9-17-92

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

SUPPLEMENTAL SQUEEZE PROCEDURE
McELMO CREEK UNIT
S-12
SAN JUAN COUNTY, UTAH

PROCEDURE:

- 1) RIH w/ 4-1/2" tension set packer on 2-7/8" workstring. Set packer @ 1000'. Pressure test annulus to 1000 psi and hold for 30 minutes. 50 psi or less leak-off is acceptable. Continue moving packer until casing leak is located and isolated. POOH.
- ** Contact Ken Lingo, EPA representative in Farmington, NM. prior to temp logs and squeeze. EPA must witness these operations.
- 2) Leave well SI 12 hrs. RU Jet West wireline. Run Temp/Gamma Ray log from 5500' to surface. Logging speed 30-50 ft/min. Scale 2" per 100 ft depth and 1 degree F per inch horizontal. Log must contain absolute and differential temperatures with gamma ray in left hand track.
- 3) PU and RIH w/ 4-1/2" CIBP and set +/- 20' below casing leak.
- 4) RU Halliburton. Mix 50 sx class G cement and spot balanced plug across casing leak. PUH 3 stands. Close rams and hesitate squeeze. Max squeeze pressure is 500 psi. SI well with squeeze pressure and WOC.
- 5) Drill out cement and test squeeze to 1000 psi for 30 minutes. 50 psi or less leak-off acceptable. Finish drilling out CIBP and POOH. Leave well SI for 12 hrs minimum.
- 6) Run Temp/Gamma ray log as in step 2. Leave well SI 12 more hrs. Run third Temp/Gamma ray log (second after squeeze) as in step 2.
- 7) Continue w/ workover operation.

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

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Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.
14-20-603-2057

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

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

8. Well Name and No.
S-12

9. API Well No.
43-037-16150

10. Field and Pool, or Exploratory Area
GREATER ANETH

11. County or Parish, State

SAN JUAN, UT

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other **INJECTION WELL**

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)

645' FSL 2140 FWL SEC.33, T40S, R25E

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

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

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

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

- 9-14-92 MIRU NU BOP CIRC. HOLE W/FW.
- 9-15-92 POH W/TBG. TAG FILL @5695'.
- 9-16-92 SET CIBP @5580'. SET PKR @5170 PRESS. CSG TO 1500# LEAKED OFF.
- 9-17-92 SET 7 CMT RET. W/35' OF PVC TAIL PIPE SET TAIL @ BOTTOM PERF 5571'. PUMP 10 BBLs FW AHEAD THEN 8 BBLs ELASTOMER CMT SLURRY W/20.5 BBLs DISPLACEMENT IN 8 HESITATION STAGES. MAX 850 PSI STABILIZED @ 550 PSI. STUNG OUT OF RET. DUMPED .5 BBLs CMT ON RET. PRESS. CSG TO 400 PSI.
- 9-18-92 400 PSI BLED OFF. KEN LINGO W/EPA WAS ON LOCATION. PRESS. CSG TO 1000 PSI BLED TO 850 PSI IN 5 MIN BLED OFF. RAN GAMMA & TEMP LOG FROM 5532-SURF. RIH W/PKR LOCATED LEAK 5506-5532'.
- 9-21-92 TAG CMT RET. AND DRILL OUT.
- 9-22-92 DRILL OUT ELASTOMER CMT TO TOP OF CIBP @5594'. PRESS CSG TO 1000 PSI BLED OFF TO 350 PSI IN 30 MIN.
- 9-23-92 DRILL OUT CIBP @5594' RIH TO FILL @5695'. SET PKR @5507.
- 9-24-92 CIRC. PKR FLUID. PRESS TEST CSG TO 1000 PSI/HELD/OK/30 MIN/ RDMO.

RECEIVED

OCT 13 1992

DIVISION OF
OIL, GAS & MINING

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

Signed Shirley Good

Title Env. & Reg. Technician

Date 10-2-92

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.
14-20-603-2057

6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

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

8. Well Name and No.
S-12

9. API Well No.
43-037-1615D

10. Field and Pool, or Exploratory Area
GREATER ANETH

11. County or Parish, State
SAN JUAN, UT

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other INJECTION WELL

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)

645' FSL, 2140' FWL SEC.33, T40S, R25E SESW

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

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

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

SEE ATTACHMENT

RECEIVED

FEB 14 1994

DIVISION OF
OIL GAS & MINING

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

DATE: 2-15-94

BY: [Signature]

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

Signed

Shirley Todd

SHIRLEY TODD

Title ENV. & REG. TECHNICIAN

Date 02-09-94

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

McElmo Creek Unit S-12
Workover Procedure

1. Dig, line and fence a 100+ bbl earth pit or MI 100+ bbl flat bottom open top tank with gas vent line. MIRU coiled tubing unit with 1-1/4" coiled tubing. MI Standby Safety Services (303/565-6391) having 5 Scott 30 minute airpicks, five minute escape packs for all coiled tubing/acid stimulation crew, personal H2S monitors for all personnel on location, and one safety man. Acid stimulation company to provide eye wash station. Hook up coiled tubing injection pump to water injection line. Lay flow line from wing valve to a choke manifold having two adjustable chokes. Lay flowline from choke manifold to earth pit or flat bottom tank. Stake and chain flowline down. FT coiled tubing to 6000 psi using injection water.
2. RIH with 1-1/4" coiled tubing with perforation wash nozzle and CO to PBTD at 5827' using injection water at maximum circulating rate at maximum circulating pressure of 5000 psi. Spot 5 bbls of xylene across perforations. POH. If unable to CO fill using injection water, attempt to clean out fill using 10 bbl of 15 percent HCL acid containing 2 gals/mgals corrosion inhibitor, and 10 lbs/mgals iron sequestering agent, neutralizing any unspent acid that returns to pit. If unsuccessful in cleaning well out, POH, RIH with 1-3/4" dynadrill on 1-1/4" coiled tubing and drill out fill. POH.
3. MIRU wireline unit with lubricator. POH. Turn off all radios/cellular telephones on location and post warning signs for radio/cellular telephone silence at all roads within 100 yards of location. RIH with 1-11/16" magnetically decentralized hollow steel carrier perforating guns loaded with 3.2 gram RDX charges at 4 SPF, 0 degree phasing and perforate 5600'-5630', 5642'-5700', and 5717'-5770'. POH. RDMO wireline.
4. RU coiled tubing. Pickle coiled tubing with 3 bbls of 15 percent HCL acid, reverse out to pit or tank and neutralize. RIH with 1-1/4" coiled tubing with perforation wash nozzle. Displace xylene with fresh water. Wash perforations shot in previous step without taking returns using 2 bbls/ft of 15 percent HCL acid. NOTE: All acid pumped into well to contain 2 gals/mgals corrosion inhibitor, and 10 lbs/mgals iron sequestering agent. Pump rate should be maximum injection rate at 5000 psi surface injection pressure. Overdisplace acid using fresh water. POH. RDMO coiled tubing unit and all surface equipment.
5. Pump out tank or pit and backfill as necessary. Turn well over to production leaving well shut in.

