

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK

b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER   
 SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
 SUPERIOR OIL COMPANY

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
 1774' FNL, 3499' FWL of Sec. 9  
 At proposed prod. zone  
 Same *SWNE*

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 1.7 miles northeast of Aneth, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 1774'

16. NO. OF ACRES IN LEASE  
 800

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 40

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 1500

19. PROPOSED DEPTH  
 5825' *Chimney Rock*

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 4739' Ungraded ground level

22. APPROX. DATE WORK WILL START\*  
 May 15, 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#, H-40	100'	Redi-mix to surface
12-1/4"	8-5/8"	24#, K-55	1500'	800 sx to surface
7-7/8"	5-1/2"	15.5#, K-55	5825'	250 sx

1. Drill 17-1/2" hole to 100'. Run 100' of 13-3/8", 48#, H-40 conductor casing and cement to surface w/ Redi-mix.
2. Drill 12-1/4" hole to 1500' Run 1500' of 8-5/8", 24#, K-55 surface casing and cement to surface w/ 600 sx 65/35 Pozmix + 200 sx Class 'B' cement.
3. Drill 7-7/8" hole to 5825' (or to base of Desert Creek).
4. Log well w/ GR-FDC-CNL from TD to 1500'.
5. Run 5825' of 5-1/2", 15.5#, K-55 production casing and cement w/ 250 sx Class 'B'.
6. Complete in Ismay and/or Desert Creek based on log evaluation, stimulate as necessary.

**APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING**

DATE: 4/15/82  
 BY: [Signature]

Orig + 5 - USGS, State - 2, Navajo Tribe, Reg. Group, Joint Int.; Drilling Files - H,D,D-Exp, C

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature] TITLE Petroleum Engineer DATE April 1, 1982  
T. Greg Merrion

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

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

SUPPLEMENTAL TO FORM 9-331-C

WELL: McElmo Creek Unit #T-18

ELEVATION: 4739' Ungraded Ground Level

SURFACE FORMATION: Dakota

ESTIMATED FORMATION TOPS: (Measured from KB level at 4753')

Chinle	1370'
DeChelly	2700'
Ismay	5485'
Lower Ismay	5575'
Desert Creek	5630'
Chimney Rock	5810'
TD	5825'

WATER BEARING FORMATION: Water is expected to be encountered intermittently from 300' to 1370'

HYDROCARBON BEARING FORMATION: Oil & gas could be encountered in the Ismay and Desert Creek from 5485' to 5810'.

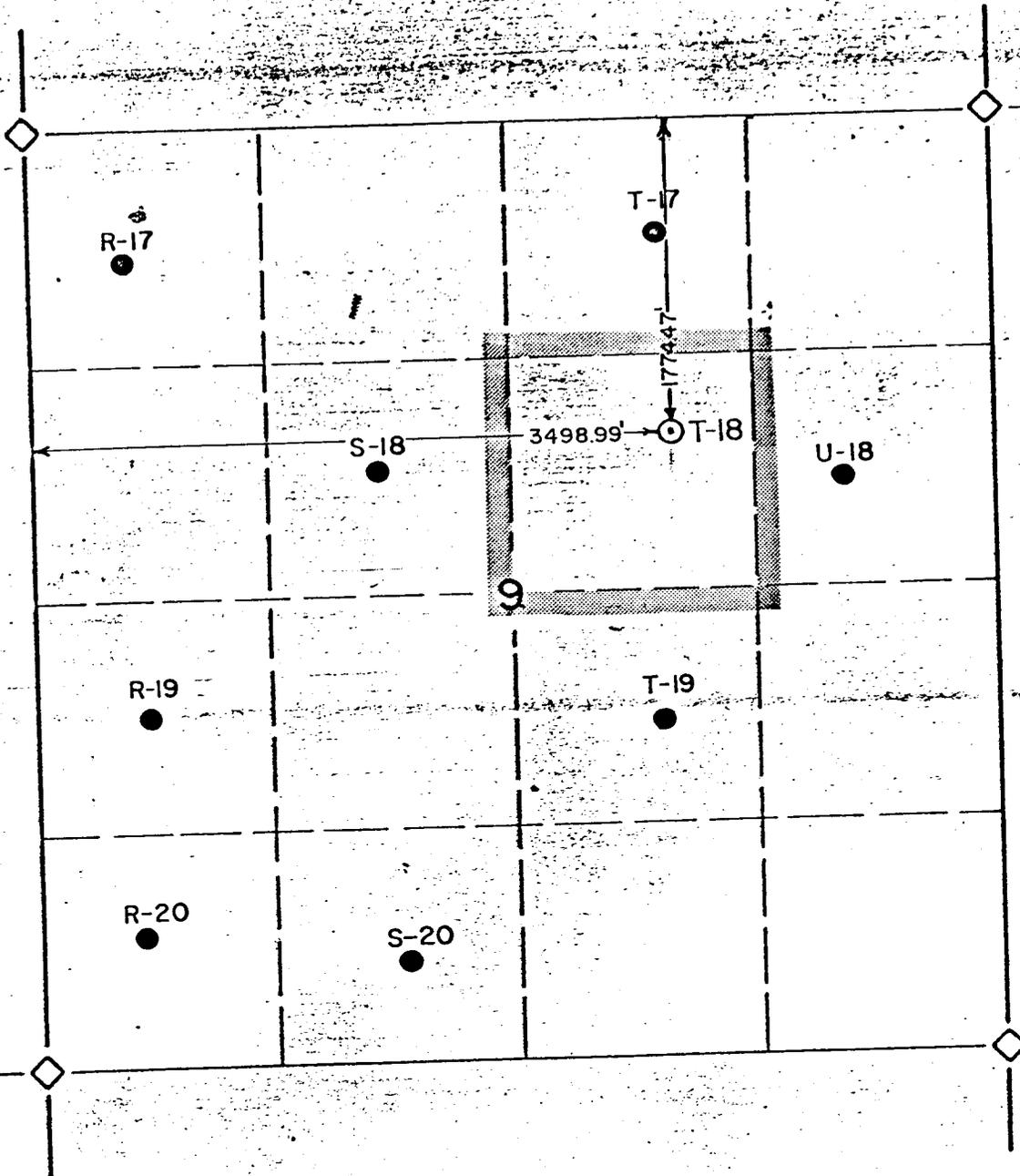
MUD PROGRAM: Surface to 2600' - fresh water based mud.  
2600' to 5825' - lignosulfonate or similar mud system. Water loss controlled to 15 cc or less and weighted with Barite as necessary.

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# THE SUPERIOR OIL CO.

OPERATOR

Well No. MCU T-18



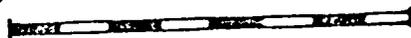
McElmo Creek Unit

SW/NE SECTION 9 , T. 41 S. - R. 25 E.



- Location
- Well
- ⊕ Injector

Charles L. Hill Scale: 1" = 1000'



# **SUPERIOR OIL**

March 31, 1982

Mr. Mike Minder  
Petroleum Engineer  
Division of Oil, Gas & Mining  
1588 West North Temple  
Salt Lake City, Utah 84116

Re: McElmo Creek Unit #T-18  
Proposed Infill Development Well  
Section 9, T41S, R25E, SLM  
San Juan County, Utah

Dear Mr. Minder:

Attached is Superior Oil's "Application for Permit to Drill" for the above captioned well. This well is staked on a 40 acre spacing to recover oil bypassed in the original flood pattern and is part of the overall Carbon Dioxide enhanced recovery program in the McElmo Creek Unit. Superior Oil is the designated operator of McElmo Creek Unit in San Juan County, Utah.

Sincerely,

SUPERIOR OIL COMPANY

  
Charles L. Hill  
Area Production Superintendent

TGM/1h

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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 DRILL       DEEPEN       PLUG BACK

b. TYPE OF WELL  
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 SUPERIOR OIL COMPANY

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

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 At proposed prod. zone  
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 May 15, 1982

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Orig + 5 - USGS, State - 2, Navajo Tribe, Reg. Group, Joint Int., Drilling, Files - H,D,D-Exp, C

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED *Greg Merrion* TITLE Petroleum Engineer DATE April 1, 1982  
1. Greg Merrion

(This space for Federal or State office use)

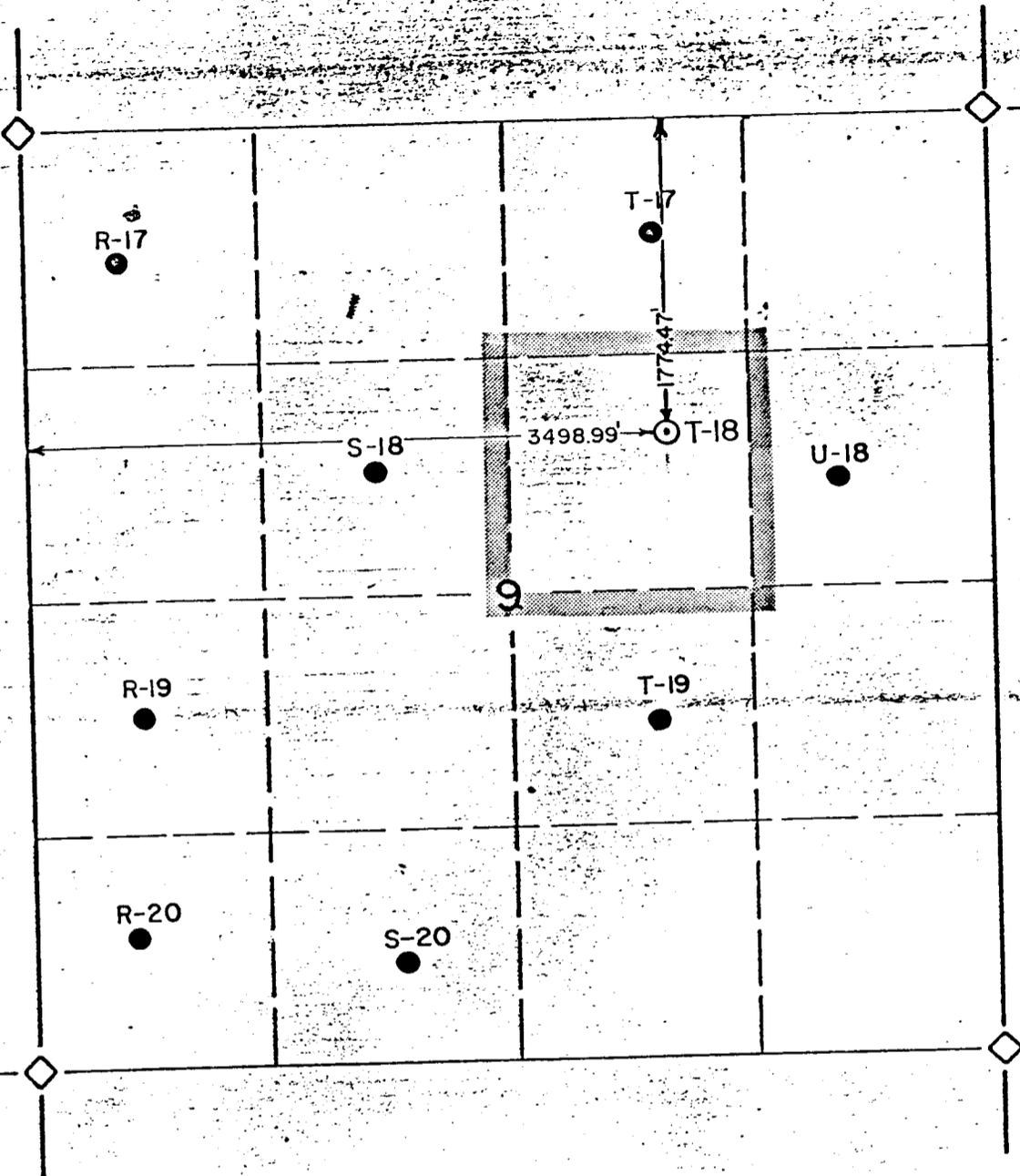
PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

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

# THE SUPERIOR OIL CO.

OPERATOR

Well No. MCU T-18



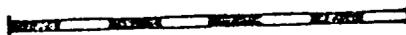
McElmo Creek Unit

SW/NE SECTION 9, T.41S. - R.25E.



