

Scout Report sent out

Noted in the NID File

Location map pinned

Approval or Disapproval Letter

Date Completed, P. & A, or operations suspended

3-2-59

Location changed on location map

Location and Record of A & P

Off Test

Test

...

FILE NOTATIONS

Entered in NID File

Checked by Chief:

Entered On S R Sheet

Copy NID to Field Office:

Location Map Pinned

Approval Letter

Card Indexed

Disapproval Letter:

IWR for State or Fee Land

COMPLETION DATA

Date Well Completed

2-22-59

Location Reported:

OW

VW

TA

Begin

GW

OS

PA

State or Fee Land:

LOGS FILED

Driller's Log

6-3-59

Electric Log (No. 1)

3

E

100

41

GR

GR-N

Micro

Test

W-1

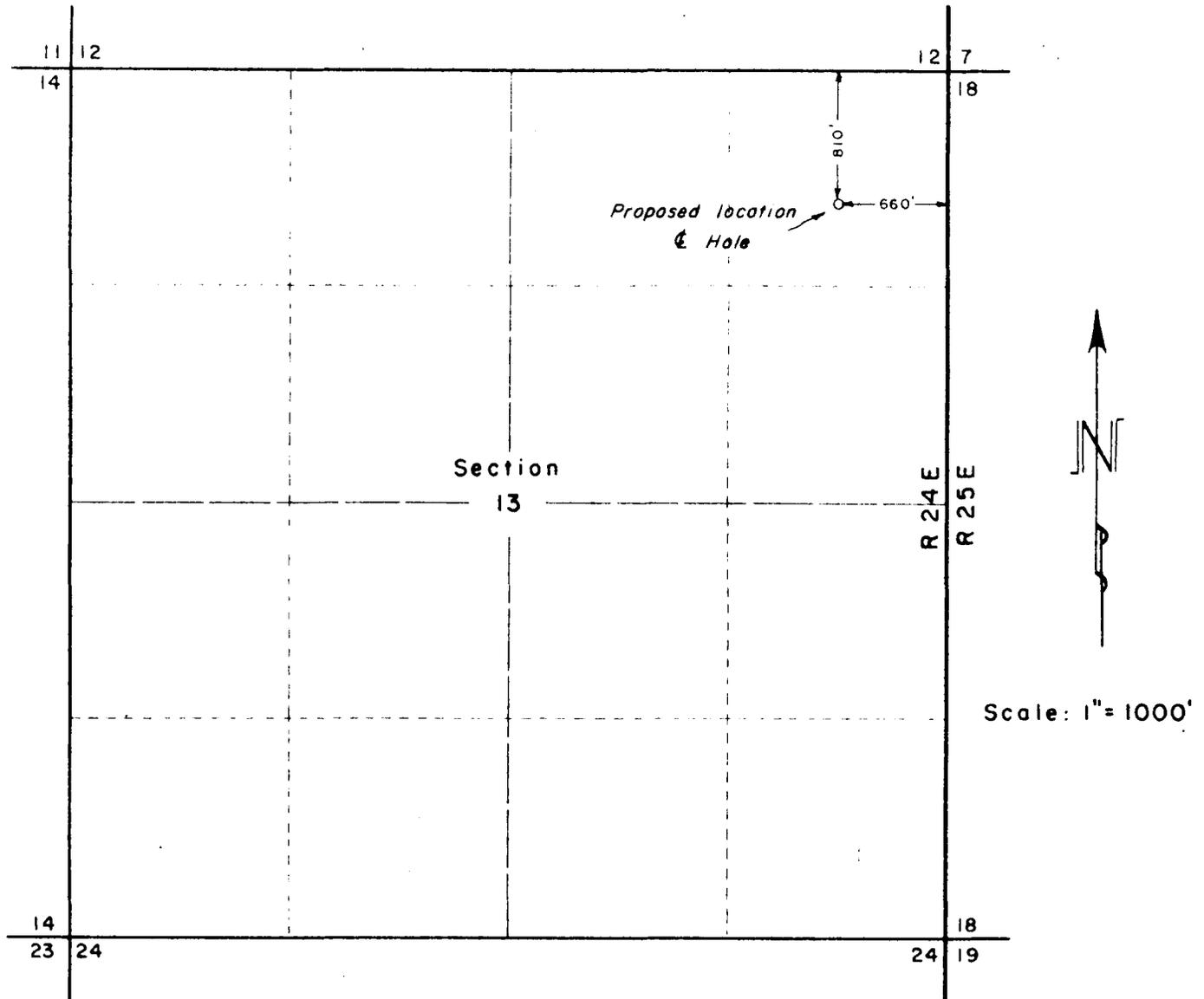
Sonic

Others

*Radio activity logs*



# CERTIFICATE OF SURVEY



## WELL LOCATION: SUPERIOR OIL CO. NAVAJO "E" 41-13

Located 660 feet West of the East line and 810 feet South of the North line of Section 13.  
 Township 41 South, Range 24 East Salt Lake Meridian

Existing ground elevation determined at 4451 feet based on U.S. Bureau of Reclamation datum.  
*4450 graded ground*

I hereby certify the above plat represents a survey made under my supervision and is accurate to the best of my knowledge and belief.

*Elmer M. Clark*

ELMER M. CLARK  
 Registered Land Surveyor  
 State of Colorado (No. 2279)

PLANET ENGINEERS, INC.  
 Durango, Colorado  
 November 11, 1958

13

December 23, 1958

Superior Oil Company  
P. O. Box 276  
Cortez, Colorado

Attention: G. Bannantine, Petroleum Engineer

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo E 41-13, which is to be located 810 feet from the north line and 660 feet from the east line of Section 13, Township 41 South, Range 24 East, S1EM, San Juan County, Utah.

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

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

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT  
EXECUTIVE SECRETARY

CBF:co

cc: Phil McGrath  
USGS, Farmington,  
New Mexico

# THE SUPERIOR OIL CO.

P. O. Box 276  
Cortez, Colorado

30 January 1959

U. S. Department of the Interior  
Geological Survey  
P. O. Box 965  
Farmington, New Mexico

Attn: Mr. P. T. McGrath

Re: Navajo E #41-13  
Lease No. 14-20-603-370

Gentlemen:

Attached please find Notice of Intention To Drill, submitted as requested by you in our telephone conversation of the 30th, in which you gave verbal approval to drill subject well.

Sincerely yours,

G. Bannantine  
Petroleum Engineer

GB/ba

cc: Utah Oil & Gas Conservation Commission ✓  
H. L. Franques  
M. U. Broussard  
B. R. Kunsu  
Donald E. Koch  
W. H. Fraser  
J. D. Simons  
R. Maurer  
L. M. Knapp  
File

*Note to Jack:*  
NID did not  
accompany this  
carbon copy  
CC

7.

P. O. Box 965  
Farmington, New Mexico

December 31, 1958

The Superior Oil Company  
P. O. Box 276  
Cortez, Colorado

Re: Navajo Tribal Lease 14-20-603-370

Gentlemen:

Returned herewith, unapproved, is the "Notice of Intention to Drill" covering your well No. 41-13 Navajo "E", located in the NE<sup>1</sup> NE<sup>1</sup> sec. 13, T. 41 S., R. 24 E., S.L.M., San Juan County, Utah. This location is in the McElmo Creek field and does not conform to the spacing pattern as established by other wells already drilled in the field. Wells drilled in this quarter section (NE<sup>1</sup> sec. 13) should be located in the SE<sup>1</sup> NE<sup>1</sup> or the NW<sup>1</sup> NE<sup>1</sup>.

Very truly yours,

P. T. McGrath  
District Engineer

cc - U. S. G. S., Roswell  
Utah Oil & Gas Conservation Commission ✓



DALLAS, TEXAS  
POST OFFICE BOX 10185

February 25, 1959

Dallas: RI-2-2421  
Midland: MU-2-5522  
OX-4-5256  
Conroe: PL-6-4232

Farmington, New Mexico:  
DA-5-6817  
DA-5-8476

The Superior Oil Company  
Post Office Box 276  
Cortez, Colorado

Subject: Temperature Survey  
Navajo "E" No. 41-13 Well  
Aneth Field  
San Juan County, Utah  
Our File No. 5-341 T

Gentlemen:

On February 22, 1959, a temperature survey was made in subject well, Aneth Field, San Juan County, Utah, to determine top of cement.

The data obtained from this survey are shown in both tabular and graphical form on the following page of this report.

It is a pleasure to be of service to you. Please do not hesitate to call upon us in the future.

Very truly yours,

DENNIS OWENS COMPANY

Farrest Tefteller

FT:mh  
Attachment



DALLAS, TEXAS

Company THE SUPERIOR OIL COMPANY Lease NAVAJO "E" Well No. 41-13  
 Field ANETH County SAN JUAN State UTAH  
 Formation \_\_\_\_\_ Test Date February 22, 1959

TEMPERATURE SURVEY TO LOCATE CEMENT TOP.

Amerada Element No. 13845  
 Element Range: 32-204°F  
 100 sacks of cement  
 7-5/8" hole, 5 1/2" pipe  
 Instrument TD 5424'

Depth Feet Temperature °F

0

1000

2000

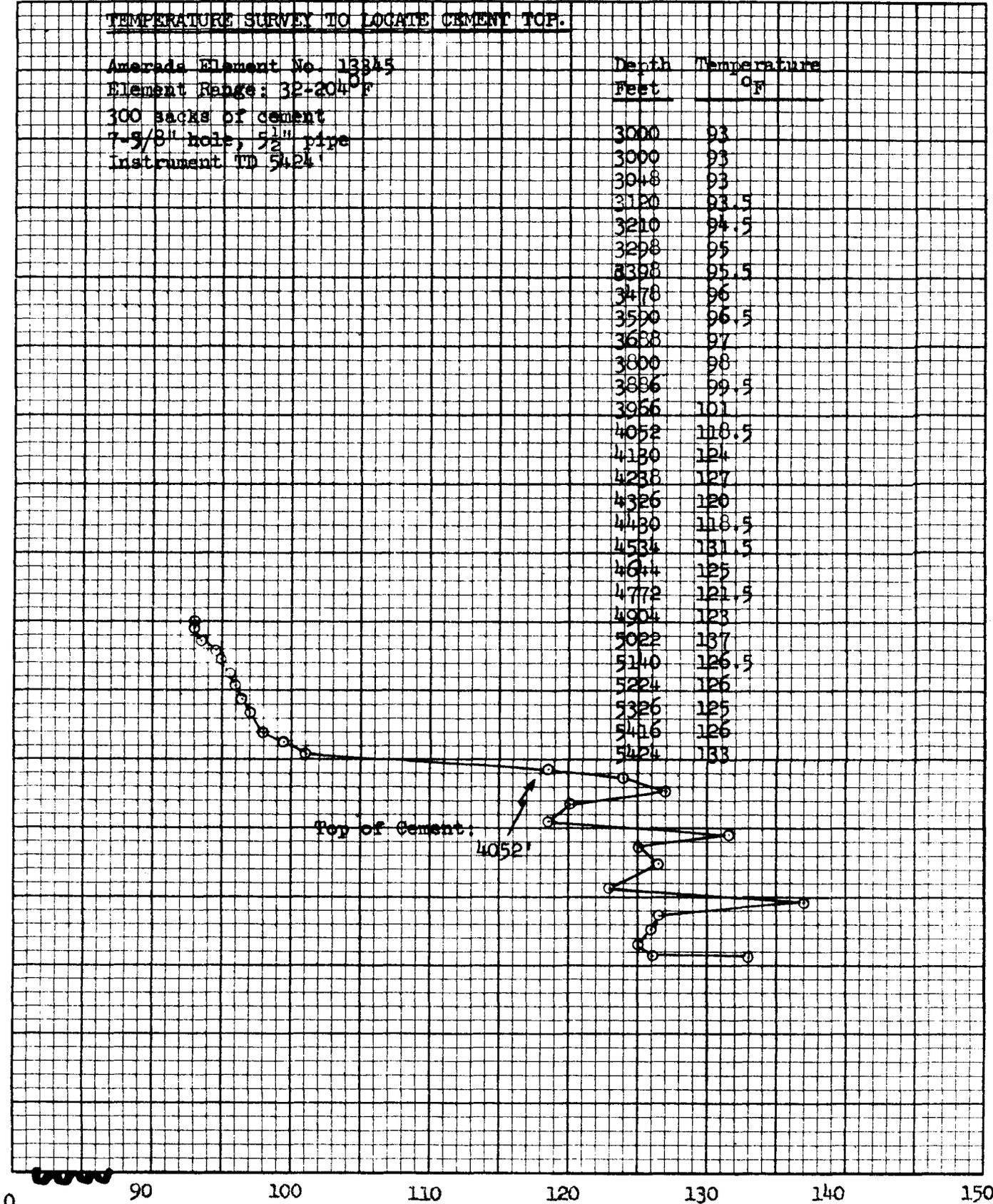
3000

4000

5000

6000

7000



Top of Cement: 4052'

			<b>X</b>
	<b>13</b>		

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Indian Agency Window Rock  
Allottee Navajo  
Lease No. 14-20-603-370

*Revised 11-30-54*

SUNDRY NOTICES AND REPORTS ON WELLS

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

NOT FOR PUBLIC INFORMATION

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

March 16, 1959

Well No. **E #41-13** is located **810** ft. from **N** line and **660** ft. from **E** line of sec. **13**  
**NE NE Sec. 13** **41S** **24E** **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 ~~surface~~ above sea level is **4464** ft. **K.B.**

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: December 24, 1958

Completed: March 2, 1959

Operations suspended December 31, 1958 to February 5, 1959.

T.D.: 5443' P.B.T.D.: 5407'

Casing: 10-3/4" conductor pipe cemented @ 602' w/1925 sacks.  
 8-5/8" surface pipe cemented @ 1320' w/310 sacks.  
 5 1/2" production string cemented @ 5443' w/300 sacks.  
 Top of cement 3966' by temperature survey.

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

Company The Superior Oil Company

Address P. O. Box 276  
Cortez, Colorado

By D. D. Kingman  
 Title Engineer

25

**Electric Log Tops:**

De Chelly	2312'	Paradox Shale	5195'
Organ Rock	2483'	Lower Boundary Butte	5202' (-738')
Hermosa	4242'	Chimney Rock Shale	5404'
Upper Boundary Butte	5050'	Total Depth	5443'

**Perforations:**

4 jets per foot: 5204'-36', 5250'-66', 5272'-86', 5304'-47',  
5358'-68', 5383'-92'.

**Drill Stem Tests:** None

**Treatments:**

**Acid Job #1:** (Perfs 5304-47', 5358-68', 5383-92'.)

650 gallons Dowell BDA. Max. Press. 650#/400#.

**Acid Job #2:** (Perfs 5304-47', 5358-68', 5383-92'.)

9,300 gallons retarded acid in 3 equal stages using 2-300 gallon temporary plugs. Maximum pressure 3000#/1800#.

**Acid Job #3:** (Perfs 5204-36', 5250-66', 5272'-86'.)

650 gallons Dowell BDA. Max. Press. 2400#/500#.

**Acid Job #4:** (Perfs 5204-36', 5250-66', 5272-86'.)

9,300 gallons retarded acid in 3 equal stages using 2-300 gallon temporary plugs. Maximum pressure 3700#/1800#.

**Tubing:** 2½' hung @ 5392'.

**Initial Production:** Flowed 348.06 bbls of oil in 9½ hours.  
Gravity 40.9°, Cut 0.2%, 360#/1060#, 24/64" choke.  
36.64 BPH or 879.36 BPD rate.

NOT FOR PUBLIC  
INFORMATION

NOT FOR PUB. INFORMATION

at Bureau No. 42-R355.4. Approval expires 12-31-60.

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 14-20-603-370
LEASE OR PERMIT TO PROSPECT Navajo

Grid for locating well correctly with 'X' in the top right and '13' in the middle left.

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company The Superior Oil Company Address P.O. Box 276, Cortez, Colorado
Lessor or Tract Navajo E Field McKim Creek State Utah
Well No. 41-13 Sec. 13 T. 41S R. 24E Meridian 51M County San Juan
Location 810 ft. [N] of N. Line and 660 ft. [E] of E. Line of section 13 Elevation 4464 K.B.

