

FILE NOTATIONS

Entered in NID File ✓

Entered On S R Sheet \_\_\_\_\_

Location Map Pinned ✓

Card Indexed ✓

I W R for State or Fee Land \_\_\_\_\_

Checked by Chief R.S.

Copy NID to Field Office \_\_\_\_\_

Approval Letter \_\_\_\_\_

Disapproval Letter \_\_\_\_\_

COMPLETION DATA:

Date Well Completed 6-10-62

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

SIOW ~~X~~ WW \_\_\_\_\_ TA \_\_\_\_\_

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

GW \_\_\_\_\_ OS \_\_\_\_\_ PA \_\_\_\_\_

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

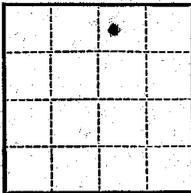
LOGS FILED

Driller's Log 3-16-62

Electric Logs (No. ) 2

E \_\_\_\_\_ I \_\_\_\_\_ E-I ✓ GR \_\_\_\_\_ GR-N ✓ Micro \_\_\_\_\_

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



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Indian Agency Window Rock  
Allottee Tribal  
Lease No. 14-20-0603-630

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

January 8, 1962

Well No. 2 "B" is located 820 ft. from N line and 1920 ft. from E line of sec. 2  
SE/NE/NE 41S 24E S.L.M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Ameth McCloud San Juan Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4487 ft.

DETAILS OF WORK

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

Operator proposes to rotary drill a 17-1/2" hole to approximately 100', set 13-3/8", 48# surface pipe, cementing with approximately 125 sacks cement; drill an 11" hole to approximately 1400' and set 8-5/8" 24# at 1400' cementing with approximately 550 sacks cement, allow 24 hours for cement to set and test for water shut-off; re-commence drilling a 7-7/8" hole to approximately 5700' or through all the possible Desert Creek producing zones and if commercial production is indicated by Gamma-Ray Neutron and 1-23 log analysis, set 5-1/2", 3-55 15.5# casing at approximately 5700', cementing 5/125 sacks + 2% gel, and attempt completion.

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

Company Wilshire Oil Company  
of Texas  
 Address 300 Filmore Street  
Denver, Colorado

By Don H. Ford  
Don H. Ford  
 Agent  
 Title \_\_\_\_\_

COMPANY WILSHIRE OIL COMPANY OF TEXAS

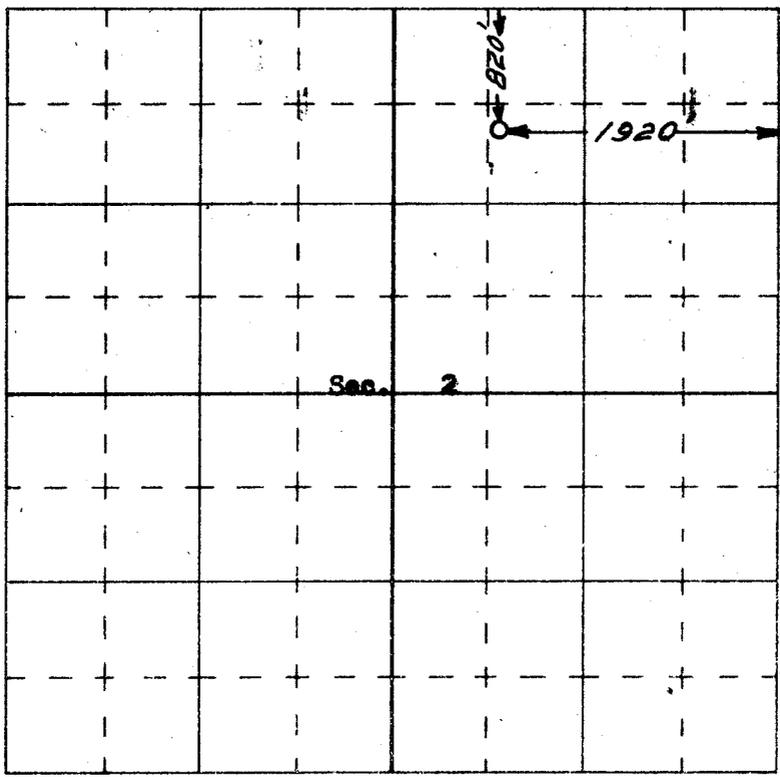
Well Name & No. \_\_\_\_\_ Lease No. \_\_\_\_\_

Location 820' FROM THE NORTH LINE & 1920' FROM THE EAST LINE

Being in SE NW NE

Sec. 2, T 41 N., R. 24 W. S.L.M. San Juan County, Utah

Ground Elevation 4476.7 ungraded ground



Scale — 4 inches equals 1 mile

Surveyed 19 July, 19 61

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

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



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

ALLOTTEE \_\_\_\_\_  
TRIBE Navajo  
LEASE NO. 14-20-063-6510

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County San Juan Field McElmo Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of December, 1961,

Agent's address 300 Fillmore Street Company Wilshire Oil Company of Texas  
Denver 6, Colorado Signed [Signature]

Phone 355-1621 Agent's title Production Superintendent

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)	
SE NE 2	41S	24E	1-B	25	2632	42	1,579	None	None		
NW NE 2	41S	24E	2-B	Location							

Note—There were 2650 runs or sales of oil; 1,553 M. cu. ft. of gas sold;

0 runs or sales of gasoline during the month. (Write "no" where applicable.)

Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

ALLOTTEE  
TRIBE Navajo  
LEASE NO. 14-20-063-0110

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County San Juan Field McElmo Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of January, 1962,

Agent's address 300 Fillmore Steet Company Wilshire Oil Company of Texas  
Denver 6, Colorado Signed R. O. Austin

Phone 355-1621 Agent's title Production Superintendent

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SE NE 2	41S	24E	1-B	31	2924	42	2941	None	None	Pumping
NW NE 2	41S	24E	2-B							Spudded 1-12-62 Drilling @ 4864'

NOTE.—There were 2611 runs or sales of oil; 1,721 M. cu. ft. of gas sold;  
No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Don H. Ford  
2802 East 20th  
Farmington, N. M. 88403  
January 11, 1962

United States Geological Survey  
P. O. Box 965  
Farmington, New Mexico

Gentlemen:

Enclosed you will find three copies of  
"Intention to Drill" with survey plats attached

Well No. 2 "B" Navajo, Aneth Field  
San Juan County, Utah in the  
SE NW NE Sec. 2-41S-24E.

Very truly yours,

  
Don H. Ford, Agent for  
Wilshire Oil Company of  
Texas

cc: Utah Oil and Gas Conservation Commission ✓  
310 Newhouse Building  
10 Exchange Place  
Salt Lake City, Utah - with 2 copies of each  
as noted above.

January 15, 1962

Wilshire Oil Company of Texas  
300 Fillmore Street  
Denver, Colorado

Attn: Don H. Ford, Agent

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. 2-Navajo "B", which is to be located 820 feet from the north line and 1920 feet from the east line of Section 2, Township 41 South, Range 24 East, S1E1M, San Juan County, Utah.

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

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

Please have the enclosed "Minimum Safety Requirements" notice posted in a conspicuous place on the drilling location.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT,  
EXECUTIVE DIRECTOR

CBF:kpb  
Enclosure

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

H. L. Coonts - OGCC, Moab

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Hedges Bureau No. 10-101  
Appraisal report H-20-22

WASHER \_\_\_\_\_  
TRUCK NAVA 10  
LEASE NO. McElmo-Creek-612

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field McElmo Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of FEBRUARY, 1962.

Agent's address 300 Fillmore Street Company Wilshire Oil Company of Texas  
Denver 6, Colorado Signed Kenneth O. Lester

Phone 355-1621 Agent's title Production Superintendent

SEC. AND 1/4	TWP.	RANGE	WELL No.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (in thousands)	GALLONS OF GASOLINE EQUIVALENT	BARRELS OF WATER (if none, so state)	REMARKS (If drilling, length of pipe down, depth into and nature of test log available, method of test)
SE NE 2	41S	24E	1-B	28	2149	42	1,861.9	None	None	Pumping  This well went into the McElmo Creek Unit 7:00 A.M. 3-1-62
NW NE 2	41S	24E	2-B							Drilled to T.D. 5561'. 5 1/2" casing set at 5551 K.B. Cemented with 275 sx. 2-7-62.  This well went into the McElmo Creek Unit effective 3-1-62 and will be completed by the Unit Operator

Note—There were 1665 barrels of oil, 1,488 cu. ft. of gas sold;

No barrels of gasoline during the month. (Write "no" where applicable.)

Note—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 5th of the succeeding month, unless otherwise directed by the supervisor.

WILSHIRE OIL COMPANY OF TEXAS

300 FILLMORE STREET  
DENVER 6, COLORADO

February 12, 1962

Utah Oil & Gas Conservation Commission  
310 Newhouse Building  
Salt Lake City 14, Utah

Gentlemen:

Re: Wilshire Oil Company of Texas  
Navajo "B" #2 Well  
McElmo Creek Field  
San Juan County, Utah

Enclosed please find one copy each of Induction-Electrical Log  
and Gamma Ray-Neutron Log for the subject well.

Very truly yours,

WILSHIRE OIL COMPANY OF TEXAS

  
H. W. Kugler  
Geological Engineer

HWK:bs  
Encls.

# THE SUPERIOR OIL COMPANY

P. O. DRAWER 6

CORTEZ, COLORADO

March 5, 1962

State of Utah  
Oil & Gas Conservation Commission  
310 Newhouse Building  
Salt Lake City 11, Utah

Attention: Mr. R. L. Schmidt

Dear Mr. Schmidt:

Effective March 1, 1962 the Wilshire Oil Company wells #B-1 and #B-2 located in the NE  $\frac{1}{4}$  of Section 2, T41S, R24E, San Juan County, Utah were included in the McElmo Creek Unit participating area.

As a result of this enlargement, the McElmo Creek Unit will have 163 developed 80 acre drilling units during the month of March. We assume this will result in a gas allowable of 682,155 mcf for this month.

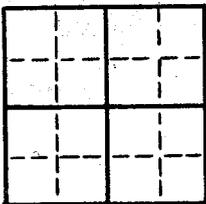
Yours truly,



D. D. Kingman

DDK/njh

RLD



STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION  
SALT LAKE CITY, UTAH

Fee and Patented.....  
State .....  
Lease No. ....  
Public Domain .....  
Lease No. ....  
Indian Navajo.....  
Lease No. 14-20-0603-  
6510

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 Altering Casing.....	
Notice of Intention to Redrill or Repair.....	Subsequent Report of Redrilling or Repair.....	
Notice of Intention to Pull or Alter Casing.....	Supplementary Well History.....	X
Notice of Intention to Abandon Well.....		

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

..... March 12 ....., 1962 .....

Well No. Navajo  
2 - B is located 820 ft. from {N}  
{S} line and 1920 ft. from {E}  
{X} line of Sec. 2

SE NW NE ..... 41S ..... 24E ..... SLM  
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Aneth ..... San Juan ..... Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4487 feet.

A drilling and plugging bond has been filed with .....

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 work, surface formation, and date anticipate spudding-in.)

Spudded January 12, 1962  
Ran 92' 13 3/8" 48#, H-40 Casing Set @ 103' K.B. Cemented with 100 sx.  
Ran 1374.75' 8 5/8", 24#, J-55 Casing Set @ 1387' K.B. Cemented with 716 sx.  
Got water shut off.  
Drilled to T.D. 5561' Ran 5556.94' 5 1/2", 14#, J-55 Casing Set @ 5551' K.B.  
Cemented with 275 sx. Plugdown February 7, 1962.

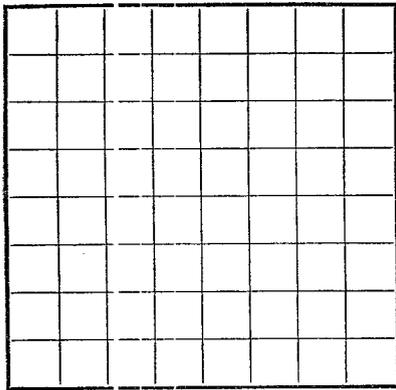
This well will be completed as an injection well or a producer by the Superior Oil Co., operator of the Mc Elmo Creek Unit.

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

Company Wilshire Oil Company of Texas  
Address 300 Fillmore  
Denver 6, Colorado  
By [Signature]  
Title Production Superintendent

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

Form 9-330



U. S. LAND OFFICE  
SERIAL NUMBER  
LEASE OR PERMIT TO PROSPECT  
**14-20-0603-6510**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**LOG OF OIL OR GAS WELL**

LOCATE WELL CORRECTLY

Company Wilshire Oil Co. of Texas Address 300 Filmore St., Denver, Colo.  
Lessor or Tract Tribal Field Aneth State Utah  
Well No. 2-E1 Sec. 2 T. 41S R. 24E Meridian 31M County San Juan  
Location 820 ft. N of N Line and 1920 ft. E of E Line of Sec 2 Elevation 4487 DF  
(Derrick floor relative to sea level)

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

Signed Don H. Ford Title Agent

Date March 14, 1962

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

Commenced drilling Jan. 12, 1962 Finished drilling Feb. 14, 1962

**OIL OR GAS SANDS OR ZONES**

*(Denote gas by G)*

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

**IMPORTANT WATER SANDS**

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

**CASING RECORD**

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	

**MUDDING AND CEMENTING RECORD**

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	100	100			
8-5/8	1400	700			
5-1/2	5551	275			

**PLUGS AND ADAPTERS**

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

FOLD MARK



March 14, 1962

United States Geological Survey  
P. O. Box 965  
Farmington, New Mexico

Gentlemen:

Enclosed you will find three copies of Sundry  
Notice and Log of Oil or Gas Well on the following:

Navajo 2 A - SE NW SW Sec. 2-41S-24E

Navajo 2 B - SE NW NE Sec. 2-41S-24E

Navajo 2 C - SE NW NW Sec. 2-41S-24E  
all in San Juan County, Utah.

These enclosures are "Subsequent report of water  
shut-off" and "Supplemental Well History" on the  
above described wells.

*Don H. Ford*  
Very truly yours,

*Don H. Ford*  
Don H. Ford, Agent for  
Wilshire Oil Co. of Texas

cc: Utah Oil and Gas Conservation  
Commission  
310 Newhouse Building  
10 Exchange Place  
Salt Lake City, Utah - 2 copies of each

Wilshire Oil Co. of Texas  
300 Filmore Street  
Denver, Colorado - 1 copy of each

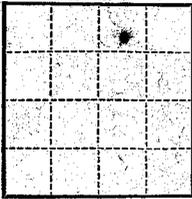
MAR 18 1962



Copy to HC

(SUBMIT IN TRIPLICATE)

Indian Agency Window Rock



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee Tribal  
Lease No. 14-20-0603-6310

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	<input checked="" type="checkbox"/>
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	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO ABANDON WELL		

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

March 14, 1962

Navajo  
Well No. 2 B is located 820 ft. from [N] line and 1920 ft. from [E] line of sec. 2

SE NW NE (1/4 Sec. and Sec. No.)      41 S (Twp.)      24 E (Range)      SLM (Meridian)  
Arath (Field)      San Juan (County or Subdivision)      Utah (State or Territory)

The elevation of the derrick floor above sea level is 4407 ft.

DETAILS OF WORK

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

The well was spudded January 12, 1962. Set 13-3/8" conductor casing at 100 feet. Drilled to 1400 feet, set 8-5/8" surface casing to shut off all water zones. Drilled to 5552 feet, ran 5-1/2" casing to 5551 feet on February 14, 1962, and turned well over to McElme Creek Unit for purposes of injection water flood

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

Company Wilshire Oil Co. of Texas  
Address 300 Filmore Street  
Denver, Colorado  
By Don H Ford  
Don H. Ford  
Title Agent

# THE SUPERIOR OIL COMPANY

P. O. DRAWER 6

CORTEZ, COLORADO

March 15, 1962

State of Utah  
Utah Oil & Gas Conservation Commission  
310 Newhouse Building  
Salt Lake City, Utah

Attention: Mr. R. L. Schmidt

Dear Bob,

This is to confirm that an agreement was made between Wilshire Oil Company and the McElmo Creek Unit working interest owners concerning the Wilshire #B-2 and #C-2 wells. It was agreed in an operators meeting December 9, 1961 that the tracts on which these two wells are presently located would be allowed to participate in the unit after a well had been drilled and casing set to a depth prescribed by the Unit operator.