- Location
- Well
- ⊕ Injector

*Charles L. Hill* Scale: 1" = 1000'



# **SUPERIOR OIL**

March 31, 1982

Mr. James Sims  
District Engineer  
Minerals Management Service  
P. O. Box 600  
Farmington, New Mexico 87401

Re: Surface Use & Operations Plan  
Proposed Infill Development Well  
McElmo Creek Unit #T-18  
1774' FNL, 3499' FWL  
Section 9, T41S, R25E, SLM  
San Juan County, Utah

Dear Mr. Sims:

The "Surface Use & Operations Plan" (as per NTL-6 requirements) for the proposed McElmo Creek Unit #T-18 is as follows:

1. The existing roads are shown on the "Proposed Access Road" plat.
2. A new 200' X 20' access road will be required as shown on the attached plat. The proposed road will run north from an existing road to the new location. The new road will consist of compacted sand and gravel with a maximum grade of 3%. No major cuts or fills are anticipated.
3. The location and status of wells in the vicinity are shown on the attached road and pipeline plats.
4. The location of production facilities and flowlines in the vicinity are shown on the attached "Proposed Pipeline" plat. A 2" flowline will run 1500' south to Superior's existing Section 9 Satellite Station where the oil and water will be separated from the gas.
5. Water for drilling operations will be trucked to location from Superior's fresh water wells near the San Juan River.
6. Materials necessary for the construction of the access road and drilling pad will be obtained from the location. No access road for the purpose of hauling materials will be necessary.
7. Waste materials will be collected in earth pits 6'-8' deep with steep sides. The perimeter of these pits will be fenced with small mesh wire. When drilling operations are complete, these earth pits will be backfilled and leveled to the contour of the original landscape. Small portable trailer houses for the company and contract drilling personnel may be on the location. A sufficient number of OSHA approved chemical toilets will be provided and maintained.

## SUPERIOR OIL

8. No ancillary facilities will be constructed.
9. The location and position of drilling equipment is shown on an attached plat. Included in this plat is a cross section diagram showing cuts and fills that are necessary for drilling pad construction. The drilling pad will be located approximately at ground level. Materials at the location will be used for pad elevation.
10. Upon completion of operations, the site will be restored according to BIA requirements.
11. Surface land is owned by the Navajo Tribe and is used primarily for grazing. The flora in the area includes snakeweed, blackbrush and rabbitbrush. There are no Indian habitations or artifacts in the immediate vicinity of the access road, flowline or drillsite.

Very truly yours,

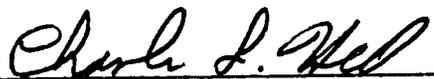
SUPERIOR OIL COMPANY



T. Greg Merriam  
Petroleum Engineer

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by the SUPERIOR OIL COMPANY and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

4/8/82  
Date

  
\_\_\_\_\_  
Charles L. Hill  
Area Production Superintendent

SUPPLEMENTAL TO FORM 9-331-C

WELL: McElmo Creek Unit #T-18

ELEVATION: 4739' Ungraded Ground Level

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Production - 5-1/2", 15.5#, K-55, ST&C new casing set to 5825'.

(2)

CEMENT PROGRAM: Conductor - cement to surface w/ Redi-mix.  
Surface - cement to surface w/ 600 sx 65/35  
Pozmix + 200 sx Class 'B'.  
Production - cement w/ 250 sx Class 'B'.

LOGGING PROGRAM: TD to 1500': GR-FDC-CNL.

DRILL STEM TESTS: None.

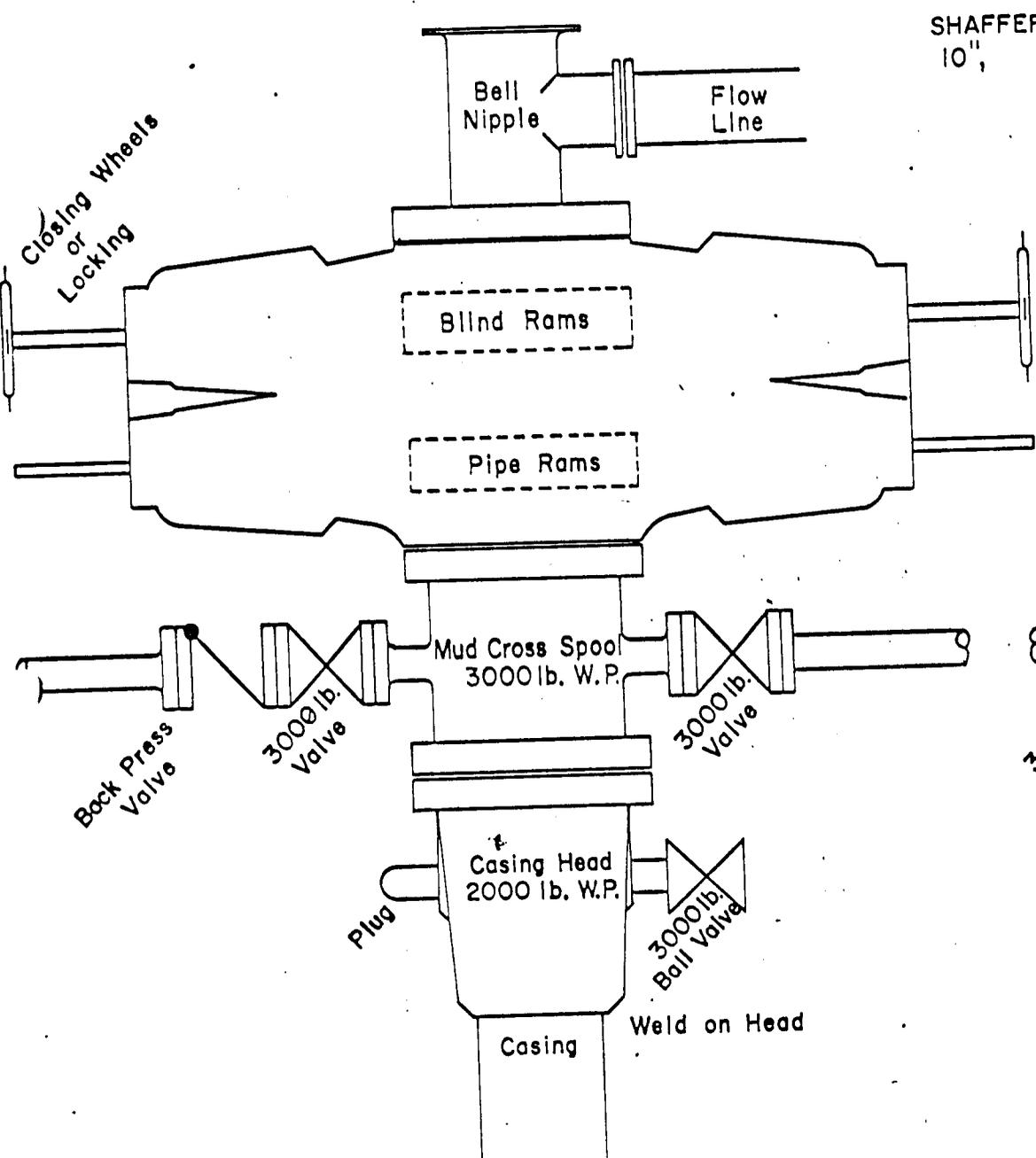
CORING: None.

PRESSURE CONTROLS: Blowout preventer equipment will be 10" Series 600 with blind rams and drill pipe rams hydraulically and manually controlled. The blind rams will be tested daily. The schematic of the pressure control equipment can be seen on the attached diagram. The mud system will be monitored by visual inspection.

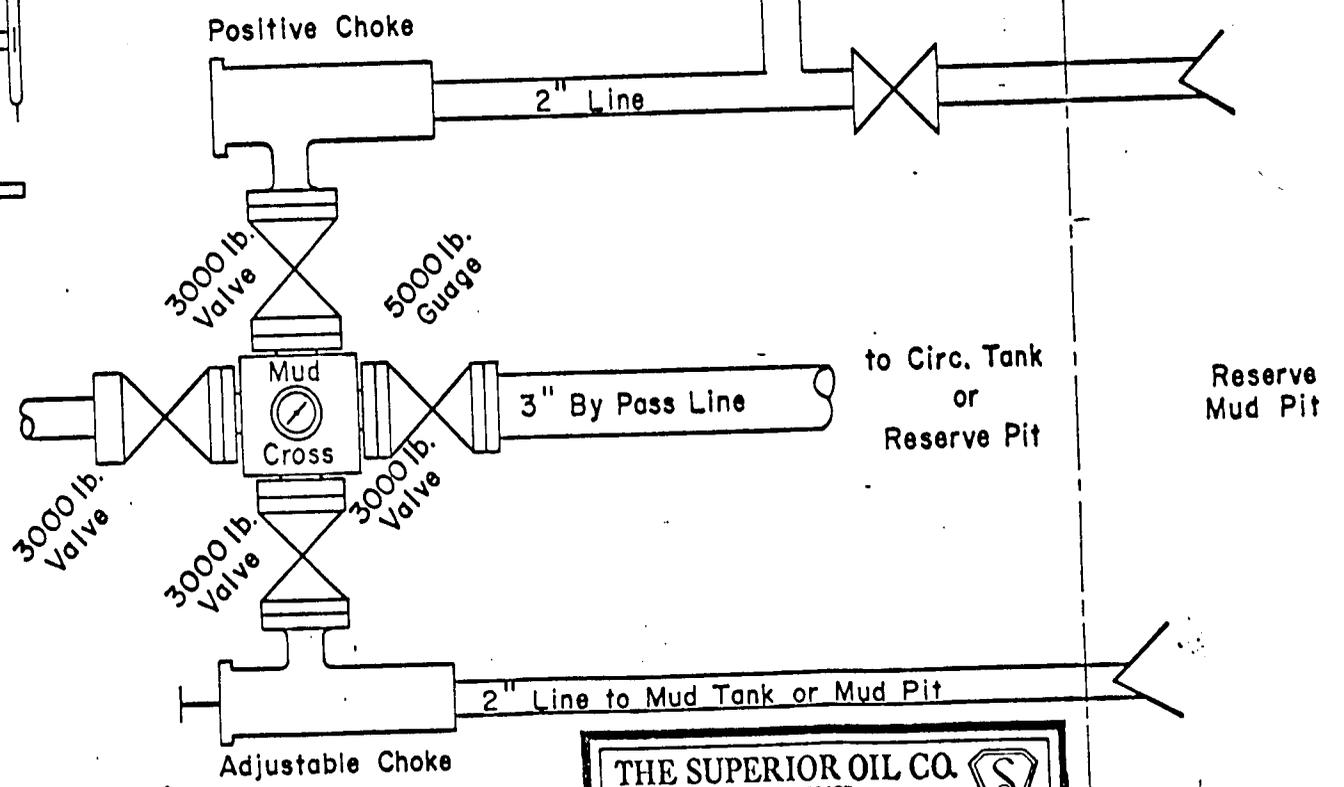
ANTICIPATED STARTING DATE: May 15, 1982.

TGM/lh

Closing Wheels  
or  
Locking



SHAFFER DOUBLE GATE BLOW OUT PREVENTER  
10", 3000 lb. W.P., 6000 lb. Test, Type E



Circulating Tank

THE SUPERIOR OIL CO. 