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

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Use "APPLICATION FOR PERMIT - " for such proposals

5. Lease Designation and Serial No.
14-20-603-2057

6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

SUBMIT IN TRIPPLICATE

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

1. Type of Well

Oil Well Gas Well Other

8. Well Name and No.

MCELMO CREEK UN S-12

2. Name of Operator

MOBIL EXPLORATION & PRODUCING US, AS AGENT FOR MOBIL OIL CORPORATION

9. API Well No.

43-037-16150

3. Address and Telephone No.

P. O. BOX 633, MIDLAND, TX 79702 (915) 688-2585

10. Field and Pool, or exploratory Area
GREATER ANETH

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

645' FSL, 2140' FWL; SEC. 33, T40S, R25E

11. County or Parish, State

SAN JUAN UT

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

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

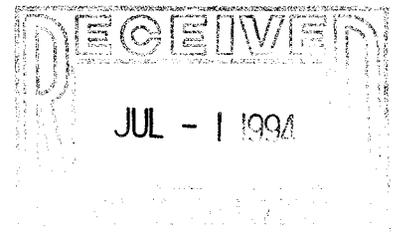
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)*

06/15/94 MIRU. PERF 5717-5770' W/6 JSPF

06/22/94 PUMPED 5 BBLS XYLENE AND WAIT 1 HOUR. PUMPED 119 BBLS 15% HCL ACID.

✓ 06/23/94 FINISHED PUMPING 163 BBLS 15% HCL ACID + ADDITIVES. PUMPED FLUSH AND 50 BBLS OVERFLUSH.



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

Signed *D. Irvine for Shirley Judd* Title **ENV. & REG. TECHNICIAN**

Date **✓ 06/28/94**

(This space for Federal or State office use)

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

Date **tax credit 8/8/94**

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.

STATE OF UTAH
INVENTORY OF INJECTION WELLS

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

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

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

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

Other
OPER NM CHG _____

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

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

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

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

4. Highlights of Conversation: _____

OPERATOR NAME IS BEING CHANGED FROM M E P N A (MOBIL EXPLORATION AND PRODUCING NORTH AMERICA INC) TO MOBIL EXPLOR & PROD. THE NAME CHANGE IS BEING DONE AT THIS TIME TO ALLEVIATE CONFUSION, BOTH IN HOUSE AND AMONGST THE GENERAL PUBLIC.

*SUPERIOR OIL COMPANY MERGED INTO M E P N A 4-24-86 (SEE ATTACHED).

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

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

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

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

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

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

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

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

Name: <u>** SEE ATTACHED **</u>	API: <u>037-16150</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

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

ENTITY REVIEW

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

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

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

FILMING

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

FILING

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

COMMENTS

950803 LIC F5/Not necessary!

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.

14-20-603-2057

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 S-12

9. API Well No.

43-037-16150

10. Field and Pool, or exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN UT

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

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

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

3. Address and Telephone No.

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

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

(SE/SW) 645' FSL & 2140' FWL
SEC. 33, T40S, R25E

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

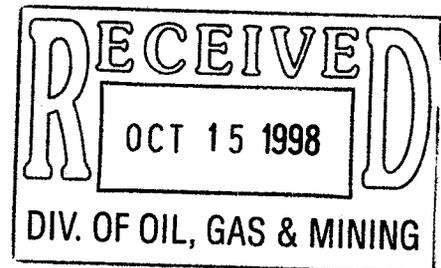
- Abandonment Change of Plans
 Recompletion New Construction
 Plugging Back Non-Routine Fracturing
 Casing Repair Water Shut-Off
 Altering Casing Conversion to Injection
 Other WORKOVER Dispose Water
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

SEE ATTACHED PROCEDURE / REPAIR ANNULAR PRESSURE

COPY SENT TO OPERATOR
Date: 10-23-98
Initials: CHD

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



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

Signed Shirley Houchins Title SHIRLEY HOUCHINS, ENV. & REG. TECH Date 10-13-98

(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

Sundry Notice Procedure
McElmo Creek Unit #S-12
Repair Annular Pressure

I. Workover Procedure

1. RU slickline and run 1.81" plug in profile of on/off tool. RD slickline.
2. Pressure up on tubing to test tbg and on/off tool. Test tbg and annulus to 1000 psi. *After evaluating all the potential mechanical leak sources, J-off on/off tool and circulate the appropriate kill fluid. J-on on/off tool.*
3. ND wellhead and RU BOP's and test using chart.
4. Unset pkr and circulate kill fluid to ensure well is dead. POH w/ IPC tbg and packer.
5. PU 2 3/8" workstring and bit and clean out to 5827'.
6. PU 4 1/2" RTBP and packer and RIH. Set RTBP at 5504' and leave pkr swinging. Test casing to 1000 psi.