This agreement was made because the operator had very little chance of making commercial wells at these locations, but the location of these wells made them very desirable as injection wells.

AFE's are now circulating to other operators and these wells will be completed in the near future.

Yours truly,



D. D. Kingman

DDK/njh

COPY

March 19, 1962

Wilshire Oil Co. of Texas  
300 Filmore Street  
Denver, Colorado

Attn: Don H. Ford, Agent

Re: Wells No. Navajo 2-B and  
Navajo 2-C,  
Sec. 2, T. 41 S., R. 24 E.,  
San Juan County, Utah

Gentlemen:

We would like to thank you for submitting the well logs for the above mentioned wells; however, we note that you did not list any formation tops on said logs. Would you please furnish us with this information so as our records may be complete.

Your prompt attention to the above request will be very much appreciated.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

KAREN BERGMAN,  
RECORDS CLERK

KB

WILSHIRE OIL COMPANY OF TEXAS

300 FILLMORE STREET  
DENVER 6, COLORADO

March 22, 1962

The State of Utah  
Oil & Gas Conservation Commission  
310 Newhouse Building  
10 Exchange Place  
Salt Lake City 11, Utah

Attention: Miss Karen Bergman

Re: Wells No. Navajo 2-B and 2-C,  
San Juan County, Utah

Dear Miss Bergman:

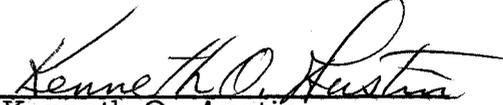
In reply to your request of March 19, please find listed below the requested formation tops:

	<u>Navajo 2-B</u>	<u>Navajo 2-C</u>
Hermosa	4409 (79)	4409 (68)
Ismay	5207 (-719)	5208 (-731)
Paradox Shale	5364 (-876)	5355 (-878)
Desert Creek	5374 (-886)	5365 (-888)
T. D.	5561 (-1073)	5568 (-1091)

We are very sorry to have caused you additional work.

Very truly yours,

WILSHIRE OIL COMPANY OF TEXAS

  
Kenneth O. Austin  
Production Superintendent

KOA:jd

MC ELMO CREEK UNIT #D-13

NW NE Sec. 2, T41S, R24E  
820' FNL & 1920' FEL  
San Juan County, UTAH

FIELD: MC ELMO CREEK

KB: 4489' DF: 4488' TD: 5551' PBTD: 5504' TLD: 10' TOC: 4696'

SPUDDED: 1-12-62 COMPLETED: 7-2-62

PAY ZONE: DESERT CREEK ZONE 1 (Injection)

PERFS: 5378'-90', 5396'-5401', 5406'-12', 5423'-31' (4 shots/ft.)

CASING: 13-3/8" OD, 48#, H-40 w/100 Sx. cmt. @ 103'  
8-5/8" OD, 24#, J-55 w/700 Sx. cmt. @ 1387'  
5 1/2" OD, 14#, J-55 w/275 Sx. cmt. @ 5551'

TUBING: 2-7/8" OD cmt. lined Hydril set @ 5332'

PACKERS: Baker Lok-Set @ 5327'

PMPG. EQUIP: NONE

---

6-8-62 Acidized w/250 gal Spearhead 15% acid, followed by 4,600 gal.  
Retarded acid. ISIP 2000# after 20 Min. 400#.

8-1-67 Converted to water injection well.

9-29-77 Treated w/2000 gals. 28% HCl acid. FP 3400 psi, ISIP 3100 psi.

INITIAL WELL TEST

McELMO CREEK UNIT # D-13

DATE February 7, 1962

OIL BBL/DAY Completed as an injection well] no initial  
production data

OIL GRAVITY \_\_\_\_\_

GAS CU.FT/DAY \_\_\_\_\_

GAS-OIL RATIO CU/FT/BBL \_\_\_\_\_

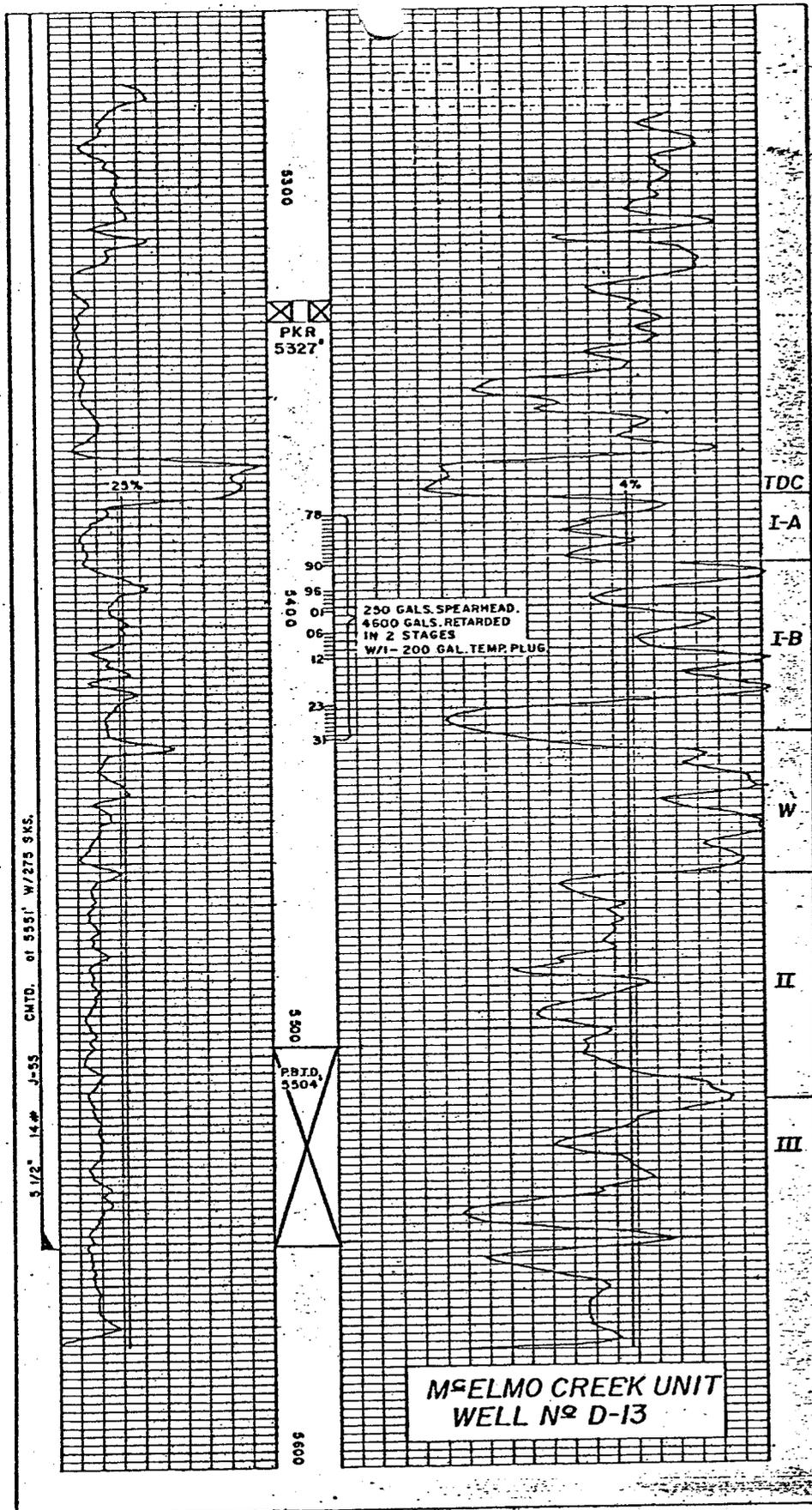
WATER BBL/DAY \_\_\_\_\_

PUMPING/FLOWING \_\_\_\_\_

CHOKE SIZE \_\_\_\_\_

FLOW TUBING PRESSURE \_\_\_\_\_

8-1-67: Set pkr. at 5327' on cement lined tubing. Converted to Injection well



**McELMO CREEK UNIT**  
 THE SUPERIOR OIL CO. OPERATOR  
 NW NE SEC. 2, T41 S, R24 E.  
 SAN JUAN COUNTY, UTAH.  
 ELEV. 4489' K.B.    TD. 5551'  
 REV: 8-24-67

Well No. D-13

ATTACHMENT I

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

(a) Well Data Sheets.

- (b) (1) Plat #1.
- (2) Well Data Sheets.
- (3) Well Data Sheets & Logs.
- (4)

- i. The average intervening thickness is 4000' between the existing injection interval and the deepest fresh water sand.
- ii. Maximum Surface Pressure: 2800 psig.  
Maximum Rate: 4000 BWPD.

<u>FORMATION</u>	<u>DEPTH</u>	<u>LITHOLOGY</u>
Chinle	1300' avg.	Shale
DeChelly	2350' avg.	Sandstone
Organ Rock	2600' avg.	Shale
Hermosa	4400' avg.	Limestone
Upper Ismay	5300' avg.	Limestone
Lower Ismay	5370' avg.	Limestone
Gothic	5450' avg.	Shale
Desert Creek	5460' avg.	Limestone
Chimney Rock	5550' avg.	Shale

- (5) (i) A throttling valve is installed on the wellhead to control injection rates and pressures.
- (ii) The source of injection water is Superior's production wells within the McElmo Creek Unit. The wells produce from the Ismay and Desert Creek formations with approximate depths of 5300' and 5460' respectively.

(iii) The analysis of injection water is as follows: (as parts per million).

PH: 6.5	Ca: 13770 ppm	SO4: 25 ppm
CL: 16700 ppm	Mg: 11421 ppm	H2S: 30 ppm
Fe: 3 ppm	HCO3: 109.8 ppm	Ba: -
CaCO3: 18470 ppm	CO3: -	Specific Gravity: 1.0553

McElmo Creek Unit

(5) Cont.

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

(v) Fresh water zones (Morrison, Bluff, Entrada) range from 0 to 1300' with Entrada being the deepest and somewhat saline.

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

PH: 6.6	Ca: 17410 ppm	SO4: 33 ppm
CL: 34800 ppm	Mg: 11518 ppm	H2S: 10 ppm
Fe: 1.5 ppm	HCO3: 48.8 ppm	Ba: -
CaCO3: 22150 ppm	CO3: -	Specific Gravity: 1.0902

(6) To assure that injection is confined to intervals intended to receive the disposed water, wireline diagnostic surveys are run periodically to determine whether any escapement is taking place. If such information is discovered, the disposal well will be shut-in until proper measure can be taken. Casing pressure readings are made regularly to verify that no tubing or packer leaks have developed. If such leaks develop, the well will be shut-in until proper repairs can be made.

(7) N/A.

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

(9) N/A.

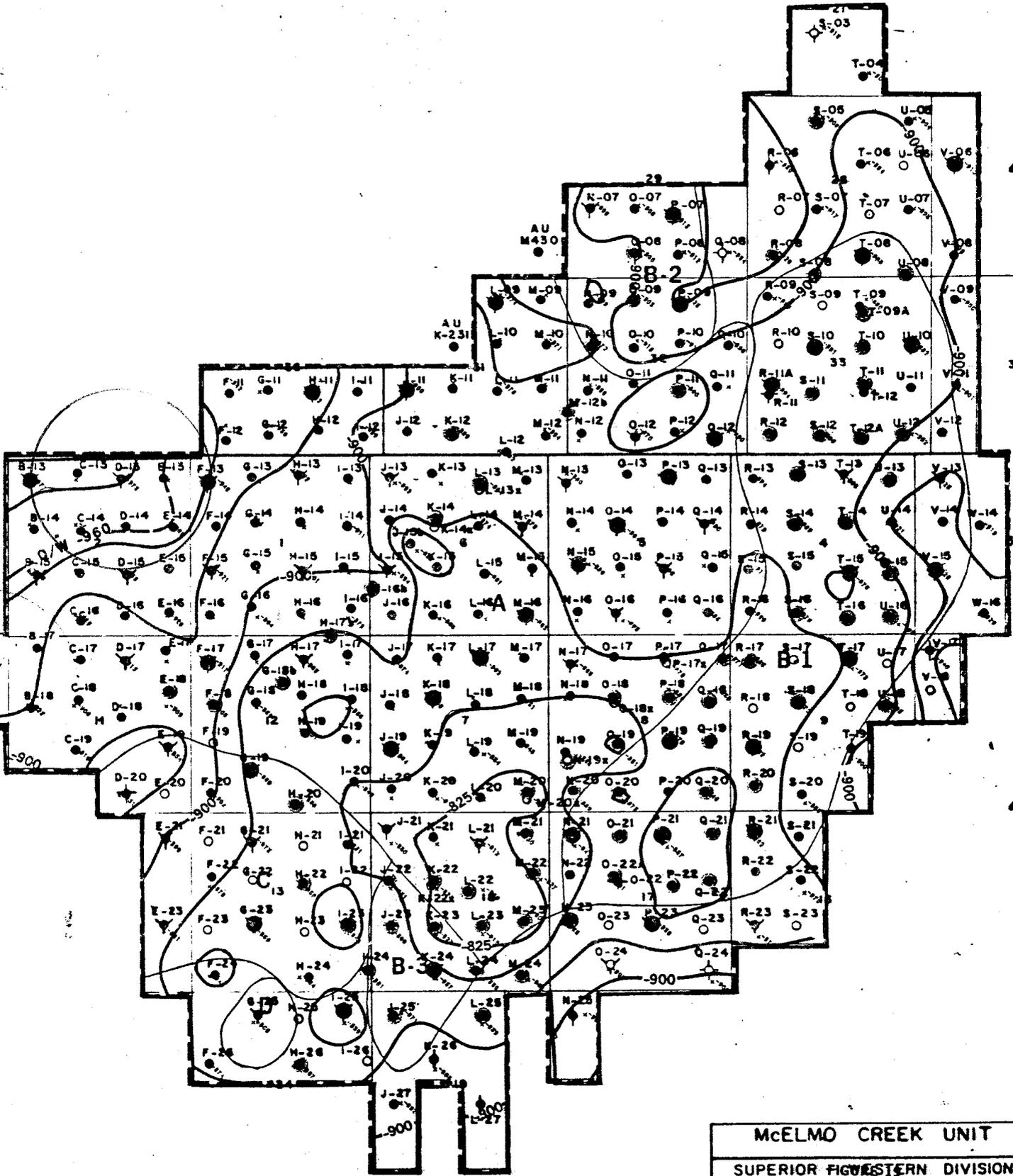
(10) N/A.

R24E

R25E

T 40 S

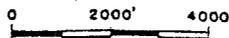
T 41 S



LEGEND

- FUTURE LOCATION
- DRILLING WELL (STATUS)
- OIL WELL
- ▼ WATER INJECTION WELL
- WITH VERTICAL LINE DUAL SERVICE, INJ/PROD

O/W CONTACT -960



McELMO CREEK UNIT	
SUPERIOR FIG WESTERN DIVISION	
McELMO CREEK UNIT	
SAN JUAN COUNTY UTAH	
LAND	
SUPERIOR OR WESTERN DIVISION	
BY: TOP OF	
McELMO CREEK LIMESTONE, DEL	
DATE: 4-14-73	DRAWING NO. 2
BY:	SCALE:
DATE:	C.I.: 25ft.
CHECKED:	DRAWN BY:

**CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW**

Operator: Superior Well No. McElroy Creek Unit  
 County: Santa Fe T 41S R 24E Sec. 2 API# 43-037-16340  
 New Well  Conversion  Disposal Well  Enhanced Recovery Well

	<u>YES</u>	<u>NO</u>
UIC Forms Completed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Plat including Surface Owners, Leaseholders, and wells of available record	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Schematic Diagram	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fracture Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Pressure and Rate Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Adequate Geologic Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Fluid Source Desert Creek Zone

Analysis of Injection Fluid	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	TDS <u>60,000+</u>
Analysis of Water in Formation to be injected into	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	TDS <u>70,000+</u>
Known USDW in area	<u>Wingate</u>	Depth <u>1300'</u>	
Number of wells in area of review	<u>10</u>	Prod. <u>7</u>	P&A <u>0</u>
		Water <u>0</u>	Inj. <u>3</u>
Aquifer Exemption	Yes <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	
Mechanical Integrity Test	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Date	<u>10-24-84</u>	Type	<u>Water Inventory</u>

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Reviewed by: [Signature]

Copy H. L. C.  
(SUBMIT IN TRIPLICATE)

		X
	2	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Indian Agency \_\_\_\_\_  
Window Rock  
Allottee Navajo  
Lease No. 14-20-603-6510

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	X
NOTICE OF INTENTION TO ABANDON WELL			

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

Wulshile B-2

August 24, 19 62

McElmo Creek Unit

Well No. D-13 is located 820 ft. from N line and 1920 ft. from E line of sec. 2

NW NE Section 2  
(1/4 Sec. and Sec. No.)