CORTEZ - CASPER DISTRICT  
ENGINEERING DEPARTMENT

**SCHEMATIC DIAGRAM  
OF PRESSURE CONTROL  
EQUIPMENT**

BY JEG  
SCALE NONE

DATE 6/25/79  
REVISED

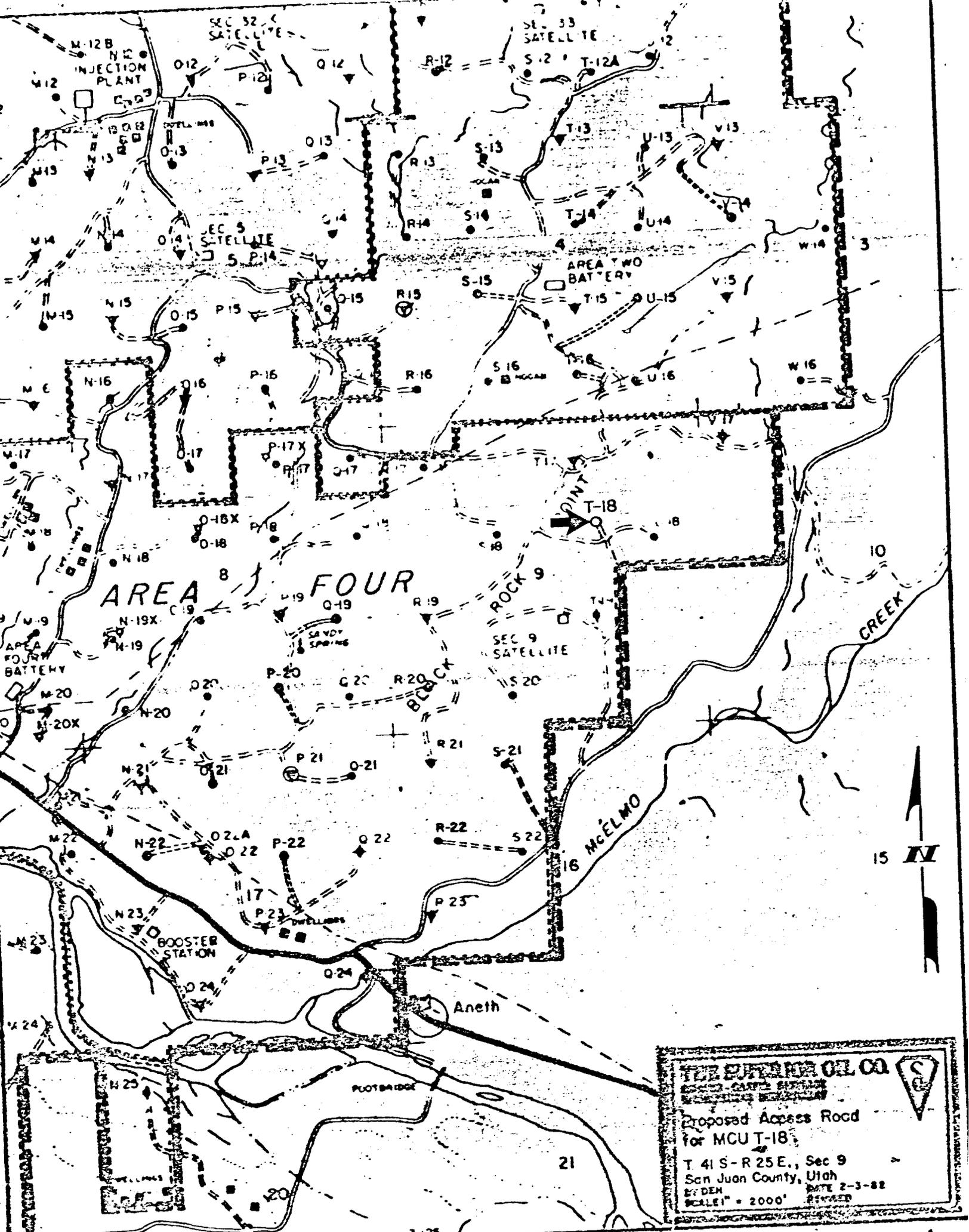


THE SUPERIOR OIL CO.  
COXLEY-CASPER DISTRICT  
ENGINEERING DEPARTMENT

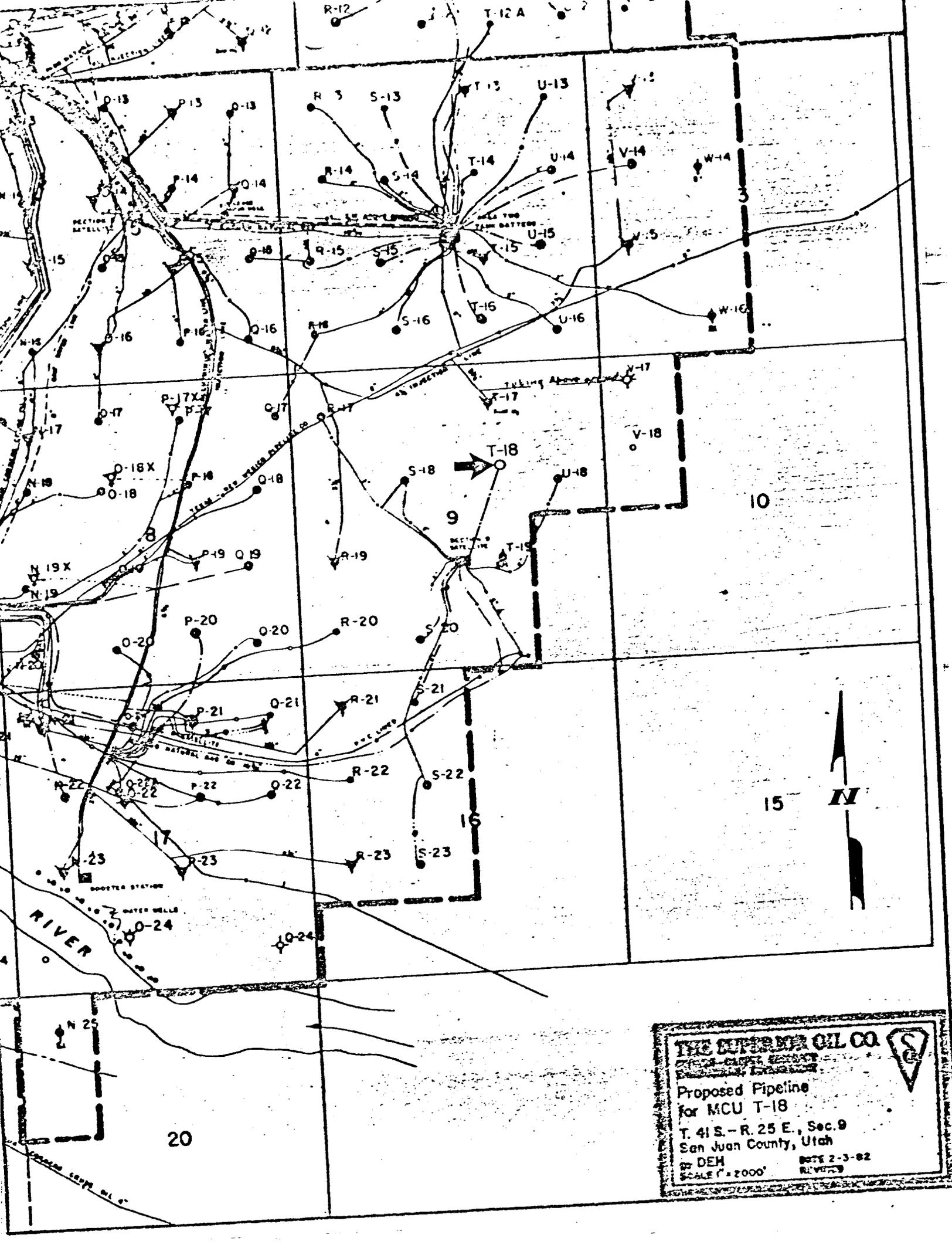


Proposed MCU T-18  
T. 41 S. - R. 25 E. Sec. 9  
3498.99'FWL, 1774.47'FNL  
San Juan County, Utah

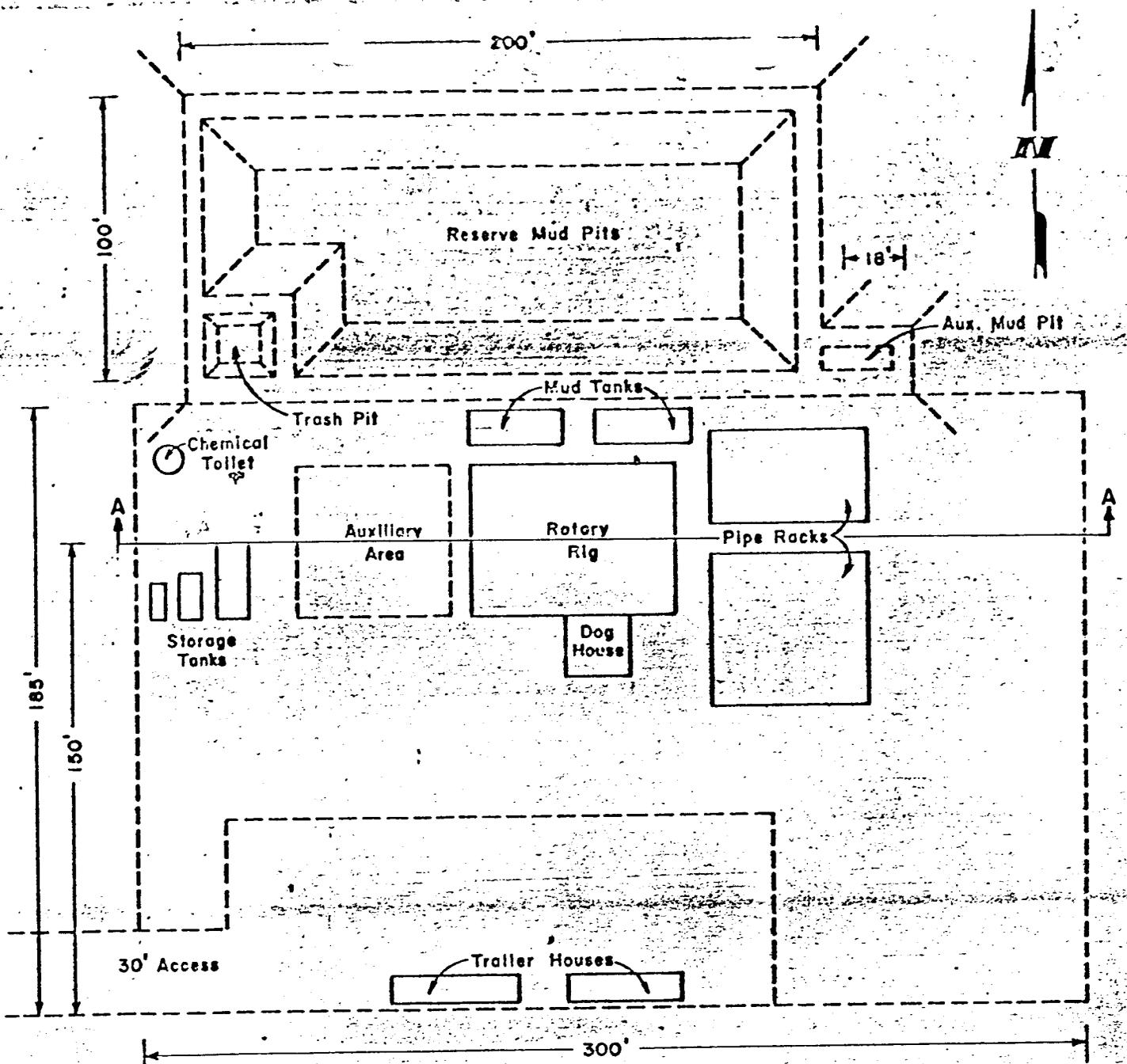
BY DEM  
SCALE 1" = 2000'  
DATE 2-3-82  
REVISED



**THE SUTHERLAND OIL CO.**  
 SANDY SPRING FIELD  
 PROPOSED ACCESS ROAD  
 FOR MCUT-18  
 T. 41 S. - R. 25 E., Sec 9  
 San Juan County, Utah  
 BY DEN SCALE 1" = 2000' DATE 2-3-82



**THE SUPERIOR OIL CO.**  
 Proposed Pipeline  
 for MCU T-18  
 T. 41 S. - R. 25 E., Sec. 9  
 San Juan County, Utah  
 DEH  
 SCALE 1" = 2000'  
 DATE 2-3-62  
 REVISION

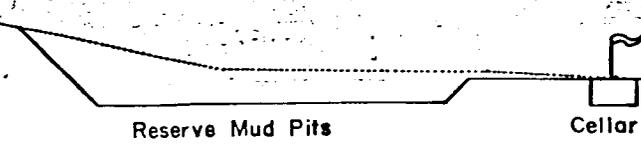


*The Drilling Pad will be graded and compacted, and composed of native materials.*