If casing leaks, move pkr up hole to 4000' and test interval between pkr and RTBP along with the annulus. Continue until leak is isolated. Obtain injection rate into the leak and make plans to squeeze the leak. Continue to step 7.

If casing holds, RU Campbell Testers to hydrotest IPC tubing using nitrogen RBIH. Continue to step 9.

Casing Leak Repair

7. If casing **leaks**, consider running inspection log if injection rate is below 1/4 bpm. **See step 11 to TA well.** POH w/ pkr and dump bail 20 ft of sand on top of RTBP. RIH w/ pkr and set 50 ft above leak. Use slurry below for sqz job, however, if the injection rate is below 1/4 bpm, a micro-cement slurry should be used instead. (This can be done with a retainer in lieu of a packer).

Cement Slurry: 25 sx Class 'B' + 0.1% D65 (dispersant)

Confer with Wendy Storbeck on volumes before job.

Density: 15.6 ppg
Yield: 1.19 ft³/sk

- A) With pkr set, begin pumping 5 bbl fresh water ahead of cement slurry.
- B) Pump 15 sx (1 bbl for inside of casing and 2 bbl for behind pipe)
- C) Begin pumping fresh water displacement down to top of pkr, 0.00387 bbl/ft.
- D) Unset pkr and to reverse circulate cmt. PU 2 stands and shut down for 1 hour. Continue to wash down reversing out cement and without allowing cement to develop compressive strength. This should minimize nodes that develop on the casing wall and improve squeeze success.
- E) Wash down to top of RTBP, reversing out sand. POH w/pkr and PU retrieving tool for RTBP.

8. RIH w/ retrieving tool on workstring and unset RTBP and POH. PU gage ring and RIH on workstring.

Running New Packer

9. PU new UNI-SIX injection pkr with on/off tool (use pump out plug in mule shoe), and RIH to set at 5504'. Hydrotest tbg going in hole. *Test to 3500 psi. Call Navajo EPA to get them on location to witness MIT. Document the occurrence and results of all conversations in morning reports.*
10. J-off on/off tool and circ pkr fluid. J-on on/off tool and ND BOP's and NU wellhead spacing out as needed. Pump out plug in pkr.
11. Test again down annulus to 1000 psi. Run MIT test and chart. Send original to Sue Mosley and keep copy for records.

Temporarily Abandoning well

12. To TA well, POH w/ RTBP and PU CIBP. RIH and set 50 ft above top of leak. Dump bail 1 sx of cement on top of CIBP. Lay down all equipment and Run MIT test and chart.
13. RDMO.

McElmo Creek Unit #S-12

Current

API#: 43-037-16150
 645' FSL & 2140' FWL
 Sec. 33, T40S, R25E
 Prism#: 0000400
 Loc Code: 16073

8 5/8"/24#/J55 @1502'
 cmt w/ 1050 sx; circ to surf

Brief History

- 8/8/58-Drilled completed
- 1971- Added Ismay perfs
- 9/85- Zones communicated all perfs sqzd; reperf as noted below & acdz; inj pkr @ 5512'
- 10/90-POH w/equip; CO iron sulfide to 5635'; acdz zone I perfs only
Install new tbg head
- 9/92- Sqz Ismay perfs; Find leak from 5506-32'; Run GR/temp survey w/ anomalie from 550-710'; questionable success of elastomer cmt; Set pkr @ 5507'; held 1000#
- 11/92-CO fill and mill to 5827'; Sqz from 5504-78'; Set pkr @ 5504'; held 1000#.
- 6/94-Re-perf w/ thru tbg gun as noted; left 1-10' piece & 1-2' piece of strip gun in hole; acdz perfs

178 jts 2 3/8"/4.7#/J55/8rd,
 SC850 PC tbg
 Baker on/off tool (1.81" profile)
 Baker DHSV
 Baker Inv Lok-Set pkr @ 5504'

Baker Lok-Set pkr
 @ 5504'

Perfs 5558-5571'

Re-perf'd 9/85

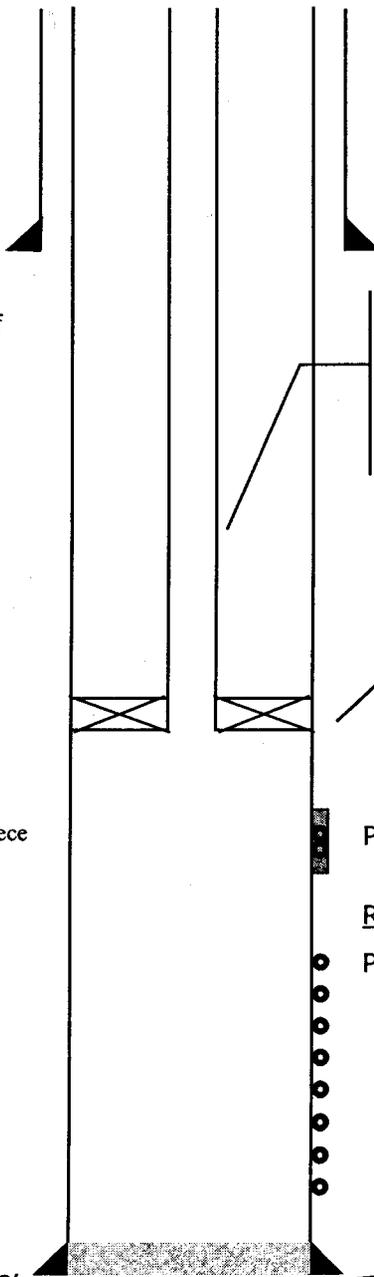
Perfs (2spf)
 5607-29',
 5644-49',
 5655-74',
 5682-99',
 5717-38'

Added 6/94
 6 spf
 5600-30'
 5642-5700'
 5717-70'

PBTD @ 5827'

TD @ 5848'