41S  
(Twp.)

24E  
(Range)

SLB6M  
(Meridian)

Greater Aneth  
(Field)

San Juan  
(County or Subdivision)

Utah  
(State or Territory)

The elevation of ~~the ground surface~~ above sea level is 4489 ft. KB

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)

6-8-62 Perforated the following intervals w/4 shots per foot:  
5378-90, 5396-5401, 5406-12, 5423-31'

Acid Job #1: Acidized with 250 gals. 15% acid, 2,300 gals. Retarded, 200 gal. temporary plug and 2,300 gal. Retarded. Displ. into formation with S.W. Pumped into formation with 4200# back to 3800# @ 5 BPM. No change when plug hit formation. Max pressure 4200#; Avg. inj. rate - 5.6 BPM.

6-10-62 ~~XXX~~ Ran 2 1/2" tubing to 5472'  
Seating Nipple @ 5429'  
Baker Compensator @ 5357'

137 BWP D 7 BOP D

7-2-62 Pumped 144 bbl. fluid in 24 hrs., cut 95% water, 40/50 tbg. press, GOR 10,71  
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. DRAWER 'G'

CORTEZ, COLORADO

Original Signed By

By D. D. KINGMAN

D. D. Kingman

Title Production Eng.

April 11, 1963

Superior Oil Company  
P. O. Drawer 'G'  
Cortez, Colorado

Re: Well No. McElmo Creek Unit D-13  
Sec. 2, T. 41 S, R. 24 E.,  
San Juan County, Utah

Gentlemen:

Reference is made to the "Log of Oil or Gas Well", U. S. Geological Survey Form 9-330, received from Wilshire Oil Company of Texas, March 16, 1962 for the above mentioned well.

According to the log this well was being turned over to the McElmo Creek Unit for the purpose of waterflood injection. However, upon checking your Monthly Operating Report for July, 1962 we note that this well is a shut-in oil well.

Would you please advise us of the date this well was completed as an oil well. Thank you for your cooperation in this request.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLARELLA N. PECK  
RECORDS CLERK

CNP

**THE SUPERIOR OIL COMPANY**

P. O. DRAWER 6

CORTEZ, COLORADO

April 15, 1963

State of Utah  
Oil & Gas Conservation Commission  
310 Newhouse Building  
Salt Lake City, Utah

Attention: Miss Clarella N. Peck

Dear Miss Peck:

As requested in your letter of April 11, 1963 to The Superior Oil Company, the McElmo Creek Unit #D-13 well was completed as an oil well June 10, 1962.

A copy of the USGS sundry notice for completing this well was sent to you August 24, 1962. If this notice was not received, we will be glad to furnish a copy at your request.

Very truly yours,



C. R. Waller

CRW/njh

File

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

SUBMIT IN DUPLICATE\*  
(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.)

5. LEASE DESIGNATION AND SERIAL NO.  
**14-20-603-6510**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**Navajo**

7. UNIT AGREEMENT NAME  
**McElmo Creek**

8. FARM OR LEASE NAME

9. WELL NO.  
**#D-13**

10. FIELD AND POOL, OR WILDCAT  
**McElmo Creek**

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

12. COUNTY OR PARISH  
**San Juan**

13. STATE  
**Utah**

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
**THE SUPERIOR OIL COMPANY - *Shilshire***

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  
**820' FNL & 1920' FEL  
Sec. 2, T41S, R24E  
San Juan County, Utah**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**4489' KB**

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

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

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

**Propose to set a packer at 5335' on plastic lined 2-7/8" tubing. Will inject water through tubing into the Desert Creek Zone.**

APPROVED BY UTAH OIL AND GAS  
CONSERVATION COMMISSION  
DATE: 6-27-67 by *Paul D. Burchell*  
CHIEF PETROLEUM ENGINEER

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

SIGNED *D. D. Kingman* TITLE Production Engineer DATE 6/22/67  
**D. D. Kingman**

(This space for Federal or State office use)

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

DDK/njh

\*See Instructions on Reverse Side

cc: State, USGS, Pohlman,  
Franques, Broussard, Lawson, File

*Card changed moved file*

Form 9-331  
(May 1963)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN \_\_\_\_\_ DATE\*  
(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.)

<input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER    Water Injection Well		7. UNIT AGREEMENT NAME McElmo Creek
2. NAME OF OPERATOR THE SUPERIOR OIL COMPANY		8. FARM OR LEASE NAME
3. ADDRESS OF OPERATOR P. O. DRAWER 'G', CORTEZ, COLORADO 81321		9. WELL NO. #D-13
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 820' FNL & 1920' FEL Section 2, T41S, R24E San Juan County, Utah		10. FIELD AND POOL, OR WILDCAT McElmo Creek
14. PERMIT NO.		11. SEC. T, R., M., OR BLK. AND SURVEY OR AREA Sec. 2, T41S, R24E
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4489' KB		12. COUNTY OR PARISH    13. STATE San Juan    Utah

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

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

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

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

8/1/67 Set packer at 5327' on cement lined tubing.

This report was prepared by the State Engineer of Utah, Department of Natural Resources, Salt Lake City, Utah, under contract to the United States Geological Survey, Denver, Colorado. The work was done under the supervision of the State Engineer and the assistance of the State Engineer's staff. The work was done in accordance with the terms of the contract. The work was done in accordance with the terms of the contract.

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

SIGNED D. D. Kingman TITLE Production Engineer DATE 8/22/67

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

DDK/njh

\*See Instructions on Reverse Side

cc: State 2, USGS 4, Franques, Broussard, Lawson, Pohlman, WIO, File

# 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

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

PROPERTY NAME	WELL NAME	COUNTY	STATE	SEC	TWNSHP	RNG	WELL TYPE	ST T A T	API NUMBER	FEDERAL LEASE NUMBER	STATE NUMBER	UNIT NUMBER
GOTHIC MESA	9-24	SAN JUAN	UT	SE	SW	9-41S-23E	INJ	SI	43-037-16452	14-20-603-242		94-004216
	9-44	SAN JUAN	UT	SE	SE	9-41S-23E	INJ	SI	43-037-16451	14-20-603-242		94-004216
	16-24	SAN JUAN	UT	SE	SW	16-41S-23E	INJ	SI	43-037-16454	14-20-603-243		94-004216
	16-44	SAN JUAN	UT	SE	SE	16-41S-23E	INJ	SI	43-037-16453	14-20-603-243		94-004216
HC ELMO CREEK	A17-1	SAN JUAN	UT	NE	NE	10-41S-24E	INJ	OP	43-037-05592	14-20-0603-6148		96-004190
	A17-2	SAN JUAN	UT	NE	NE	10-41S-24E	INJ	SI	43-037-05592	14-20-0603-6140		96-004190
	B-13	SAN JUAN	UT	NW	NW	2-41S-24E	INJ	OP	43-037-05701	14-20-603-6509		96-004190
	B-15	SAN JUAN	UT	NW	SW	02-41S-24E	INJ	OP	<u>43-037-05657</u>	14-20-603-6508		96-004190
	D-13	SAN JUAN	UT	NW	NE	2-41S-24E	INJ	OP	43-037-16267	14-20-603-6510		96-004190
	D-15	SAN JUAN	UT	NW	SE	2-41S-24E	INJ	OP	43-037-05656	14-20-0603-6147		96-004190
	D-17	SAN JUAN	UT	NW	NE	11-41S-24E	INJ	OP	43-037-15704	14-20-603-5447		96-004190
	E-19	SAN JUAN	UT	NE	SE	11-41S-24E	INJ	OP	43-037-16342	14-20-603-5449		96-004190
	E-21	SAN JUAN	UT	NE	NE	14-41S-24E	INJ	OP	43-037-16343	14-20-603-370		96-004190
	E-23	SAN JUAN	UT	NE	SE	14-41S-24E	INJ	OP	43-037-16344	14-20-603-370		96-004190
	F-11	SAN JUAN	UT	NW	SW	36-40S-24E	INJ	OP	43-037-05743	14-20-0603-6146		96-004190
	F-13	SAN JUAN	UT	NW	NW	01-41S-24E	INJ	OP	43-037-16345	14-20-603-4032		96-004190
	F-15A	SAN JUAN	UT	NW	SW	1-41S-24E	INJ	OP	43-037-31149	14-20-603-4032		96-004190
	F-17	SAN JUAN	UT	NW	NW	12-41S-24E	INJ	OP	43-037-15493	14-20-603-4039		96-004190
	F15A	SAN JUAN	UT	NW	SW	01-41S-24E	INJ	OP	43-037-31149	14-20-603-4032		96-004190
	G-18	SAN JUAN	UT	SE	NW	12-41S-24E	INJ	OP	<u>43-037-15494</u>	14-20-603-4039		96-004190
	G-19	SAN JUAN	UT	NE	SW	12-41S-24E	INJ	OP	43-037-05532	14-20-603-5450		96-004190
	G-21	SAN JUAN	UT	NE	NW	13-41S-24E	INJ	SI	43-037-16347	14-20-603-370		96-004190
	G-21A	SAN JUAN	UT	NE	NW	13-41S-24E	INJ	OP	43-037-30974	14-20-603-370		96-004190
	G-23	SAN JUAN	UT	NE	SW	13-41S-24E	INJ	OP	43-037-16348	14-20-603-370		96-004190
G-25	SAN JUAN	UT	NE	NW	24-41S-24E	INJ	OP	43-037-16349	14-20-603-370		96-004190	
H-11	SAN JUAN	UT	NW	SE	36-40S-24E	INJ	OP	43-037-05739	14-20-0603-6145		96-004190	
H-13	SAN JUAN	UT	NW	NE	01-41S-24E	INJ	OP	43-037-05708	14-20-603-4032		96-004190	
H-15	SAN JUAN	UT	NW	SE	01-41S-24E	INJ	OP	43-037-05666	14-20-603-4039		96-004190	
H-17	SAN JUAN	UT	NW	NE	12-41S-24E	INJ	OP	43-037-05605	14-20-603-4039		96-004190	
I-20	SAN JUAN	UT	SE	SE	12-41S-24E	INJ	OP	43-037-05524	14-20-603-4495		96-004190	

Converted 8/1/67 ✓

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

OPERATOR: MEPNA

FIELD: Greater Aneth LEASE: McElmo Creek

WELL # D-13 (Nauajo 2-A) SEC. 2 TOWNSHIP 41S RANGE 24E

STATE FED. FEE DEPTH 5551 TYPE WELL INJW MAX. INJ. PRESS. 2800

PBTD 5504' Water Train Survey Run Rate 4000 BWPD  
10/24/84

TEST DATE 9/10/86

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>	<u>13<sup>3</sup>/<sub>8</sub></u>	<u>103'</u>	<u>100 SX</u>		<u>SI - due to #6</u>	
<u>INTERMEDIATE</u>	<u>8<sup>5</sup>/<sub>8</sub></u>	<u>1387'</u>	<u>700 SX</u>		<u>injection trunk</u>	
<u>PRODUCTION</u>	<u>5<sup>1</sup>/<sub>2</sub></u>	<u>5332'</u>	<u>275 SX</u>		<u>line shut-down</u>	
<u>TUBING</u>	<u>2<sup>7</sup>/<sub>8</sub></u>	<u>5332</u>				

Baker Lok - set PKr at 5327

10/22

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>				<u>-0-</u>	<u>Bradenhead cellar</u>	
<u>INTERMEDIATE</u>					<u>needs to be dug out</u>	
<u>PRODUCTION</u>				<u>-0-</u>	<u>crew dug it out later + took a reading of 0</u>	
<u>TUBING</u>				<u>2100</u>		

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: 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.

SUBMIT IN TRIPLICATE

RECEIVED  
JUN 27 1991

1. Type of Well  
 Oil Well     Gas Well     Other INJECTION

2. Name of Operator  
 MOBIL OIL CORPORATION

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 820 FNL 1920 FEL SEC. 2, T41S, R24E

DIVISION OF  
OIL GAS & MINING  
(915) 688-2585

5. Lease Designation and Serial No.  
 14-20-603-6510

6. If Indian, Allottee or Tribe Name  
 NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation  
 MCELMO CREEK

8. Well Name and No.  
 D-13

9. API Well No.  
 43-037-16267

10. Field and Pool, or Exploratory Area  
 GREATER ANETH

11. County or Parish, State  
 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"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <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.)\*

THE SUNDRY NOTICE DATED APRIL 7, 1982 REQUESTING APPROVAL TO PLUG BACK IS NOT REQUIRED. THE WORKOVER WAS NEVER STARTED AND IT IS NOT IN FUTURE PLANS.

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

Signed Shirley Todd SHIRLEY TODD

Title \_\_\_\_\_

Date 6-18-91

(This space for Federal or State office use)

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

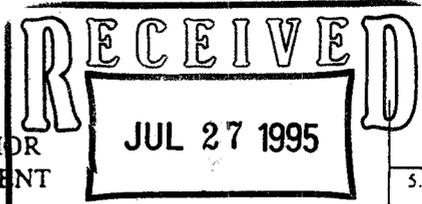
Title \_\_\_\_\_

Date \_\_\_\_\_

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 OF **DWELL SOIL, GAS & MINING**

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. **14-20-603-6510**

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 D-13**

9. API Well No.  
**43-037-16267**

10. Field and Pool, or Exploratory Area  
**Greater Aneth**

11. County or Parish, State  
**San Juan, UT**

SUBMIT IN TRIPLICATE

1. Type of Well  
 Oil Well     Gas Well     Other **Injection**

2. Name of Operator  
**MOBIL OIL CORPORATION**

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**820' FNL, 1920' FEL  
Sec. 2, T41S, R.24E**

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 <b>MIT Failures</b>
	<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.)\*

**MIT Failure due to mechanical or casing leak. A procedure will be submitted if the well has a casing leak**

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

Signed Shirley Robertson Title Environmental + Reg Technician Date 7-22-95

(This space for Federal or State office use)

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

STATE OF UTAH  
INVENTORY OF INJECTION WELLS

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

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

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

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

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

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

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

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

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

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

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

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

# Mobil Oil Corporation

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

May 14, 1986

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

Attn: R. J. Firth  
Associate Director

RECEIVED  
MAY 16 1986

DIVISION OF  
OIL, GAS & MINING

## SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

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

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

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

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

Very truly yours,



CNE/rd  
CNE8661

R. D. Baker  
Environmental Regulatory Manager

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

Routing	
1- LFC	7- PL
2- LWP	8- SJ
3- <del>DES</del> 9- FILE	
4- VLC	
5- RJF	
6- LWP	

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

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

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

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

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

Name: <u>** SEE ATTACHED **</u>	API: <u>037-16267</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

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

ENTITY REVIEW

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

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

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

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

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

FILMING

- ✓* 1. All attachments to this form have been microfilmed. Date: *October 6* 19*95*.

FILING

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

COMMENTS

*950803 LIC F5/Not necessary!*

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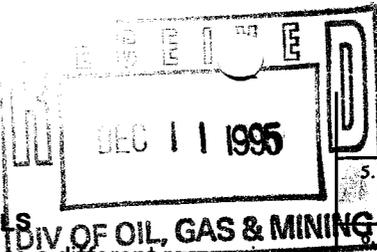


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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



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.

14-20-603-6510

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

MCELMO CREEK UNIT

8. Well Name and No.

D-13

9. API Well No.

43-037-16267

10. Field and Pool, or exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN UT

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well  Gas Well  Other INJECTOR

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

3. Address and Telephone No.

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

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

820 FNL, 1920 FEL  
SEC. 2, T41S, R24E

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

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

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

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

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

SEE ATTACHMENT

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

Signed Shelley Robinson

Title ENV. & REG. TECHNICIAN

Date 12-07-95

(This space for Federal or State Office Use)

Approved by [Signature]

Title Petroleum Engineer

Date 12/12/95

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.