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

Date March 16, 1959 Signed D. D. Kingman Title Engineer

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

Commenced drilling December 24, 1958 Finished drilling February 22, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5050 to 5195 No. 4, from to
No. 2, from 5202 to 5404 No. 5, from to
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

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

CASING RECORD

Table with columns: Size casing, Weight per foot, Threads per inch, Make, Amount, Kind of shoe, Cut and pulled from, Perforated (From-To), Purpose.

MUDDING AND CEMENTING RECORD

Table with columns: Size casing, Where set, Number sacks of cement, Method used, Mud gravity, Amount of mud used.

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set
Adapters—Material Size

FOLD MARK



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN PLI (Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <u>14-20-603-370</u>	
2. NAME OF OPERATOR <u>THE SUPERIOR OIL COMPANY</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <u>Navajo</u>	
3. ADDRESS OF OPERATOR <u>P. O. Drawer DDD, Cortez, Colorado 81321</u>		7. UNIT AGREEMENT NAME <u>McElmo Creek Unit</u>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <u>810' from NL, 660' from EL Section 13, T41S, R24E San Juan County, Utah</u>		8. FARM OR LEASE NAME <u>McElmo Creek Unit</u>	
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) <u>4464' KB</u>	9. WELL NO. <u>MCU #I-21</u>	
		10. FIELD AND POOL, OR WILDCAT <u>McElmo Creek Unit</u>	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>Sec. 13, T41S, R24E</u>	
		12. COUNTY OR PARISH <u>San Juan</u>	13. STATE <u>Utah</u>

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

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

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

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

The Ismay Zone will be perforated 5158-5177', isolated between retrievable bridge plug and packer, and stimulated with 5,000 gals 28% acid. After swabbing and testing the Ismay reservoir, the Ismay and Desert Creek Zone I will be pumped and commingled.

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

SIGNED C. L. Hill TITLE Senior Reservoir Engineer DATE 12/10/70

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

CLH/nh

\*See Instructions on Reverse Side

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE  
(Other instructions on  
verse side)

Form approved.  
Budget Bureau No. 42-R1424

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-370
2. NAME OF OPERATOR The Superior Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
3. ADDRESS OF OPERATOR P. O. Drawer 'G', Cortez, Colorado 81321		7. UNIT AGREEMENT NAME McElmo Creek Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  810' FNL & 660' FEL, Section 13, T41S, R24E SLM		8. FARM OR LEASE NAME
14. PERMIT NO.		9. WELL NO. MCU #I-21
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4464' KB		10. FIELD AND POOL, OR WILDCAT McElmo Creek Field
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE NE Sec. 13, T41S, R24E
		12. COUNTY OR PARISH San Juan
		13. STATE Utah

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

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

2/26/71 All perfs 5204-5392' were squeezed with 644 sacks Class 'C' cement and drilled out to 5280'.

3/2/71 Perf'd 5260-64' with 2 jets per foot. Treated with 400 gals 28% acid & squeezed with 55 sacks cement.

3/3/71 Drilled out to 5190'. Perf'd 5180-84' with 2 jets per ft. Treated with 400 gal 28% acid. Well started flowing.

3/8/71 Killed well. Squeezed with 50 sacks cement.

3/10/71 Drilled out to 5245' (new PBTD).  
Perf'd Ismay interval 5158-77', Desert Creek Zone I 5204-33' with 2 jets per ft.

3/11/71 Isolated and treated perfs 5204-33' with 9,000 gal. 28% acid. Swabbed 233 bbl fluid in 10 hrs. 10% cut.

3/12/71 Isolated Ismay perfs and treated with 5,000 gal 28% acid.  
Turned down flow line. Tested 953 BOPD rate, 0% cut.

5/5/71 Ran downhole production equipment. Producing Ismay/Desert Creek commingled.

Production 5/7/71 - 474 BOPD, 0.2% water cut.  
Production prior to workover (2/9/71) - 92 BOPD, 0.2% water cut.

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

SIGNED D. D. Kingman TITLE District Engineer DATE 5/19/71

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

OGC/nh

\*See Instructions on Reverse Side  
xc: State, USGS, Franques, Broussard, Hurlbut, WIO, File

orig file  
cc R. Firth

# Mobil Oil Corporation

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 1985

Attention: Ms. Dianne Nielson, Director

DIVISION OF OIL  
GAS & MINING

RE: NOTICES TO SUPERIOR OIL COMPANY

Dear Ms. Nielson:

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

Effective January 1, 1985, ~~Superior Oil Corporation began acting on behalf of the~~  
~~Superior Oil Companies as a 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:

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

(303) 298-2577

PERMITS ONLY

RON

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

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

Very truly yours,



R. D. Baker  
Environmental & Regulatory Manager - West

Enclosure

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLI  
(Other instructions re-  
verse side)

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

2  
1

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.

14-20-603-370

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NAVAJO

7. UNIT AGREEMENT NAME

McELMO CREEK UNIT

8. FARM OR LEASE NAME

9. WELL NO.

#I-21

10. FIELD AND POOL, OR WILDCAT

GREATER ANETH

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

SEC. 13, T41S, R24E, SLM

12. COUNTY OR PARISH

SAN JUAN

13. STATE

UTAH

OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
SUPERIOR OIL COMPANY\*

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

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

810' FNL, 660' FEL of Sec. 13

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
KB: 4464', GL: 4453'

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

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

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

\*Mobil Oil Corp. as agent for Superior Oil Co.

- 12-5-84: MIRU workover rig. POH w/ rods & pump. NU BOP's.
- 12-6-84: POH w/ tbg. Left part of perforated sub, lockset pkr and bull plug below perfs.
- 12-7-84: RIH to fish. Recover fish. RIH w/ scraper, hydrotesting to 5000 psi. Tagged bottom at 5249'.
- 12-8-84: POH w/ scraper. RIH w/ CIBP & set at 5245'. RIH w/ pkr & set at 5102'. Acidized existing Ismay & Desert Creek I perfs w/ 9000 gals 28% HCL with salt plugs.
- 12-9-84: Swabbed 125 bbls, 10% oil.
- 12-10-84: Swabbed 160 bbls, 40% oil.
- 12-11-84: Swabbed 80 bbls. POH w/ pkr. RIH w/ prod. tbg. ND BOP's, made up wellhead.
- 12-12-84: RIH w/ rods & pump. Placed on production.

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

SIGNED Gregg A. Drupp  
Gregg A. Drupp  
(This space for Federal or State office use)

TITLE Engineer

DATE 2-12-85

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

\*See Instructions on Reverse Side

# Mobil Oil Corporation

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

May 14, 1986

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

Attn: R. J. Firth  
Associate Director

**RECEIVED**  
MAY 16 1986

DIVISION OF  
OIL, GAS & MINING

## SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

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

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

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

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

Very truly yours,



CNE/rd  
CNE8661

R. D. Baker  
Environmental Regulatory Manager

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	ST A P	API NUMBER	FEDERAL LEASE NUMBER	STATE NUMBER	UNIT NUMBER
MC ELMO CREEK	H-16	SAN JUAN	UT	SW	SE	01-41S-24E	PROD	OP	43-037-30366	14-20-603-4039		96-004190
	H-17	SAN JUAN	UT	NW	NE	12-41S-24E	INJ	OP	43-037-05605	14-20-603-4039		96-004190
	H-17B	SAN JUAN	UT	SE	SE	1-41S-24E	PROD	OP	43-037-30415	14-20-603-4039		96-004193
	H-18	SAN JUAN	UT	SW	NE	12-41S-24E	PROD	OP	43-037-30364	14-20-603-4495		96-004190
	H-19	SAN JUAN	UT	NW	SE	12-41S-24E	PROD	OP	43-037-20304	14-20-603-4495		96-004190
	H-20	SAN JUAN	UT	SW	SE	12-41S-24E	PROD	OP	43-037-15708	14-20-603-5451		96-004190
	H-21	SAN JUAN	UT	NW	NE	13-41S-24E	COMP		43-037-31192	14-20-603-370		96-004190
	H-22	SAN JUAN	UT	SW	NE	13-41S-24E	PROD	OP	43-037-15950	99500-603-370		96-004190
	H-23	SAN JUAN	UT	NW	SE	13-41S-24E	COMP		43-037-31193	14-20-603-370		96-004190
	H-24	SAN JUAN	UT	SW	SE	24-41S-24E	PROD	TA	43-037-15951	14-20-603-370		96-004190
	H-25	SAN JUAN	UT	NW	NE	24-41S-24E	COMP		43-037-31010	14-20-603-370		96-004190
	H-26	SAN JUAN	UT	SW	NE	24-41S-24E	PROD	OP	43-037-15952	14-20-603-370		96-004190
	I-11	SAN JUAN	UT	NE	SE	36-40S-24E	PROD	OP	43-037-30358	14-20-0603-6145		96-004190
	I-12	SAN JUAN	UT	SE	SE	36-40S-24E	PROD	OP	43-037-15619	14-20-0603-6145		96-004190
	I-13	SAN JUAN	UT	NE	NE	01-41S-24E	PROD	OP	43-037-30257	14-20-603-4032		96-004190
	I-14	SAN JUAN	UT	SE	NE	01-41S-24E	PROD	OP	43-037-16145	14-20-603-4032		96-004190
	I-15	SAN JUAN	UT	NE	SE	1-41S-24E	PROD	OP	43-037-30361	14-20-603-4039		96-004190
	I-16	SAN JUAN	UT	SE	SE	01-41S-24E	PROD	OP	43-037-15497	14-20-603-4039		96-004190
	I-16B	SAN JUAN	UT	SW	SW	06-41S-25E	PROD	OP	43-037-30417	14-20-603-372		96-004190
	I-17	SAN JUAN	UT	NE	NE	12-41S-24E	PROD	OP	43-037-30367	14-20-603-4039		96-004190
	I-18	SAN JUAN	UT	SE	NE	12-41S-24E	PROD	OP	43-037-15709	14-20-603-4495		96-004190
	I-19	SAN JUAN	UT	NE	SE	12-41S-24E	PROD	OP	43-037-30365	14-20-603-4495		96-004190
	I-20	SAN JUAN	UT	SE	SE	12-41S-24E	INJ	OP	43-037-05524	14-20-603-4495		96-004190
	I-21	SAN JUAN	UT	NE	NE	13-41S-24E	PROD	OP	43-037-15953	14-20-603-370		96-004190
	I-22	SAN JUAN	UT	SE	NE	13-41S-24E	COMP		43-037-31187	14-20-603-370		96-004190
	I-23	SAN JUAN	UT	NE	SE	13-41S-24E	INJ	OP	43-037-16352	14-20-603-370		96-004190
	I-24	SAN JUAN	UT	SE	SE	13-41S-24E	PROD	OP	43-037-30180	14-20-603-370		96-004190
	I-25	SAN JUAN	UT	NE	NE	24-41S-24E	INJ	OP	43-037-16353	14-20-603-370		96-004190
	J-11	SAN JUAN	UT	NW	SW	31-40S-25E	INJ	OP	43-037-16354	14-20-603-372		96-004190
	J-12	SAN JUAN	UT	SW	SW	31-40S-25E	PROD	OP	43-037-30342	14-20-603-372		96-004190

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.  
14-20-603-370

6. If Indian, Allottee or Tribe Name  
NAVAJO TRIBAL

**SUBMIT IN TRIPLICATE**

7. If Unit or CA, Agreement Designation

MCELMO CREEK UNIT

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.

I-21

2. Name of Operator  
MOBIL OIL CORPORATION

9. API Well No.

43-037-15953

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)

11. County or Parish, State

810 FNL, 660' FEL SEC. 13, T41S, R24E

San Juan, Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other <u>Cement Squeeze</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.)\*

PLEASE SEE ATTACHED PROCEDURE.

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 2-2-93  
BY: *JR Matthews*

**RECEIVED**

FEB 01 1993

DIVISION OF  
OIL GAS & MINING

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

Signed Shirley Todd SHIRLEY TODD Title ENGINEERING TECHNICIAN Date 1-27-93

(This space for Federal or State office use)

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

## RECOMMENDED WORK PROCEDURE

---

WELL NO.	I-21
LEASE	McElmo Creek Field
ANNULAR FLUID	Produced Fluids
WORKOVER FLUID	Fresh Water
WT. (LBS/GAL)	8.5
HYD. PRESS	2300 psi
RES. PRESS	est 1900 psi
ZONE	Ismay & Desert Creek IA

### Special Instructions:

- \*Provide covered tank for carry-over (250 bbls capacity each).  
MI one set of pipe racks and  $\pm 5260'$  2-7/8" WS. Ensure has been notified 2 weeks prior to any casing work and MIT'S. Use Dowell Schlumberger for squeeze cementing materials and labor.
1. MIRU Big A DDPU.
  2. Switch well to bypass, RU pump truck and kill well by pumping down casing annulus w/ clean fresh water until annulus is on a vacuum or static. Unseat insert pump and displace clean fresh water down tbg until well is killed.
  3. ND stuffing box. NU stripping rubbers (as necessary).
  4. POOH w/ 1-1/4" Polish rod w/ 10' liner, 7/8"x 2' steel pony rod, 78 7/8" S-87 rods, 129 3/4" S-87 rods, & 2-1/2"x 1-3/4"x 22' RHBM CPID SV insert pump w/ rod guide & 2' pony. Hang rods in derrick. LD insert pump.
  5. ND wellhead. NU 900 Series BOP w/ adaptor flange (as necessary) w/ 2-7/8" pipe and blind rams. Insure BOP is pressure certified and tested to 3000 psi WP and 5000 psi MP. Use new gasket and all 12 bolts.
  6. POOH w/  $\pm 168$  jts 2-7/8" 6.5# J55 8rd EUE tbg, 2-7/8" Mech SN, Baker 5-1/2" Lok-Set Anchor, and 2-7/8"x 8' tubing sub. Stand tbg back in derrick. Visually inspect pipe for rod wear & replace bad joints.
  7. PU & GIH w/ 5-1/2" RBP, O/F tool, & 5-1/2" pkr on 2-7/8" WS. Set RBP @  $\pm 1350'$ . PU 500' & set pkr. Load hole w/ produced water. RU pump to tbg. Pressure test to 1000 psi for 5 minutes. Bleed down pressure. Tie onto backside and pressure test to 1000 psi for 5 minutes. If backside pressure falls off, continue to move up hole w/ pkr & RBP (while pressure testing) until leak is isolated. Once leak is located, GIH & retrieve RBP. PU & set RBP 50' below leak. PU & set pkr 100' above leak. Establish rate into leak while recording pressure. Open Bradenhead and determine if circulation is occurring to surface. Dump  $\pm 10$  ft sand on RBP. CONTACT ENGINEERING WHEN CASING LEAK IS FOUND.

8. Notify BLM of squeeze operation. RU Dowell Schlumberger's (DS) cmt truck and crew. If leak is small, spot cement across csg leak, set pkr & squeeze. If leak rate is > 0.5 BPM, squeeze w/ 100 sxs cmt w/ additives. If circulation is seen to surface through Bradenhead, consult w/ Engineer on volume to displace to surface. During sqz, begin hesitation at 500 psi and hesitate as necessary to obtain a final sqz pressure of 1000 psi. If sqz is not obtained, overflush w/ 5 bbls fresh water and repeat sqz w/ 50 sxs neat cmt. Hold squeeze pressure overnight. RDMO DS.