4 1/2"/9.5#/J55/LT&C @ 5848' cmtd
 w/250 sx;calc TOC @ 4354'



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

5. Lease Designation and Serial No.

14-20-603-2057

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 S-12

9. API Well No.

43-037-16150

10. Field and Pool, or exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN UT

SUBMIT IN TRIPLICATE

f. Type of Well

Oil Well Gas Well Other *WW*

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
(SE/SW) 645' FSL & 2140' FWL
SEC. 33, T40S, R25E

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

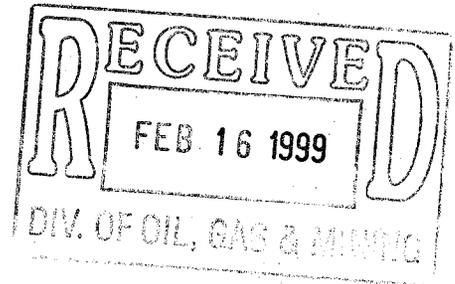
Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other **WORKOVER**

Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

SEE ATTACHED WORKOVER 12-07-98 -- 12-14-98.

PASSED MIT & CHART WILL BE SENT UPON RECEIPT FROM NAVAJO EPA.



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

Signed *Shirley Houchins* Title **SHIRLEY HOUCHINS, ENV. & REG. TECH** Date **2-10-99**

(This space for Federal or State office use)

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

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

* See Instruction on Reverse Side

ATTACHMENT – FORM 3160-5
MCELMO CREEK UNIT – WELL #S-12
14-20-603-2057
NAVAJO TRIBAL
SAN JUAN, UTAH

12-7-98 MIRU MONTEZUMA RIG 15, ANCHOR BROKE, INSTALLED NEW ANCHOR & TESTED OLD ANCHORS, SWI & SDFN.

12-8-98 WELL FROZEN, THAWED OUT SITP 900# CSG 200# BLED OFF CSG, RU TEFTELLERS. SLICK-LINE WORK PLUG DIDN'T HOLED, ND TREE SHUT DHSOV, BLED OFF TBG, FISHED PLUG, FLANGE WELL BACK UP SWISDFN.

12-9-98 SITP 100# CSG O, BLED OFF TBG GAS, CIRC WELLBORE W/ BRINE. NIP DN TREE INSTALLED BOP/HYDRL RIG FLOOR REMOVE RAP AROUND. PSI WELLBORE TO 1000# TEST 20 MIN'S OK, LATCHED BACK TO ON/OFF TOOL TEST TBG/TOOLS TO 2000# 40 MIN'S BLED OFF 30-40#. WORKED PKR FREE SWISDFN.

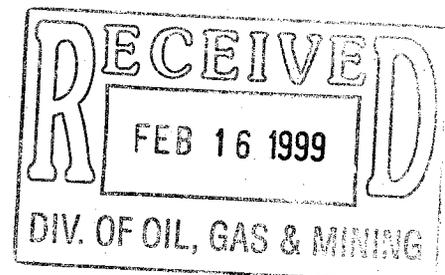
12-10-98 SITP 400# CSG O# KILL WELL, WORKED ON PKR TO RELEASE, POH W/ HANG UP & TRUBLED PKR, LAY DN PKR/ DHSOV/ON/OFF TOOL RIH W/ 176-JTS 2 3/8" PC TBG SWISDFN.

12-11-98 SICP 0# POH TALLY OUT LAY DN BENT & BAD LOOKING JTS SWISDFD WO/TESTERS/PIPE.

12-12-98 SICP SLITE BLOW, PUMP KILL FLUID. PU GUIB. G-6 PKR TEST TO 3500# OK. TESTED IN LAY DN WOULDN'T DRIFT W/ TEST TOOLS CHANGE OUT STRING. RD CAMPBELL POH W/ PKR LD PKR RIH W/ TBG IPC W/O SPOT FLOAT. POH LD TG SWISDFN.

12-13-98 SERV. UNIT SICP 20# BLED OFF. WO MONTEZUMA TRUCKING RU CAMPBELL TESTERS. PU/TALLY/TEST W/ N2 TO 3500# 78-JTS 2.375" USED TBG IN HOLE SWISDFN.

12-14-98 SERV. UNIT SICP 100# TBG 0# BLED OFF. FINISH PU/ TEST TBG TO 3500#. SET PKR @ 5479' RELEASED OFF ON/OFF TOOL. CIRC CSG W/ F-WTR PKR FLUID MIT TEST TO 1040# 40 MIN NOT WITNESSED BY NAVAJO EPA RD FINAL REPORT.
NOTIFIED NAVAJO EPA IN FARMINGTON NM. @ 8:38 12-12-98 TO RUN MIT TEST MONDAY LEFT ON ANSWER MACHINE, CALLED BACK MONDAY @ 8:10 TALKED TO CHARMAIN HESTEN W/ NAVAJO EPA TO DO MIT SAID THEY WOULDN'T BE ABLE TO COME OUT BUT GO AHEAD & RUN MIT TEST & SEND CHART IN.



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

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14-20-603-2057

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 S-12

9. API Well No.
43-037-16150

10. Field and Pool, or exploratory Area
GREATER ANETH

11. County or Parish, State
SAN JUAN UT

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
(SE/SW) SEC.33, T40S, R25E
645' FSL & 2140' FWL

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

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 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

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

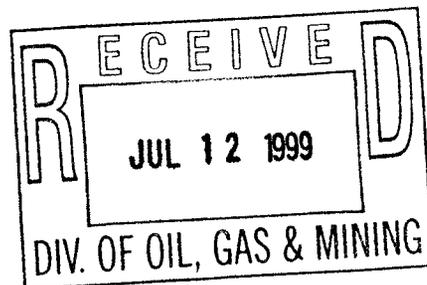
Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water

(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 (1999)

ATTACHED MIT & CHART



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

Signed *Shirley Houchins* Title **SHIRLEY HOUCHINS, ENV. & REG. TECH** Date **7-09-98**