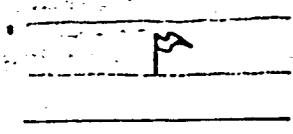
PROPOSED WELL SITE

MCU T-18

ORIGINAL ELEV. 4738.7



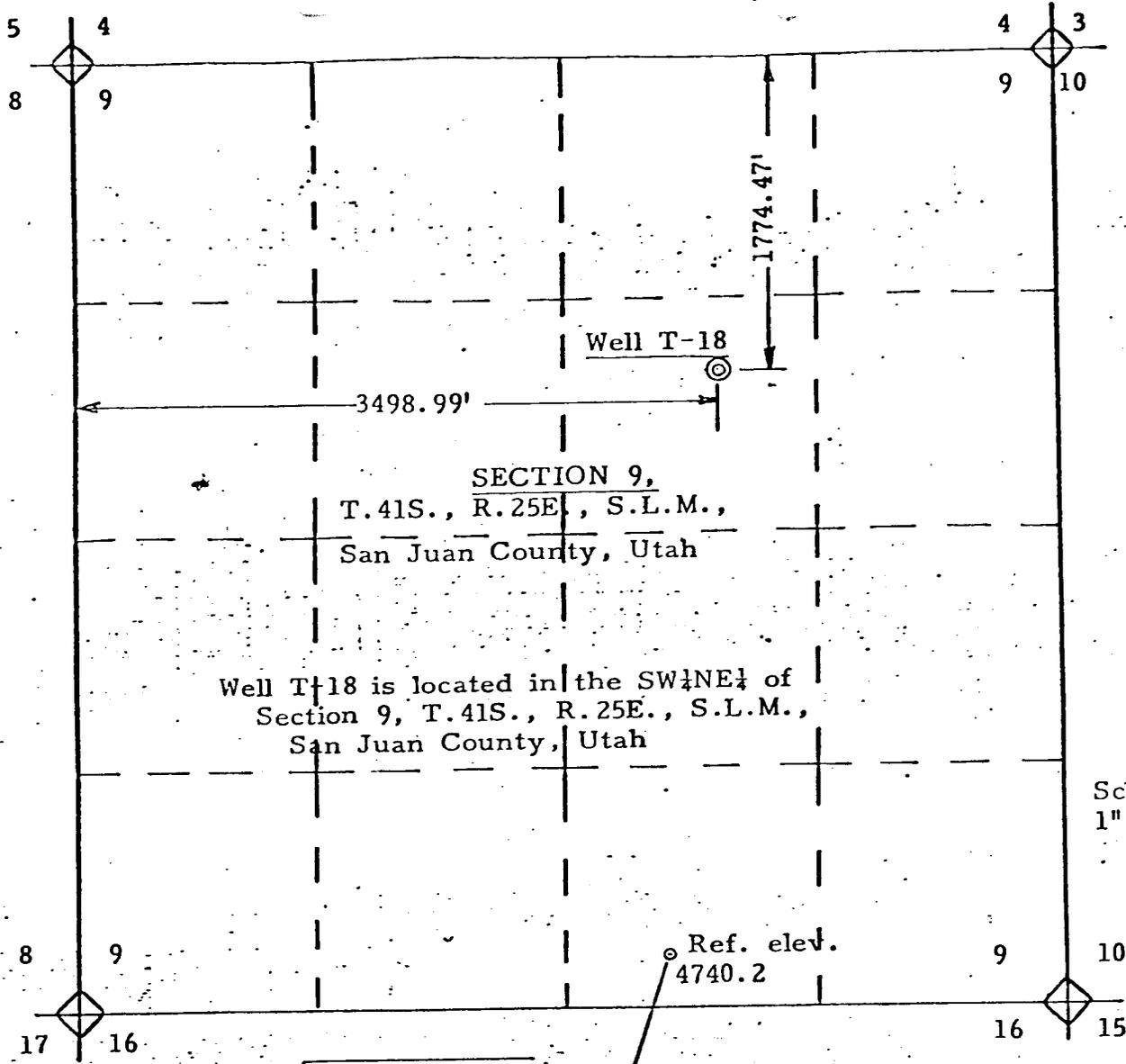
Original Contour  
Reference Point  
Graded Proposal



**THE SUPERIOR OIL CO.**  
 CORTEX - CASPER DISTRICT  
 ENGINEERING DEPARTMENT

**RIG LAYOUT & DRILL  
 PAD CROSS SECTION**  
 McELMO CREEK UNIT  
 WELL NO. T-18

BY JES DATE 2-4-82  
 SCALE 1" = 80' REVISED DEN

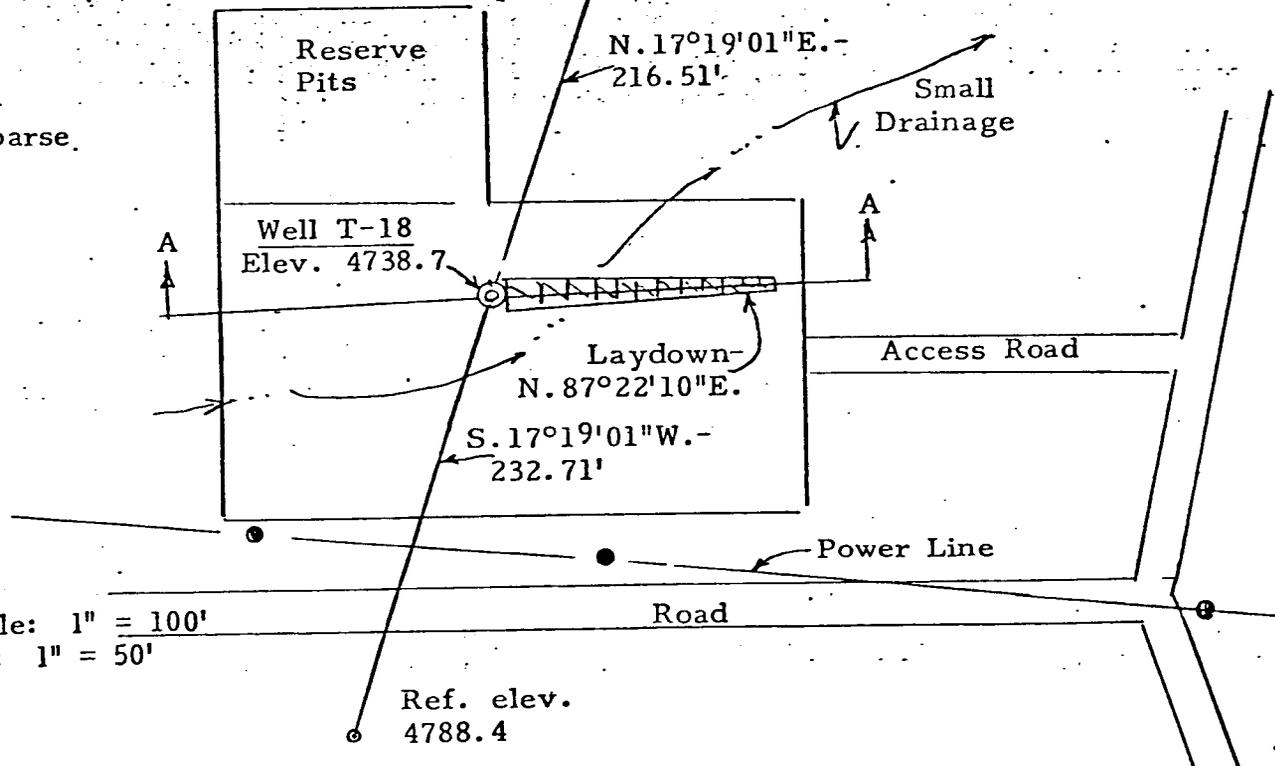


SECTION 9,  
T. 41S., R. 25E., S.L.M.,  
San Juan County, Utah

Well T-18 is located in the SW 1/4 NE 1/4 of  
Section 9, T. 41S., R. 25E., S.L.M.,  
San Juan County, Utah

Scale:  
1" = 1000'

Soil: Sandy.  
Vegetation: Sparse brush.



Horizontal scale: 1" = 100'  
Vertical scale: 1" = 50'

- 4760
- 4750
- 4740
- 4730



T-18  
SECTION A-A N

KNOW ALL MEN BY THESE PRESENTS:  
THAT I, FREDRIC P. THOMAS  
do hereby certify that I prepared this plan from an  
actual and accurate survey of the above and that the  
same is true and correct to the best of my knowledge  
and belief.

*Fredric P. Thomas*

FREDRIC P. THOMAS  
Reg. L.S. and P.E. Bearing by  
Solo observation  
Utah Reg. No. 4346



**THOMAS Engineering Inc.**  
215 N. Linden  
Cortez, Colorado  
565-4496

\*\* FILE NOTATIONS \*\*

DATE: 4-13-82

OPERATOR: Superior Oil Co.

WELL NO: Mc Elms Creek #T-18

Location: Sec. 9 T. 41S R. 25E County: San Juan

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number 43-037-30781

CHECKED BY:

Petroleum Engineer: \_\_\_\_\_

\_\_\_\_\_

Director: OK unit well

\_\_\_\_\_

Administrative Aide: Unit Well

\_\_\_\_\_

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. \_\_\_\_\_

O.K. Rule C-3

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site

Lease Designation Ind.

Plotted on Map

Approval Letter Written

Hot Line

P.I.

April 15, 1982

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

RE: Well No. McElmo Creek T-18  
Sec. 9, T. 41 S, R. 25 E  
San Juan County, Utah 81321

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

CLEON B. FEIGHT - Director  
Office: 533-5771  
Home: 466-4455

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-037-30781.

Sincerely,

DIVISION OF OIL, GAS AND MINING



Cleon B. Feight  
Director

CBF/as  
Encl.  
cc: Minerals Management Service



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

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

March 16, 1983

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

Re: See attached list of wells

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill these locations at a later date, please notify as such.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a firm second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

A handwritten signature in cursive script that reads "Cari Furse".

Cari Furse  
Well Records Specialist

CF/cf

Well No. McElmo Creek Unit # R-10  
Sec. 33, T. 40S, R. 25E.  
San Juan County, Utah

Well No. McElmo Creek Unit # S-09  
Sec. 33, T. 40S, R. 25E.  
San Jaun County, Utah

Well No. McElmo Creek # R-18  
Sec. 9, T. 41S, R. 25E.  
San Juan County, Utah

Well No. McElmo Creek # S-17  
Sec. 9, T. 41S, R. 25E.  
San Juan County, Utah

Well No. McElmo Creek #S-19  
Sec. 9, T. 41S, R. 25E.  
San Juan County, Utah

Well No. McElmo Creek # T-18  
Sec. 9, T. 41S, R. 25E.  
San Juan County, Utah

Well No. McElmo Creek #U-17  
Sec. 9, T. 41S, R. 25E.  
San Juan County, Utah

**SUPERIOR OIL**

March 24, 1983

State of Utah  
Oil, Gas & Mining  
4241 State Office Building  
Salt Lake City, Utah 84114

Re: See attached list of wells

Gentlemen:

The subject wells have not been spudded as of this date. Superior Oil intends to drill these infill wells within McElmo Creek Unit pending the initiation of the CO2 flood. It is requested that approval of the "Application for Permit to Drill" be extended one year.

Respectfully,

SUPERIOR OIL COMPANY

*T. Greg Merrion*

T. Greg Merrion  
Production Engineer

TGM/1h  
Attach.

**RECEIVED**  
MAR 31 1983

DIVISION OF  
OIL GAS & MINING

Well No. McElmo Creek Unit # R-10  
Sec. 33, T. 40S, R. 25E.  
San Juan County, Utah

Well No. McElmo Creek Unit # S-09  
Sec. 33, T. 40S, R. 25E.  
San Jaun County, Utah

Well No. McElmo Creek # R-18  
Sec. 9, T. 41S, R. 25E.  
San Juan County, Utah

Well No. McElmo Creek # S-17  
Sec. 9, T. 41S, R. 25E.  
San Juan County, Utah

Well No. McElmo Creek #S-19  
Sec. 9, T. 41S, R. 25E.  
San Juan County, Utah

Well No. McElmo Creek # T-18  
Sec. 9, T. 41S, R. 25E.  
San Juan County, Utah

Well No. McElmo Creek #U-17  
Sec. 9, T. 41S, R. 25E.  
San Juan County, Utah

**RECEIVED**

MAR 31 1993

DIVISION OF  
OIL GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. oil well  gas well  other

2. NAME OF OPERATOR  
SUPERIOR OIL COMPANY

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1774' FNL, 3499' FWL, SEC. 9, SWNE  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

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

5. LEASE  
14-20-603-359

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NAVAJO

7. UNIT AGREEMENT NAME  
McELMO CREEK UNIT

8. FARM OR LEASE NAME

9. WELL NO.  
#T-18

10. FIELD OR WILDCAT NAME  
GREATER ANETH

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SEC. 9, T41S, R25E, SLM

12. COUNTY OR PARISH | 13. STATE  
SAN JUAN | UTAH

14. API NO.  
43-037-30781

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
4739' GR.