	<u>CMT w/ ADDITIVES</u>	<u>NEAT CMT</u>
Type	Class G	Class G
Yield	1.145 cu-ft/sx	1.145 cu-ft/sx
Pump Time	+60 minutes	+2 hrs
Fluid Loss	10-25 cc/30 min	1000-1200 cc/30 min
Additives	2% CaCl+0.8% D127 (latex)	None

9. Bleed off pressure. POOH w/ pkr & WS. RU power swivel & reverse unit. PU & GIH w/ 4-3/4" bit, scraper, & DC's (as necessary) on 2-7/8" WS. DO/CO squeeze. Close pipe rams and pressure test squeeze to 1000 psi for 30 minutes (<100 psi leak-off in 30 minutes is acceptable). Bleed off pressure. (If squeeze does not pressure test, notify engineer for acid breakdown and re-squeeze procedure.) POOH w/ WS, DC's, scraper, & bit. LD tools. PU & RIH w/ O/F tool overshot for RBP. Circulate sand off of RBP. Sting onto O/F tool, retrieve RBP & POOH. LD RBP assembly.
10. GIH w/ 4-3/4" Varel bit, 5-1/2" 14&15.5# J55 csg scraper, & Bulldog hydrostatic bailer on 2-7/8" WS. CO to PBTB 5245'. RD swivel & reverse unit. POOH w/ 2-7/8" tbg & LD bailer, scraper, & bit. Notify Engineer if any scale or solids are present.
11. PU & GIH w/ 2-7/8"x 8' MA, 2-7/8"x 4' perfed sub, 2-7/8" API SN (Cup-Type), 8 jts 2-7/8" 6.5# J55 8rd tbg, 2-7/8"x 5-1/2" TAC, ±160 jts 2-7/8" 6.5# J55 8rd tbg. Set TAC @ ±4983'.
12. ND BOP. NU stripping rubbers (as necessary).
13. PU & GIH w/ 1-1/4"x 8' slotted GA, 2-1/2"x 1-1/2"x 18' RHBC/SM plunger insert pump, 129 3/4" S-87 rods, 78 7/8" S-87 rods, 7/8" steel pony rods (as necessary) and 1-1/4" polish rod.
14. ND stripping rubbers. NU wellhead. Space out rods & hang well on. Space pump approximately 16" off bottom. RDMO PU. Release well to production and put on test. Obtain dynamometer card to insure no overload conditions are present and that the system is functioning properly. (Reverse rotation direction on Pumping Unit.)

Pumping Unit Configuration:

Lufkin C320D-100RO-H-25.3	GBB Conventional
9.0 SPM - CCW	20 HP Required
87.5" SL (2nd of 5 holes)	CBE 10790 lbs

**McElmo Creek Unit I-21  
Present Schematic**

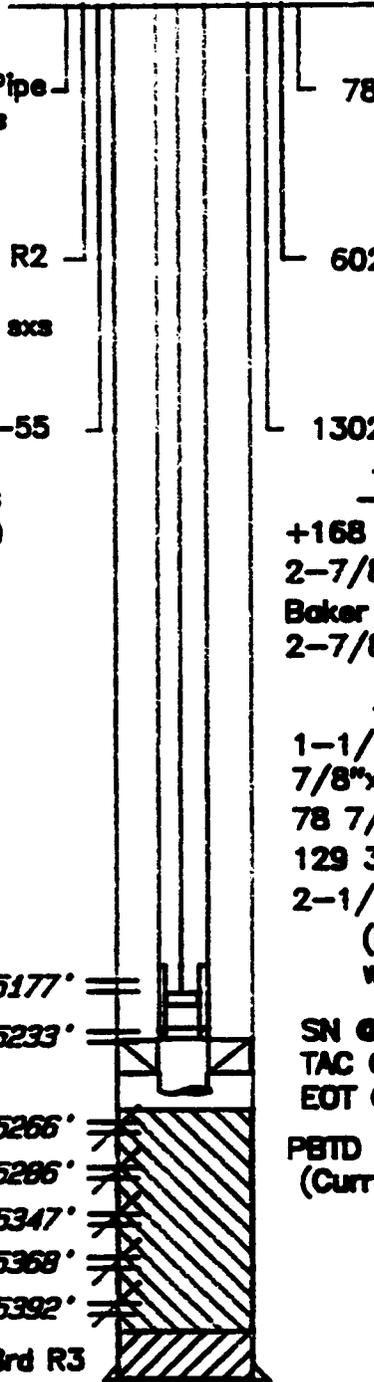
KB: 4457'  
GL: 4448.5'  
Z: 8.5' AGL

16" 62.75# Welded Line Pipe -  
Cmt'd to surf w/ 150 sxs

10-3/4" 32.75# H-40 R2 -  
8rd ST&C Cag  
Cmt'd to surf w/ 1200 sxs

8-5/8" 36# X-Line J-55  
R3 ST&C Cag  
Cmt'd w/ 300 sxs  
TOC @ 633' (Calc)

5-1/2" 14&15.5# 8rd R3  
J-55 ST&C Cag  
Cmt'd w/ 300 sxs  
TOC @ 4399' (Calc)



Tubing Detail

+168 jts 2-7/8" 6.5# J55 8rd tbg  
2-7/8" Mech SN  
Baker 5-1/2" Lok-Set Anchor  
2-7/8"x 8' Tubing sub

Rod Detail

1-1/4" Polish rod w/ 10' liner  
7/8"x 2' steel pony rod  
78 7/8" S-87 rods  
129 3/4" S-87 rods  
2-1/2"x 1-3/4"x 22' insert pump  
(RHBM CPID SV)  
w/ Rod guide & 2' pony

PERFS

Ismay 5158'-5177'  
DC IA 5204'-5233'  
DC IB 5250'-5266'  
DC W 5272'-5286'  
DC II 5304'-5347'  
DC II 5358'-5368'  
DC III 5383'-5392'

SN @ 5227'  
TAC @ 5231'  
EOT @ 5239'

PBTD 5245'  
(Current)

TD 5443'

GL Mendenhall  
19 JAN 1993

**McElmo Creek Unit I-21**  
**Proposed Schematic**

KB: 4457'  
 GL: 4448.5'  
 Z: 8.5' AGL

16" 62.75# Welded Line Pipe  
 Cmt'd to surf w/ 150 sxs

10-3/4" 32.75# H-40 R2  
 8rd ST&C Csg  
 Cmt'd to surf w/ 1200 sxs

8-5/8" 36# X-Line J-55  
 R3 ST&C Csg  
 Cmt'd w/ 300 sxs  
 TOC @ 633' (Calc)

TAC @ 4983'

PERFS

*Ismay* 5158'-5177'

*DC IA* 5204'-5233'

SN @ 5232'  
 EOT @ 5245'

*DC IB* 5250'-5266'

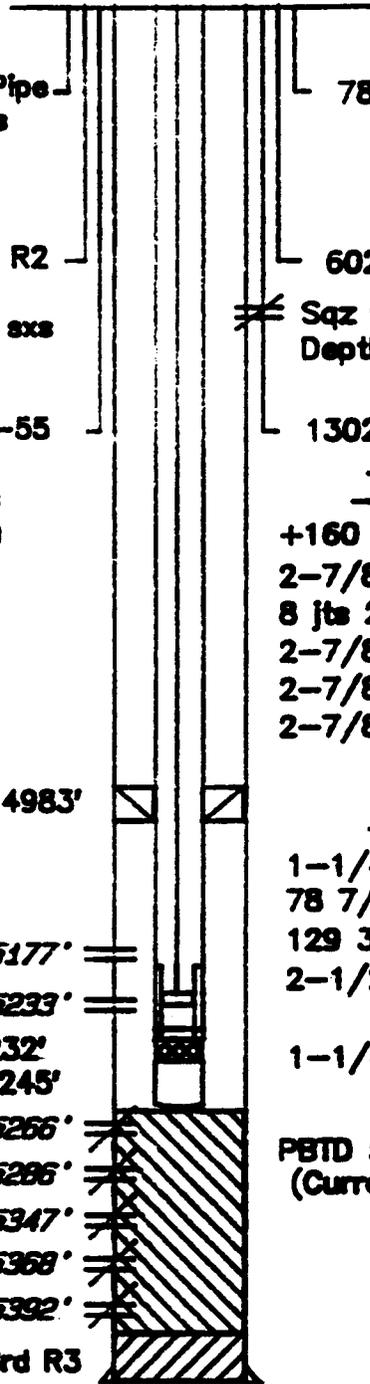
*DC N* 5272'-5286'

*DC II* 5304'-5347'

*DC II* 5358'-5368'

*DC III* 5383'-5392'

5-1/2" 14&15.5# 8rd R3  
 J-55 ST&C Csg  
 Cmt'd w/ 300 sxs  
 TOC @ 4399' (Calc)



78'

602'

Sqz Csg Leak  
 Depth TBD

1302'

Tubing Detail

+160 jts 2-7/8" 6.5# J55 8rd: tbg  
 2-7/8"x 5-1/2" TAC  
 8 jts 2-7/8" 6.5# J55 8rd tbg:  
 2-7/8" API SN (Cup-Type)  
 2-7/8"x 4' Perf sub  
 2-7/8"x 8' MA

Rod Detail

1-1/4" Polish rod  
 78 7/8" S-87 rods  
 129 3/4" S-87 rods  
 2-1/2"x 1-1/2"x 18' insert pump  
 (RHBC/SM plunger)  
 1-1/4"x 8' Slotted GA

PBTD 5245'  
 (Current)

TD: 5443'

GL Mendenhall  
 19 JAN 1993

## RECOMMENDED WORK PROCEDURE

-----

WELL NO.	I-21
LEASE	McElmo Creek Field
ANNULAR FLUID	Produced Fluids
WORKOVER FLUID	Fresh Water
WT. (LBS/GAL)	8.5
HYD. PRESS	2300 psi
RES. PRESS	est 1900 psi
ZONE	Ismay & Desert Creek IA

### Special Instructions:

\*Provide covered tank for carry-over (250 bbls capacity each).  
MI one set of pipe racks and  $\pm 5260'$  2-7/8" WS. Ensure has been notified 2 weeks prior to any casing work and MIT'S. Use Dowell Schlumberger for squeeze cementing materials and labor.

1. MIRU Big A DDPV.
2. Switch well to bypass, RU pump truck and kill well by pumping down casing annulus w/ clean fresh water until annulus is on a vacuum or static. Unseat insert pump and displace clean fresh water down tbg until well is killed.
3. ND stuffing box. NU stripping rubbers (as necessary).
4. POOH w/ 1-1/4" Polish rod w/ 10' liner, 7/8"x 2' steel pony rod, 78 7/8" S-87 rods, 129 3/4" S-87 rods, & 2-1/2"x 1-3/4"x 22' RHBM CPID SV insert pump w/ rod guide & 2' pony. Hang rods in derrick. LD insert pump.
5. ND wellhead. NU 900 Series BOP w/ adaptor flange (as necessary) w/ 2-7/8" pipe and blind rams. Insure BOP is pressure certified and tested to 3000 psi WP and 5000 psi MP. Use new gasket and all 12 bolts.
6. POOH w/  $\pm 168$  jts 2-7/8" 6.5# J55 8rd EUE tbg, 2-7/8" Mech SN, Baker 5-1/2" Lok-Set Anchor, and 2-7/8"x 8' tubing sub. Stand tbg back in derrick. Visually inspect pipe for rod wear & replace bad joints.
7. PU & GIH w/ 5-1/2" RBP, O/F tool, & 5-1/2" pkr on 2-7/8" WS. Set RBP @  $\pm 1350'$ . PU 500' & set pkr. Load hole w/ produced water. RU pump to tbg. Pressure test to 1000 psi for 5 minutes. Bleed down pressure. Tie onto backside and pressure test to 1000 psi for 5 minutes. If backside pressure falls off, continue to move up hole w/ pkr & RBP (while pressure testing) until leak is isolated. Once leak is located, GIH & retrieve RBP. PU & set RBP 50' below leak. PU & set pkr 100' above leak. Establish rate into leak while recording pressure. Open Bradenhead and determine if circulation is occurring to surface. Dump  $\pm 10$  ft sand on RBP. CONTACT ENGINEERING WHEN CASING LEAK IS FOUND.

8. Notify BLM of squeeze operation. RU Dowell Schlumberger's (DS) cmt truck and crew. If leak is small, spot cement across csg leak, set pkr & squeeze. If leak rate is  $> 0.5$  BPM, squeeze w/ 100 sxs cmt w/ additives. If circulation is seen to surface through Bradenhead, consult w/ Engineer on volume to displace to surface. During sqz, begin hesitation at 500 psi and hesitate as necessary to obtain a final sqz pressure of 1000 psi. If sqz is not obtained, overflush w/ 5 bbls fresh water and repeat sqz w/ 50 sxs neat cmt. Hold squeeze pressure overnight. RDMO DS.

	<u>CMT w/ ADDITIVES</u>	<u>NEAT CMT</u>
Type	Class G	Class G
Yield	1.145 cu-ft/sx	1.145 cu-ft/sx
Pump Time	+60 minutes	+2 hrs
Fluid Loss	10-25 cc/30 min	1000-1200 cc/30 min
Additives	2% CaCl+0.8% D127 (latex)	None

9. Bleed off pressure. POOH w/ pkr & WS. RU power swivel & reverse unit. PU & GIH w/ 4-3/4" bit, scraper, & DC's (as necessary) on 2-7/8" WS. DO/CO squeeze. Close pipe rams and pressure test squeeze to 1000 psi for 30 minutes ( $< 100$  psi leak-off in 30 minutes is acceptable). Bleed off pressure. (If squeeze does not pressure test, notify engineer for acid breakdown and re-squeeze procedure.) POOH w/ WS, DC's, scraper, & bit. LD tools. PU & RIH w/ O/F tool overshot for RBP. Circulate sand off of RBP. Sting onto O/F tool, retrieve RBP & POOH. LD RBP assembly.
10. GIH w/ 4-3/4" Varel bit, 5-1/2" 14&15.5# J55 csg scraper, & Bulldog hydrostatic bailer on 2-7/8" WS. CO to PBSD 5245'. RD swivel & reverse unit. POOH w/ 2-7/8" tbg & LD bailer, scraper, & bit. Notify Engineer if any scale or solids are present.
11. PU & GIH w/ 2-7/8"x 8' MA, 2-7/8"x 4' perfed sub, 2-7/8" API SN (Cup-Type), 3 jts 2-7/8" 6.5# J55 8rd tbg, 2-7/8"x 5-1/2" TAC,  $\pm 160$  jts 2-7/8" 6.5# J55 8rd tbg. Set TAC @  $\pm 4983'$ .
12. ND BOP. NU stripping rubbers (as necessary).
13. PU & GIH w/ 1-1/4"x 8' slotted GA, 2-1/2"x 1-1/2"x 18' RHBC/SM plunger insert pump, 129 3/4" S-87 rods, 78 7/8" S-87 rods, 7/8" steel pony rods (as necessary) and 1-1/4" polish rod.
14. ND stripping rubbers. NU wellhead. Space out rods & hang well on. Space pump approximately 16" off bottom. RDMO PU. Release well to production and put on test. Obtain dynamometer card to insure no overload conditions are present and that the system is functioning properly. (Reverse rotation direction on Pumping Unit.)