MEPUS. FOUR CORNERS AREA  
WORKOVER PROGRAM

FIELD: Greater Aneth DATE: 6 DEC 95  
LEASE: McElmo Creek Unit WELL: D-13  
AFE: \$114 8/8ths routing for approval PRISM ID #: 0000185

LOCATION: 820'FNL, 1920'FEL, SEC. 2-T41S-R24E

ELEVATION: 4488' RKB TOTAL DEPTH: 5561 FT. MD.  
P8TD: 5417 FT. MD. (Cmt. ret.)

WORKOVER RIG: Navajo West WORKOVER FLUID: 10 ppg brine

EXISTING PERFS: 5378'-5390', 5396'-5401', 5406'-5412'

PROPOSED PERFS: SAME AS EXISTING

PROPOSED WORK: Pull and lay down 2-7/8", 6.5 lb/ft J-55 EUE 8rd  
fluorolined injection tubing, PU 2-7/8" EUE 8rd workstring, retrieve  
Baker Lok-set packer, clean well out to 5417' using bit/scrapper, run  
GR/METT/CCL log, set a CIBP, replace wellhead, PT and squeeze casing as  
necessary, CO well, set a wireline set, tubing retrievable packer,  
complete well with a latching seal assembly using used 2-7/8", 6.5 lb/ft  
J-55 EUE 8rd KCTS fluorolined tubing.

JUSTIFICATION: The D-13 failed mechanical integrity testing and was shut  
in as required by the EPA. This well directly supports 24 BOPD of  
pattern production which will be lost if this work is not completed.

PREPARED BY: S. S. MURPHY

McElmo Creek D-13  
Workover Procedure

1. Lock and tag out all power sources. RU pump and pump lines to christmas tree. Bullhead 50 bbls of 10 ppg brine into well. Observe well the next day to confirm if well is dead.
2. MI workover rig. ND tree. NU and PT BOP's. Release Baker inverted Lok-Set packer at 5327'. POH laying down injection tubing.
3. PU bit/scrapper on 2-7/8" workstring and CO to PBTD at 5417'. POH.  
NOTE: Space casing scraper out to not enter top perforation at 5378'.
4. RU wireline. RIH with GR/METT/CCL and log from 5417' to 4400'. POH. RIH and set CIBP at 5325'. RDMO wireline unit. ND BOP's. NU new wellhead as per Ken Britton with Big Red Tools. NU and FT BOP's. PT casing to 1000 psi for 30 minutes. 5 percent leakoff or less is acceptable. If PT fails, RIH with squeeze packer and locate casing leak. POH. RIH open ended and spot 50 sxs class B cement with 2 percent CaCl<sub>2</sub> across leak. Pull out of cement and reverse out. Bradenhead squeeze to 1000 psi. POH. WOC 12 hours. RIH with junk mill and drill out cement. PT casing to 1000 psi. Resqueeze as necessary. If PT OK after squeeze, drill out CIBP and CO well to PBTD at 5417'. POH laying down workstring.

5. RU wireline. RIH with junk basket/guage ring to 5350'. POH.

6. RIH with the following production packer assembly on wireline:

DESCRIPTION	MAX. O.D. in.	MIN. I.D. in.	LENGTH ft.
5-1/2" X 2.688" 14 lb/ft wireline set Guiberson Uni-X retrievable seal bore packer (Nickel plated and plastic coated) with 90 Duro Nitrile ends w/78 Duro Polyepichlorohydrin CO2 center elastomers w/4.5' X 2.688" 316 stainless steel seal bore extension w/Aflas o-rings on all threaded connections	4.75	2.688	11.42
316 stainless steel sealbore AB modified box X 2-3/8" EUE 8rd pin x-over	4.75	1.995	0.75
6 ft 316 stainless steel 2-3/8", 4.7 lb/ft pup joint w/EUE 8rd AB Modified box X pin	3.063	1.995	6.0
316 stainless steel Model F non-ported seating nipple, Size 1.812 w/2-3/8", 4.7 lb/ft EUE 8rd AB Modified box X pin	3.063	1.812	1.0
6 ft 316 stainless steel 2-3/8", 4.7 lb/ft pup joint w/EUE 8rd AB Modified box X pin	3.063	1.995	6.0
316 stainless steel Model R non-ported NoGo seating nipple, Size 1.781 w/2-3/8", 4.7 lb/ft EUE 8rd AB Modified box X pin	3.063	1.728	1.0
316 stainless steel wireline entry guide <u>without</u> pump-out plug, size 2-3/8", 4.7 lb/ft EUE 8rd AB Modified box	3.063	1.995	0.5

NOTE: All connections to be made up with Baker super B.

7. Set top of packer at 5320'EL. NOTE: Based on METT log, packer setting depth can be adjusted to not set in bad casing or in a casing collar. POH with setting tool. RDMO wireline.

8. PU and RIH with the following latch type seal assembly and used injection string:

DESCRIPTION	MAX. O.D.	MIN. I.D.	LENGTH
	<u>in.</u>	<u>in.</u>	<u>ft.</u>
2-3/8", 4.7 lb/ft AB Modified 8rd X 2.688" Guiberson latch nipple w/ATR seals, 7 ft long spacer tube, one ATR seal nipple, one ATR seal unit, one ATR seal unit made of 316 stainless steel, 1/2 muleshoe made of 316 stainless steel, I.D. of flow area of seal assembly is plastic coated, all 8 TPI stub acme boxes to have Aflas o-rings, all 10 rd boxes to be AB modified with Teflon rings installed. Assembly to be pressure tested to 3000 psi using nitrogen prior to being sent to location.	3.45	1.901	11.0
6' pup joint, 2-3/8" 316 stainless steel 4.7 lb/ft with EUE 8rd AB Modified Box X Pin	3.063	2.25	6.0
316 stainless steel Model F non-ported seating nipple, Size 1.87 w/2-3/8", 4.7 lb/ft EUE 8rd AB Modified box x pin	3.063	1.87	2.0
316 stainless steel 2-7/8", 6.5 lb/ft EUE 8rd AB Modified Box X 2-3/8", 4.7 lb/ft EUE 8rd pin x-over	3.668	2.25	1.0
2-7/8" KCTS box X EUE 8rd pin	3.668	2.14	1.0
2-7/8", 6.5 lb/ft J-55 KCTS (Threadmasters Torque Ring) Fluorolined Tubing w/pup joints as required	3.668	2.14	

NOTE: A. All used KCTS tubing to be torque turned to 2250 ft-lbs. All connections of seal assembly and tubing to be made up using Baker super B thread compound containing teflon. Use permitek on permiserts. Bill Allman with Permian to supervise running of tubulars 505/632-8702.

B. Rabbit tubing with 2.0" O.D. rabbit.

9. Sting seal assembly into production packer and space out for 15,000 lbs compression at surface. PT backside to 500 psi. Rotate to the right and release seal assembly from packer. Install necessary 2-7/8", 6.5 lb/ft J-55 KCTS fluorolined tubing pup joints and landing joint. Reverse circulate fresh water packer fluid containing 1 percent by volume of Tretolite CRW137 corrosion inhibitor/oxygen scavenger.

10. ND BOPS. Screw on christmas tree. Insure that Teflon ring in box on christmas tree is a new ring. Snap into snap latch and confirm by pulling 10,000 lbs tension. Land tree and bolt up flange. RDMD workover rig. Hook up injection lines. Clean location.

11. Perform Mechanical Integrity Test (MIT) for EPA. Contact Jim Walker of the Navajo EPA in Shiprock at 505/368-1040 to witness. Use chart recorder to record test. Send copies of chart to Shirley Robertson, Midland - 1046 MOB, Ed Barber, Aneth, and Aneth files. Fill out Utah tax credit form and submit to Tiny Higman, Cortez office. After obtaining an acceptable MIT, place well on water injection on maximum choke.

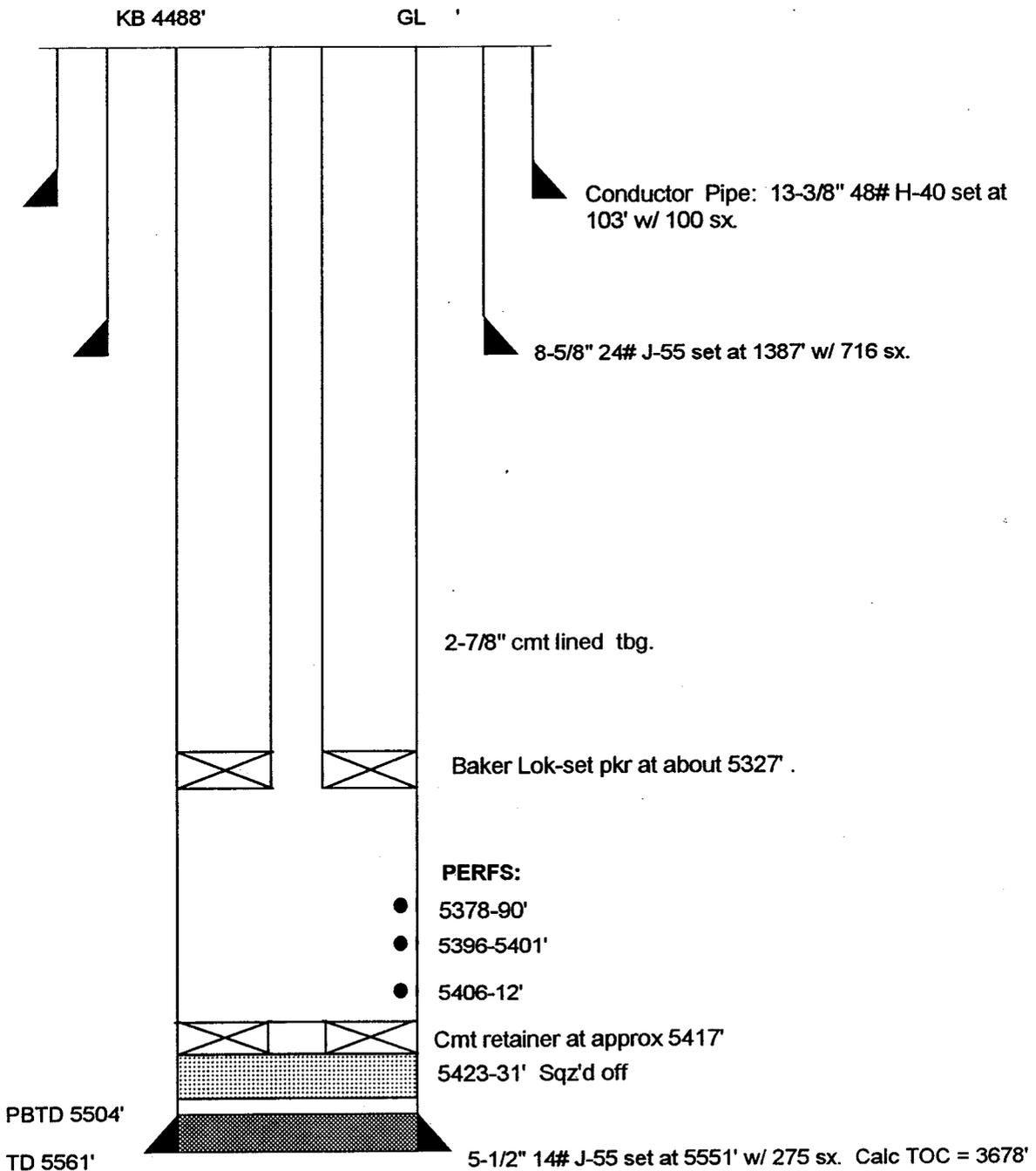
VENDORS LIST

<u>DESCRIPTION</u>	<u>VENDOR</u>
Snubbing Unit (If Necessary)	Live Well
Corrosion Inhibitor	Tretolite
Supervision of running tubulars	Bill Allman
Torque Turn Services	Tong Rentals, Inc.
Logging, perforating, junk basket/ gauge ring, packer setting	Schlumberger
Production packer, 316 stainless steel tubing nipples, seal assembly, wireline re-entry guide, pump out plug	Guiberson
316 Stainless steel pup joints, x-overs	Guiberson
Cementing Services (If Necessary)	Halliburton
Inspection of Christmas Tree	Big Red Tool
Inspection of used tubing string and repair	Permian Interprises
Bit, scraper, squeeze packer, water hauling	Not Specified

**McELMO CREEK UNIT # D-13**  
**GREATER ANETH FIELD**  
 820' FNL & 1920' FEL  
 SEC 2-T41S-R24E  
 SAN JUAN COUNTY, UTAH  
 API 43-037-16267  
 PRISM 0000185

**INJECTOR**

EXISTING



## WELL HISTORY

**WELL NAME:** McElmo Creek Unit # D-13  
**FIELD NAME:** Greater Aneth Field  
**LOCATION:** 820' FNL, 1920' FEL, SEC 2, T41S, R24E  
**COUNTY, STATE:** San Juan County, Utah  
**API NUMBER:** 43-037-16267  
**PRISM ID:** 0000185

Completion Date: 1962  
Ground Level: Total Depth: 5561'  
KB: 4488' PBTB: 5504'

### HISTORY:

1-12-62 to 2-14-62 DRILL AND COMPLETE:  
OH LOGS:  
CSG: 13-3/8" 48# H-40 SET AT 103', HOLE 17-1/2", W/ 100 SX.  
8-5/8" 24# J-55 SET AT 1387', HOLE 11", W/ 716 SX. CIRC TO SURFACE.  
5-1/2" 14# J-55 SET AT 5551', HOLE 7-7/8", W/ 275 SX. CALC TOC AT 3678' ASSUMING NO FORMATION LOSS.

6-10-62 INITIAL COMPLETION (??): TAG PBTB AT 5504'. PERFORATED 4 SPF 5378-90', 5396-5401', 5406-12', 5423-31'. SET PKR AT 5356'. SPOT 250 GAL 15% ACID ACROSS PERFS. ACIDIZED W/ 4600 GAL RETARDED ACID IN 2 EQ STAGES. 5 BPM AT 4200#-3800#, MP 4200#, MIN 3600#, AIR 5.6 BPM. ISIP 2000#, 20 MIN SI 400#. POP.

8-1-67 CONVERT TO WATER INJECTION: SET BAKER LOKSET PKR AT 5327' ON CMT LINED 2-7/8" HYDRIL TBG.

9-27-77 ACIDIZED PERFS W/ 2000 GAL 28% NE FE HCL ACID. 3-4 BPM, ISIP 3100#, 15 MIN 1700#.

3-31-82 SUNDRY NOTICE OF INTENT TO SET CMT RETAINER AT 5417', SQZ PERFS 5423-31' W/ 100 SX THIXOTROPIC CMT, ACIDIZED PERFS 5378-5412' W/ 3000 GAL 28% HCL USING STRADDLE PKRS, SWAB, AND RERUN INJECTION STRING. FILE INCLUDES APPROVED AFE BUT DOES NOT INCLUDE COMPLETION REPORT. BELIEVE THIS WORK TO HAVE BEEN COMPLETED 6-82.

7-22-95 SUNDRY NOTICE: MIT FAILURE DUE TO MECHANICAL OR CSG LEAK. PROCEDURE TO FOLLOW IF CSG LEAK.

Source of information: Mobil's Cortez Office files.  
LA Tucker October 31, 1995



**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.

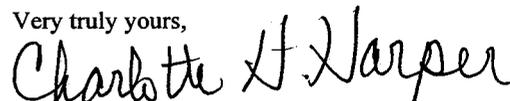
Please note the change of name of MOC to ExxonMobil Oil Corporation in your records pertaining to any MOC permits.