REQUEST FOR APPROVAL TO:      SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF      

FRACTURE TREAT      

SHOOT OR ACIDIZE      

REPAIR WELL      

PULL OR ALTER CASING      

MULTIPLE COMPLETE      

CHANGE ZONES      

ABANDON\*      

(other) EXTENSION OF APD

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

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

Superior Oil requests an extension on the approved Application for Permit to Drill (APD) for the subject well. This well will be spudded within the next six (6) months pending the initiation of the CO<sub>2</sub> flood.

**APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING**  
DATE: 11/27/83  
BY: [Signature]

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

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

SIGNED James S. Andres TITLE Petroleum Engineer DATE 4-5-83

(This space for Federal or State office use)

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil well  gas well  other

2. NAME OF OPERATOR  
SUPERIOR OIL COMPANY

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1774' FNL, 3499' FWL, SEC. 9, SWNE  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

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

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

5. LEASE  
14-20-603-359

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NAVAJO

7. UNIT AGREEMENT NAME  
McELMO CREEK UNIT

8. FARM OR LEASE NAME

9. WELL NO.  
#T-18

10. FIELD OR WILDCAT NAME  
GREATER ANETH

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SEC. 9, T41S, R25E, SLM

12. COUNTY OR PARISH  
SAN JUAN

13. STATE  
UTAH

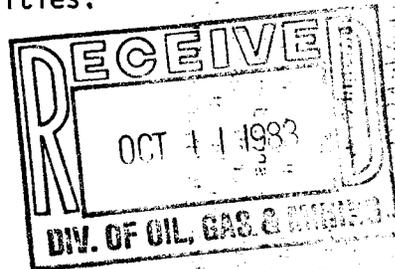
14. API NO.  
43-037-30781

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
4739' GR

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

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

Superior Oil requests an extension on the approved Application for Permit to Drill (APD) for the subject well. This well is expected to be spudded by November 1, 1983 pending drilling activities.



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

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

SIGNED James S. Andres TITLE Petroleum Engineer DATE 9-30-83

(This space for Federal or State office use)

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

**SUPERIOR** 

*Andy*  
*Coni*  
OCT 17 1983

**DIVISION OF  
OIL, GAS & MINING**

October 13, 1983

State of Utah  
Department of Natural Resources  
Division of Oil, Gas & Mining  
4241 State Office Building  
Salt Lake City, Utah 84114

RE: Distribution of Oil & Gas  
Lease Sale Notices

Gentlemen:

Please consider this letter as our official notice of address change, effective November 1, 1983 and our request that Superior Oil be maintained on your mailing list to receive notices regarding any forthcoming sales of oil and gas leases on lands administered by you.

We will appreciate your sending notices to the following address:

The Superior Oil Company  
600 17th Street  
Suite 1500  
Denver, Colorado 80202  
ATTN: Land Department

Thank you very much.

Very truly yours,

THE SUPERIOR OIL COMPANY

*Jed W. Lemmons/cbb*

Jed W. Lemmons  
Division Land Manager

JWL/cbb

The Superior Oil Company

Denver Division

1860 Lincoln St., Suite 800,  
Lincoln Tower Building, Denver, CO 80295  
(303) 863-2600, Twx: 910 931 2539

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil well  gas well  other

2. NAME OF OPERATOR  
SUPERIOR OIL COMPANY

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1774' FNL, 3499' FWL, SEC. 9, SWNE  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

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

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

5. LEASE  
14-20-603-359

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NAVAJO

7. UNIT AGREEMENT NAME  
McELMO CREEK UNIT

8. FARM OR LEASE NAME

9. WELL NO.  
#T-18

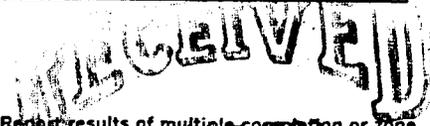
10. FIELD OR WILDCAT NAME  
GREATER ANETH

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SEC. 9, T41S, R25E, SLM

12. COUNTY OR PARISH | 13. STATE  
SAN JUAN | UTAH

14. API NO.  
43-037-30781

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
4739'



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

DIVISION OF  
OIL, GAS & MINING

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.)\*

1500' of 9-5/8", 47#/ft, S-95, LT&C surface csg will be run instead of 8-5/8" surface csg (cmt'd to surface). An 8-1/2" hole will be drilled to a total depth of 5825' and 7" 20#/ft & 23#/ft K-55 and 26#/ft J-55 ST&C production csg will be run instead of 5-1/2" csg (cmt'd w/ 222 sx cmt).

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

DATE: 11-17-83  
BY: [Signature] Ft.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_

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

SIGNED James S. Andres TITLE Petroleum Engineer DATE November 7, 1983

(This space for Federal or State office use)

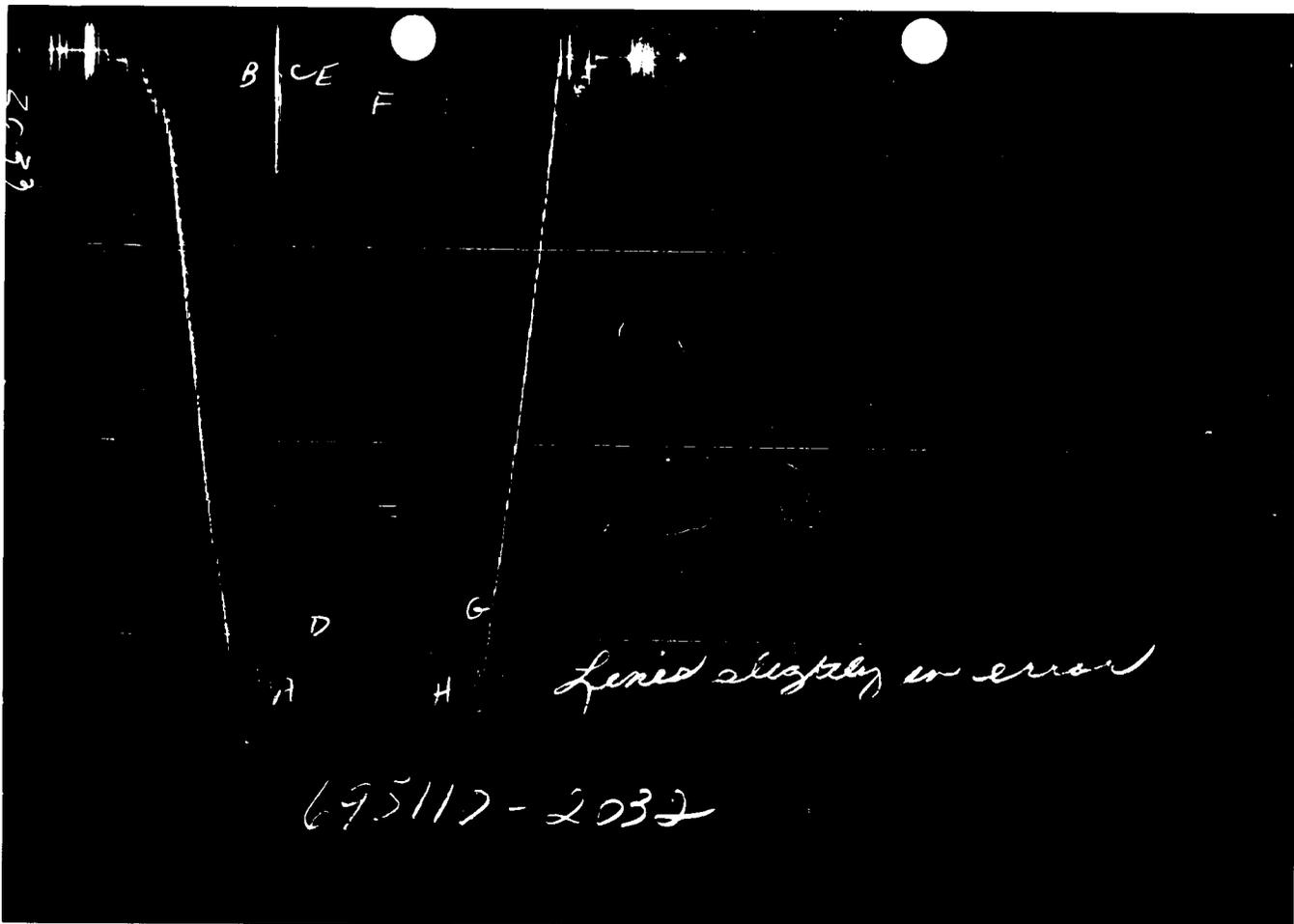
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

MC ELMO UNIT  
 LEASE NAME  
 T-18  
 WELL NO.  
 TEST NO. 1  
 5514.1 - 5548.1  
 TESTED INTERVAL  
 SUPERIOR OIL COMPANY  
 LEASE OWNER/COMPANY NAME  
 LEGAL LOCATION  
 SEC. - TWP. - RANG. 9-41S-25E  
 FIELD AREA RNE1H  
 COUNTY SNB JURN  
 STATE UTAH  
 IC



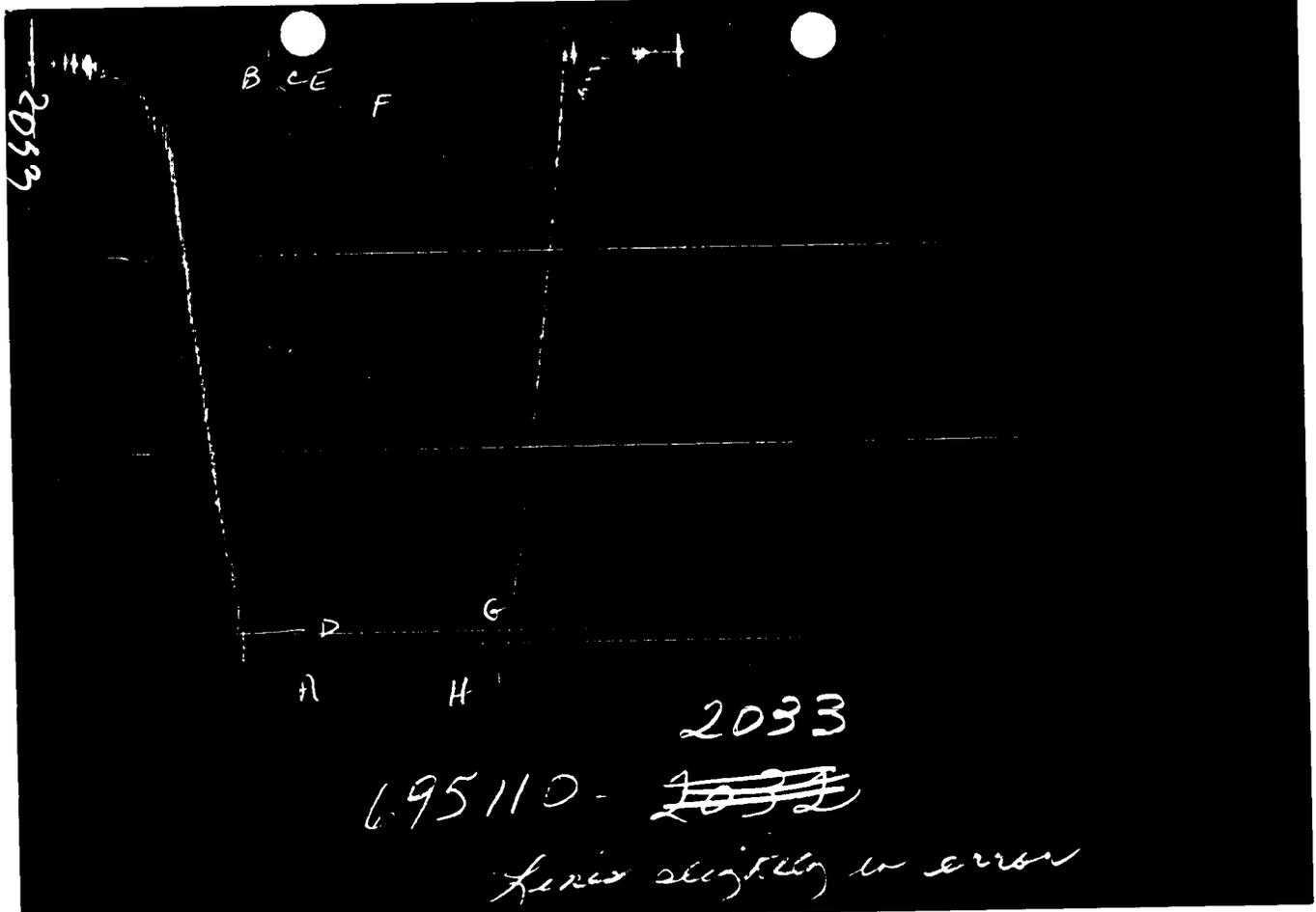
TICKET NO. 69511000  
 30-NOV-83  
 FARMINGTON