(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 E. & P., Inc. Date of Test 6-29-99
Well Name McElmo Creek Unit Well #S-12 EPA Permit No. _____
Location Sec 33 T40S R25E Tribal Lease No. 14206032057
State and County San Juan County, Utah

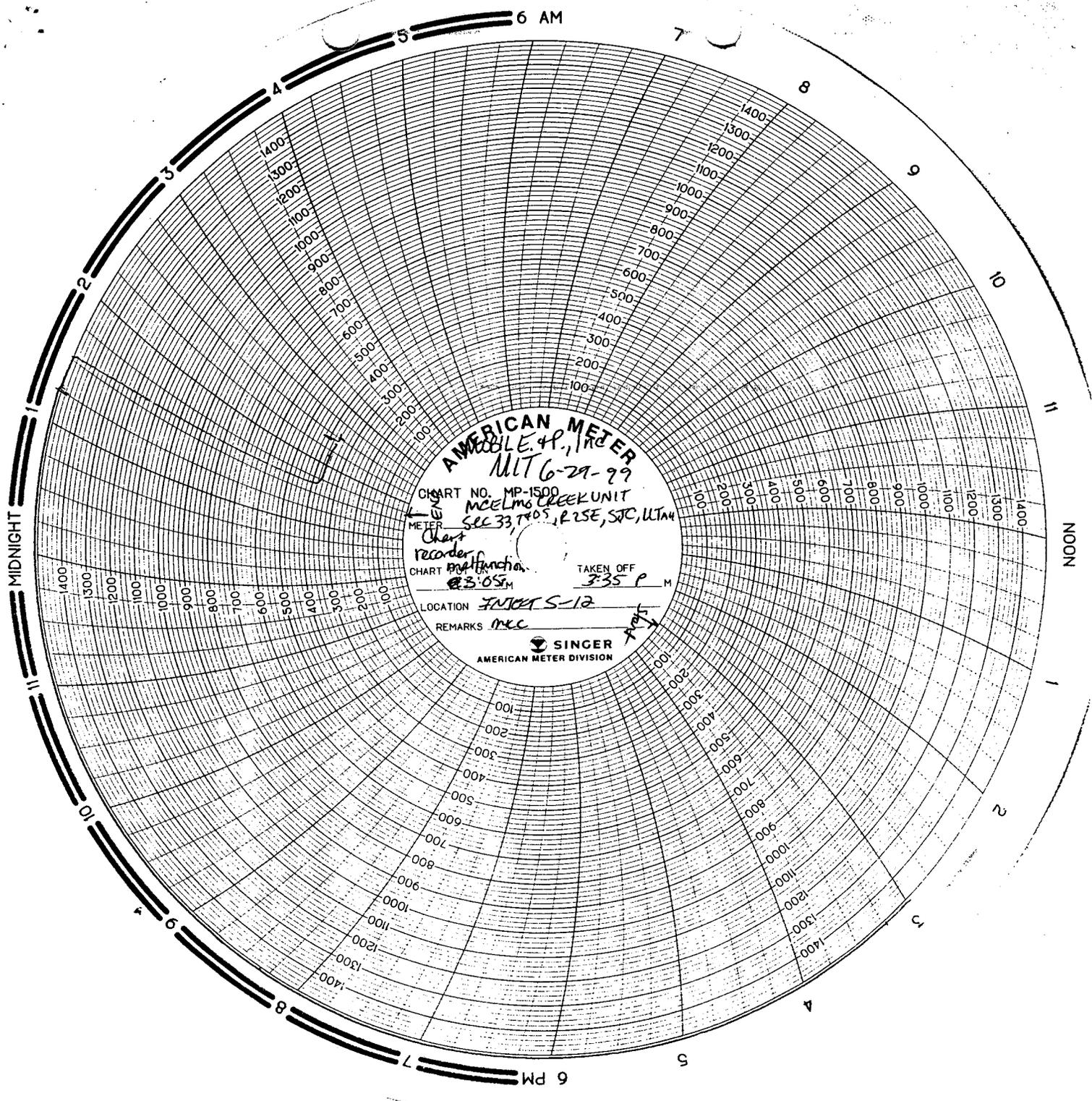
Continuous Recorder? YES NO Pressure Gauge? YES NO
Bradenhead Opened? YES NO Fluid Flow? YES NO

TIME	ANNULUS PRESSURE, psi		TUBING PRESSURE, psi
	0-1500 psi gauge	0-1500 psi recorder	
3:05 pm	1135		2400
3:10 pm	1135		2400
3:15 pm	1130		2400
3:20 pm	1130		2400
3:25 pm	1130		2400
3:30 pm	1130		2400
3:35 pm	1130		2400

MAX. INJECTION PRESSURE: 2750 PSI
MAX. ALLOWABLE PRESSURE CHANGE: 52.75 PSI (TEST PRESSURE X 0.05)

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

ALBERT M. JOHNSON Am Johnson 6-29-99
COMPANY REPRESENTATIVE: (Print and Sign) DATE
MELVINA K. CLAH Melvinia K. Clah 6-29-99
INSPECTOR: (Print and Sign) DATE



AMERICAN METER
MILLER E. P., JR.
MIT 6-29-99

CHART NO. MP-1500
MCELME CREEK UNIT
METER SEC 33 7905, R 25E, S1C, UT44

Chart Recorder
CHART # 3:05 PM
TAKEN OFF 3:35 P M

LOCATION FINEST 5-12
REMARKS mxc

SINGER
AMERICAN METER DIVISION

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

June 27, 2001

ExxonMobil
Production

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

Change of Name – Mobil Oil Corporation to
ExxonMobil Oil Corporation

Dear Mr. Thompson

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

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

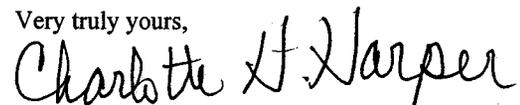
Please note the change of name of MOC to ExxonMobil Oil Corporation in your records pertaining to any MOC permits.