Pumping Unit Configuration:

Lufkin C320D-100RO-H-25.3 GBB	Conventional
9.0 SPM - CCW	20 HP Required
87.5" SL (2nd of 5 holes)	CBE 10790 lbs

**McElmo Creek Unit I-21  
Present Schematic**

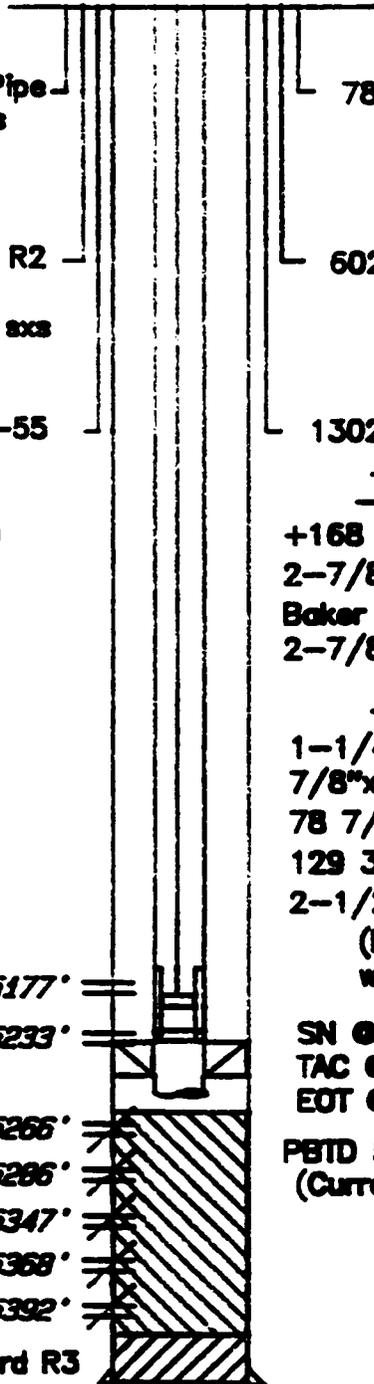
KB: 4457'  
GL: 4448.5'  
Z: 8.5' AGL

16" 62.75# Welded Line Pipe  
Cmt'd to surf w/ 150 sxs

10-3/4" 32.75# H-40 R2  
8rd ST&C Cag  
Cmt'd to surf w/ 1200 sxs

8-5/8" 36# X-Line J-55  
R3 ST&C Cag  
Cmt'd w/ 300 sxs  
TOC @ 633' (Calc)

5-1/2" 14&15.5# 8rd R3  
J-55 ST&C Cag  
Cmt'd w/ 300 sxs  
TOC @ 4399' (Calc)



Tubing Detail

+168 jts 2-7/8" 6.5# J55 8rd tbg  
2-7/8" Mech SN  
Baker 5-1/2" Lok-Set Anchor  
2-7/8"x 8' Tubing sub

Rod Detail

1-1/4" Polish rod w/ 10' liner  
7/8"x 2' steel pony rod  
78 7/8" S-87 rods  
129 3/4" S-87 rods  
2-1/2"x 1-3/4"x 22' insert pump  
(RHBM CPID SV)  
w/ Rod guide & 2' pony

PERFS

Ismay 5158'-5177'  
DC IA 5204'-5233'  
  
DC IB 5250'-5266'  
DC W 5272'-5286'  
DC II 5304'-5347'  
DC II 5358'-5368'  
DC III 5383'-5392'

SN @ 5227'  
TAC @ 5231'  
EOT @ 5239'

PBTD 5245'  
(Current)

TD 5443'

GL Mendenhall  
19 JAN 1993

**McElmo Creek Unit I-21  
Proposed Schematic**

KB: 4457'  
GL: 4448.5'  
Z: 8.5' AGL

16" 62.75# Welded Line Pipe  
Cmt'd to surf w/ 150 sxs

10-3/4" 32.75# H-40 R2  
8rd ST&C Cag  
Cmt'd to surf w/ 1200 sxs

8-5/8" 36# X-Line J-55  
R3 ST&C Cag  
Cmt'd w/ 300 sxs  
TOC @ 633' (Calc)

TAC @ 4983'

PERFS

Ismay 5158'-5177'

DC IA 5204'-5233'

SN @ 5232'

EOT @ 5245'

DC IB 5250'-5266'

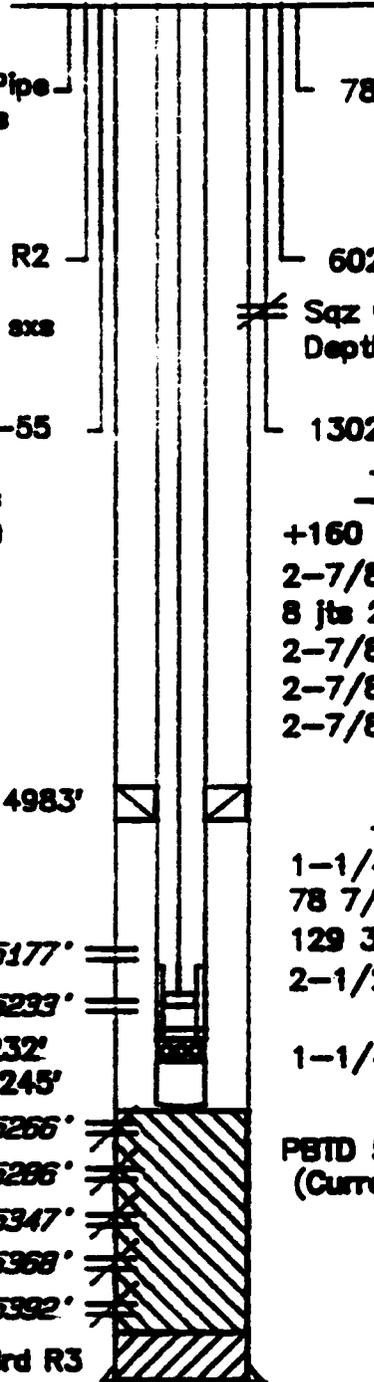
DC H 5272'-5286'

DC II 5304'-5347'

DC II 5358'-5368'

DC III 5383'-5392'

5-1/2" 14&15.5# 8rd R3  
J-55 ST&C Cag  
Cmt'd w/ 300 sxs  
TOC @ 4399' (Calc)



78'

602'

Sqz Cag Leak  
Depth TBD

1302'

Tubing Detail

- +160 jts 2-7/8" 6.5# J55 8rd: tbg
- 2-7/8"x 5-1/2" TAC
- 8 jts 2-7/8" 6.5# J55 8rd tbg:
- 2-7/8" API SN (Cup-Type)
- 2-7/8"x 4' Perf sub
- 2-7/8"x 8' MA

Rod Detail

- 1-1/4" Polish rod
- 78 7/8" S-87 rods
- 129 3/4" S-87 rods
- 2-1/2"x 1-1/2"x 18' insert pump  
(RHBC/SM plunger)
- 1-1/4"x 8' Slotted GA

PBTD 5245'  
(Current)

TD. 5443'

GL Mendenhall  
19 JAN 1993

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.  
14-20-603-370

6. If Indian, Allottee or Tribe Name  
NAVAJO TRIBAL

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

8. Well Name and No.  
I-21

9. API Well No.  
43-037-15953

10. Field and Pool, or Exploratory Area  
GREATER ANETH

11. County or Parish, State  
San Juan, Utah

SUBMIT IN TRIPLICATE

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
MOBIL OIL CORPORATION

FEB 12 1993

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)  
810 FNL, 660' FEL SEC. 13, T41S, R24E

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other <u>Cement Squeeze</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 Re-completion Report and Log (Form 3160-6))

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.)

PLEASE SEE ATTACHED PROCEDURE.

17-93  
JAN Matthews

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

Signed Shirley Todd SHIRLEY TODD Title ENGINEERING TECHNICIAN Date 1-27-93

(This space for Federal or State office use)

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



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

14-20-603-370

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

SUBMIT IN TRIPLICATE

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 I-21

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

9. API Well No.

43-037-15953

3. Address and Telephone No.

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

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

SEC.13, T41S, R24E  
810' FNL, 660' FEL

10. Field and Pool, or exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN UT

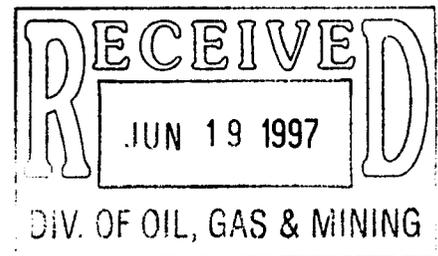
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input 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 checked="" 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 _____	<input type="checkbox"/> Dispose Water

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

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

SEE ATTACHMENT



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

Signed Shirley Dauchins

Title ENV. & REG. TECHNICIAN

Date 6-16-97

(This space for Federal or State office use)

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

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

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

MCELMO CREEK UNIT I-21  
SUSPECTED CASING LEAK PROCEDURE  
TOM COCHRANE (970) 564-5210 PAGER (970) 382-5070

1. MIRU PU. KILL WELL AS NEEDED (IS FLOWING WATER AT SURFACE). ND WH, NU BOP. UNSET PUMP, POH W/RODS, PUMP. UNSET TAC, POH W/TBG, TAC, SN, PS, OPMA.
2. GIH SET CIBP (NOT RBP, THIS MAY BE THE SECOND CASING LEAK ON THIS WELL, AND WE DON'T WANT TO BUY AN RBP FOR A WELL WE MAY ABANDON) ABOVE PERFS @ 5050'.
3. GIH W/PKR, TAG CIBP, SET 5' ABOVE, TEST CIBP AND CASING TO 500#. IF CIBP LEAKS, SET ANOTHER @ 5000'.
4. IF CASING HOLDS, POH. GIH DO CIBP, RE-RUN PROD EQPT AS PER WILSON DEE'S INSTRUCTIONS (970) 565-1323.
- 4B. IF CASING LEAKS, ISOLATE LEAK (PROBABLY INTERVAL 443-473' LEAKED IN 1993).
5. IF CAN EIR IN LEAK, SET CMT RET 75' ABOVE LEAK TOP, SQZ W/100 SX G NEAT TO 1500#. IF BLEEDOFF LEAK, SPOT 25 SX ACROSS & ABOVE LEAK, WALK-IN SQUEEZE TO 1500#. RO CMT. LEAVE PRESSURE ON SQUEEZE OVERNIGHT.
6. DO CMT, TEST CSG. IF LEAKS, CONSULT OE (TOM COCHRANE) FOR NEXT SQUEEZE ATTEMPT. IF HOLDS, DO CMT RET, RUN PROD EQPT AS PER WILSON DEE'S INSTRUCTIONS (970) 565-1323.

6/11/97 TOM COCHRANE

**STATE OF UTAH**  
**DIVISION OF OIL, GAS AND MINING**  
 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

**MONTHLY OIL AND GAS PRODUCTION REPORT**

OPERATOR NAME AND ADDRESS:

C/O MOBIL OIL CORP  
 M E P N A  
 PO DRAWER G  
 CORTEZ CO 81321

UTAH ACCOUNT NUMBER: N7370

REPORT PERIOD (MONTH/YEAR): 6 / 95

AMENDED REPORT  (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
MCELMO CR E-18								
4303715706	05980	41S 24E 11	DSCR					
MCELMO CR F-20								
4303715707	05980	41S 24E 12	ISMY					
MCELMO CREEK H-20								
4303715708	05980	41S 24E 12	ISMY					
MCELMO CR F-22								
4303715947	05980	41S 24E 13	DSCR					
MCELMO CR F-26								
4303715949	05980	41S 24E 24	IS-DC					
MCELMO CR H-22								
4303715950	05980	41S 24E 13	DSCR					
MCELMO CR H-24								
4303715951	05980	41S 24E 13	DSCR					
MCELMO CR H-26								
4303715952	05980	41S 24E 24	DSCR					
MCELMO CR I-21								
4303715953	05980	41S 24E 13	DSCR					
MCELMO CR O-22-A								
4303715970	05980	41S 25E 17	DSCR					
MCELMO CR S-18								
4303715978	05980	41S 25E 9	DSCR					
MCELMO CR S-22								
4303715980	05980	41S 25E 16	DSCR					
MCELMO CR U-18								
4303715982	05980	41S 25E 9	DSCR					
<b>TOTALS</b>								

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

I hereby certify that this report is true and complete to the best of my knowledge.

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

Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

**PHONE CONVERSATION DOCUMENTATION FORM**

Route original/copy to:

Well File \_\_\_\_\_  
\_\_\_\_\_  
(Location) Sec \_\_\_ Twp \_\_\_ Rng \_\_\_  
(API No.) \_\_\_\_\_

Suspense  
(Return Date) \_\_\_\_\_  
(To - Initials) \_\_\_\_\_

Other  
OPER NM CHG \_\_\_\_\_  
\_\_\_\_\_

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

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

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

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

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

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

# Mobil Oil Corporation

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

May 14, 1986

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

Attn: R. J. Firth  
Associate Director

RECEIVED  
MAY 16 1986

DIVISION OF  
OIL, GAS & MINING

## SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

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

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

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

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

Very truly yours,



R. D. Baker  
Environmental Regulatory Manager

CNE/rd  
CNE8661

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

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

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

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

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

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

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

Name: <b>** SEE ATTACHED **</b>	API: <u>037-15953</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
- inf 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) \_\_\_\_ (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/ Lee* 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- \_\_\_ 2. A copy of this form has been placed in the new and former operators' bond files.
- \_\_\_ 3. The former operator has requested a release of liability from their bond (yes/no) \_\_\_\_ . Today's date \_\_\_\_\_ 19\_\_\_. If yes, division response was made by letter dated \_\_\_\_\_ 19\_\_.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A* 1. (Rule R615-2-10) The former operator/lessee of any **fee lease** well listed above has been notified by letter dated \_\_\_\_\_ 19\_\_, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested. *UTS 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 3 1995.

FILING

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

COMMENTS

*950803 UIC F5/Not necessary!*

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.

14-20-603-370

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 I-21

9. API Well No.

43-037-15953

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 Exploration & Producing U.S. Inc.  
as Agent for Mobil Producing TX & NM Inc.

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

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

SEC.13, T41S, R24E  
810' FNL, 660' FEL

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

TYPE OF SUBMISSION

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

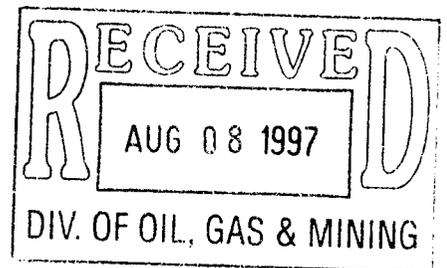
TYPE OF ACTION

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

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

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



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

Signed Shirley Bouckin Title ENV. & REG. TECHNICIAN Date 8-05-97

(This space for Federal or State office use)

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

Conditions of approval, if any:

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

NO tax credit - 10/97

\* See Instruction on Reverse Side

**ATTACHMENT - FORM 3160-5**  
**McELMO CREEK UNIT #I-21**  
**14-20-603-370**  
**NAVAJO TRIBAL**  
**SAN JUAN, UTAH**

- 06-25-97 NOTIFY MELVIN CAPITAN W/NAVAJO EPA @ 4:15 PM 6-25-97 OF INTENT TO DIG & LINE WORKOVER PIT. LEFT VOICE MAIL MESSAGE. RECEIVED VERBAL PERMISSION F/WAYNE TOWNSEND @ BLM ON 6-16-97 TO BEGIN WORKOVER OPS., MIRU NAVAJO WEST RIG #15. WELL FLOWING WTR, RU TO TANK WHILE POOH W/RODS & PUMP. RU STEEL LINES TO PUMP, WO DIRT PIT & TRENCH TO BE DUG & LINED. SDFN.
- 06-26-97 ND, WH, NU BOP. PPH W/165 JTS 2 7/8" TBG, TAC & MA., PU CIBP, RIH & SET @ 5108. PPH W/TBG, PU TENSION PKR, RIH & SET @ 518'. TEST DOWN TBG-500 PSI GOOD. BEGIN SEARCH FOR CSG LEAK. ISOLATE LEAK TESTING DN BACKSIDE & TBG BETWEEN 265-296'. EIR OF 1.5 BPM @ 250 PSI. OPEN BRADENHEAD VALVE, CIRC THRU CSG LEAK UP TO SURF THRU VALVE. READY TO SQUEEZE IN AM. TURN WELL BACK DOWN FLOWLINE, SDFN.
- 06-27-97 MIRU DOWELL CMT. RU & TEST LINES TO 500 PSI. PUMP 5 BBL H2O DOWN CSG UP THRU BRADENHEAD TO VERIFY CIRC. BEGIN PUMP 15.8 PPG CMT W/2% CACL DOWN CSG. CIRC THRU BRADENHEAD AFTER 18 BBL SLURRY, 50 PSI. SHUT VALVE, WALK IN CMT @ 1 BBL/MIN, PRESSURE UP TO 250 PSI. HESITATE SQUEEZE IN 13 BBL SLURRY. PUMP DISPLACEMENT 1/4 BBL. SD 20 MIN. TOTAL OF 4 BBL, MAX PRESSURE 400 PSI. SWI W/150 PSI. SDFN.
- 06-29-97 PU 4 3/4" BIT, BIT SUB, & TBG. RIH, TAG CMT @ 263'. DRILL 1 FT SOFT CMT, THEN GOOD CMT TO 289', TOTAL OF 26' CMT. CIRC HOLE CLEAN. NO FLOW OBSERVED F/SQUEEZE INTERVAL. RU CHARD RECORDER & TEST SQUEEZE. PRESSURE UP TO 500#. BLEED OFF TO 100# IN 20 MIN. RE-CHECK & TIGHTEN ALL SURFACE CONNECTIONS. PRESSURE UP AGAIN TO 500 PSI, HELD SOLID 500# ON BOTH CHART & PRESSURE GUAGE FOR 30 MIN. FIN TIH W/BIT, DCS & 2 7/8" TBG TO 5108'. TAG CIBP, SWI & SDFN.
- 06-30-97 SICP @ 7:30 AM WAS 0 PSI, RIG UP & DRLG. OUT CIBP F/5108-5109'. SHUT RIG DOWN/SAFETY MEETING, DRLG ON CIBP, CONT F/5109-5110'. RIH TO 5252', SWIFN.
- 07-01-97 SITP @ 7:30 WAS 10 PSI. RU & KILL WELL/POH W/ 2.875" WORKSTRING & DRLG. COLLARS. WELL START FLOWING. RIH W/PKR TO 500'. TEST ANN. LEAKED, FIND CSG LEAK, RIH W/BRIDGE PLUG TO 1260' SET. DUMP SAND. SWIFN.