FORMATION TESTING SERVICE REPORT



GAUGE NO: 2032 DEPTH: 5493.0 BLANKED OFF: NO HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	3239	3203.7			
B	INITIAL FIRST FLOW	79	85.2			
C	FINAL FIRST FLOW	132	140.6	15.0	14.2	F
C	INITIAL FIRST CLOSED-IN	132	140.6			
D	FINAL FIRST CLOSED-IN	2828	2837.1	30.0	30.8	C
E	INITIAL SECOND FLOW	158	168.7			
F	FINAL SECOND FLOW	277	277.4	60.0	58.7	F
F	INITIAL SECOND CLOSED-IN	277	277.4			
G	FINAL SECOND CLOSED-IN	2841	2842.4	120.0	120.6	C
H	FINAL HYDROSTATIC	3186	3183.4			



GAUGE NO: 2033 DEPTH: 5545.0 BLANKED OFF: YES HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	3270	3242.4			
B	INITIAL FIRST FLOW	121	134.5			
C	FINAL FIRST FLOW	161	162.2	15.0	9.1	F
C	INITIAL FIRST CLOSED-IN	161	162.2			
D	FINAL FIRST CLOSED-IN	2856	2865.8	30.0	30.8	C
E	INITIAL SECOND FLOW	201	210.1			
F	FINAL SECOND FLOW	295	305.9	60.0	58.7	F
F	INITIAL SECOND CLOSED-IN	295	305.9			
G	FINAL SECOND CLOSED-IN	2882	2884.5	120.0	120.6	C
H	FINAL HYDROSTATIC	3217	3227.0			

## EQUIPMENT & HOLE DATA

FORMATION TESTED: LOWER ISMAY  
 NET PAY (ft): 33.0  
 GROSS TESTED FOOTAGE: 34.0  
 ALL DEPTHS MEASURED FROM: KELLY BUSHING  
 CASING PERFS. (ft): \_\_\_\_\_  
 HOLE OR CASING SIZE (in): 8.500  
 ELEVATION (ft): 4739  
 TOTAL DEPTH (ft): 5548.0  
 PACKER DEPTH(S) (ft): 5508, 5514  
 FINAL SURFACE CHOKE (in): \_\_\_\_\_  
 BOTTOM HOLE CHOKE (in): 0.750  
 MUD WEIGHT (lb/gal): 11.40  
 MUD VISCOSITY (sec): 42  
 ESTIMATED HOLE TEMP. (°F): \_\_\_\_\_  
 ACTUAL HOLE TEMP. (°F): 123 @ 5544.0 ft

TICKET NUMBER: 69511000  
 DATE: 11-22-83 TEST NO: 1  
 TYPE DST: OPEN HOLE  
 HALLIBURTON CAMP:  
FARMINGTON  
 TESTER: D. AULD  
 WITNESS: MR. GACENEUX  
 DRILLING CONTRACTOR:  
ARAPAHOE #2

## FLUID PROPERTIES FOR RECOVERED MUD & WATER

SOURCE	RESISTIVITY	CHLORIDES
<u>PIT</u>	<u>3.190 @ 55 °F</u>	<u>1400 ppm</u>
<u>TOP</u>	<u>3.130 @ 54 °F</u>	<u>1400 ppm</u>
<u>MIDDLE</u>	<u>0.930 @ 49 °F</u>	<u>5300 ppm</u>
<u>BOTTOM</u>	<u>0.550 @ 51 °F</u>	<u>9400 ppm</u>
<u>SAMPLER</u>	<u>0.440 @ 50 °F</u>	<u>11500 ppm</u>
_____	_____ @ _____ °F	_____ ppm

## SAMPLER DATA

Pstg AT SURFACE: 170  
 cu.ft. OF GAS: 0.05  
 cc OF OIL: 50  
 cc OF WATER: 1800  
 cc OF MUD: 650  
 TOTAL LIQUID cc: 2500

## HYDROCARBON PROPERTIES

OIL GRAVITY (°API): \_\_\_\_\_ @ \_\_\_\_\_ °F  
 GAS/OIL RATIO (cu.ft. per bbl): \_\_\_\_\_  
 GAS GRAVITY: \_\_\_\_\_

## CUSHION DATA

TYPE	AMOUNT	WEIGHT
<u>MUD (FT)</u>	<u>90.0</u>	<u>11.40</u>
_____	_____	_____

## RECOVERED:

570 FEET OF WATER, MUD, OIL, AND GAS

MEASURED FROM  
TESTER VALVE

## REMARKS:

TYPE &amp; SIZE MEASURING DEVICE: \_\_\_\_\_

TICKET NO: 69511000

TIME	CHOKE SIZE	SURFACE PRESSURE PSI	GAS RATE MCF	LIQUID RATE BPD	REMARKS
11-21-83					
2143					ON LOCATION
2218					PICKED UP TOOL
11-22-83					
0020					GOING IN HOLE
0346	BH	0 OZ.			OPENED TOOL - ALL SURFACE PSI
					MEASURED IN OUNCES
0347	"	2			
0348	"	3			
0349	"	4			
0350	"	4.25			
0351	"	5.25			
0352	"	7			
0353	"	8.5			
0354	"	9.75			
0355	"	11.75			
0356	"	12.25			
0357	"	13.25			
0358	"	13.75			
0359	"	14.5			
0400	"	15			
0401	"	15			CLOSED TOOL
0431	"	0			OPENED TOOL
0432	"	3			
0433	"	3.25			
0434	"	3.75			
0435	"	4.25			
0436	"	4.75			
0437	"	5.25			
0438	"	6			
0439	"	6.75			
0440	"	7.5			
0441	"	8.25			
0446	"	12			
0451	"	14			
0456	"	15.75			
0501	"	16			



TICKET NO: 69511000

CLOCK NO: 13741 HOUR: 24



GAUGE NO: 2032

DEPTH: 5493.0

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
<b>FIRST FLOW</b>					
B 1	0.0	85.2			
2	2.0	95.3	10.0		
3	4.0	105.9	10.7		
4	6.0	112.0	6.1		
5	8.0	118.1	6.1		
6	10.0	125.5	7.4		
7	12.0	132.6	7.1		
C 8	14.2	140.6	8.0		
<b>FIRST CLOSED-IN</b>					
C 1	0.0	140.6			
2	1.0	176.4	35.8	0.9	1.195
3	2.0	233.1	92.5	1.7	0.910
4	3.0	285.9	145.3	2.5	0.760
5	4.0	356.3	215.7	3.1	0.659
6	5.0	440.2	299.6	3.7	0.585
7	6.0	564.1	423.4	4.2	0.524
8	7.0	694.2	553.6	4.7	0.481
9	8.0	897.5	756.9	5.1	0.442
10	9.0	1071.5	930.9	5.5	0.411
11	10.0	1255.8	1115.2	5.8	0.384
12	12.0	1563.8	1423.1	6.5	0.338
13	14.0	1812.6	1671.9	7.0	0.304
14	16.0	2108.9	1968.3	7.5	0.275
15	18.0	2357.7	2217.1	7.9	0.252
16	20.0	2557.0	2416.4	8.3	0.232
17	22.0	2691.2	2550.6	8.6	0.216
18	24.0	2763.5	2622.9	8.9	0.201
19	26.0	2796.6	2655.9	9.2	0.188
20	28.0	2815.5	2674.9	9.4	0.178
D 21	30.8	2837.1	2696.5	9.7	0.164
<b>SECOND FLOW</b>					
E 1	0.0	168.7			
2	5.0	179.8	11.1		
3	10.0	194.9	15.0		
4	15.0	208.0	13.2		
5	20.0	220.6	12.5		
6	25.0	233.1	12.5		
7	30.0	245.0	11.9		
8	35.0	252.6	7.7		
9	40.0	258.2	5.5		
10	45.0	263.1	4.9		
11	50.0	268.5	5.4		
12	55.0	273.9	5.4		
F 13	58.7	277.4	3.6		

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
<b>SECOND CLOSED-IN</b>					
F 1	0.0	277.4			
2	1.0	381.5	104.1	1.0	1.865
3	2.0	472.7	195.3	1.9	1.576
4	3.0	587.5	310.1	2.9	1.400
5	4.0	720.3	442.8	3.8	1.284
6	5.0	868.3	590.8	4.7	1.194
7	6.0	1010.7	733.2	5.6	1.118
8	7.0	1152.6	875.2	6.4	1.054
9	8.0	1269.4	992.0	7.2	1.003
10	9.0	1376.5	1099.1	8.0	0.960
11	10.0	1479.2	1201.7	8.8	0.919
12	12.0	1645.1	1367.7	10.3	0.849
13	14.0	1784.0	1506.6	11.7	0.792
14	16.0	1932.0	1654.6	13.1	0.744
15	18.0	2055.8	1778.4	14.4	0.703
16	20.0	2174.3	1896.8	15.7	0.667
17	22.0	2294.4	2017.0	16.9	0.634
18	24.0	2389.0	2111.6	18.0	0.606
19	26.0	2474.0	2196.6	19.1	0.580
20	28.0	2543.4	2265.9	20.2	0.556
21	30.0	2597.7	2320.3	21.2	0.535
22	35.0	2679.0	2401.6	23.7	0.488
23	40.0	2724.9	2447.5	25.8	0.450
24	45.0	2750.7	2473.2	27.8	0.418
25	50.0	2768.4	2491.0	29.6	0.390
26	55.0	2782.4	2504.9	31.3	0.366
27	60.0	2793.5	2516.1	32.9	0.345
28	70.0	2809.0	2531.6	35.7	0.310
29	80.0	2819.9	2542.5	38.1	0.281
30	90.0	2827.3	2549.9	40.2	0.258
31	100.0	2834.5	2557.0	42.1	0.237
32	110.0	2838.6	2561.2	43.8	0.221
G 33	120.6	2842.4	2565.0	45.4	0.205

REMARKS:

TICKET NO: 69511000

CLOCK NO: 7276 HOUR: 24



GAUGE NO: 2033

DEPTH: 5545.0

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
<b>FIRST FLOW</b>					
B 1	0.0	134.5			
2	2.0	140.3	5.9		
3	4.0	146.6	6.3		
4	6.0	152.8	6.2		
5	8.0	159.0	6.2		
C 6	9.1	162.2	3.2		
<b>FIRST CLOSED-IN</b>					
C 1	0.0	162.2			
2	1.0	205.5	43.3	0.9	1.003
3	2.0	256.8	94.6	1.6	0.743
4	3.0	309.1	146.9	2.2	0.607
5	4.0	406.8	244.6	2.8	0.514
6	5.0	519.4	357.2	3.2	0.451
7	6.0	681.6	519.5	3.6	0.401
8	7.0	872.5	710.3	3.9	0.363
9	8.0	1066.6	904.4	4.2	0.331
10	9.0	1247.5	1085.3	4.5	0.302
11	10.0	1389.2	1227.0	4.8	0.281
12	12.0	1665.2	1503.0	5.2	0.245
13	14.0	1926.0	1763.8	5.5	0.217
14	16.0	2167.9	2005.7	5.8	0.195
15	18.0	2413.8	2251.6	6.0	0.177
16	20.0	2607.4	2445.2	6.2	0.163
17	22.0	2729.5	2567.3	6.4	0.150
18	24.0	2794.3	2632.1	6.6	0.139
19	26.0	2829.1	2666.9	6.7	0.130
20	28.0	2850.0	2687.8	6.9	0.122
D 21	30.8	2865.8	2703.6	7.0	0.112
<b>SECOND FLOW</b>					
E 1	0.0	210.1			
2	5.0	211.5	1.5		
3	10.0	224.0	12.5		
4	15.0	236.9	12.9		
5	20.0	250.1	13.3		
6	25.0	262.1	11.9		
7	30.0	273.7	11.7		
8	35.0	281.0	7.2		
9	40.0	287.0	6.0		
10	45.0	292.9	5.9		
11	50.0	297.6	4.7		
12	55.0	302.4	4.8		
F 13	58.7	305.9	3.5		