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,

**DEAN 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	<i>DBM</i>
NATV AMIN COORD	
SOLID MIN TEAM	
PETRO	MIN TEAM <i>2</i>
O & G INSPECT TEAM	
ALL TEAM LEADERS	
LAND RESOURCES	
ENVIRONMENT	
FILES	

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

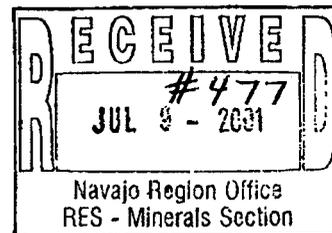
*PS 7/12/2001*  
*SH*  
*543*  
*File*

June 27, 2001

**ExxonMobil**  
*Production*

Certified Mail  
Return Receipt Requested

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



Change of Name -  
Mobil Oil Corporation to  
ExxonMobil Oil Corporation

Dear Ms. Denetsone:

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

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

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

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

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

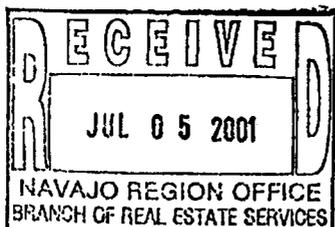
If you have any questions , please contact Alex Correa at (713) 431-1012.

Very truly yours,

*Charlotte H. Harper*

Charlotte H. Harper  
Permitting Supervisor

Attachments



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

*NOTE: Check forwarded to Ella Issac*

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

Gentlemen:

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

OFFICERS

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

DIRECTORS

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

Sincerely,

Alex Correa

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



Signature

AGENT AND ATTORNEY IN FACT

Title

**CERTIFICATION**

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

**CHANGE OF COMPANY NAME**

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

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

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

ExxonMobil Oil Corporation",

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

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

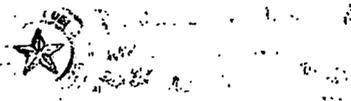
WITNESS, my hand and the seal of the Corporation at Irving, Texas, this 8th day of June, 2001.

S. A. Milligan  
Assistant Secretary

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

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

Janice M. Phillips  
Notary Public



**LISTING OF LEASES OF MOBIL OIL CORPORATION**

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

6/1/01

# CHUBB GROUP OF INSURANCE COMPANIES

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

*NW Bond*

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

**BOND NO 8027 31 97**

wherein

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

**FEDERAL INSURANCE COMPANY AS SURETY,**

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

**in the amount of \$150,000.00**

**bond date: 11/01/65**

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

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

**TO : ExxonMobil Oil Corporation**

All other terms and conditions of this Bond are unchanged.

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

**ExxonMobil Oil Corporation**

By :



**FEDERAL INSURANCE COMPANY**

By:



Mary Pierson, Attorney-in-fact



POWER OF ATTORNEY

Federal Insurance Company  
Vigilant Insurance Company  
Pacific Indemnity Company

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

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

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

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

*Kenneth C. Wendel*  
Kenneth C. Wendel, Assistant Secretary

*Frank E. Robertson*  
Frank E. Robertson, Vice President

STATE OF NEW JERSEY } ss.  
County of Somerset

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



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

*Karen A. Price*  
Notary Public

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

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

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

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

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



*Kenneth C. Wendel*  
Kenneth C. Wendel, Assistant Secretary

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

CSC.

5184334741

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

CSC.

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

F010601000187

**CERTIFICATE OF AMENDMENT**  
**OF**  
**CERTIFICATE OF INCORPORATION**  
**OF**  
**MOBIL OIL CORPORATION**

CSC 45

(Under Section 805 of the Business Corporation Law)

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

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

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

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

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

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

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

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

CSC  
CSC

5184334741

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

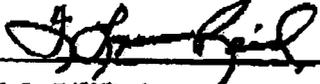
FOURTH: That the amendments to the Certificate of Incorporation were authorized by the Board of Directors followed by the holder of all outstanding shares entitled to vote on amendments to the Certificate of Incorporation by written consent of the sole shareholder dated May 22, 2001.

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

  
\_\_\_\_\_  
F. A. Risch, President 

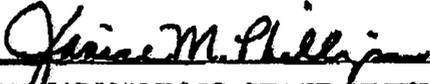
STATE OF TEXAS       )  
COUNTY OF DALLAS   )

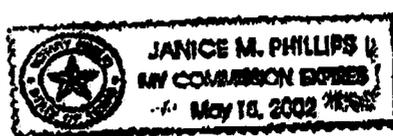
F. L. REID, being duly sworn, deposes and says that he is the Secretary of MOBIL OIL CORPORATION, the corporation mentioned and described in the foregoing instrument; that he has read and signed the same and that the statements contained therein are true.

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

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

[SEAL]

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



CSC  
CSC

5184334741

06/01 '01 09:01 NO.411 02/02  
06/01 '01 09:06 NO.133 04/04  
**F010601000187**

**CSC 45**

**CERTIFICATE OF AMENDMENT**

**OF**

**MOBIL OIL CORPORATION**

Under Section 805 of the Business Corporation Law

*SAC*

**STATE OF NEW YORK  
DEPARTMENT OF STATE**

*100 cc*

Filed by: EXXONMOBIL CORPORATION  
(Name)

FILED JUN 01 2001

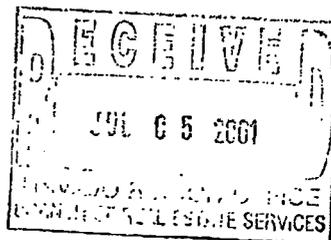
5959 Las Colinas Blvd.  
(Mailing address)

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

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

*ny Albany*

*Cost Ref # 16557817PJ*



**010601000195**

*State of New York }  
Department of State } ss:*

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

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



*Special Deputy Secretary of State*

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

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

Change of Operator (Well Sold)

Designation of Agent

**X Operator Name Change**

Merger

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

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

**CA No. Unit: MCELMO CREEK**

**WELL(S)**

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

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

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

7. **Federal and Indian Units:**

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

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

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

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

**NOTE: EPA ISSUES UIC PERMITS**

**DATA ENTRY:**

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

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

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

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

**STATE WELL(S) BOND VERIFICATION:**

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

**FEDERAL WELL(S) BOND VERIFICATION:**

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

**INDIAN WELL(S) BOND VERIFICATION:**

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

**FEE WELL(S) BOND VERIFICATION:**

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

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

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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

**ROUTING**

1. DJJ
2. CDW

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

Operator Name Change/Merger

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

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

**DATA ENTRY:**

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

**BOND VERIFICATION:**

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

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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**TRANSFER OF AUTHORITY TO INJECT**

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

EFFECTIVE DATE OF TRANSFER: 6/1/2006

**CURRENT OPERATOR**

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

**NEW OPERATOR**

Company: Resolute Natural Resources Company Name: Dwight E Mallory  
 Address: 1675 Broadway, Suite 1950 Signature: [Signature]  
city Denver state CO zip 80202 Title: Regulatory Coordinator  
 Phone: (303) 534-4600 Date: 4/29/2006  
 Comments: A list of affected UIC wells is attached.  
 New bond numbers for these wells are:  
 BIA Bond # PA002769 and US EPA Bond # B001252

(This space for State use only)

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

Approval Date: 6/12/06

Comments:

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 APR 24 2006  
 DIV. OF OIL, GAS & MINING

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: See attached list
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo Tribe
1. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Unit Agreement</u>		7. UNIT or CA AGREEMENT NAME: McElmo Creek Unit
2. NAME OF OPERATOR: Resolute Natural Resources Company <u>N2700</u>		8. WELL NAME and NUMBER: See attached list
3. ADDRESS OF OPERATOR: 1675 Broadway, Suite 1950 CITY Denver STATE CO ZIP 80202		9. API NUMBER: Attached
PHONE NUMBER: (303) 534-4600		10. FIELD AND POOL, OR WILDCAT: Greater Aneth
4. LOCATION OF WELL FOOTAGES AT SURFACE: <u>See attached list</u>		COUNTY: <u>San Juan</u>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		STATE: <u>UTAH</u>

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

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APR 24 2006  
DIV. OF OIL, GAS & MINING

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

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

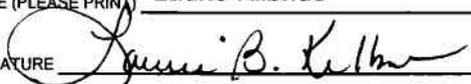
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

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

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

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

(This space for State use only)

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

**RECEIVED**  
**APR 21 2006**

DIV. OF OIL, GAS & MINING

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

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

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

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

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

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Serial No.  
**14-20-0603-6510 et al**

6. If Indian, Allottee or Tribe Name  
**NAVAJO NATION**

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

8. Well Name and No.  
**McELMO CREEK UNIT D-13 et al**

9. API Well No.  
**43-037-16267 et al**

10. Field and Pool, or Exploratory Area  
**GREATER ANETH**

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

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
**RESOLUTE ANETH, LLC\***

3a. Address  
**1675 BROADWAY, SUITE 1950, DENVER, CO 80202**

3b. Phone No. (include area code)  
**303 534-4600**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**820' FNL & 1920' FEL 2-41S-24E SLBM et al**

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input checked="" type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

\*a wholly owned subsidiary of Resolute Natural Resources Company

Will connect 8 wells (D-13, F-11, F-13, H-11, J-11, L-09, N-07, N-09) within 30' x 26,570.00' corridor as shown on attachments. Pipeline trench width will be ≈2'. Depth will be ≈48". Trench will contain:  
 water injection pipeline (≈3" O. D. steel IPC/EPC; maximum operating pressure = 3,000 psi; test pressure = 3,750 psi)  
 CO2 injection pipeline (≈3" O. D. steel IPC/EPC; maximum operating pressure = 3,000 psi; test pressure = 3,750 psi)  
 Will install 3 phase ≈25 kV overhead raptor safe power line & fiber optic communications line on 25' high wood poles in same 30' wide corridor. If for any reason cannot build overhead, then will dig second parallel trench within same 30' wide corridor. Second trench (≈1' wide x ≈3' deep and ≈10' from first trench) will hold communications line & power line. All anchors, guys, cathodic protection, valves, headers, meters, telemetry, etc. will be within maximum 30' wide corridor. All corridors will be fully reclaimed and future maintenance or repairs will be limited to maximum width of 20'. Total land use = 18.300 acres (all Tribal). All within McElmo Creek Unit.

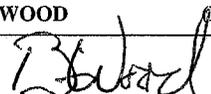
cc: BIA (Shiprock), BLM (Farmington), Cantwell, Navajo Nation, Tripp, UDOGM

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

**FOR RECORD ONLY**

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

Name (Printed/Typed) **BRIAN WOOD** (PHONE 505 466-8120) Title **CONSULTANT** (FAX 505 466-9682)

Signature  Date **10/15/2009**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

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

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

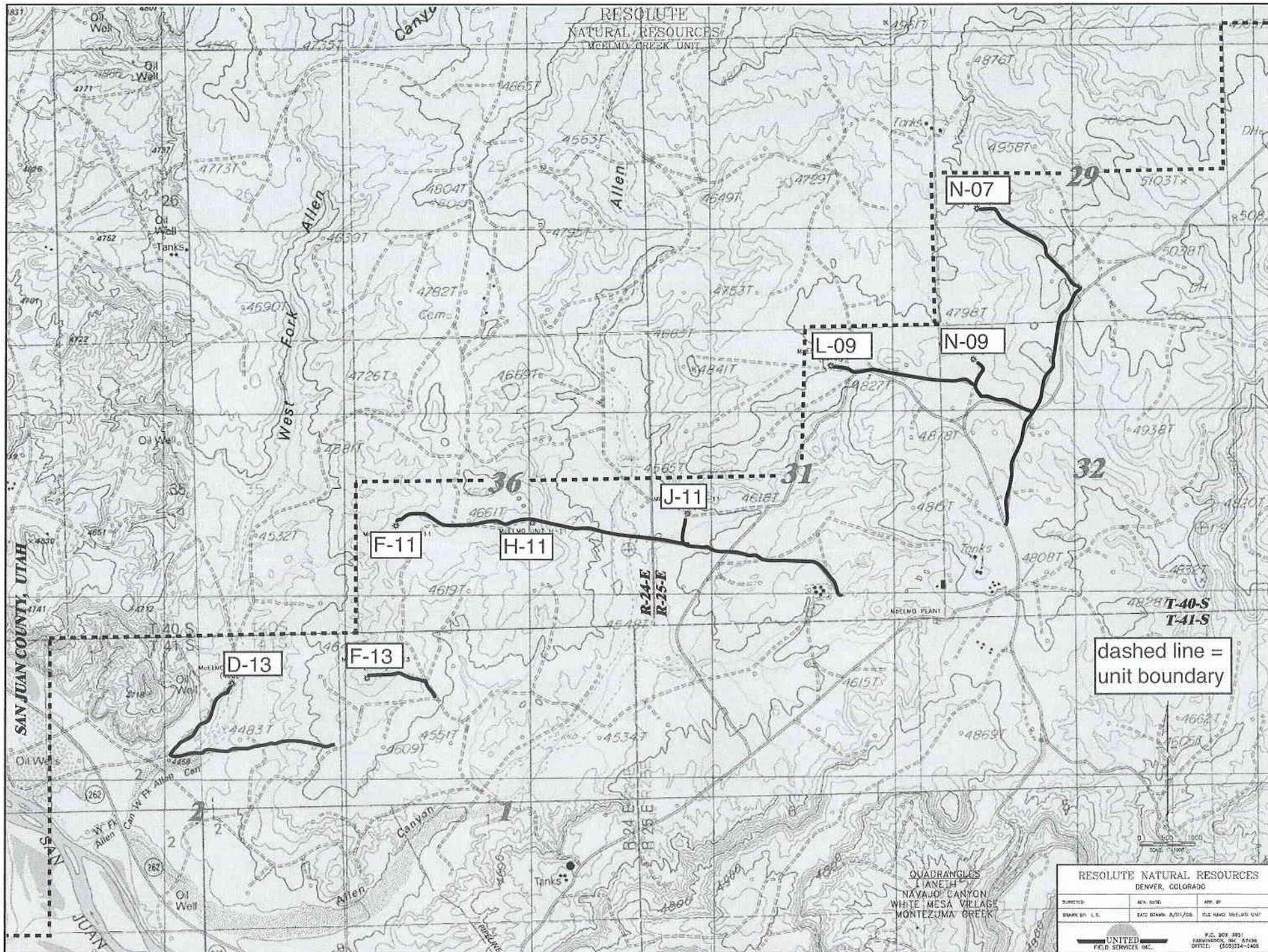
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to a person in any agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**RECEIVED**

**OCT 21 2009**

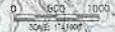
**DIV. OF OIL, GAS & MINING**



RESOLUTE  
NATURAL RESOURCES  
MEELMO CREEK UNIT

SAN JUAN COUNTY, UTAH

dashed line =  
unit boundary



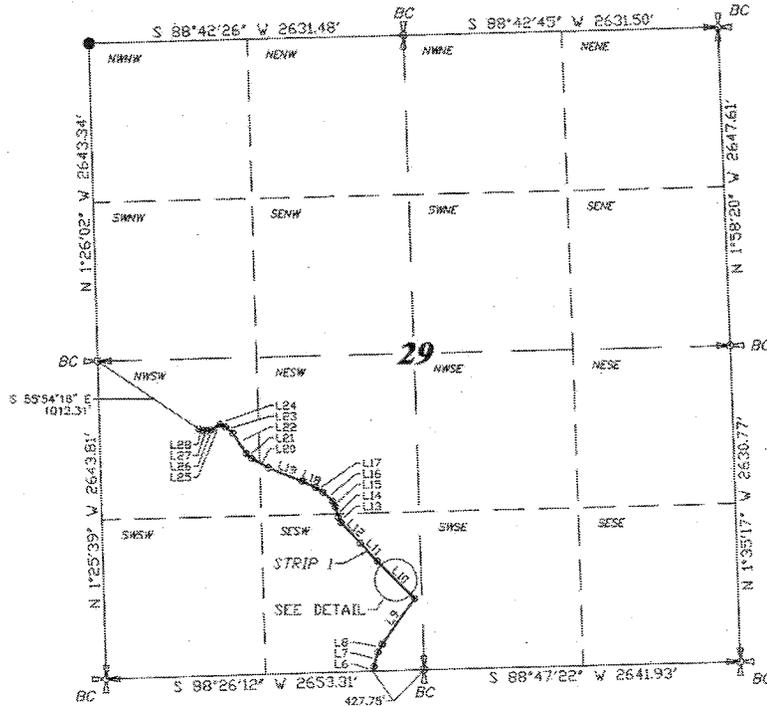
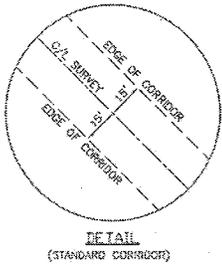
QUADRANGLES  
JANETH  
NAVAJO CANYON  
WHITE MESA VILLAGE  
MONTEZUMA CREEK