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

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

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

Very truly yours,



Charlotte H. Harper
Permitting Supervisor

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

RECEIVED

JUN 29 2001

DIVISION OF
OIL, GAS AND MINING



United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

XXXXXXXXXXXXXXXXXXXX
Navajo Area Office
NAVAJO REGION

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

AUG 30 2001

15
11:15

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,

GENNI DENETSONE

Regional Realty Officer

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

MINERAL RESOURCES	
ADM 1	<i>DBM</i>
NATV AM MIN COORD	
SOLID MIN TEAM	
PETRO MINT 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

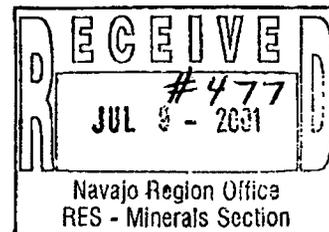
PS 7/12/2001
SH
543
File

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.

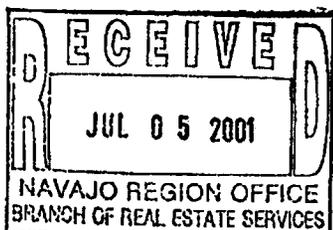
If you have any questions, please contact Alex Correa at (713) 431-1012.

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 Issac

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

Gentlemen:

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

OFFICERS

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

DIRECTORS

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

Sincerely,



Alex Correa

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



Signature

AGENT AND ATTORNEY IN FACT

Title

CERTIFICATION

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

CHANGE OF COMPANY NAME

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

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

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

ExxonMobil Oil Corporation",

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

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

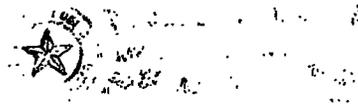
WITNESS, my hand and the seal of the Corporation at Irving, Texas, this 8th day of June, 2001.

S. A. Sullivan
Assistant Secretary

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

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

Janice M. Phillips
Notary Public



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

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

6/1/01

CHUBB GROUP OF INSURANCE COMPANIES

1000 West Loop South, Suite 1900, Houston, Texas 77027-3301
Telephone: (713) 237-4600 • Facsimile: (713) 237-4750

NW Bond

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

BOND NO 8027 31 97

wherein

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

FEDERAL INSURANCE COMPANY AS SURETY,

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

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

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

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

TO : ExxonMobil Oil Corporation

All other terms and conditions of this Bond are unchanged.

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

ExxonMobil Oil Corporation

By:



FEDERAL INSURANCE COMPANY

By:

Mary Pierson
Mary Pierson, Attorney-in-fact



POWER OF ATTORNEY

Federal Insurance Company
Vigilant Insurance Company
Pacific Indemnity Company

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

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

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

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

Kenneth C. Wendel
Kenneth C. Wendel, Assistant Secretary

Frank E. Robertson
Frank E. Robertson, Vice President

STATE OF NEW JERSEY } ss.
County of Somerset

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



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

Karen A. Price
Notary Public

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

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

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

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

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



Kenneth C. Wendel
Kenneth C. Wendel, Assistant Secretary

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

CSC

5184334741

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

CSC

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

F010601000187

CERTIFICATE OF AMENDMENT
OF
CERTIFICATE OF INCORPORATION
OF
MOBIL OIL CORPORATION

CSC 45

(Under Section 805 of the Business Corporation Law)

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

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

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

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

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

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

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

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

CSC
CSC

5184334741

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

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

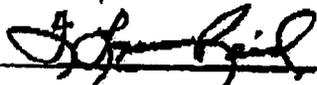
IN WITNESS WHEREOF, this Certificate has been signed this 22nd Day of May, 2001.



F. A. Risch, President 

STATE OF TEXAS)
COUNTY OF DALLAS)

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



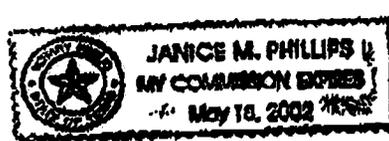
F. L. REID, Secretary

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

[SEAL]



NOTARY PUBLIC, STATE OF TEXAS



CSC
CSC

5184334741

06/01 '01 09:01 NO.411 02/02
06/01 '01 09:06 NO.155 04/04
F010601000187

CSC 45

CERTIFICATE OF AMENDMENT

OF

MOBIL OIL CORPORATION

Under Section 805 of the Business Corporation Law

SAC

100 cc

**STATE OF NEW YORK
DEPARTMENT OF STATE**

Filed by: EXXONMOBIL CORPORATION
(Name)

FILED JUN 01 2001

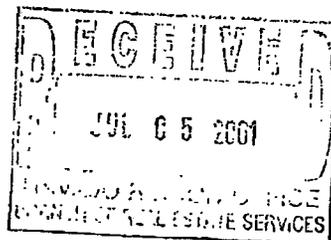
5959 Las Colinas Blvd.
(Mailing address)

TAX \$ _____
BY: *SAC*

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

ny Albany

Cust Ref # 16557817PJ



010601000195

State of New York }
Department of State } ss:

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

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



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

Special Deputy Secretary of State

OPERATOR CHANGE WORKSHEET

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: 06-01-2001	
FROM: (Old Operator):	TO: (New Operator):
MOBIL EXPLORATION & PRODUCTION	EXXONMOBIL OIL CORPORATION
Address: P O BOX DRAWER "G"	Address: U S WEST P O BOX 4358
CORTEZ, CO 81321	HOUSTON, TX 77210-4358
Phone: 1-(970)-564-5212	Phone: 1-(713)-431-1010
Account No. N7370	Account No. N1855

CA No. Unit: MCELMO CREEK

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

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

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

7. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 06/01/2001

8. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

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

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 04/16/2002
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 04/16/2002
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE WELL(S) BOND VERIFICATION:

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

FEDERAL WELL(S) BOND VERIFICATION:

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

INDIAN WELL(S) BOND VERIFICATION:

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

FEE WELL(S) BOND VERIFICATION:

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

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

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

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

DATA ENTRY:

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

BOND VERIFICATION:

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

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number See attached list		API Number Attached
Location of Well		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

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

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input 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	
	<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>

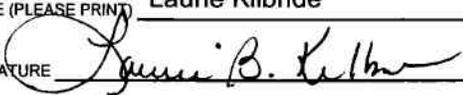
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

ExxonMobil Oil Corporation is transferring operatorship of Greater Aneth field, 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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-603-2057
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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.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO 7. UNIT or CA AGREEMENT NAME: MCELMO CREEK
--	--

1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: NAVAJO P-9 (S-12)
--	--

2. NAME OF OPERATOR: RESOLUTE NATURAL RESOURCES	9. API NUMBER: 43037161500000
---	---

3. ADDRESS OF OPERATOR: 1700 Lincoln Street, Suite 2800 , Denver, CO, 80203 4535	PHONE NUMBER: 303 534-4600 Ext	9. FIELD and POOL or WILDCAT: GREATER ANETH
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4. LOCATION OF WELL FOOTAGES AT SURFACE: 0645 FSL 2140 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 33 Township: 40.0S Range: 25.0E Meridian: S	COUNTY: SAN JUAN STATE: UTAH
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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 Approximate date work will start: 4/30/2015 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input 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 checked="" 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" value="UIC Repair"/>

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 of a UIC repair on the above well. Attached are the procedures and schematics

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

Date: May 11, 2015
 By: *Derek Duff*

NAME (PLEASE PRINT) Erin Joseph	PHONE NUMBER 303 573-4886	TITLE Sr. Regulatory Analyst
SIGNATURE N/A		DATE 4/22/2015

Procedure

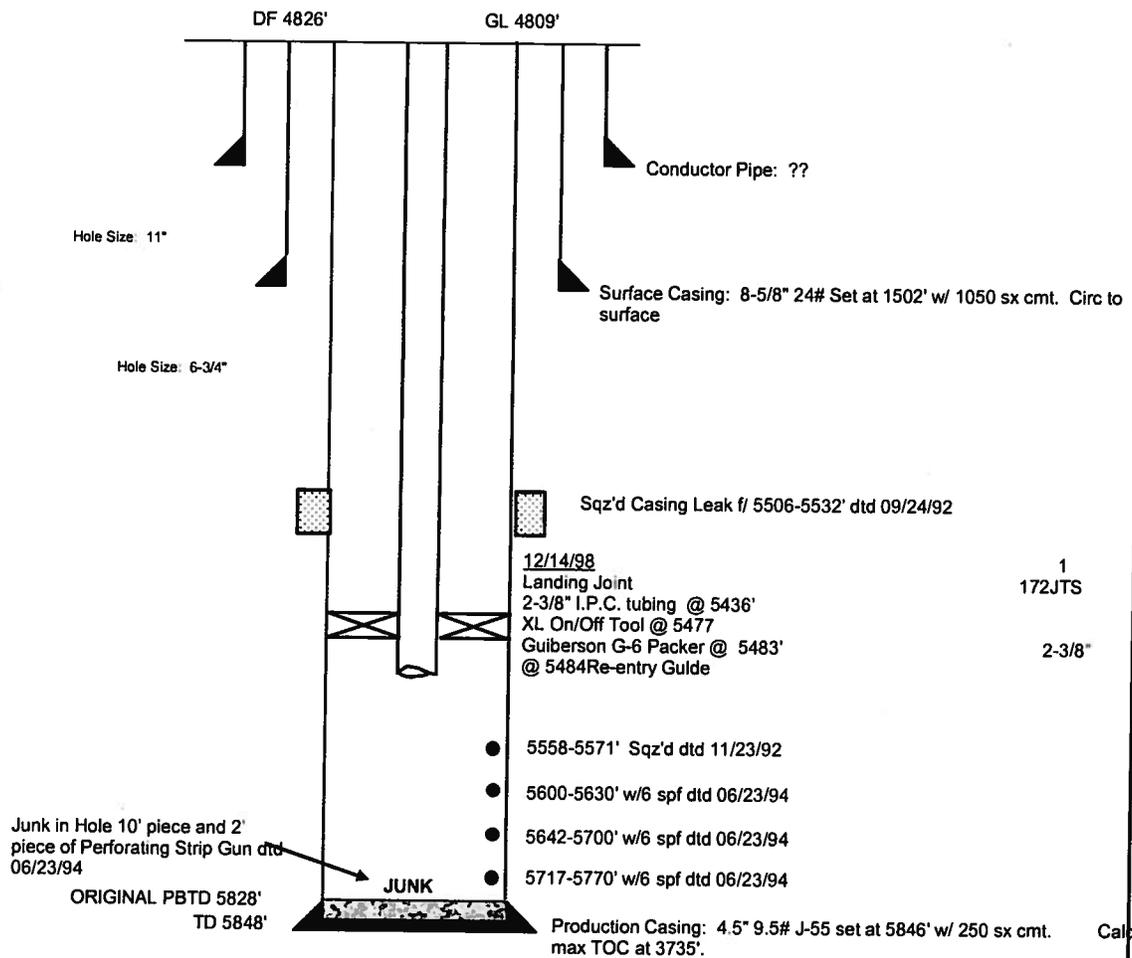
Horsley Witten: Yes, but work not required at this time.