**ATTACHMENT - FORM 3160-5**  
**McELMO CREEK UNIT #I-21**  
**14-20-603-370**  
**NAVAJO TRIBAL**  
**SAN JUAN, UTAH**  
**PAGE 2**

- 07-02-97 SICP @ 7:30 WAS 0 PSI. MIRU DOWELL CMT UNIT, RIH W/2 7/8" TBG TO 310'. DISPLACE CSG, MIX & PUMP CLASS "G" CMT. WITH 3% CACL2 DOWN 2 7/8" TBG. TO SURFACE. POH W 2 7/8" TBG. LOAD HOLE & DISPLACE 2 BBLs OF CMT INTO FORMATION. PRESSURE TO 500 PSI. HOLDING, RIH W/ 2 7/8" TBG TO 60' CIRC HOLE CLEAN O CMT. TO SURFACE. CLOSE BLIND RAMS & PRESSURE UP TO 500 PSI, TOTAL CLASS "G" CMT W/3% CACL2 WAS 14 BBLs (50 SKS) SWIW/500 PSI ON CSG.
- 07-03-97 RU TO RIG PUMP & TEST CMT. SQUEES TO 500 PSI. OK MAKE UP 4.75" BIT ON 3.75" DRLG COLLAR. RIH TO 67'. DRLG OUT CMT F/67-184'. CIRC HOLE CLEAN, POH SIFN.
- 07-04-97 SIP @ 7:30 WAS 0 PSI. RIH W/ 4 .75" BIT 3.75" DRLG COLLAR, RUN ON 2 7/8" TBG TO 184'. DRLG OUT CMT F/184-310'. RIG UP TEST CHART, TEST CSG, LEAK F/265-296', TO 500 PIS. CSG. LEAKED OFF TO 100 PSI. IN 3 MIN. POH STAND BACK DRLG COLLAR, SIFN & SUNDAY.
- 07-07-97 MIRU DOWELL CMT. UNIT, RIH W/2.875" TBG TO 350', MIX & PUMP 27 SACKS OF CLASS "G" CMT W/3% CACL2. POH W/2.875" TBG. DISPLACE CMT. DOWN CSG 2.5 BBLs TO 1500 PSI & HOLDING. SWIW/1500 PSI ON CSG.
- 07-08-97 RIH W/4.75" BIT & 6-3.75 DRLG COLLARS TO 268', TEST OK. DRLG OUT F/268' TO 350', TEST CSG. LEAKED. POH LAY DOWN DRLG COLLARS RIH & RETV. BRIDEG PLUG, RIH W/CIBP TO 5108'. SET, POH, SIFN.
- 07-09-97 RIH W/BULL PLUG, PERF. SUB & 2.875" TBG TO 5050'. RU& RIH W/PUMP RODS. POH & LAY DOWN. POH & LAW DOWN WORKSTRING TO 188.40'. NIPPLE DOWN BOPE, CAP WELL, SWI.
- 07-10-97 RDMO NAVAJO WEST RIG #15. MOVE OFF RIG EQUIPMENT, TEMPORARILY SUSPEND OPERATIONS.

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.

14-20-603-370

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 I-21

9. API Well No.

43-037-15953

10. Field and Pool, or exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN UT

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well  Gas Well  Other

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

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

3. Address and Telephone No.

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

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

SEC. 13, T41S, R24E  
810' FNL, 660' FEL

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

TYPE OF SUBMISSION

- Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

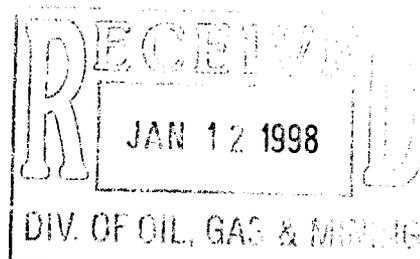
TYPE OF ACTION

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

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

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

MOBIL REQUESTS AN EXTENSION FOR SHUT IN STATUS. WELL IS BEING EVALUATED FOR FUTURE UTILITY.



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

Signed Shirley Houchins

Title SHIRLEY HOUCHINS, ENV. & REG. TECH

Date 1-09-98

(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

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.

14-20-603-370

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 I-21

9. API Well No.

43-037-15953

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)

NE/NE SEC. 13, T14S, R24E  
810' FNL & 660' FEL

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

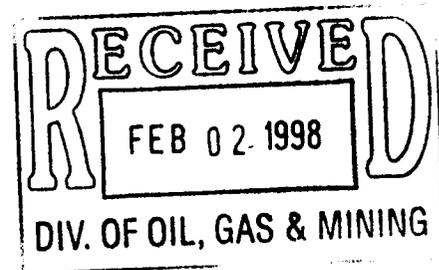
TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>RUN &amp; CMT LINER</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 of 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.)\*

OBJECTIVE TO RUN A 4" LINER FROM SURFACE TO +/- 5150' AND CEMENT IN PLACE.

SEE ATTACHED.



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

Signed Shirley Houchins

Title SHIRLEY HOUCHINS, ENV. & REG. TECH

Date 01-28-98

(This space for Federal or State office use)

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

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

**McElmo Creek Unit #I-21**  
Liner Procedure

The objective of this operation is to run a 4" liner from surface to ± 5150'. The liner will be cemented in place.

1. SI well. MIRU pulling unit and auxiliary equipment.
2. ND wellhead. NU BOP. Pressure test BOPs
3. RIH w/ 4 ¼" bit + csg scraper + ws. Tag CIBP @ 5108'. Circ hole clean.
4. PU liner (4", 11.6#, L80, FL4S – R3). Make up cement shoe on first jt of liner.
5. Run liner to ± 5150'
6. Cement liner in place circulating cement to surface.
7. WOC 12 hours.
8. RIH w/ 3 ¼" bit + ws to clean out liner to 5108'
9. RIH w/ 3 ¼" conebuster and drill out CIBP @ 5108'
10. LD ws. RIH w/ designed production equipment.
11. ND BOP. NU WH. RDMO.

810' FNL  
660' FEL  
S-13  
T41S  
R24E  
San Juan Co., Utah

McElmo Creek Unit  
1-21  
Current Wellbore

YPO: 1/26/98  
KB: 4464'  
GL: 4453'

16" 62.6# @ 78'  
w/ 150 sx to surface

10 3/4" 32.75#, H40 8rd STC @ 602'  
w/ 1200 sx to surface

8-5/8" 38# J55 @ 1320'  
TOC 633'

Attempted to squeeze csg leak @ 150' on  
6/26/97 - no success

Squeezed csg leak @ 263' - 296'  
6/26/97

Squeezed csg leak @ 443' - 473'  
2/12/93

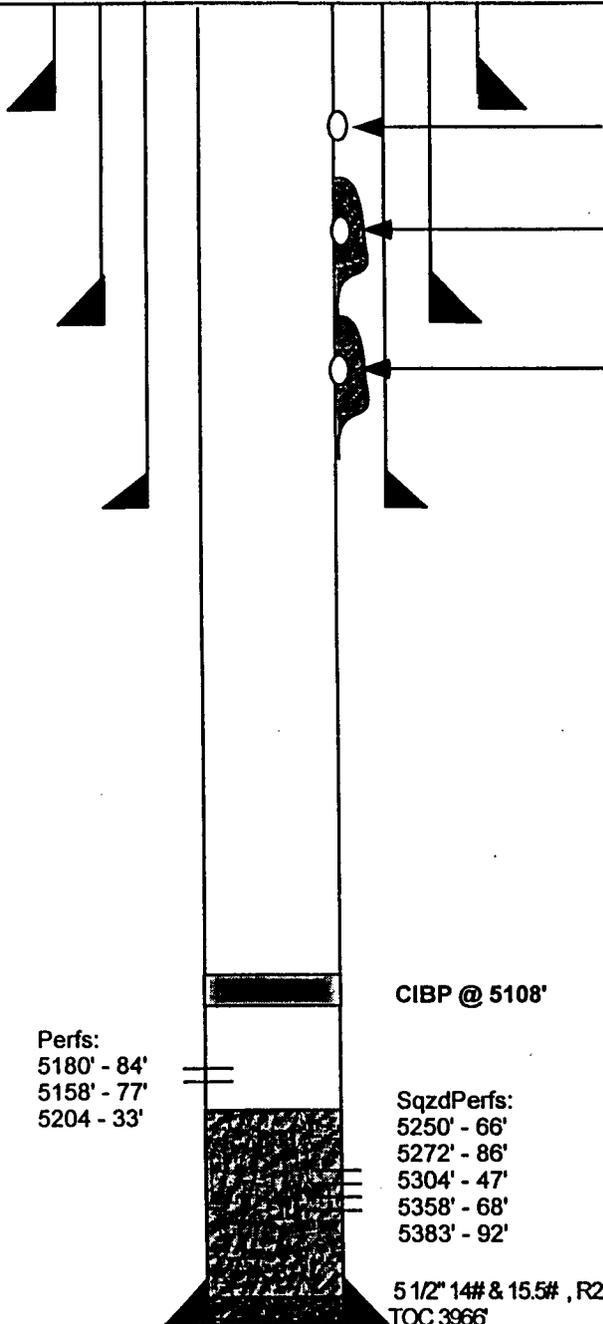
Perfs:  
5180' - 84'  
5158' - 77'  
5204 - 33'

CIBP @ 5108'

SqzdPerfs:  
5250' - 66'  
5272' - 86'  
5304' - 47'  
5358' - 68'  
5383' - 92'

TD: 5443' PBTD: 5245"

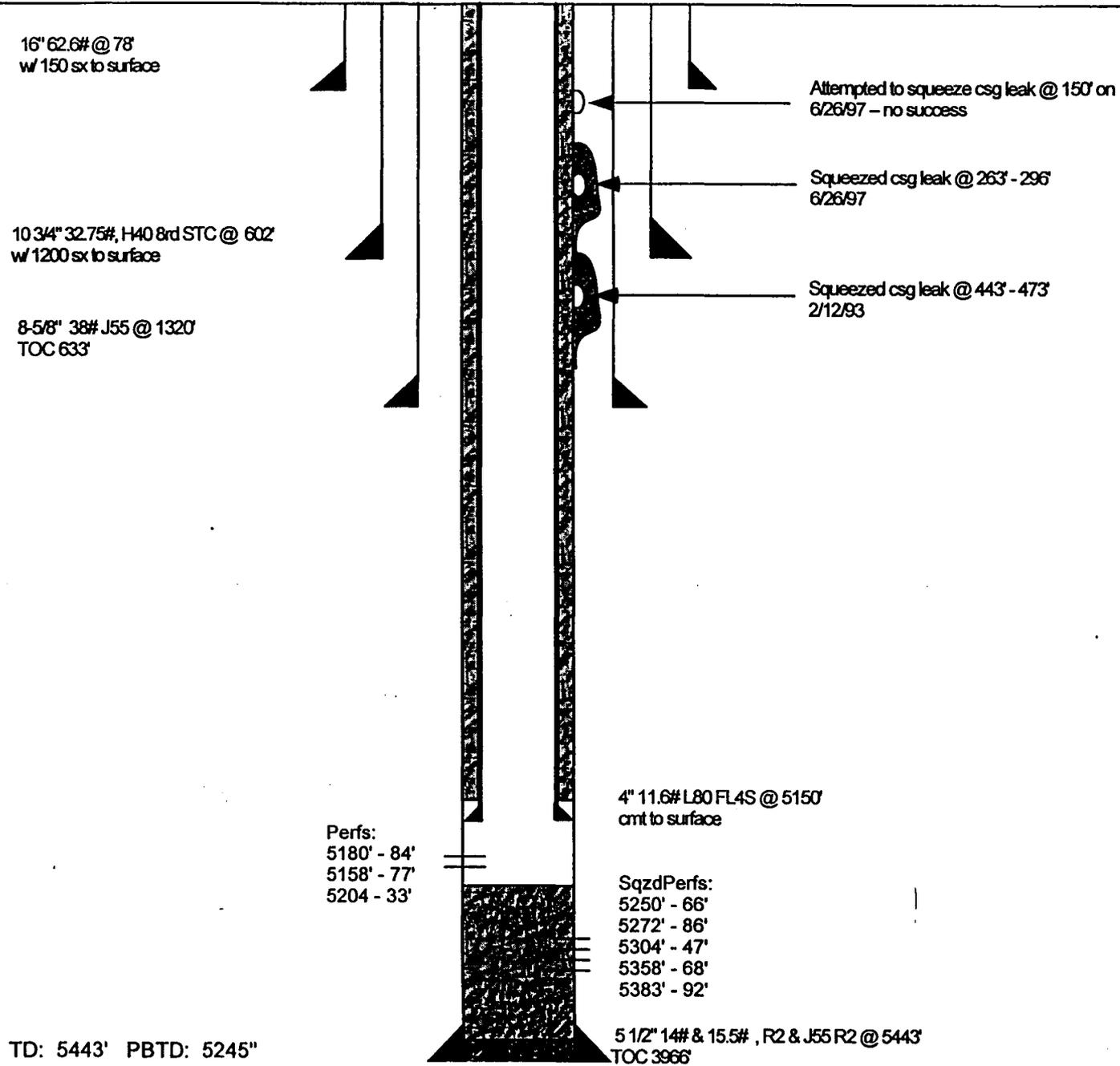
5 1/2" 14# & 15.5# , R2 & J55 R2 @ 5443'  
TOC 3966'



810' FNL  
660' FEL  
S-13  
T41S  
R24E  
San Juan Co., Utah

McElmo Creek Unit  
1-21  
Proposed Wellbore

YPO: 1/26/98  
KB: 4464'  
GL: 4453'



TD: 5443' PBTD: 5245"