RESOLUTE NATURAL RESOURCES  
DENVER, COLORADO

DRAWN BY: U.S.	REV. NO.:	APP. BY:
DATE DRAWN: 4/11/05	FILE NAME: MEELMO UNIT	

UNITED  
FIELD SERVICES INC.  
P.O. BOX 181  
FARMINGTON, NM 87401  
OFFICE: (505)334-2403

**SECTION 29, TOWNSHIP 40 SOUTH, RANGE 25 EAST, of the SALT LAKE MERIDIAN  
STATE OF UTAH, COUNTY OF SAN JUAN**



STRIP I (McELMO UNIT N-07)			
#	DIRECTION	DISTANCE	CONST. CORRIDOR WIDTH
L6	N 11°40'29" E	39.55'	30'
L7	N 16°17'32" E	123.50'	30'
L8	N 29°26'30" E	75.60'	30'
L9	N 35°25'43" E	464.02'	30'
L10	N 45°10'59" W	438.87'	30'
L11	N 42°31'50" W	208.50'	30'
L12	N 43°26'52" W	234.49'	30'
L13	N 27°25'05" W	46.99'	30'
L14	N 15°56'30" W	92.85'	30'
L15	N 25°11'07" W	49.97'	30'
L16	N 48°30'06" W	113.48'	30'
L17	N 57°05'56" W	73.58'	30'
L18	N 64°48'50" W	123.76'	30'
L19	N 68°21'20" W	303.61'	30'
L20	N 60°37'52" W	160.19'	30'
L21	N 48°27'51" W	60.23'	30'
L22	N 33°28'07" W	203.73'	30'
L23	N 50°22'27" W	80.52'	30'
L24	N 62°30'11" W	51.35'	30'
L25	S 57°40'07" W	86.38'	30'
L26	S 77°10'29" W	34.35'	30'
L27	N 83°35'31" W	30.25'	30'
L28	N 73°36'26" W	39.03'	30'

**APPARENT OWNERSHIP:**

NAVAJO NATION		
LENGTH (FT.)	ACRES	RODS
3124.80	2.169	189.988



SCALE 1" = 1000'  
500' 0 1000'

**DATUM**

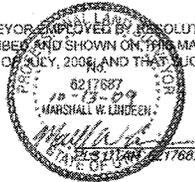
UTAH SP SOUTH (1927)

**LEGEND**

- FOUND MONUMENT SECTION CORNER
- FOUND MONUMENT QUARTER CORNER
- PROJECTED CORNER FROM WITNESS CORNER

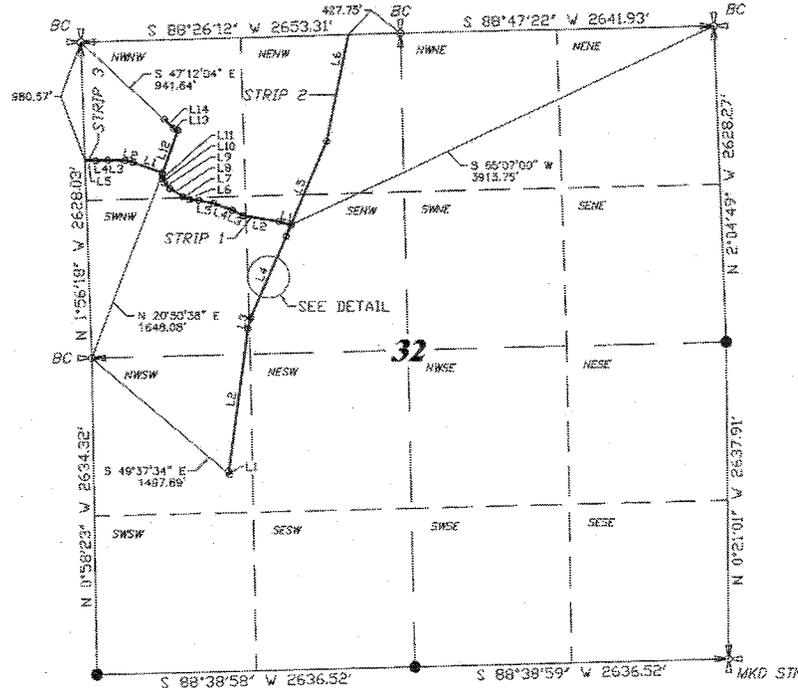
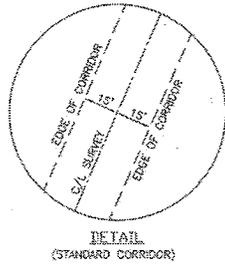
**STATEMENT OF SURVEYOR:**

MARSHALL W. LINDEEN STATES HE IS BY OCCUPATION A REGISTERED LAND SURVEYOR EMPLOYED BY RESOLUTE NATURAL RESOURCES TO MAKE A SURVEY OF THE CENTERLINE OF A PIPELINE RIGHT-OF-WAY AS DESCRIBED AND SHOWN ON THIS MAP; THAT THE SURVEY OF SAID WORK WAS MADE UNDER HIS SUPERVISION AND AUTHORITY, DURING THE MONTH OF JULY, 2008, AND THAT SUCH SURVEY IS ACCURATELY REPRESENTED UPON THIS MAP.



 UNITED FIELD SERVICES INC.	SCALE: 1" = 1000' JOB No. 7974 DATE: 08/14/08	A MAP SHOWING A PROPOSED PIPELINE CONSTRUCTION CORRIDOR PREPARED FOR: RESOLUTE ANETH, LLC as a wholly owned subsidiary of RESOLUTE NATURAL RESOURCES COMPANY
	P.O. BOX 3651 FARMINGTON, N.M. (505) 334-0408	BY: L.B.      DWG. #: MCELMO1

**SECTION 32, TOWNSHIP 40 SOUTH, RANGE 25 EAST, of the SALT LAKE MERIDIAN  
STATE OF UTAH, COUNTY OF SAN JUAN**



STRIP 1 (McELMO UNIT N-09)			
#	DIRECTION	DISTANCE	CONST. CORRIDOR WIDTH
L1	N 75°02'28" W	107.83'	30'
L2	N 80°18'53" W	296.99'	30'
L3	N 63°37'50" W	108.89'	30'
L4	N 70°14'32" W	168.29'	30'
L5	N 78°43'36" W	123.67'	30'
L6	N 84°36'09" W	76.36'	30'
L7	N 65°08'48" W	64.44'	30'
L8	N 57°54'14" W	125.00'	30'
L9	N 43°38'06" W	64.95'	30'
L10	N 25°17'31" W	39.09'	30'
L11	N 3°48'22" W	36.18'	30'
L12	N 19°46'27" E	387.20'	30'
L13	N 65°37'37" E	39.68'	30'
L14	N 45°13'08" W	106.85'	30'

STRIP 2 (McELMO UNIT N-07)			
#	DIRECTION	DISTANCE	CONST. CORRIDOR WIDTH
L1	N 13°36'55" W	31.31'	30'
L2	N 7°39'45" E	1192.09'	30'
L3	N 14°15'30" E	100.33'	30'
L4	N 23°43'44" E	736.44'	30'
L5	N 23°14'55" E	860.46'	30'
L6	N 11°40'29" E	902.19'	30'

STRIP 3 (McELMO UNIT L-09)			
#	DIRECTION	DISTANCE	CONST. CORRIDOR WIDTH
L1	N 69°41'51" W	253.55'	30'
L2	N 77°35'59" W	71.22'	30'
L3	N 88°24'15" W	140.74'	30'
L4	S 87°18'14" W	102.17'	30'
L5	N 87°48'13" W	90.25'	30'

**DATUM**  
UTAH SP SOUTH (1927)

- LEGEND**
- ⊕ FOUND MONUMENT SECTION CORNER
  - ⊙ FOUND MONUMENT QUARTER CORNER
  - PROJECTED CORNER

**APPARENT OWNERSHIP:**

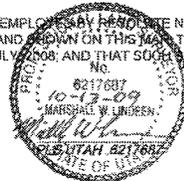
NAVAJO NATION		
LENGTH (FT.)	ACRES	RODS
6220.17	4.284	376.980



SCALE 1" = 1000'  
500' 0 1000'

**STATEMENT OF SURVEYOR:**

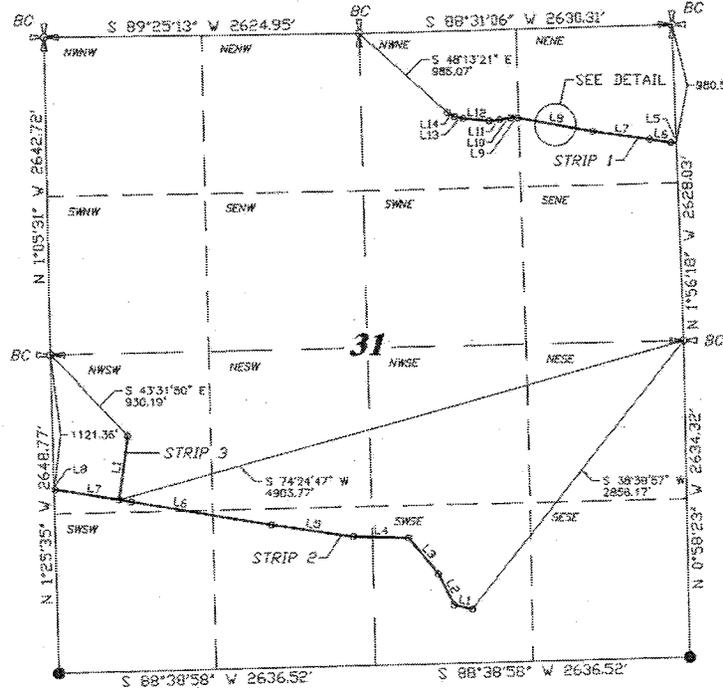
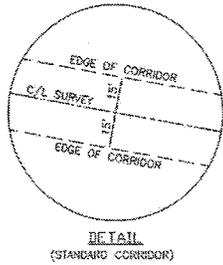
MARSHALL W. LINDEEN STATES HE IS BY OCCUPATION A REGISTERED LAND SURVEYOR EMPLOYED BY RESOLUTE NATURAL RESOURCES TO MAKE A SURVEY OF THE CENTERLINE OF A PIPELINE RIGHT-OF-WAY AS DESCRIBED AND SHOWN ON THIS MAP. THAT THE SURVEY OF SAID WORK WAS MADE UNDER HIS SUPERVISION AND AUTHORITY, DURING THE MONTH OF JULY 2008; AND THAT SAID SURVEY IS ACCURATELY REPRESENTED UPON THIS MAP.



SHEET 2 OF 8

<p><b>UNITED</b> FIELD SERVICES INC.</p>		<p><b>A MAP SHOWING PROPOSED PIPELINE CONSTRUCTION CORRIDORS</b></p>	
<p>P.O. BOX 3651 FARMINGTON, N.M. (505) 334-0408</p>		<p><b>PREPARED FOR:</b> RESOLUTE ANETH, LLC as a wholly owned subsidiary of RESOLUTE NATURAL RESOURCES COMPANY</p>	
<p>SCALE: 1" = 1000' JOB No. 7874 DATE: 08/14/08</p>			

**SECTION 31, TOWNSHIP 40 SOUTH, RANGE 25 EAST, of the SALT LAKE MERIDIAN  
STATE OF UTAH, COUNTY OF SAN JUAN**



STRIP 1 (McELMO UNIT L-09)			
#	DIRECTION	DISTANCE	CONST. CORRIDOR WIDTH
L5	N 87°48'13" W	46.10'	30'
L6	N 81°46'42" W	177.44'	30'
L7	N 81°58'59" W	484.26'	30'
L8	N 79°47'46" W	641.62'	30'
L9	N 88°18'15" W	59.97'	30'
L10	S 80°45'14" W	93.38'	30'
L11	S 83°25'22" W	91.94'	30'
L12	N 84°55'37" W	218.67'	30'
L13	N 78°31'30" W	74.89'	30'
L14	N 58°41'25" W	71.00'	30'

STRIP 2 (McELMO UNIT F-11)			
#	DIRECTION	DISTANCE	CONST. CORRIDOR WIDTH
L1	N 77°28'16" W	151.85'	30'
L2	N 26°55'44" W	290.99'	30'
L3	N 40°04'39" W	391.88'	30'
L4	N 88°41'17" W	457.17'	30'
L5	N 81°39'46" W	683.74'	30'
L6	N 80°34'43" W	1196.56'	30'
L7	N 80°56'17" W	638.93'	30'
L8	N 80°52'28" W	9.17'	30'

STRIP 3 (McELMO UNIT J-11)			
#	DIRECTION	DISTANCE	CONST. CORRIDOR WIDTH
L1	N 7°37'13" E	537.73'	30'

**APPARENT OWNERSHIP:**

NAVAJO NATION		
LENGTH (FT.)	ACRES	RODS
6311.20	4.347	382.502



SCALE 1" = 1000'  
500' 0 1000'

**DATUM**

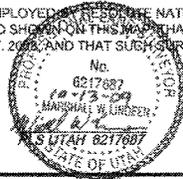
UTAH SP SOUTH (1927)

**LEGEND**

- FOUND MONUMENT SECTION CORNER
- FOUND MONUMENT QUARTER CORNER
- PROJECTED CORNER

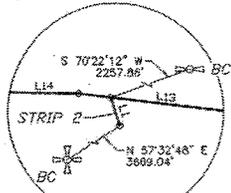
**STATEMENT OF SURVEYOR:**

MARSHALL W. LINDEEN STATES HE IS BY OCCUPATION A REGISTERED LAND SURVEYOR EMPLOYED BY RESOLUTE NATURAL RESOURCES TO MAKE A SURVEY OF THE CENTERLINE OF A PIPELINE RIGHT-OF-WAY AS DESCRIBED AND SHOWN ON THIS MAP AND THAT THE SURVEY OF SAID WORK WAS MADE UNDER HIS SUPERVISION AND AUTHORITY, DURING THE MONTH OF JULY, 2008, AND THAT SUCH SURVEY IS ACCURATELY REPRESENTED UPON THIS MAP.