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
<b>SECOND CLOSED-IN</b>					
F 1	0.0	305.9			
2	1.0	458.7	152.8	1.0	1.823
3	2.0	598.5	292.6	1.9	1.547
4	3.0	742.4	436.5	2.9	1.375
5	4.0	912.9	607.0	3.8	1.249
6	5.0	1028.2	722.3	4.6	1.164
7	6.0	1179.5	873.6	5.5	1.092
8	7.0	1298.5	992.6	6.3	1.030
9	8.0	1420.6	1114.7	7.2	0.976
10	9.0	1506.0	1200.1	7.9	0.931
11	10.0	1590.3	1284.4	8.7	0.890
12	12.0	1748.5	1442.6	10.2	0.823
13	14.0	1894.8	1588.9	11.6	0.766
14	16.0	2013.0	1707.1	13.0	0.718
15	18.0	2133.2	1827.3	14.2	0.678
16	20.0	2244.0	1938.1	15.4	0.643
17	22.0	2350.9	2045.0	16.6	0.611
18	24.0	2467.4	2161.5	17.7	0.582
19	26.0	2537.2	2231.3	18.8	0.557
20	28.0	2605.6	2299.7	19.8	0.534
21	30.0	2649.1	2343.2	20.8	0.513
22	35.0	2722.1	2416.2	23.1	0.467
23	40.0	2765.5	2459.6	25.1	0.431
24	45.0	2791.7	2485.8	27.1	0.399
25	50.0	2809.6	2503.7	28.8	0.372
26	55.0	2824.1	2518.2	30.4	0.349
27	60.0	2834.9	2529.0	31.8	0.328
28	70.0	2850.4	2544.5	34.4	0.294
29	80.0	2861.1	2555.2	36.7	0.266
30	90.0	2869.8	2563.9	38.7	0.244
31	100.0	2876.3	2570.4	40.4	0.225
32	110.0	2881.6	2575.7	41.9	0.208
G 33	120.6	2884.5	2578.6	43.4	0.194

REMARKS:  
CLOCK APPARENTLY STOPPED AT POINT "C" ON THIS GAUGE.

		O.D.	I.D.	LENGTH	DEPTH	
1		DRILL PIPE.....	4.000	3.340	4951.0	
3		DRILL COLLARS.....	6.125	2.250	438.0	
5		CROSSOVER.....	6.000	3.000	1.5	
51		PUMP OUT REVERSING SUB.....	6.000	3.000	1.0	5390.5
5		CROSSOVER.....	6.000	2.250	1.5	
50		IMPACT REVERSING SUB.....	6.000	3.000	1.0	5393.0
3		DRILL COLLARS.....	6.125	2.250	86.0	
5		CROSSOVER.....	6.000	3.000	1.0	
13		DUAL CIP SAMPLER.....	6.000	0.870	7.0	
60		HYDROSPRING TESTER.....	5.000	0.750	5.0	5491.0
80		AP RUNNING CASE.....	5.000	2.250	4.0	5493.0
15		JAR.....	5.000	1.750	5.0	
16		VR SAFETY JOINT.....	5.000	1.000	3.0	
70		OPEN HOLE PACKER.....	7.750	1.530	6.0	5508.0
70		OPEN HOLE PACKER.....	7.750	1.530	6.0	5514.0
20		FLUSH JOINT ANCHOR.....	5.750	3.000	28.0	
81		BLANKED-OFF RUNNING CASE.....	5.750		4.0	5545.0
		TOTAL DEPTH				5548.0

EQUIPMENT DATA



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil well  gas well  other

2. NAME OF OPERATOR  
SUPERIOR OIL COMPANY

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1774' FNL, 3499' FWL Sect. 9  
AT TCP PROD. INTERVAL: same  
AT TOTAL DEPTH: same

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

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

5. LEASE  
14-20-603-359

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NAVAJO

7. UNIT AGREEMENT NAME  
McELMO CREEK UNIT

8. FARM OR LEASE NAME

9. WELL NO.  
T-18

10. FIELD OR WILDCAT NAME  
GREATER ANETH

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SEC. 9, T41S, R25E, SLM

12. COUNTY OR PARISH | 13. STATE  
SAN JUAN | UTAH

14. API NO.  
43-037-30781

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
GL: 4739' KB: 4752'

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

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

- 11/6/83: Arapahoe #2 **spudded well** at 1700.
- 11/7/83: Drilled 12-1/4" hole to 113'. Opened hole to 17-1/2". Ran 13-3/8", 54.5#, K-55, ST&C conductor casing and cemented to surface with 142 sacks (169 cu ft) Class B cement + 2% CaCl.
- 11/8/83: Drilled 12-1/4" hole to 1507'. Ran 9-5/8", 47#, S-95, L,T&C surface casing and cemented to surface with following: 487 sacks (781 cu ft.) Lite cement + 6% gel, + 5# sacks Hi seal and 150 sacks (174 cu ft) Class B + 2% CaCl and "topped in" with 52 sacks (62 cu ft) Class B + 3% CaCl.
- 11/25/83: Drilled 8-1/2" hole to 5757'. Ran the production casing as follows:  
GL-29': 7", 23#, J-55, ST&C;  
29'-1847': 7", 20#, K-55, ST&C;  
1847'-4868': 7", 23#, J-55, ST&C  
4868'-5757': 7", 23#, L-80, L,T&C. see below \*

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

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

SIGNED *J. Regal* TITLE Production Engineer DATE December 13, 1983

(This space for Federal or State office use)

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

\*Cemented production casing with 350 sacks (399 cu ft) Class B cement + 0.2% TF-4 friction reducer + 0.6% CF-10 fluid loss additive. PBSD is at 5721'.

\*See Instructions on Reverse Side

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

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved,  
Budget Bureau No. 42-R355.5.

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG \***

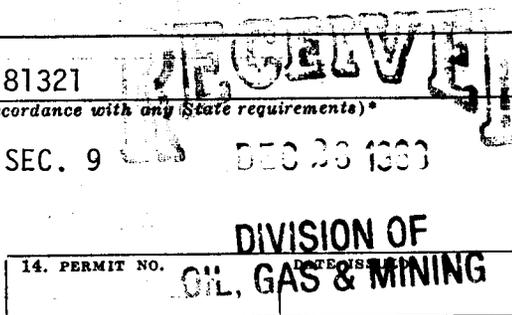
1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other \_\_\_\_\_

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

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface **1774' FNL, 3499' FWL of SEC. 9**  
At top prod. interval reported below  
At total depth  
Same



5. LEASE DESIGNATION AND SERIAL NO.  
**14-20-603-359**

6. IF INDIAN, ALLUTTEE OR TRIBE NAME  
**NAVAJO**

7. UNIT AGREEMENT NAME  
**McELMO CREEK UNIT**

8. FARM OR LEASE NAME

9. WELL NO.  
**T-18**

10. FIELD AND POOL, OR WILD CAT  
**GREATER ANETH**

11. SEC., T. R., M., OR BLOCK AND SURVEY OR AREA  
**SEC. 9, T41S, R25E, SLM**

12. COUNTY OR PARISH  
**SAN JUAN**

13. STATE  
**UTAH**

15. DATE SPUNDED **11-6-83** 16. DATE T.D. REACHED **11-26-83** 17. DATE COMPL. (Ready to prod.) **12-8-83** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* **GL: 4739' KB: 4752'** 19. ELEV. CASINGHEAD **4739'**

20. TOTAL DEPTH, MD & TVD **5757'** 21. PLUG, BACK T.D., MD & TVD **5721'** 22. IF MULTIPLE COMPL., HOW MANY\* **→** 23. INTERVALS DRILLED BY ROTARY TOOLS **0-5757'** CABLE TOOLS **0**

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
**5582-96', 5600-60' (Desert Creek)**

25. WAS DIRECTIONAL SURVEY MADE **No**

26. TYPE ELECTRIC AND OTHER LOGS RUN  
**SP-SFL-DIL FDC-CNL-GR-CAL RFT GR-CBL-VDL-CCL**

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.5#	113'	17-1/2"	169 ft <sup>3</sup> Cl 'B' + 2% CaCl	
9-5/8"	47#	1507'	12-1/4"	781 ft <sup>3</sup> Lite + 6% gel + 5# /sx Hi+seal + 174-3%	
7"	20# & 23#	5757'	8-1/2"	399 ft <sup>3</sup> Cl 'B' + .2% TF-4 + .6% CF-10	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	5670'	

31. PERFORATION RECORD (Interval, size and number)

**5582'-96', 5600-60' (1 JSPF)**

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5582-60'	12,250 gal 28% HCl

33.\* PRODUCTION

DATE FIRST PRODUCTION **12-9-83** PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) **LUF 912 PUMPING UNIT** WELL STATUS (Producing or shut-in) **Producing**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12-19-83	24		→	235	505	939	2149
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
225		→	235	505	939	40.4	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) **Sold** TEST WITNESSED BY **T. O. Berry**

35. LIST OF ATTACHMENTS

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

SIGNED T. Greg Merriam TITLE Production Engineer DATE 12-20-83

\*(See Instructions and Spaces for Additional Data on Reverse Side)

7

CCL (transcribed in)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Lower Ismay	5503'	5549'	Limestone, anhydrite, & dolomite " "
Desert Creek	5569'	5724'	
			MEAS. DEPTH
			TOP
			TRUE VERT. DEPTH
			NAME
			Dakota Navajo Chinle DeChelly Hermosa U. Ismay L. Ismay Gothic Desert CK Chimney Rock
			Surf. 800' 1472' 2662' 4620' 5410' 5503' 5549' 5569' 5724'



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

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

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

January 31, 1984

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

RE: Well No. McElmo Creek T-18  
API #43-037-30781  
1774' FNL, 3499' FWL SW/NE  
Sec. 9, T. 41S, R. 25E.  
San Juan County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office December 20, 1983 on the above referred to well, indicates the following electric logs were run: RFT and GR-DBL-VDL-CCL. As of today's date, this office has not received these logs.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgment should avoid unnecessary mailing of a second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

Claudia Jones  
Well Records Specialist

CJ/cj

orig file.  
cc R. Furth

# Mobil Oil Corporation

P.O. BOX 5444  
DENVER, COLORADO 80217

January 14, 1985

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

RECEIVED

FEB 0

DIVISION OF OIL  
& GAS & MINING

Attention: Ms. Dianne Nielson, Director

RE: NOTICES TO SUPERIOR OIL COMPANY

Dear Ms. Nielson:

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

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

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

(303) 298-2577

PERMITS ONLY

RON

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

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

Very truly yours,



R. D. Baker  
Environmental & Regulatory Manager - West

Enclosure

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPL  
(Other instructions  
verse side)

T  
P

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

6. LEASE DESIGNATION AND SERIAL NO.

14-20-603-359

8. BY INDIAN, ALLOTTEE OR TRIBE NAME

NAVAJO

7. UNIT AGREEMENT NAME

MCELMO CREEK

8. FARM OR LEASE NAME

MCELMO CREEK

9. WELL NO.

T-18

10. FIELD AND POOL, OR WILDCAT

GREATER ANETH

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

Sec. 9, T41S, R25E, SLM

OIL WELL  GAS WELL  OTHER  CATHODIC PROTECTION

2. NAME OF OPERATOR

SUPERIOR OIL COMPANY, through its Agent, MOBIL OIL CORP.