ATTACHMENT - FORM 3160-5

MCELMO CREEK I-21

43-037-15953-00

NAVAJO TRIBAL

SAN JUAN, UTAH

02-27-98 MIRU NAVAJO WEST #15. TAG CIBP @ 5114.13' RIG UP PUMP & LINES SI & SDFN  
02-28-98 TOH W TBG L/D BIT & SCRAPER. RIG DOWN TONGS & FLOOR CLEAN OUT CELLAR.  
SI & SDFN  
03-02-98 NDBOP TOH LAYING DOWN TBG, SI & SDFN  
03-03-98 FINISH LAYING DOWN TBG INSTALL TOP FLANGE ON WELLHEAD WITH 2" VALVE  
RIG DOWN UNIT & MOVE TO PROD JOB  
03-12-98 CALLED NAVAJO EPA ON 13:19 ON 11-MAR-98. TALKED TO CHRIMINE TSO.  
INFORMED OF INTENT TO DIG AND LINE GROUND PIT. OK. BIM ON 13:23 ON 11-  
MAR-98. TALKED TO MARK KELLY. INFORMED OF INTENT TO RUN 4" LINER CSG.  
AND CMT. IN PLACE. OK. MOVE IN RIG UP NAVAJO WEST RIG #15. SIFN.  
03-13-98 SHUT IN CSG. PRESSURE @ 7:30 WAS 0 PSI. NIPPLE DOWN TBG. HEAD. 16" COND.  
CSG. CHIP AWAY CMT. 10.75" CSG. REMOVE CSG. HEAD. WELD ON NEW 8.625" X 11"  
3000 # CSG. HEAD. SET 5.5" CSG. NIPPLE UP CSG. TEST TO 1000 PSI. OK. NIPPLE UP  
BOPE SPOOL. NIPPLE UP BOPE. FOR SIFN.  
03-14-98 SHUT IN CSG. PRESSURE @ 7:30 WAS 0 PSI. RIG UP CSG. TONGS, RIG UP TO RUN 4"  
CSG. RIH WITH 4" 11.34 #, L-80, R-3, FL4S CSG. TO 5112.28'. RIG UP CIRC. HOLE. SIFN.  
03-15-98 MOVE IN RIG UP DOWELL CMT. UNIT. SHUT IN CSG. PRESSURE @ 7:30 WAS 0 PSI.  
DOWELL BATCH MIX AND CMT. 4" CSG. INTO 5.5" CSG. WITH 235 SACKS OF 65-35  
POZ CLASS 'C' CMT. + .3% TIC DISPERSENT + .5% CHEMICAL EXTENDER + .1%  
RETARDER + .2% ANTIFOAM + 1.5 GAL. SACK LATEX. MIX CMT. 78 SACKS OF CMT.  
TO PIT. RIG DOWN RDMO DOWELL. RIG DOWN RIG FLOOR. NIPPLE DOWN BOPE  
AND SET OUT. SET 4" X 11" X 3000 LB. CSG. SLIPS. 4" CSG. LAY DOWN. FINAL CUT  
4" CSG. AND DRESS OFF. NIPPLE UP. TBG. HEAD. TEST TO 1100 PSI. OK. NIPPLE UP  
BOPE. SIFN  
03-16-98 SHUT IN PRESSURE @ 7:30 WAS 0 PSI. RIG UP RIG FLOOR TO RUN 2 3/8" TBG. RIH  
WITH 3.23" OD MILL, X/O SUB, RUN ON 2.375" TBG. TO 5062' TOP OF FLOAT COLLAR  
RUBBER. DRLG. OUT CMT. PLUG AND FLOAT COLLAR, DRLG. OUT CMT. FROM  
5062' TO 5074' CIRC. HOLE CLEAN. SIFN  
03-17-98 SHUT IN CSG. PRESSURE @ 7:30 WAS 0 PSI. RIG UP AND DRLG. OUT CMT. FROM  
5074' TO 5112'. DRLG. FLOAT SHOE AND CMT 5114'. DRLG. OUT CAST IRON BRIDGE  
PLUG FROM 5114' TO 5117'. RIH TO 5134'. CIRC. HOLE CLEAN. POH TO 5064'. SHUT  
WELL IN WITH 400 PSI. ON TBG. SIFN  
03-18-98 SHUT IN PRESSURE @ 7:30 WAS 300 PSI. OPEN TO TEST TANK. BLEED WELL DOWN  
150 PSI IN 10 MIN. RIG UP AND KILL WELL. WELL DEAD. RIG DOWN POWER  
SWIVEL, LAY DOWN EXCESS 2 3/8" TBG. POH WITH STRING MILL AND LAY DOWN.  
RIH WITH 4" GUIBERSON 'G-VI' PACKER RUN ON 2 3/8" TBG. TO 5050.98'. SET PAKER  
DISPLACE HOLE WITH 11.6 PPG KILL FLUID. MIRU UP / TEFTELLER SLICKLINE UNIT.  
RIH TO 5052' ONTO 'F' PLUG. RELEASE. POH. RDMO OFF. SIFN  
03-19-98 SHUT IN TBG. PRESSURE @ 7:30 WAS 150 PSI, MIRU DOWELL ACID UNIT. ACIDIZE  
PRODUCTION PERFS FROM 5158' TO 5177', 5180' TO 5184', FROM 5204' TO 5233' WITH  
6000 GAL. OF 15% HCL ACID IN 5 STAGES. RDMO DOWELL. WELL SHUT IN 1 HOUR.  
TBG. PRESSURE OF 950 PSI. OPEN WELL TO TEST TANK ON .75" CHOKE. FLOW  
TBG. PRESSURE FROM 950 PSI TO 200 PSI IN 10 MIN. SIFN.

03-20-98 SHUT IN TBG. PRESSURE @ 7:00 WAS 800 PSI. RIG UP AND KILL WELL WITH 20 BBLs OF 11.6 PPG KILL FLUID, DOWN TBG. WELL DEAD. RELEASE PACKER. LAY DOWN PACKER. PICK-UP AND RIH WITH 2 3/8" BULL PLUG, 1- JOINT OF 2 3/8" TBG., 4' PERF SUB, 2 3/8" SEATING NIPPLE. RUN ON 166 JOINT OF 2 3/8" TBG. TO 5232.97'. SEATING NIPPLE @ 5196.72' NIPPLE DOWN BOPE, NIPPLE UP PRODUCTION HEAD. SIFN.

03-21-98 SHUT IN PRESSURE @ 7:30 WAS 250 PSI. RIG UP AND KILL WELL. WELL DEAD. RIG UP PUMP JACK HEAD. TBG. AND TEST PUMP TO 600 PSI. OK. RIG PUMP JACK CLAMP. RDMO NAVAJO WEST RIG #15. FINAL WORKOVER REPORT. TURN WELL OVER TO PRODUCTION.

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

ORIGINAL FILING   
AMENDED FILING

Page 1 of 3

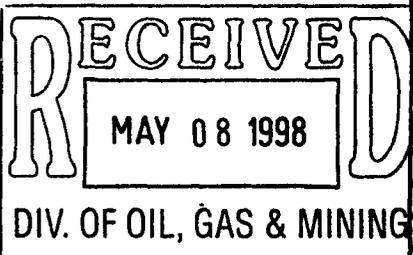
DESIGNATION OF WORKOVER OR RECOMPLETION			
1. Name of Operator MOBIL EXPLORATION/PRODUCING U.S.	2. Utah Account Number N-	6. Well Name and Number McEhmoCreek UNIT I-21	
3. Address of Operator P. O. DRAWER G CORTEZ, COLORADO 81321		8. API Well Number 43-037-15953-00	
4. Telephone Number 303-565-2207		7. Field Name GREATER ANETH	8. Field Code Number
9. Location of Well Footage : 810' FNL, 660' FEL OO. Sec. T., R.: Sec: 13-T 41S-R 24E County : SAN JUAN State : UTAH			

COMPLETE ALL SECTIONS. ATTACH ADDITIONAL SHEETS IF NEEDED.

10. TYPE OF WORK (Check One)	11.
<input type="checkbox"/> Production enhancement <input type="checkbox"/> Convert to injection <input type="checkbox"/> Recompletion <input checked="" type="checkbox"/> Repair well	Date work commenced <u>27-Feb.-1998</u> Date work completed <u>21-MAR-1998</u>

12. THE FOLLOWING EXPENSES FOR OPERATIONS ARE SUBMITTED FOR DESIGNATION AS WORKOVER OR RECOMPLETION EXPENSES UNDER U.C.A. 59-5-102(4):

- a. Location preparation and cleanup
- b. Move-in, rig-up and rig-down (including trucking)
- c. Rig charges (including fuel)
- d. Drill pipe or other working string
- e. Water and chemicals for circulating fluid (including water hauling)
- f. Equipment purchase
- g. Equipment rental
- h. Cementing
- i. Perforating
- j. Acidizing
- k. Fracture stimulation
- l. Logging services
- m. Supervision and overhead
- n. Other (itemize)  
Trucking  
Slickline  
DISPOSAL OF Fluid



Expenses	Division Approval
\$ 850	
1900	
28268	
1800	
17840	
73286	
12805	
12525	
8800	
24425	
9050	
1515	
5750	

o. Total submitted expenses \$199,314.<sup>00</sup>  
 p. Total approved expenses \$168,000.<sup>00</sup>

13. LIST CONTRACTORS PROVIDING SERVICES VALUED AT MORE THAN \$3,000.00.

Contractor	Location (city, state)	Services Provided
MONTUZUMA Well Service	MONTUZUMA CREEK - UTAH	Pulling Unit
MONTUZUMA TRUCKING	MONTUZUMA CREEK - UTAH	Fluid Hauling & Disposal
Dowell	FARMINGTON, New Mexico	SMT. & Acidize

14. LIST WORKING INTEREST OWNERS WHO TAKE PRODUCT IN KIND AND ARE AUTHORIZED TO SHARE IN THE TAX CREDIT.

Name	Address	Utah Account No.	Percent of Interest

I hereby certify that the foregoing is true and correct

Name & Signature D. A. Russell Title DRlg. Supv. Date 03-22-98

(State Use Only)





**Exhibit A**

14. LIST WORKING INTEREST OWNERS WHO TAKE PRODUCT IN KIND AND ARE AUTHORIZED TO SHARE IN THE TAX CREDIT.

**McElmo Creek Unit**

Name	Address	Percent of Interest
MEPNA	P O Box 219063 Dallas TX 75221-9063	.4756208
Texaco Exploration & Production Inc.	P O Box 2100 Denver CO 80201-2100	.2004771
Plains Petroleum Operating Co.	1901 Energy Court, Ste. 155 Gillette WY 82718	.0384530
Exxon Co. USA	P O Box 1700 Midland TX 79702-1700	.2854491

**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.

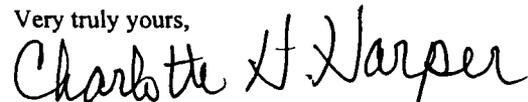
Please note the change of name of MOC to ExxonMobil Oil Corporation in your records pertaining to any MOC permits.

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

~~XXXXXXXXXXXX~~  
Navajo Area Office  
NAVAJO REGION

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

**AUG 30 2001**

IN REPLY REFER TO:

RRES/543

**CERTIFIED MAIL - RETURN RECEIPT REQUESTED**

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

Dear Ms. Harper:

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

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

Sincerely,

**DEANMI 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 /	<u>DM</u>
NATV AM MIN COORD	_____
SOLID MIN TEAM	_____
PETRO MGMT TEAM	<u>2</u>
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

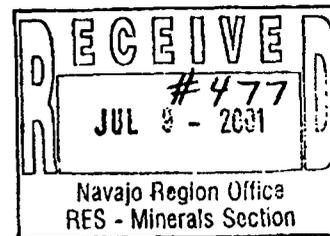
*PS 7/12/2001*  
*SN*  
*593*  
*File*

June 27, 2001

**ExxonMobil**  
Production

Certified Mail  
Return Receipt Requested

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



Change of Name -  
Mobil Oil Corporation to  
ExxonMobil Oil Corporation

Dear Ms. Denetsone:

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

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

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

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

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

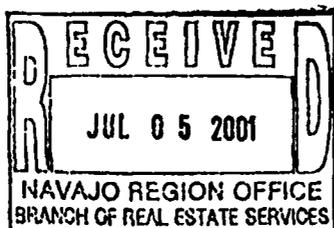
If you have any questions , please contact Alex Correa at (713) 431-1012.

Very truly yours,

*Charlotte H. Harper*

Charlotte H. Harper  
Permitting Supervisor

Attachments



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

*NOTE: Check forwarded to Ella Jassi*

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

Gentlemen:

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

**OFFICERS**

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

**DIRECTORS**

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

Sincerely,



Alex Correa

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



Signature

AGENT AND ATTORNEY IN FACT

Title

**CERTIFICATION**

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

**CHANGE OF COMPANY NAME**

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

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

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

ExxonMobil Oil Corporation",

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

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

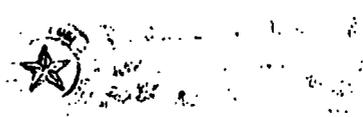
WITNESS, my hand and the seal of the Corporation at Irving, Texas, this 8th day of June, 2001.

*S. A. Sullivan*  
Assistant Secretary

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

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

*Janice M. Phillips*  
Notary Public



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

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

6/1/01

# CHUBB GROUP OF INSURANCE COMPANIES

1000 West Loop South, Suite 1900, Houston, Texas 77027-3537  
Telephone: (713) 297-4600 • Facsimile: (713) 297-4750

*NW Bond*

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

**BOND NO 8027 31 97**

wherein

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

**FEDERAL INSURANCE COMPANY AS SURETY,**

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

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

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

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

**TO : ExxonMobil Oil Corporation**

All other terms and conditions of this Bond are unchanged.

Signed, sealed and dated this 12<sup>th</sup> of June, 2001.

**ExxonMobil Oil Corporation**

By:



**FEDERAL INSURANCE COMPANY**

By:

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



**Chubb  
Surety**

**POWER  
OF  
ATTORNEY**

**Federal Insurance Company  
Vigilant Insurance Company  
Pacific Indemnity Company**

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

Know All by These Presents, That FEDERAL INSURANCE COMPANY, an Indiana corporation, VIGILANT INSURANCE COMPANY, a New York corporation, and PACIFIC INDEMNITY COMPANY, a Wisconsin corporation, do each hereby constitute and appoint

R.F. Bobo,

Mary Pierson, Philana Berros, and Jody E. Specht of Houston, Texas-----

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

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

Kenneth C. Wendel, Assistant Secretary

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 dependent's presence.



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

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, Assistant Secretary

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

CSC.

5184334741

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

CSC.

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

F010601000187

CERTIFICATE OF AMENDMENT  
OF  
CERTIFICATE OF INCORPORATION  
OF  
MOBIL OIL CORPORATION

CSC 45

(Under Section 805 of the Business Corporation Law)

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

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

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

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

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

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

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

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

CSC  
CSC

5184334741

06/01 '01 08:47 NO.410 04/05  
06/01 '01 07:06 NO.133 03/04

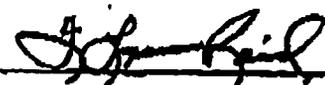
FOURTH: That the amendments to the Certificate of Incorporation were authorized by the Board of Directors followed by the holder of all outstanding shares entitled to vote on amendments to the Certificate of Incorporation by written consent of the sole shareholder dated May 22, 2001.

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

  
\_\_\_\_\_  
F. A. Ritch, President 

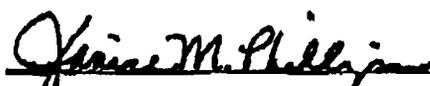
STATE OF TEXAS        )  
COUNTY OF DALLAS    )

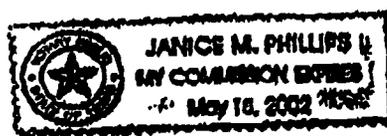
F. L. REID, being duly sworn, deposes and says that he is the Secretary of MOBIL OIL CORPORATION, the corporation mentioned and described in the foregoing instrument; that he has read and signed the same and that the statements contained therein are true.

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

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

[SEAL]

  
\_\_\_\_\_  
NOTARY PUBLIC, STATE OF TEXAS



CSC  
CSC

5184334741

06/01 '01 09:01 NO.411 02/02  
06/01 '01 09:06 NO.157 04/04  
**F010601000187**

**CSC 45**

**CERTIFICATE OF AMENDMENT**

**OF**

**MOBIL OIL CORPORATION**

Under Section 805 of the Business Corporation Law

*SAC*

*100 cc*

**STATE OF NEW YORK  
DEPARTMENT OF STATE**

Filed by: EXXONMOBIL CORPORATION  
(Name)

FILED JUN 01 2001

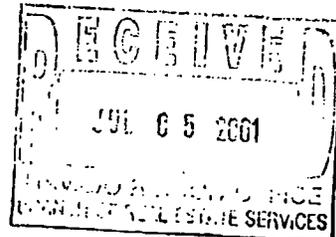
6949 Las Colinas Blvd.  
(Mailing address)

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

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

*ny Albany*

*Case Ref # 165578 MPJ*



**010601000195**

=> CSC

,TEL=5184334741

06/01'01 08:19

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", followed by a long horizontal line extending to the right.