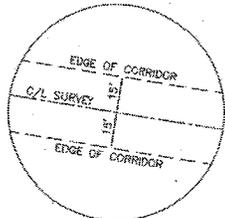


 UNITED FIELD SERVICES INC.	SCALE: 1" = 1000' JOB No. 7974 DATE: 08/14/08	A MAP SHOWING <b>PROPOSED PIPELINE CONSTRUCTION CORRIDORS</b> PREPARED FOR: RESOLUTE ANETH, LLC as a wholly owned subsidiary of RESOLUTE NATURAL RESOURCES COMPANY
	P.O. BOX 3651 FARMINGTON, N.M. (505) 334-0408	

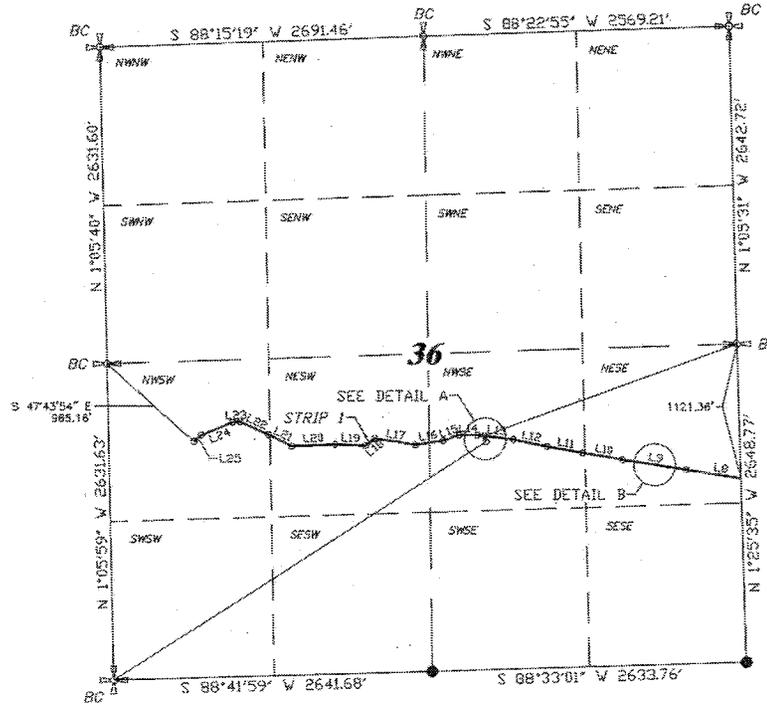
**SECTION 36, TOWNSHIP 40 SOUTH, RANGE 24 EAST, of the SALT LAKE MERIDIAN  
STATE OF UTAH, COUNTY OF SAN JUAN**



**DETAIL A**  
(MCELMD UNIT H-11)



**DETAIL B**  
(STANDARD CORRIDOR)

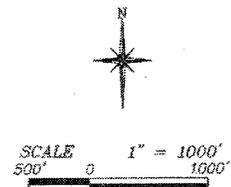


STRIP 1 (MCELMD UNIT F-11)			
#	DIRECTION	DISTANCE	CONST. CORRIDOR WIDTH
L8	N 80°52'28\"	465.25'	30'
L9	N 80°41'45\"	537.62'	30'
L10	N 80°24'08\"	344.01'	30'
L11	N 79°43'12\"	298.64'	30'
L12	N 77°48'13\"	289.88'	30'
L13	N 83°08'00\"	305.75'	30'
L14	N 89°10'52\"	153.76'	30'
L15	S 70°58'26\"	142.36'	30'
L16	S 81°56'52\"	236.19'	30'
L17	N 80°57'07\"	342.34'	30'
L18	S 51°59'38\"	94.66'	30'
L19	N 87°41'39\"	258.41'	30'
L20	S 88°03'54\"	360.96'	30'
L21	S 63°54'57\"	216.91'	30'
L22	N 65°31'41\"	258.12'	30'
L23	S 87°47'11\"	60.71'	30'
L24	S 67°43'46\"	277.44'	30'
L25	S 49°45'15\"	80.41'	30'

STRIP 2 (MCELMD UNIT H-11)			
#	DIRECTION	DISTANCE	CONST. CORRIDOR WIDTH
L1	S 17°19'03\"	49.39'	30'

**APPARENT OWNERSHIP:**

NAVAJO NATION		
LENGTH (FT.)	ACRES	RODS
4772.81	3.287	285.261

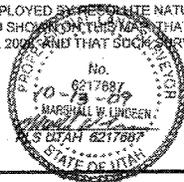


**DATUM**  
UTAH SP SOUTH (1927)

- LEGEND**
- FOUND MONUMENT SECTION CORNER
  - FOUND MONUMENT QUARTER CORNER
  - PROJECTED CORNER

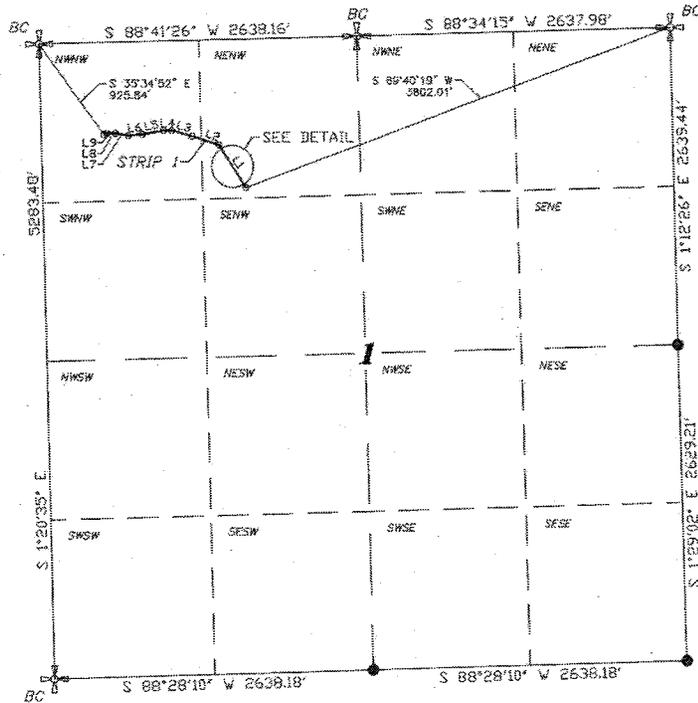
**STATEMENT OF SURVEYOR:**

MARSHALL W. LINDEEN STATES HE IS BY OCCUPATION A REGISTERED LAND SURVEYOR EMPLOYED BY RESOLUTE NATURAL RESOURCES TO MAKE A SURVEY OF THE CENTERLINE OF A PIPELINE RIGHT-OF-WAY AS DESCRIBED AND SHOWN ON THIS MAP. THAT THE SURVEY OF SAID WORK WAS MADE UNDER HIS SUPERVISION AND AUTHORITY, DURING THE MONTH OF JULY, 2008, AND THAT SAID SURVEY IS ACCURATELY REPRESENTED UPON THIS MAP.



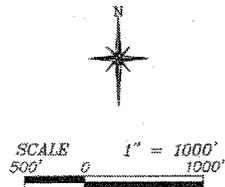
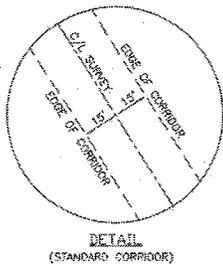
<p><b>UNITED</b> FIELD SERVICES INC.</p>	<p><b>SCALE: 1" = 1000'</b></p>	<p><b>A MAP SHOWING A PROPOSED PIPELINE CONSTRUCTION CORRIDOR PREPARED FOR: RESOLUTE ANETH, LLC as a wholly owned subsidiary of RESOLUTE NATURAL RESOURCES COMPANY</b></p>
	<p>P.O. BOX 3651 FARMINGTON, N.M. (505) 334-0408</p>	

**SECTION 1, TOWNSHIP 41 SOUTH, RANGE 24 EAST, of the SALT LAKE MERIDIAN  
STATE OF UTAH, COUNTY OF SAN JUAN**



**STRIP 1 (McELMUI UNIT F-13)**

#	DIRECTION	DISTANCE	CENST. CORRIDOR WIDTH
L1	N 32°25'47\" W	419.63'	30'
L2	N 71°50'57\" W	237.95'	30'
L3	N 73°56'58\" W	169.10'	30'
L4	N 89°15'43\" W	70.84'	30'
L5	S 79°15'33\" W	175.59'	30'
L6	S 84°58'30\" W	117.42'	30'
L7	N 79°45'53\" W	106.86'	30'
L8	S 89°18'16\" W	69.51'	30'
L9	S 67°03'09\" W	23.86'	30'



**APPARENT OWNERSHIP:**

NAVAJO NATION		
LENGTH (FT.)	ACRES	RODS
1390.76	0.958	84.288

**DATUM**

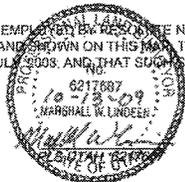
UTAH SP SOUTH (1927)

**LEGEND**

- FOUND MONUMENT SECTION CORNER
- FOUND MONUMENT QUARTER CORNER
- PROJECTED CORNER

**STATEMENT OF SURVEYOR:**

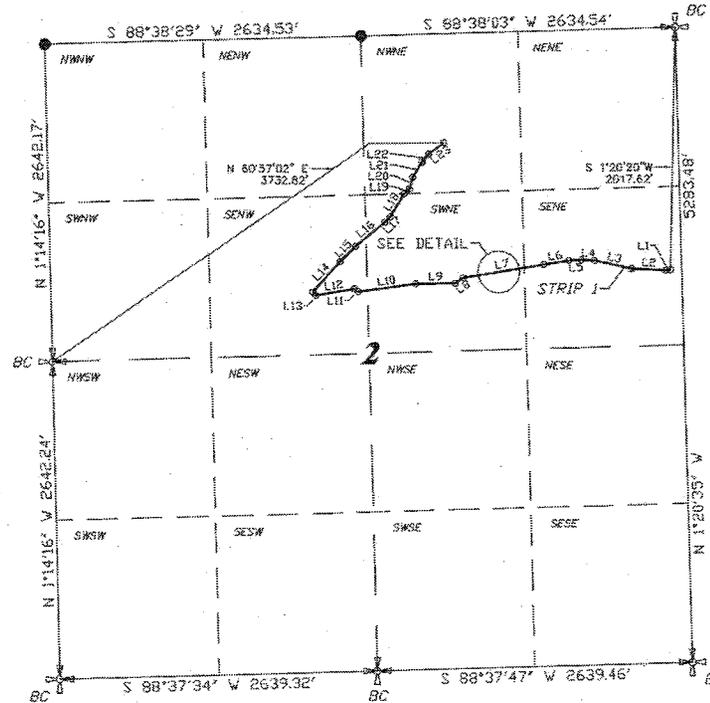
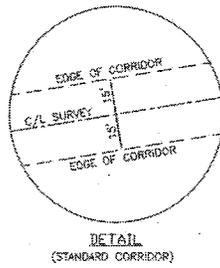
MARSHALL W. LINDEEN STATES HE IS BY OCCUPATION A REGISTERED LAND SURVEYOR EMPLOYED BY RESOLUTE NATURAL RESOURCES TO MAKE A SURVEY OF THE CENTERLINE OF A PIPELINE RIGHT-OF-WAY AS DESCRIBED AND SHOWN ON THIS MAP. THAT THE SURVEY OF SAID WORK WAS MADE UNDER HIS SUPERVISION AND AUTHORITY, DURING THE MONTH OF JULY 2008, AND THAT SAID SURVEY IS ACCURATELY REPRESENTED UPON THIS MAP.



SHEET 5 OF 8

 UNITED FIELD SERVICES INC. P.O. BOX 3651 FARMINGTON, N.M. (505) 334-0408	SCALE: 1" = 1000' JOB No. 7974 DATE: 09/29/08	A MAP SHOWING A PROPOSED PIPELINE CONSTRUCTION CORRIDOR PREPARED FOR: RESOLUTE ANETH, LLC as a wholly owned subsidiary of RESOLUTE NATURAL RESOURCES COMPANY
	BY: C.B.      DWG. #: WGLRMS	

**SECTION 2, TOWNSHIP 41 SOUTH, RANGE 24 EAST, of the SALT LAKE MERIDIAN  
STATE OF UTAH, COUNTY OF SAN JUAN**



STRIP 1 (MCELMO UNIT D-13)			
#	DIRECTION	DISTANCE	CONST. CORRIDOR WIDTH
L1	S 84°31'07" W	39.38'	30'
L2	N 86°59'20" W	288.05'	30'
L3	N 77°06'08" W	318.20'	30'
L4	N 86°38'20" W	113.96'	30'
L5	S 84°35'49" W	103.11'	30'
L6	S 81°31'07" W	207.12'	30'
L7	S 80°54'44" W	691.44'	30'
L8	S 55°48'44" W	81.50'	30'
L9	S 89°40'18" W	327.99'	30'
L10	S 62°29'32" W	484.87'	30'
L11	N 55°47'58" W	40.71'	30'
L12	S 80°46'46" W	327.83'	30'
L13	N 39°43'33" W	38.93'	30'
L14	N 42°36'42" E	342.56'	30'
L15	N 46°08'15" E	182.12'	30'
L16	N 50°23'20" E	312.07'	30'
L17	N 46°48'23" E	64.10'	30'
L18	N 31°14'48" E	224.98'	30'
L19	N 49°00'58" E	62.08'	30'
L20	N 14°35'18" E	96.72'	30'
L21	N 31°55'27" E	148.61'	30'
L22	N 42°02'23" E	98.16'	30'
L23	N 52°51'44" E	154.58'	30'

**APPARENT OWNERSHIP:**

NAVAJO NATION		
LENGTH (FT.)	ACRES	RODS
4740.17	3.285	287.283



SCALE 1" = 1000'  
500' 0 1000'

**DATUM**

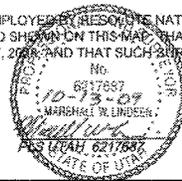
UTAH SP SOUTH (1927)

**LEGEND**

- FOUND MONUMENT SECTION CORNER
- FOUND MONUMENT QUARTER CORNER
- PROJECTED CORNER

**STATEMENT OF SURVEYOR:**

MARSHALL W. LINDEEN STATES HE IS BY OCCUPATION A REGISTERED LAND SURVEYOR EMPLOYED BY RESOLUTE NATURAL RESOURCES TO MAKE A SURVEY OF THE CENTERLINE OF A PIPELINE RIGHT-OF-WAY AS DESCRIBED AND SHOWN ON THIS MAP. THAT THE SURVEY OF SAID WORK WAS MADE UNDER HIS SUPERVISION AND AUTHORITY, DURING THE MONTH OF JULY, 2008, AND THAT SUCH SURVEY IS ACCURATELY REPRESENTED UPON THIS MAP.



SHEET 6 OF 6

 UNITED FIELD SERVICES INC. P.O. BOX 3651 FARMINGTON, N.M. (505) 334-0408	SCALE: 1" = 1000' JOB No. 7974 DATE: 09/29/08	A MAP SHOWING A PROPOSED PIPELINE CONSTRUCTION CORRIDOR PREPARED FOR: RESOLUTE ANETH, LLC as a wholly owned subsidiary of RESOLUTE NATURAL RESOURCES COMPANY
	BY: L.B.      DWG. #: MCELMO6	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-200-603-6510
---	--

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

<b>1. TYPE OF WELL</b> Water Injection Well	<b>8. WELL NAME and NUMBER:</b> NAVAJO TRIBE 2B (MCELMO D-13)
--	--

<b>2. NAME OF OPERATOR:</b> RESOLUTE NATURAL RESOURCES	<b>9. API NUMBER:</b> 43037162670000
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<b>3. ADDRESS OF OPERATOR:</b> 1675 Boradway Ste 1950 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 534-4600 Ext	<b>9. FIELD and POOL or WILDCAT:</b> GREATER ANETH
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<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0820 FNL 1920 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNE Section: 02 Township: 41.0S Range: 24.0E Meridian: S	<b>COUNTY:</b> SAN JUAN  <b>STATE:</b> UTAH
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11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>6/5/2014</b>  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input checked="" type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text"/>

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

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

**Accepted by the Utah Division of Oil, Gas and Mining**  
 June 02, 2014

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

By: *Derek Quist*

<b>NAME (PLEASE PRINT)</b> Erin Joseph	<b>PHONE NUMBER</b> 303 573-4886	<b>TITLE</b> Sr. Regulatory Analyst
<b>SIGNATURE</b> N/A		<b>DATE</b> 6/2/2014

# RESOLUTE

## NATURAL RESOURCES

### MCU D-13 Injector - Coil Tubing Clean Out & Acidize

#### Procedure

1. LOTO Injection Lines at wellhead, on main isolation valves, and CP Panel.
2. MI spot CTU, pump unit, rig pit, install hard line and choke manifold.
3. RU CTU with 1.25 inch coil, 1.25 Vortec washtool.
4. Test lubricator and BOP's to 4500 psig.  
**Minimum ID @ 1.78 'R 'profile @ 5330.6' KB' (1.72 no-go).**
5. RIH with CTU, establish circulation; clean out fill to PBTD at 5417' KB;  
Take solids samples for analysis. After reaching PBTD, circ well bore clean.
6. POOH & load coil with xylene or alternate solvent; Prepare to acidize behind the solvent with 2000 gal inhibited 20% HCl.
7. Spot coil at btm perf 5412' & begin solvent at .5 bpm, move CT up & down thru perfs (top perf 5378') twice while pumping solvent, then shut down for 30 min soak when acid is at the tip of the coil, & coil at btm perf.
8. Pump the acid while again making two trips up and down through the perfs w/the coil.
9. PU to ~5350' and overdisplace acid past btm perf at 5412' by 25 bbls fresh water.
10. POOH with coil tubing.
11. RD CTU and stimulation equipment. Release equipment.
12. Backflow lateral line for cleanup.
13. Advise Pierce Benally (435) 619-7234 the well is ready to return to injection.