1. Install four new anchors.
2. MIRU WSU, LOTO. Kill well as necessary.
3. ND WH & NU BOP's. Test BOP's.
4. Unset pkr & TOO H w/ 2-3/8 IPC tubing while laying down. LD pkr for inspection.
5. PU 2-3/8" workstring. RIH with bit. Clean out to 5800. Note: Junk in bottom of hole.
6. POOH & LD bit. RIH with scraper to 5500. Make several passes over pkr setting depth of ~ 5475'. POOH w/scraper.
7. RIH w/ 4-1/2" AS-1X packer on injection tubing to pkr set depth of ~5475' with plug in profile nipple. Pump pkr fluid down backside. Set pkr. Land tubing.
8. Perform mock MIT.
10. ND BOP, NU WH. Test void to 2500 psi.
11. MIRU slickline unit. Test lubricator to 2500 psi.
12. RIH gauge ring, shear plug, and retrieve plug. RDMO slickline unit.
13. Backflow the lateral line.
14. Schedule witnessed MIT w/NNEPA.
16. Notify Area Injection Supervisor Pierce Benally (435) 444-9957 that well is ready for reconnect & return to injection.

Consult Bill Albert for tbg type to be run back in the well.

McELMO CREEK UNIT # S-12
GREATER ANETH FIELD
645' FSL & 2140' FWL
SEC 33-T40S-R25E
SAN JUAN COUNTY, UTAH
API 43-037-16150

INJECTOR



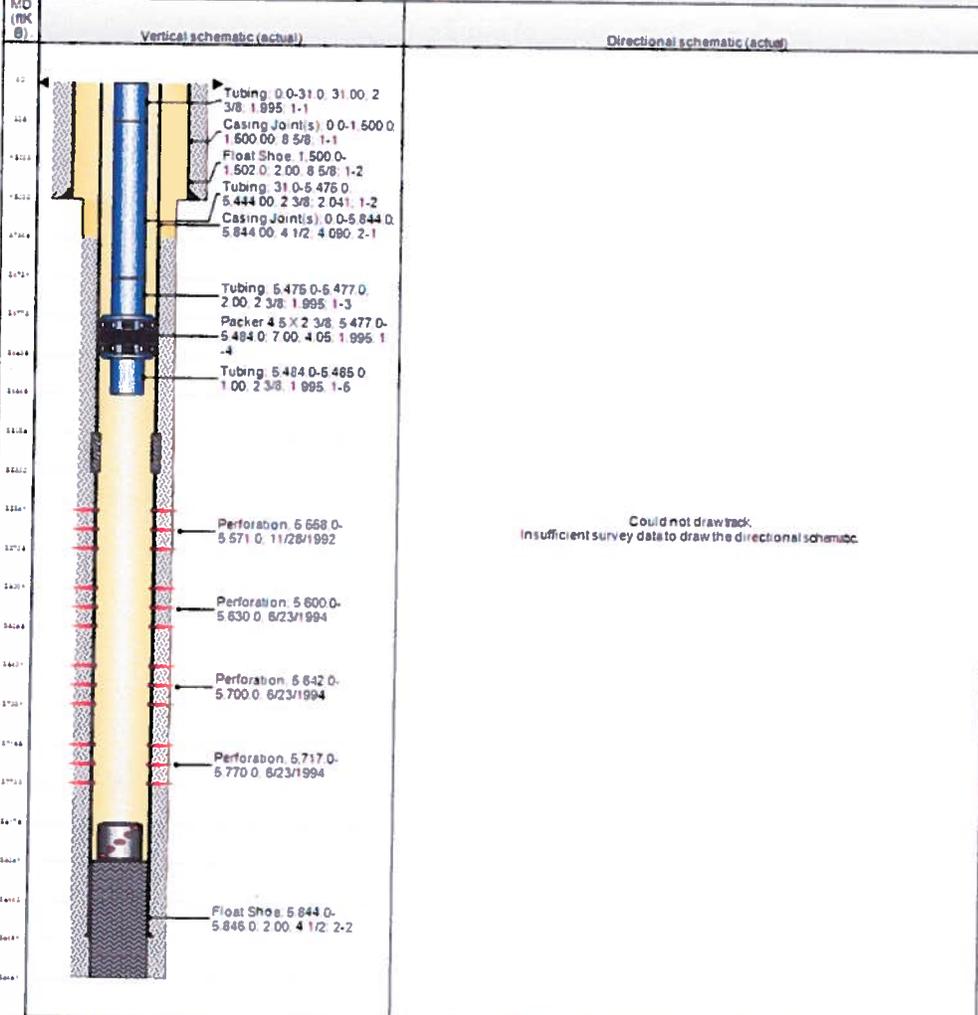
G.L.M. 10/30/02 MCU # S-12

Resolute

Well Name: **MCU S-12**

API Number 4303716150	Section	Dr. Cr.	Formation	Name	Block	Reg. Bond 51 Yr 8/3/1958 00 00	Field Name McElmo Creek Unit	County San Juan	State Prov Utah	Well No. 67.60
Most Recent Job										
Job Category Other		Primary Job Type Other		Secondary Job Type		Start Date 4/10/2015		End Date 4/10/2015		
YD: 5,846.0										

Vertical - McElmo Cr S12, 4/17/2015 12:44:47 PM



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.		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-603-2057
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO
		7. UNIT or CA AGREEMENT NAME: MCELMO CREEK
1. TYPE OF WELL Water Injection Well		8. WELL NAME and NUMBER: NAVAJO P-9 (S-12)
2. NAME OF OPERATOR: RESOLUTE NATURAL RESOURCES		9. API NUMBER: 43037161500000
3. ADDRESS OF OPERATOR: 1700 Lincoln Street, Suite 2800 , Denver, CO, 80203 4535		9. FIELD and POOL or WILDCAT: GREATER ANETH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0645 FSL 2140 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 33 Township: 40.0S Range: 25.0E Meridian: S		COUNTY: SAN JUAN
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT 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 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"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/11/2015	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text" value="UIC Repair"/>	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> APD EXTENSION	
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 that the UIC repair on this well was completed on 5/11/2015		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY December 17, 2015		
NAME (PLEASE PRINT) Erin Joseph	PHONE NUMBER 303 573-4886	TITLE Sr. Regulatory Analyst
SIGNATURE N/A	DATE 12/17/2015	