*Special Deputy Secretary of State*

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH
2. CDW <input checked="" type="checkbox"/>
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: <b>06-01-2001</b>	
<b>FROM: (Old Operator):</b>	<b>TO: ( New Operator):</b>
MOBIL EXPLORATION & PRODUCTION	EXXONMOBIL OIL CORPORATION
Address: P O BOX DRAWER "G"	Address: U S WEST P O BOX 4358
CORTEZ, CO 81321	HOUSTON, TX 77210-4358
Phone: 1-(970)-564-5212	Phone: 1-(713)-431-1010
Account No. N7370	Account No. N1855

**CA No.**

**Unit:**

**MCELMO CREEK**

<b>WELL(S)</b>						
NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MCELMO CR I-17	12-41S-24E	43-037-30367	5980	INDIAN	OW	P
MCELMO CR G-17	12-41S-24E	43-037-30378	5980	INDIAN	OW	P
MCELMO CR G-18B	12-41S-24E	43-037-30399	5980	INDIAN	OW	P
MCELMO CR G-20	12-41S-24E	43-037-31188	5980	INDIAN	OW	P
MCELMO CR F-22	13-41S-24E	43-037-15947	5980	INDIAN	OW	P
MCELMO CR H-22	13-41S-24E	43-037-15950	5980	INDIAN	OW	P
MCELMO CR H-24	13-41S-24E	43-037-15951	5980	INDIAN	OW	S
MCELMO CR I-21	13-41S-24E	43-037-15953	5980	INDIAN	OW	P
MCELMO CR I-24	13-41S-24E	43-037-30180	5980	INDIAN	OW	S
MCELMO CREEK UNIT G-24	13-41S-24E	43-037-31008	5980	INDIAN	OW	S
MCELMO CREEK I-22	13-41S-24E	43-037-31187	5980	INDIAN	OW	P
MCELMO CREEK H-21	13-41S-24E	43-037-31192	5980	INDIAN	OW	P
MCELMO CREEK UNIT H-23	13-41S-24E	43-037-31193	5980	INDIAN	OW	P
MCELMO CREEK UNIT G-22	13-41S-24E	43-037-31204	5980	INDIAN	OW	TA
MCELMO CREEK UNIT H-26	24-41S-24E	43-037-15952	5980	INDIAN	OW	P
MCELMO CR V-14	03-41S-25E	43-037-30653	5980	INDIAN	OW	P
MCELMO CR R-14	04-41S-25E	43-037-30202	5980	INDIAN	OW	P
MCELMO CR R-16	04-41S-25E	43-037-30272	5980	INDIAN	OW	P
MCELMO CR S-13	04-41S-25E	43-037-30453	5980	INDIAN	OW	P
MCELMO CR U-13	04-41S-25E	43-037-30456	5980	INDIAN	OW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

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

7. **Federal and Indian Units:**

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

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

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

9. **Underground Injection Control ("UIC")**

The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 04/23/2002
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 04/23/2002
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**

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

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

Operator Name Change/Merger

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

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

**DATA ENTRY:**

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

**BOND VERIFICATION:**

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

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>See attached list</b>
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <b>Navajo Tribe</b>
1. TYPE OF WELL    OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Unit Agreement</u>		7. UNIT or CA AGREEMENT NAME: <b>McElmo Creek Unit</b>
2. NAME OF OPERATOR: <b>Resolute Natural Resources Company</b> <i>Na 700</i>		8. WELL NAME and NUMBER: <b>See attached list</b>
3. ADDRESS OF OPERATOR: <b>1675 Broadway, Suite 1950</b> CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>80202</b>	PHONE NUMBER: <b>(303) 534-4600</b>	9. API NUMBER: <b>Attached</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>See attached list</b>		10. FIELD AND POOL, OR WILDCAT: <b>Greater Aneth</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		COUNTY: <b>San Juan</b>
		STATE: <b>UTAH</b>

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> 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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Effective June 1, 2006 Exxon Mobil Oil Corporation resigns as operator of the 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** 6/22/06  
*Earlene Russell*  
Division of Oil, Gas and Mining (See Instructions on Reverse Side)  
Earlene Russell, Engineering Technician

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

(5/2000)

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <b>Ship Rock</b>
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: <b>UTU68930A</b>
2. NAME OF OPERATOR: <b>ExxonMobil Oil Corporation</b> <i>N1855</i>		8. WELL NAME and NUMBER: <b>McElmo Creek</b>
3. ADDRESS OF OPERATOR: <b>P.O. Box 4358</b> CITY <b>Houston</b> STATE <b>TX</b> ZIP <b>77210-4358</b>		9. API NUMBER: <b>attached</b>
PHONE NUMBER: <b>(281) 654-1936</b>		10. FIELD AND POOL, OR WILDCAT: <b>Aneth</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ COUNTY: <b>San Juan</b>		STATE: <b>UTAH</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____		

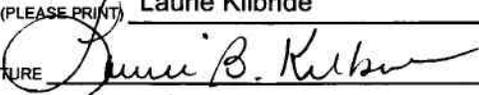
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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 producers and water source 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

# McElmo Creek Unit - Producer Well List

Lease	Number	API #	Status	Lease #	Location					
					Sec	T	R	QTR/QTR	NSFoot	EWFoot
MCU	H-12	43037303600S1	Producing	14-200-6036145	36	40S	24E	SWSE	0643FSL	2123FEL
MCU	I-11	430373035800S1	Producing	14-200-6036145	36	40S	24E	NESE	1975FSL	0318FEL
MCU	F-12	430373038000S1	Producing	14-200-6036146	36	40S	24E	SWSW	0585FSL	0628FWL
MCU	G-11	430373037600S1	Producing	14-200-6036146	36	40S	24E	NESW	1957FSL	1995FWL
MCU	D-16	430373038700S1	Producing	14-200-6036147	2	41S	24E	SWSE	0622FSL	1773FSL
MCU	E-15	430373038900S1	Producing	14-200-6036147	2	41S	24E	NESE	1877FSL	0575FEL
MCU	C-15	430373038400S1	Producing	14-200-6036508	2	41S	24E	NESW	1765FSL	3206FEL
MCU	C-13	430373037900S1	TA	14-200-6036509	2	41S	24E	NENW	0881FNL	3076FEL
MCU	D-14	430373038600S1	Producing	14-200-6036510	2	41S	24E	SWNE	1884FNL	1856FEL
MCU	E-13	430373038800S1	SI	14-200-6036510	2	41S	24E	NENE	0789FNL	0296FEL
MCU	U-08	430373045400S1	Producing	14-20-6032048A	28	40S	25E	SESE	0100FSL	0650FEL
MCU	R-10	430373112100S1	SI	14-20-6032057	33	40S	25E	SWNW	2326FNL	0632FWL
MCU	R-12	430373065100S1	Producing	14-20-6032057	33	40S	25E	SWSW	0692FSL	0339FWL
MCU	R-14	430373020200S1	Producing	14-20-6032057	4	41S	25E	SWNW	2030FNL	0560FWL
MCU	R-16	430373027200S1	Producing	14-20-6032057	4	41S	25E	SWSW	0656FSL	0505FWL
MCU	S-11	430373045200S1	Producing	14-20-6032057	33	40S	25E	NESW	1928FSL	1731FWL
MCU	S-13	430373045300S1	Producing	14-20-6032057	4	41S	25E	NENW	0761FNL	1837FWL
MCU	S-15	430373063200S1	Producing	14-20-6032057	4	41S	25E	NESW	1854FSL	1622FWL
MCU	T-10	430373046000S1	Producing	14-20-6032057	33	40S	25E	SWNE	1931FNL	1793FEL
MCU	T-12	430373007400S1	Producing	14-20-6032057	33	40S	25E	NWSE	1940FSL	1960FEL
MCU	T-12A	430373040100S1	Producing	14-20-6032057	33	40S	25E	SWSE	0590FSL	2007FEL
MCU	T-14	430373045900S1	Producing	14-20-6032057	4	41S	25E	SWNE	1922FNL	1903FEL
MCU	T-16	430373065400S1	Producing	14-20-6032057	4	41S	25E	SWSE	0630FSL	2030FEL
MCU	U-09	430373112200S1	Producing	14-20-6032057	33	40S	25E	NENE	1019FNL	0526FEL
MCU	U-13	430373045600S1	Producing	14-20-6032057	4	41S	25E	NENE	0700FNL	0700FEL
MCU	U-15	430373063300S1	Producing	14-20-6032057	4	41S	25E	NESE	1798FSL	0706FEL
MCU	V-14	430373065300S1	SI	14-20-6032057	3	41S	25E	SWNW	2091FNL	0322FWL
MCU	J-18	430373031800S1	Producing	14-20-603263	7	41S	25E	SWNW	1823FNL	0663FWL
MCU	J-20	430373030600S1	Producing	14-20-603263	7	41S	25E	SWSW	0819FSL	0577FWL
MCU	J-22	430373034100S1	Producing	14-20-603263	18	41S	25E	SWNW	1977FNL	0515FWL
MCU	J-23	430371550000S1	Producing	14-20-603263	18	41S	25E	NWSW	1980FSL	0575FWL
MCU	J-24	430373120500S1	Producing	14-20-603263	18	41S	25E	SWSW	0675FSL	0575FWL
MCU	K-17	430373032800S1	Producing	14-20-603263	7	41S	25E	NENW	0763FNL	1898FWL
MCU	K-19	430373032700S1	Producing	14-20-603263	7	41S	25E	NESW	1999FSL	1807FWL
MCU	K-21	430373030200S1	Producing	14-20-603263	18	41S	25E	NENW	0738FNL	1735FWL
MCU	K-23	430373033600S1	Producing	14-20-603263	18	41S	25E	NESW	1833FSL	1823FWL
MCU	L-18	430373031900S1	Producing	14-20-603263	7	41S	25E	SWNE	1950FNL	1959FEL
MCU	L-20	430373031300S1	Producing	14-20-603263	7	41S	25E	SWSE	0312FSL	1560FEL
MCU	L-22	430373034700S1	Producing	14-20-603263	18	41S	25E	NWSE	2844FSL	2140FEL
MCU	L-24	430373033900S1	SI	14-20-603263	18	41S	25E	SWSE	1980FNL	1980FEL
MCU	M-17	430373031400S1	Producing	14-20-603263	7	41S	25E	NENE	0454FNL	1031FEL
MCU	M-19	430373030700S1	Producing	14-20-603263	7	41S	25E	NESE	2012FSL	0772FEL
MCU	M-21	430373030300S1	Producing	14-20-603263	18	41S	25E	NENE	0919FNL	0463FEL
MCU	M-22	430371551200S1	Producing	14-20-603263	18	41S	25E	SENE	1720FNL	0500FEL
MCU	M-23	430373033800S1	Producing	14-20-603263	18	41S	25E	NESE	1890FSL	4214FWL
MCU	M-24	430371551300S1	Producing	14-20-603263	18	41S	25E	SESE	0500FSL	0820FEL
MCU	N-18	430373028600S1	Producing	14-20-603263	8	41S	25E	SWNW	1779FNL	0573FWL
MCU	N-20	430373026900S1	Producing	14-20-603263	8	41S	25E	SWSW	0620FSL	0634FWL
MCU	N-22	430373066100S1	SI	14-20-603263	17	41S	25E	SWNW	1763FNL	0730FWL
MCU	O-17	430373028900S1	Producing	14-20-603263	8	41S	25E	NENW	0627FNL	1855FWL
MCU	O-19	430373027000S1	Producing	14-20-603263	8	41S	25E	NESW	1932FSL	2020FWL
MCU	O-20	430371551800S1	Producing	14-20-603263	8	41S	25E	SESW	0660FSL	1980FWL
MCU	O-21	430373066200S1	Producing	14-20-603263	17	41S	25E	NENW	0796FNL	1868FWL
MCU	O-22A	430371597000S1	Producing	14-20-603263	17	41S	25E	SENE	1840FNL	1928FWL
MCU	O-23	430373112300S1	Producing	14-20-603263	17	41S	25E	NESW	2276FSL	1966FWL

# McElmo Creek Unit - Producer Well List

Lease	Number	API #	Status	Lease #	Location					
					Sec	T	R	QTR/QTR	NSFoot	EWFoot
MCU	P-18	430373026700S1	Producing	14-20-603263	8	41S	25E	SWNE	1816FNL	1855FEL
MCU	P-22	430373050600S1	Producing	14-20-603263	17	41S	25E	SWNE	2035FNL	2135FEL
MCU	Q-17	430373027100S1	SI	14-20-603263	8	41S	25E	NENE	0714FNL	0286FEL
MCU	Q-18	430371552100S1	SI	14-20-603263	8	41S	25E	SENE	1980FNL	0660FEL
MCU	Q-19	430373065200S1	SI	14-20-603263	8	41S	25E	NESE	1957FSL	0899FEL
MCU	Q-20	430371552200S1	SI	14-20-603263	8	41S	25E	SESE	0650FSL	0740FEL
MCU	Q-21	430373046300S1	Producing	14-20-603263	17	41S	25E	NENE	0730FNL	0780FEL
MCU	Q-23	430373112400S1	SI	14-20-603263	17	41S	25E	NESE	2501FSL	0581FEL
MCU	J-25	430371550100S1	SI	14-20-603264	19	41S	25E	NWNW	0750FNL	0695FWL
MCU	K-25	430373118600S1	Producing	14-20-603264	19	41S	25E	NENW	0440FNL	1780FWL
MCU	R-18	430373077800S1	Producing	14-20-603359	9	41S	25E	SWNW	1808FNL	0513FWL
MCU	S-17	430373077900S1	Producing	14-20-603359	9	41S	25E	NENW	700FNL	1899FWL
MCU	S-18	430371597800S1	Producing	14-20-603359	9	41S	25E	SENE	1943FNL	1910FWL
MCU	S-19	430373078000S1	Producing	14-20-603359	9	41S	25E	NESW	3391FNL	2340FWL
MCU	S-22	430373159800S1	Producing	14-20-603359	16	41S	25E	SENE	1980FNL	1980FWL
MCU	T-18	430373078100S1	Producing	14-20-603359	9	41S	25E	SWNE	1774FNL	3499FWL
MCU	U-17	430373078200S1	Producing	14-20-603359	9	41S	25E	NENE	0625FNL	4399FWL
MCU	U-18	430371598200S1	Producing	14-20-603359	9	41S	25E	SENE	2048FNL	0805FEL
MCU	F-22	430371594700S1	Producing	14-20-603370	13	41S	24E	SWNW	1800FNL	0664FWL
MCU	G-22	430373120400S1	TA	14-20-603370	13	41S	24E	SENE	1910FNL	2051FWL
MCU	G-24	430373100800S1	Producing	14-20-603370	13	41S	24E	SESW	0458FSL	2540FWL
MCU	H-21	430373119200S1	Producing	14-20-603370	13	41S	24E	NWNE	0715FNL	2161FEL
MCU	H-22	430371595000S1	Producing	14-20-603370	13	41S	24E	SWNE	1980FNL	1980FEL
MCU	H-23	430373119300S1	Producing	14-20-603370	13	41S	24E	NWSE	2178FSL	1777FEL
MCU	H-24	430371595100S1	TA	14-20-603370	13	41S	24E	SWSE	1820FSL	0500FEL
MCU	H-26	430371595200S1	Producing	14-20-603370	24	41S	24E	SWNE	2053FNL	2077FEL
MCU	I-21	430371595300S1	SI	14-20-603370	13	41S	24E	NENE	0810FNL	0660FEL
MCU	I-22	430373118700S1	Producing	14-20-603370	13	41S	24E	SENE	1975FNL	0700FEL
MCU	I-24	430373018000S1	Producing	14-20-603370	13	41S	24E	SESE	0660FSL	0250FEL
MCU	I-16B	430373041700S1	Producing	14-20-603372	6	41S	25E	NWSW	1442FSL	0040FWL
MCU	J-12	430373034200S1	Producing	14-20-603372	31	40S	25E	SWSW	0631FSL	0495FWL
MCU	J-14	430373032100S1	Producing	14-20-603372	6	41S	25E	SWNW	1822FNL	0543FWL
MCU	J-15B	430373041400S1	Producing	14-20-603372	6	41S	25E	NWSW	2679FNL	1299FWL
MCU	J-16A	430373101100S1	Producing	14-20-603372	6	41S	25E	SWSW	0601FSL	0524FWL
MCU	K-11	430373035900S1	Producing	14-20-603372	31	40S	25E	NESW	1803FSL	1887FWL
MCU	K-13	430373033700S1	Producing	14-20-603372	6	41S	25E	NENW	0935FNL	2132FWL
MCU	K-15	430373032600S1	Producing	14-20-603372	6	41S	25E	NESW	1920FSL	1950FWL
MCU	L-12	430373004000S1	Producing	14-20-603372	31	40S	25E	SWSE	0100FSL	1700FEL
MCU	L-14	430373032300S1	SI	14-20-603372	6	41S	25E	SWNE	1955FNL	1821FEL
MCU	L-16	430373032400S1	SI	14-20-603372	6	41S	25E	SESW	0642FSL	1788FEL
MCU	M-11	430373035400S1	Producing	14-20-603372	31	40S	25E	NESE	2028FSL	0535FEL
MCU	M-12B	430373041600S1	Producing	14-20-603372	31	40S	25E	SESE	1230FSL	0057FEL
MCU	M-13	430373032000S1	Producing	14-20-603372	6	41S	25E	NENE	0897FNL	0402FEL
MCU	M-15	430373031500S1	Producing	14-20-603372	6	41S	25E	NESE	1927FSL	0377FEL
MCU	N-10	430373030400S1	Producing	14-20-603372	32	40S	25E	SWNW	3280FSL	0360FWL
MCU	N-12	430373029100S1	SI	14-20-603372	32	40S	25E	SWSW	1266FSL	1038FWL
MCU	N-14	430373028100S1	SI	14-20-603372	5	41S	25E	SWNW	2053FNL	0767FWL
MCU	N-16	430373027700S1	SI	14-20-603372	5	41S	25E	SWSW	0665FSL	0788FWL
MCU	O-09	430373035600S1	Producing	14-20-603372	32	40S	25E	NENW	0604FNL	1980FWL
MCU	O-11	430373028200S1	Producing	14-20-603372	32	40S	25E	NESW	2094FSL	1884FWL
MCU	O-13	430373028000S1	Producing	14-20-603372	5	41S	25E	NENW	0562FNL	2200FWL
MCU	O-15	430373027500S1	SI	14-20-603372	5	41S	25E	NESW	2017FSL	2054FWL
MCU	P-10	430373028401S1	Producing	14-20-603372	32	40S	25E	SWNE	3328FSL	1890FEL
MCU	P-14	430373027600S1	TA	14-20-603372	5	41S	25E	SWNE	1947FNL	1852FEL
MCU	P-16	430373028700S1	Producing	14-20-603372	5	41S	25E	SWSE	0680FSL	1865FEL
MCU	Q-09	430373101300S1	Producing	14-20-603372	32	40S	25E	NENE	0753FNL	0574FEL
MCU	Q-11	430373028300S1	Producing	14-20-603372	32	40S	25E	NESE	2027FSL	0868FEL
MCU	Q-13	430373028800S1	Producing	14-20-603372	5	41S	25E	NENE	0699FNL	0760FEL
MCU	Q-15	430373029000S1	Producing	14-20-603372	5	41S	25E	NESE	2027FSL	0591FEL