**McELMO CREEK UNIT # D-13**

GREATER ANETH FIELD

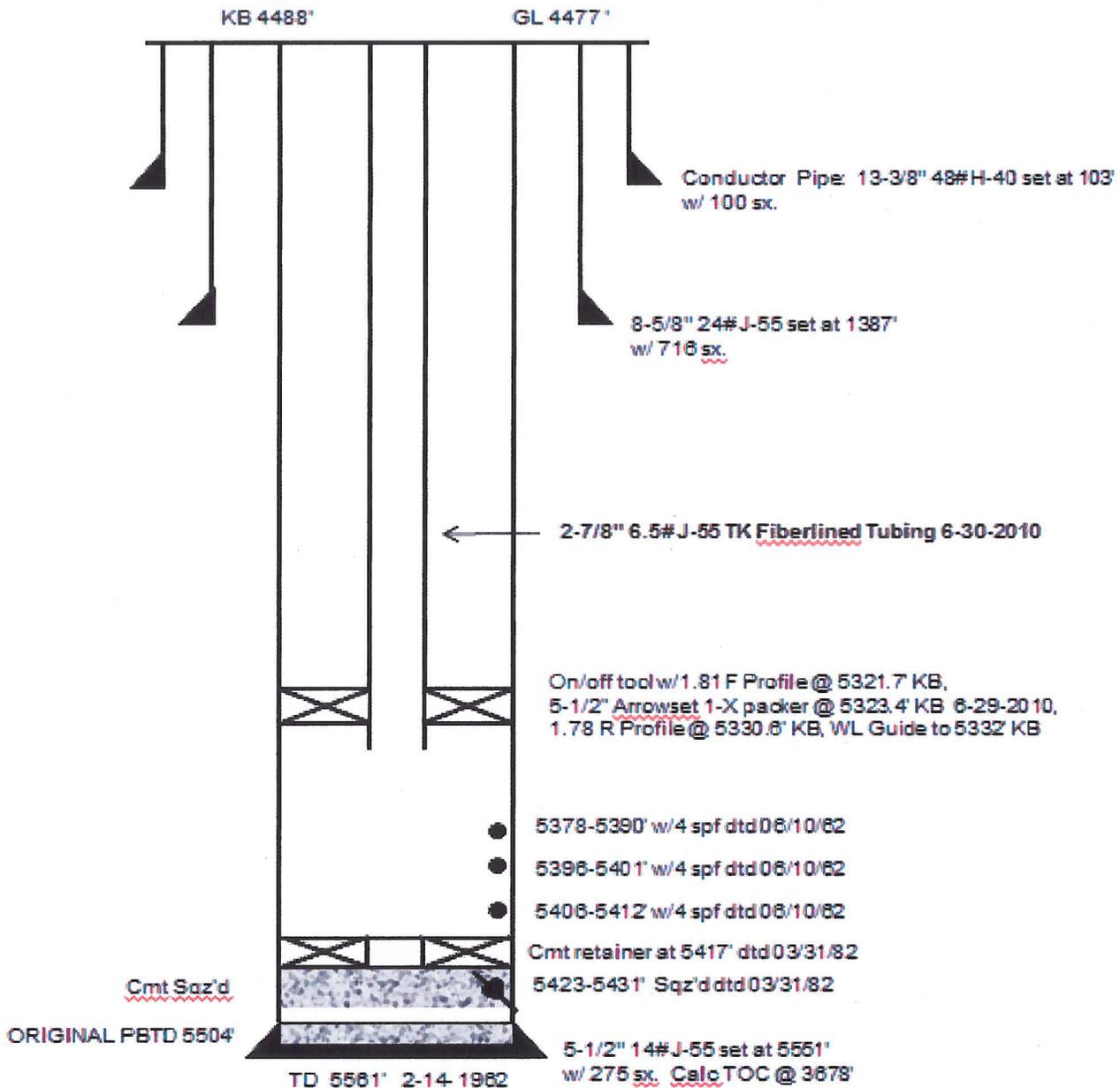
INJECTOR

820' FNL & 1920' FEL

SEC 2-T41S-R24E

SAN JUAN COUNTY, UTAH

API 43-037-16267



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-200-603-6510
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> NAVAJO
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>7. UNIT or CA AGREEMENT NAME:</b> MCELMO CREEK
<b>1. TYPE OF WELL</b> Water Injection Well		<b>8. WELL NAME and NUMBER:</b> NAVAJO TRIBE 2B (MCELMO D-13)
<b>2. NAME OF OPERATOR:</b> RESOLUTE NATURAL RESOURCES		<b>9. API NUMBER:</b> 43037162670000
<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> 0820 FNL 1920 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNE Section: 02 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 checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/3/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

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

Resolute Natural Resources is submitting this sundry as notice that the clean out and acidizing of this well was completed on 6/3/2014 according to previously submitted procedures

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

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

<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> 14-200-603-6510
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<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> NAVAJO  <b>7. UNIT or CA AGREEMENT NAME:</b> MCELMO CREEK
--	--

<b>1. TYPE OF WELL</b> Water Injection Well	<b>8. WELL NAME and NUMBER:</b> NAVAJO TRIBE 2B (MCELMO D-13)
--	--

<b>2. NAME OF OPERATOR:</b> RESOLUTE NATURAL RESOURCES	<b>9. API NUMBER:</b> 43037162670000
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<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> 0820 FNL 1920 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNE Section: 02 Township: 41.0S Range: 24.0E Meridian: S	<b>COUNTY:</b> SAN JUAN  <b>STATE:</b> UTAH
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11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 7/25/2015  <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 type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="UIC Repair"/>

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

Resolute Natural Resources respectfully submits this sundry as notice of UIC repair on the above well, attached are the procedures and schematic

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

Date: July 27, 2015

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> 7/16/2015	

MCU D-13

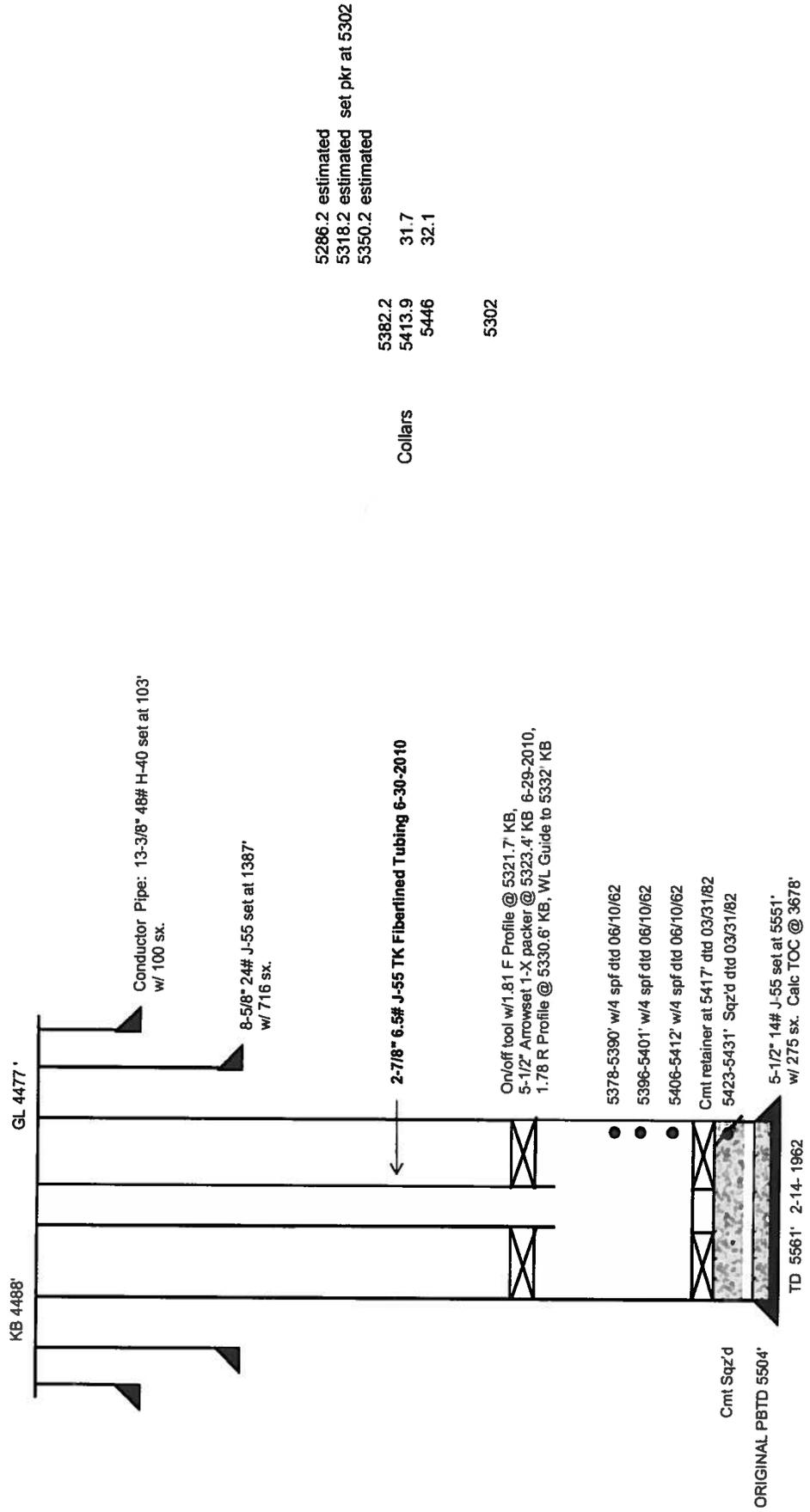
**Procedure**

**Horsley Witten: Yes, but not required if well is returned to injection.**

1. Check anchors
2. MIRU WSU. LOTO.
3. Kill well as necessary.
4. ND WH. NU BOPE. Release packer. Test BOPE. Prepare to move tubing up hole approximately 20 ft. Will require laying down one jt and picking up a ten foot sub.
5. Re-set pkr at ~5302. Circulate pkr fluid first. Perform mock MIT.
6. If MIT passes, GOTO Step 13. Otherwise, re-visit economics and proceed as below.
7. Release pkr. POOH. Stand back for inspection. If tubing is unacceptable, use it for the cleanout run or lay down. RIH with bit and scraper to 5417. Circulate hole clean. Reverse circulate as necessary. Make several passes over proposed packer setting depth of 5,302. POOH.
8. RIH & set new 5-1/2" AS-1X packer with wireline plug in place. Set pkr at ~ 5302. J -off. POOH. LD old tubing.
9. PU new 2-7/8" TK Fiberline with AB couplings. RIH. Circulate packer fluid, jay onto packer, space out & land tubing.
10. Perform mock MIT after landing tbg.
11. ND BOP, NU WH.
- 11.5 MIRU slickline unit. Test lubricator to 2500 psi.
12. RIH gauge ring, shear plug, and retrieve plug. RDMO slickline unit.
13. Flow back well and lateral until clean. RD WSU.
14. Schedule witnessed MIT w/NNEPA.
15. Notify Pierce Benally (435) 619-7234 that well is ready to return to injection.

**McELMO CREEK UNIT # D-13**  
 GREATER ANETH FIELD  
 820' FNL & 1920' FEL  
 SEC 2-T41S-R24E  
 SAN JUAN COUNTY, UTAH  
 API 43-037-16267

**INJECTOR**



5286.2 estimated  
 5318.2 estimated set pkr at 5302  
 5350.2 estimated

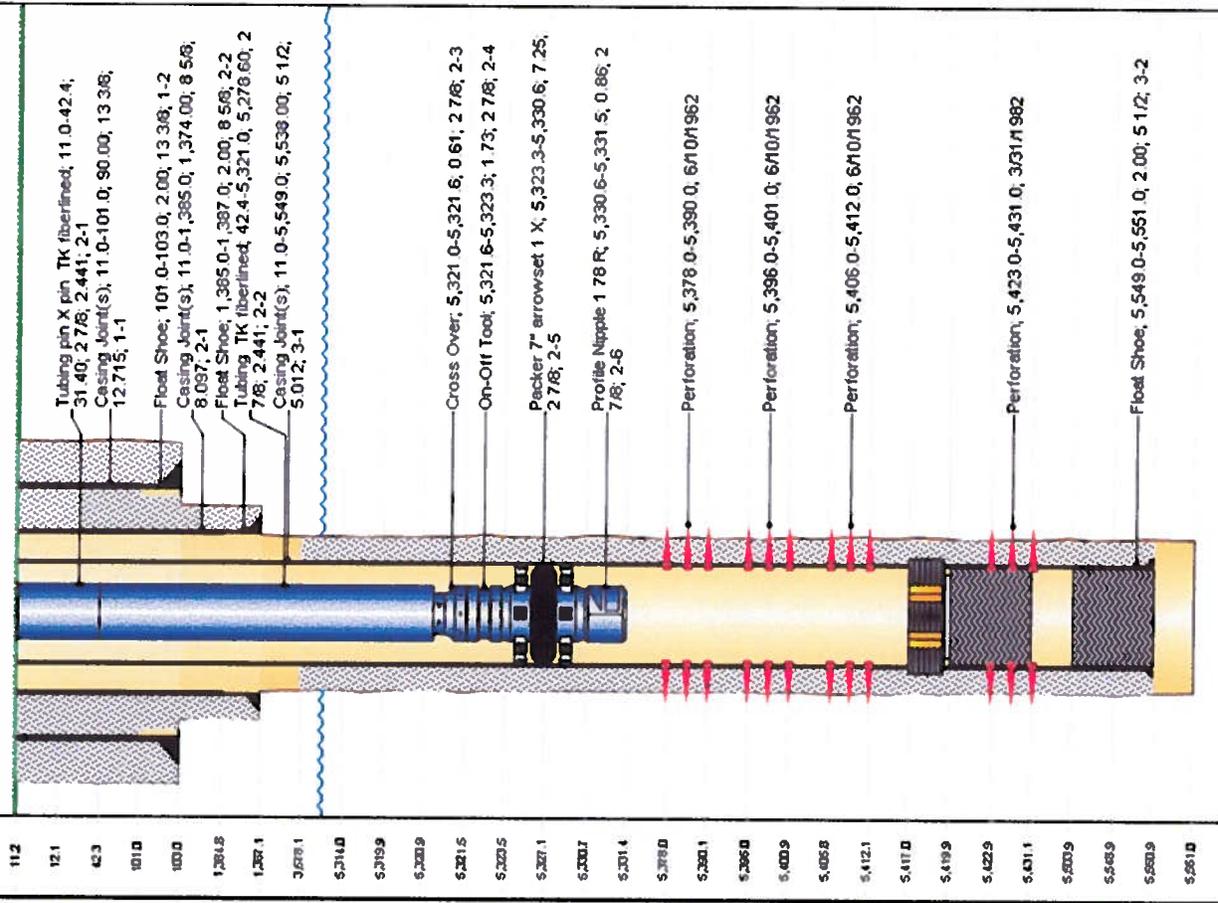
5382.2  
 5413.9  
 5446  
 5302

Collars

Vertical - Modelo Cr D13, 7/14/2015 12:04:36 PM

Vertical schematic (actual)

Vertical schematic (actual)



Could not draw track  
Insufficient survey data to draw the directional sche

MD (ftKB)	MD (ftKB)
112	5.314.0
121	5.319.9
423	5.320.9
101.0	5.321.5
100.0	5.323.5
1.364.8	5.327.1
1.387.1	5.330.7
3.678.1	5.331.4
5.314.0	5.378.0
5.319.9	5.380.1
5.320.9	5.386.0
5.321.5	5.400.9
5.323.5	5.406.8
5.327.1	5.412.1
5.330.7	5.417.0
5.331.4	5.419.9
5.378.0	5.422.9
5.380.1	5.431.1
5.386.0	5.500.9
5.400.9	5.508.9
5.406.8	5.550.9
5.412.1	5.561.0
5.417.0	
5.419.9	
5.422.9	
5.431.1	
5.500.9	
5.508.9	
5.550.9	
5.561.0	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-200-603-6510
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> NAVAJO
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>7. UNIT or CA AGREEMENT NAME:</b> MCELMO CREEK
		<b>8. WELL NAME and NUMBER:</b> NAVAJO TRIBE 2B (MCELMO D-13)
<b>1. TYPE OF WELL</b> Water Injection Well	<b>9. API NUMBER:</b> 43037162670000	
<b>2. NAME OF OPERATOR:</b> RESOLUTE NATURAL RESOURCES	<b>9. FIELD and POOL or WILDCAT:</b> GREATER ANETH	
<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> 0820 FNL 1920 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNE Section: 02 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		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/22/2015  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="UIC Repair"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
Resolute Natural Resources respectfully submits this sundry as notice that the UIC repair on the above well was completed on 7/22/2015 according to previously approved procedures		
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 06, 2016</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> 1/5/2016	