# McElmo Creek Unit - Producer Well List

Lease	Number	API #	Status	Lease #	Location					
					Sec	T	R	QTR/QTR	NSFoot	EWFoot
MCU	F-14	430373025500S1	Producing	14-20-6034032	1	41S	24E	SWNW	2041FNL	0741FWL
MCU	F-16	430373038100S1	Producing	14-20-6034032	1	41S	24E	SWSW	0813FSL	0339FWL
MCU	G-13	430373036300S1	Producing	14-20-6034032	1	41S	24E	NENW	0656FNL	1999FWL
MCU	H-14	430373036200S1	Producing	14-20-6034032	1	41S	24E	SWNE	1937FNL	2071FEL
MCU	I-13	430373025700S1	Producing	14-20-6034032	1	41S	24E	NENE	0624FNL	0624FEL
MCU	E-17	430373039000S1	SI	14-20-6034039	11	41S	24E	NENE	0713FNL	0661FEL
MCU	G-17	430373037800S1	Producing	14-20-6034039	12	41S	24E	NENW	0649FNL	1904FWL
MCU	H-16	430373036600S1	Producing	14-20-6034039	1	41S	24E	SWSE	0923FSL	1974FEL
MCU	H-17B	430373041500S1	SI	14-20-6034039	1	41S	24E	SESE	0105FSL	1250FEL
MCU	I-15	430373036100S1	Producing	14-20-6034039	1	41S	24E	NESE	1895FSL	0601FEL
MCU	I-17	430373036700S1	Producing	14-20-6034039	12	41S	24E	NENE	0646FNL	0493FEL
MCU	G-18B	430373039900S1	Producing	14-20-6034495	12	41S	24E	NWNE	1332FNL	2605FEL
MCU	H-18	430373036400S1	SI	14-20-6034495	12	41S	24E	SWNE	1922FNL	1942FEL
MCU	I-19	430373036500S1	Producing	14-20-6034495	12	41S	24E	NESE	2060FSL	0473FEL
MCU	D-18	430373025600S1	Producing	14-20-6035447	11	41S	24E	SWNE	2380FNL	2000FEL
MCU	E-18	430371570600S1	Producing	14-20-6035447	11	41S	24E	SENE	1600FNL	0660FEL
MCU	F-18	430372018400S1	Producing	14-20-6035447	12	41S	24E	SWNW	1820FSL	2140FEL
MCU	C-17	430373038500S1	TA	14-20-6035448	11	41S	24E	NENW	0182FNL	3144FEL
MCU	C-19	430371570300S1	Producing	14-20-6035448	11	41S	24E	NESW	1980FSL	2060FWL
MCU	F-20	430371570700S1	TA	14-20-6035450	12	41S	24E	SWSW	0510FSL	0510FWL
MCU	G-20	430373118800S1	SI	14-20-6035450	12	41S	24E	SESW	0250FSL	1820FWL
MCU	H-19	430372030400S1	Producing	14-20-6035451	12	41S	24E	NWSE	2035FSL	1900FEL
MCU	H-20	430371570800S1	SI	14-20-6035451	12	41S	24E	SWSE	0300FSL	2200FEL
MCU	N-08	430373101200S1	Producing	I-149-IND8839	29	40S	25E	SWSW	0700FSL	0699FWL
MCU	O-08	430371614600S1	SI	I-149-IND8839	29	40S	25E	SESW	0750FSL	2030FWL
MCU	P-08	430373035500S1	SI	I-149-IND8839	29	40S	25E	SWSE	0765FSL	3170FWL
MCU	P-12	430373027800S1	SI	NOG-99041326	32	40S	25E	SWSE	758FSL	2237FEL

## Water Source Wells (Feb 2006)

MCU	2	4303712715	Active
MCU	3	4303712716	Active
MCU	4	4303712717	Active
MCU	5	4303712718	Active
MCU	6	4303712719	Active
MCU	7	4303712720	Active
MCU	8	4303712721	Active
MCU	9	4303712722	Active
MCU	10	4303712723	Active
MCU	11	4303712724	Active
MCU	12		Inactive
MCU	13	4303712726	Active
MCU	14	4303712727	Active
MCU	15	4303712728	Active
MCU	16	4303712729	Active
MCU	17	4303712730	Active
MCU	18	4303767001	Active
MCU	19	4303712732	Active
MCU	20	4303712733	Active
MCU	21	4303712734	Active
MCU	PIT1	4303700297	Active

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-603-370
---	---

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> NAVAJO  <b>7. UNIT or CA AGREEMENT NAME:</b> MCELMO CREEK
--	--

<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> MCELMO CR I-21
------------------------------------	---

<b>2. NAME OF OPERATOR:</b> RESOLUTE NATURAL RESOURCES	<b>9. API NUMBER:</b> 43037159530000
---	---

<b>3. ADDRESS OF OPERATOR:</b> 1700 Lincoln Street, Suite 2800 , Denver, CO, 80203 4535	<b>PHONE NUMBER:</b> 303 534-4600 Ext	<b>9. FIELD and POOL or WILDCAT:</b> GREATER ANETH
--	--	---

<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0810 FNL 0660 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENE Section: 13 Township: 41.0S Range: 24.0E Meridian: S	<b>COUNTY:</b> SAN JUAN  <b>STATE:</b> UTAH
---	---

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 10/20/2014  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input 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 checked="" type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

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

Resolute Natural Resources respectfully submits this sundry as notice of a tubing repair on the above well. Attached are the procedures and schematic

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

Date: October 23, 2014

By: *Derek Duff*

<b>NAME (PLEASE PRINT)</b> Erin Joseph	<b>PHONE NUMBER</b> 303 573-4886	<b>TITLE</b> Sr. Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/17/2014	

# **RESOLUTE**

## **NATURAL RESOURCES**

### **MCU I-21 Hole in Tubing**

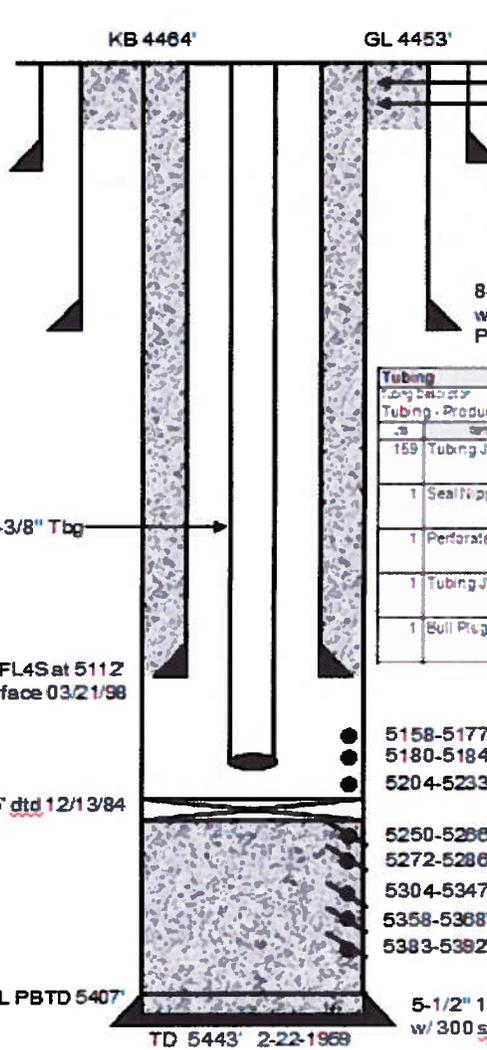
#### **Procedure**

**Horsley Witten: NO**

1. MIRU WSU, LOTO. **NOTE: History of paraffin, possible hot oil down tubing.**
2. Pressure test tubing to 1000 psig.
3. Kill well as necessary.
4. POOH with rods & 1-1/2" insert pump. Stand rods back in derrick. Call Bill Albert (970) 371-9682 to inspect rods. If unavailable, contact Virgil Holly (435) 444-0020. Replace or re-run rods per inspection results.
5. ND WH, NU BOPE, prepare to pull & stand back 2-3/8 tubing.
6. PU tubing (no TAC to release), install a packer & pressure test BOPE. LD pkr.
7. TOOH and stand back tubing. Call and notify Bill Albert to inspect tubing. If unavailable, contact Virgil Holly or Nate Dee.
8. Make bit & scraper trip thru 4" liner to 5245' PBD with scraper spaced to stay above liner btm at 5112'. Use Global N2 if fill cleanout is required; had no fill on the job done in April 2007.
9. If tubing needs replaced, run new 2-3/8" J-55 seamless, FBNAU with special clearance couplings.
10. TIH with 2-3/8 slotted mud anchor joint, carbon steel SN, 3 jts tubing, 4" TAC, and remaining tubing.
11. Land tbg 2 jts shallower than previous run w/EOT @ ~5138' KB; SN @ ~5107'; TAC will be at ~5012' KB.
12. NDBOP, NUWH.
13. RIH with GA, new 1-1/2" insert pump, and rods. Contact Tech Support for pump & rod details.
14. Land pump & long stroke pump to test for good pumping action.
15. Leave enough polished rod for operators to correctly space pump as required.
16. Notify the Area Production Supervisor Terry Lee (435) 619-7237 that well is ready to return to production.
17. RDMOL. Hook up appropriate chemical treatment.

**McELMO CREEK UNIT #I-21**  
**GREATER ANETH FIELD**  
 810' FNL & 660' FEL  
 SEC 13-T41S-R24E  
 SAN JUAN COUNTY, UTAH  
 API 43-037-15953  
 PRISM 0000251

**PRODUCER**



Install new 8.625" x 11" Csg Head dtd 03/21/98  
 Install 11" x 7.0625" 3000# Tbg Head

Sqz'd csg leak at 265-96', did not hold 07/10/97  
 Sqz'd csg leak at 443-73' w/ 150 sx cmt. 07/10/97

Conductor Pipe 10-3/4" 32.75# H-40 set at 602'  
 w/ 1200 sx. Pumped 725 sx down annulus.

8-5/8" 38# J-55 set at 1320'  
 w/ 300 sx. Circ contaminated cmt to surface.  
 Pumped 10 sx down annulus.

Tubing		Set Date	Run Date	Run Date					
Tubing - Production		5/20/95	4/25/2007	Run Date					
Q	Q	Wt Loss	Grade	Yag Tens	Len ft	Tag 5/9	9m 5/9		
159	Tubing Joints	2 3/8	1.995	4.70	J-55	Unknos n	5,169.18	0.0	5,169.2
1	Seal Nipple	2 3/8				Unknos n	1.15	5,169.2	5,170.4
1	Perforated Joint	2 3/8				Unknos n	4.02	5,170.4	5,174.4
1	Tubing Joints	2 3/8	1.995	4.70	J-55	Unknos n	31.45	5,174.4	5,205.8
1	Bull Plug	2 3/8				Unknos n	0.65	5,205.8	5,206.5

Liner: 4" 11.34# L-80 FL4S at 5112'  
 Cmt'd w/ 235 sx to surface 03/21/98

CIBP @ 5245' dtd 12/13/84

ORIGINAL PBTD 5407'

TD 5443' 2-22-1968

5158-5177 w/2 spf dtd 05/05/71  
 5180-5184' Sqz'd dtd 05/05/71  
 5204-5233 w/2 spf dtd 05/05/71

5250-5268' Sqz'd dtd 05/05/71  
 5272-5288' Sqz'd dtd 05/05/71  
 5304-5347' Sqz'd dtd 05/05/71  
 5358-5368' Sqz'd dtd 05/05/71  
 5383-5392' Sqz'd dtd 05/05/71

Sqz'd all perf's. DO cmt to 5245'  
 05/05/71

5-1/2" 14# & 15.5# J-55 set at 5443'  
 w/ 300 sx. TOC at 3966' tempsurvey.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-603-370	
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> NAVAJO	
<b>1. TYPE OF WELL</b> Oil Well		<b>7. UNIT or CA AGREEMENT NAME:</b> MCELMO CREEK	
<b>2. NAME OF OPERATOR:</b> RESOLUTE NATURAL RESOURCES		<b>8. WELL NAME and NUMBER:</b> MCELMO CR I-21	
<b>3. ADDRESS OF OPERATOR:</b> 1700 Lincoln Street, Suite 2800 , Denver, CO, 80203 4535		<b>9. API NUMBER:</b> 43037159530000	
<b>PHONE NUMBER:</b> 303 534-4600 Ext		<b>9. FIELD and POOL or WILDCAT:</b> GREATER ANETH	
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0810 FNL 0660 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENE Section: 13 Township: 41.0S Range: 24.0E Meridian: S		<b>COUNTY:</b> SAN JUAN	
		<b>STATE:</b> UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input 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 checked="" type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  Resolute Natural Resources submits this sundry as notice that the tubing repair on the above well was completed on 10/27/2014 according to previously approved procedures			
		<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY November 24, 2014</b>	
<b>NAME (PLEASE PRINT)</b> Erin Joseph	<b>PHONE NUMBER</b> 303 573-4886	<b>TITLE</b> Sr. Regulatory Analyst	
<b>SIGNATURE</b> N/A		<b>DATE</b> 11/24/2014	