3. ADDRESS OF OPERATOR

P. O. DRAWER 'G', CORTEZ, COLORADO 81321

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

1774' FNL, 3499' FWL, SWNE

14. PERMIT NO.

43-037-30781

15. ELEVATIONS (Show whether OF, BT, OR, etc.)

4739' GL

12. COUNTY OR PARISH

SAN JUAN

13. STATE

UTAH

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANE

(Other)

(Other) Construct Cathodic Protection System

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

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

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

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

Archaeological Clearance by Bureau of Indian Affairs per BIA-NAO-DCA 82-32, dated March 3, 1982.

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

SIGNED

*Clyde J. Benally*

TITLE Sr. Regulatory Coordinator

DATE 11/15/85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

# Mobil Oil Corporation

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

May 14, 1986

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

**RECEIVED**  
MAY 16 1986

DIVISION OF  
OIL, GAS & MINING

Attn: R. J. Firth  
Associate Director

## SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

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

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

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

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

Very truly yours,



R. D. Baker  
Environmental Regulatory Manager

CNE/rd  
CNE8661

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

PROPERTY NAME	WELL NAME	COUNTY	STATE	SEC	TOWNSHIP	RNG	S T		FEDERAL LEASE NUMBER	STATE NUMBER	UNIT NUMBER
							WELL TYPE	A T			
MC ELMO CREEK	T-13	SAN JUAN	UT	NW	NE	04-41S-25E	INJ	OP	43-037-05714	14-20-603-2057	96-004190
	T-14	SAN JUAN	UT	SW	NE	04-41S-25E	PROD	OP	43-037-30459	14-20-603-2057	96-004190
	T-15	SAN JUAN	UT	NW	SE	04-41S-25E	INJ	OP	43-037-05660	14-20-603-2057	96-004190
	T-16	SAN JUAN	UT	SW	SE	04-41S-25E	PROD	OP	43-037-30654	14-20-603-2057	96-004190
	T-17	SAN JUAN	UT	NW	NE	09-41S-25E	INJ	OP	43-037-05614	14-20-603-359	96-004190
	T-18	SAN JUAN	UT	SW	NE	09-41S-25E	PROD	OP	43-037-30781	14-20-603-359	96-004190
	T-19	SAN JUAN	UT	NW	SE	09-41S-25E	INJ	OP	43-037-15981	14-20-603-359	96-004190
	U-05	SAN JUAN	UT	NE	NE	28-40S-25E	PROD	SI	43-037-15333	14-20-603-2048-A	96-004190
	U-07	SAN JUAN	UT	NE	SE	28-40S-25E	PROD	SI	43-037-15334	14-20-603-2048	96-004190
	U-08	SAN JUAN	UT	SE	SE	28-40S-25E	PROD	OP	43-037-30454	14-20-603-2048	96-004190
	U-09	SAN JUAN	UT	NE	NE	33-40S-25E	PROD	OP	43-037-31122	14-20-603-2057	96-004190
	U-10	SAN JUAN	UT	SE	NE	33-40S-25E	INJ	OP	43-037-05761	14-20-603-2057	96-004190
	U-11	SAN JUAN	UT	NE	SE	33-40S-25E	PROD	TA	43-037-30455	14-20-603-2057	96-004190
	U-12	SAN JUAN	UT	SE	SE	33-40S-25E	PROD	OP	43-037-16155	14-20-603-2057	96-004190
	U-13	SAN JUAN	UT	NE	NE	04-41S-25E	PROD	OP	43-037-30456	14-20-603-2057	96-004190
	U-14	SAN JUAN	UT	SE	NE	04-41S-25E	PROD	OP	43-037-16156	14-20-603-2057	96-004190
	U-15	SAN JUAN	UT	NE	SE	04-41S-25E	PROD	OP	43-037-30633	14-20-603-2057	96-004190
	U-16	SAN JUAN	UT	SE	SE	04-41S-25E	PROD	OP	43-037-16157	14-20-603-2057	96-004190
	U-17	SAN JUAN	UT	NE	NE	09-41S-25E	PROD	OP	43-037-30782	14-20-603-359	96-004190
	U-18	SAN JUAN	UT	SE	NE	09-41S-25E	PROD	OP	43-037-15982	14-20-603-359	96-004190
	V-06	SAN JUAN	UT	SW	NW	27-40S-25E	INJ	OP	43-037-16382	14-20-603-2048-A	96-004190
	V-08	SAN JUAN	UT	SW	SW	27-40S-25E	PROD	SI	43-037-15335	14-20-603-2048-A	96-004190
	V-09	SAN JUAN	UT	NW	NW	34-40S-25E	PROD	SI	43-037-16158	14-20-603-2057	96-004190
	V-11	SAN JUAN	UT	NW	SW	34-40S-25E	PROD	SI	43-037-16159	14-20-603-2057	96-004190
	V-13	SAN JUAN	UT	NW	NW	03-41S-25E	INJ	OP	43-037-05706	14-20-603-2057	96-004190
	V-14	SAN JUAN	UT	SW	NW	03-41S-25E	PROD	OP	43-037-30653	14-20-603-2057	96-004190
	V-15	SAN JUAN	UT	NW	SW	03-41S-25E	INJ	OP	43-037-05669	14-20-603-2057	96-004190
	V-16	SAN JUAN	UT	SW	SW	03-41S-25E	COMP		43-037-31183	14-20-603-2057	96-004190
	V-17	SAN JUAN	UT	NW	NW	10-41S-25E	PROD	SI	43-037-20093	14-20-603-359	96-004190
	W-14	SAN JUAN	UT	SE	NW	03-41S-25E	PROD	SI	43-037-16160	14-20-603-2057	96-004190

Division of Oil, Gas and Mining  
**PHONE CONVERSATION DOCUMENTATION FORM**

Route original/copy to:

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

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

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

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

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

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

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

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

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

# Mobil Oil Corporation

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

May 14, 1986

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

Attn: R. J. Firth  
Associate Director

RECEIVED  
MAY 16 1986

DIVISION OF  
OIL, GAS & MINING

## SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

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

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

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

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

Very truly yours,



R. D. Baker  
Environmental Regulatory Manager

CNE/rd  
CNE8661

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

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

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

UTAH ACCOUNT NUMBER: N7370

REPORT PERIOD (MONTH/YEAR): 6 / 95

AMENDED REPORT  (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
	MCELMO CR R-12							
4303730651	05980	40S 25E 33	DSCR					
	MCELMO CREEK Q-19							
4303730652	05980	41S 25E 8	IS-DC					
	MCELMO CR V-14							
4303730653	05980	41S 25E 3	DSCR					
	MCELMO CR T-16							
4303730654	05980	41S 25E 4	DSCR					
	MCELMO CR N-22							
4303730661	05980	41S 25E 17	DSCR					
	MCELMO CR O-21							
4303730662	05980	41S 25E 17	DSCR					
	MCELMO CR R-18							
4303730778	05980	41S 25E 9	DSCR					
	MCELMO CR S-17							
4303730779	05980	41S 25E 9	DSCR					
	MCELMO CR S-19							
4303730780	05980	41S 25E 9	DSCR					
	MCELMO CR T-18							
4303730781	05980	41S 25E 9	DSCR					
	MCELMO CR U-17							
4303730782	05980	41S 25E 9	DSCR					
	MCELMO CREEK UNIT G-24							
4303731008	05980	41S 24E 13	DSCR					
	MCELMO CREEK UNIT J-16A							
4303731011	05980	41S 25E 6	DSCR					
<b>TOTALS</b>								

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

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

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

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

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

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

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

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

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

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

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

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

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

Name: <u>** SEE ATTACHED **</u>	API: <u>037-30781</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: _____

**OPERATOR CHANGE DOCUMENTATION**

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

**ENTITY REVIEW**

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

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

- N/A* 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- Yes*
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date \_\_\_\_\_ 1995. If yes, division response was made by letter dated \_\_\_\_\_ 1995.

**LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY**

- N/A* 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated \_\_\_\_\_ 1995, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested. *UTS 8/5/95*
- N/A* 2. Copies of documents have been sent to State Lands for changes involving State leases.

**FILMING**

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

**FILING**

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

**COMMENTS**

*950803 LIC F5/Not necessary!*

**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.

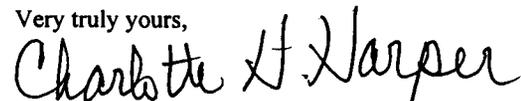
Please note the change of name of MOC to ExxonMobil Oil Corporation in your records pertaining to any MOC permits.

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

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH
2. CDW <input checked="" type="checkbox"/>
3. FILE

Change of Operator (Well Sold)

Designation of Agent

**X Operator Name Change**

Merger

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

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

**CA No. Unit: MCELMO CREEK**

**WELL(S)**

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MCELMO CR S-18	09-41S-25E	43-037-15978	5980	INDIAN	OW	P
MCELMO CR U-18	09-41S-25E	43-037-15982	5980	INDIAN	OW	P
MCELMO CR R-20	09-41S-25E	43-037-30462	5980	INDIAN	OW	TA
MCELMO CR R-18	09-41S-25E	43-037-30778	5980	INDIAN	OW	P
MCELMO CR S-17	09-41S-25E	43-037-30779	5980	INDIAN	OW	P
MCELMO CR S-19	09-41S-25E	43-037-30780	5980	INDIAN	OW	P
MCELMO CR T-18	09-41S-25E	43-037-30781	5980	INDIAN	OW	P
MCELMO CR U-17	09-41S-25E	43-037-30782	5980	INDIAN	OW	S
MCELMO CR S-22	16-41S-25E	43-037-15980	5980	INDIAN	OW	P
MCELMO CR Q-22	17-41S-25E	43-037-15523	5980	INDIAN	OW	S
MCELMO CR O-22A	17-41S-25E	43-037-15970	5980	INDIAN	OW	P
MCELMO CR Q-21	17-41S-25E	43-037-30463	5980	INDIAN	OW	P
MCELMO CR P-22	17-41S-25E	43-037-30506	5980	INDIAN	OW	P
MCELMO CREEK N-22	17-41S-25E	43-037-30661	5980	INDIAN	OW	P
MCELMO CR O-21	17-41S-25E	43-037-30662	5980	INDIAN	OW	P
MCELMO CREEK UNIT O-23	17-41S-25E	43-037-31123	5980	INDIAN	OW	P
MCELMO CREEK UNIT Q-23	17-41S-25E	43-037-31124	5980	INDIAN	OW	P
MCELMO CR J-23	18-41S-25E	43-037-15500	5980	INDIAN	OW	P
MCELMO CR M-22	18-41S-25E	43-037-15512	5980	INDIAN	OW	P
MCELMO CR M-24	18-41S-25E	43-037-15513	5980	INDIAN	OW	P

**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: BIA-06/01/2001

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

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

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

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 04/25/2002

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 04/25/2002

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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# United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

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,

**GENNI DENETSONE**

Regional Realty Officer

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

<b>MINERAL RESOURCES</b>	
ADM 1	<u>9/27/01</u>
NATV AM MIN COORD	_____
SOLID MIN TEAM	_____
PETRO MENT TEAM	<u>2</u>
O & G INSPECT TEAM	_____
ALL TEAM LEADERS	_____
LAND RESOURCES	_____
ENVIRONMENT	_____
FILES	_____

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

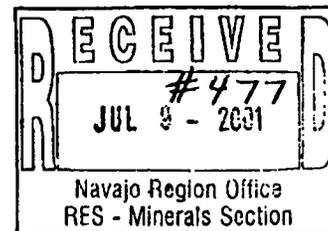
*By 7/12/2001*  
*SN*  
*593*  
*File*

June 27, 2001

**ExxonMobil**  
Production

Certified Mail  
Return Receipt Requested

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



Change of Name -  
Mobil Oil Corporation to  
ExxonMobil Oil Corporation

Dear Ms. Denetsone:

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

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

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

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

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

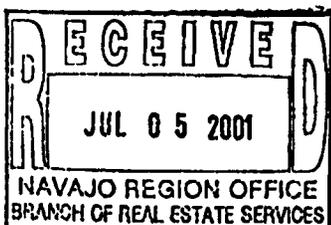
If you have any questions , please contact Alex Correa at (713) 431-1012.

Very truly yours,

*Charlotte H. Harper*

Charlotte H. Harper  
Permitting Supervisor

Attachments



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

*NOTE: Check forwarded to Ella 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.

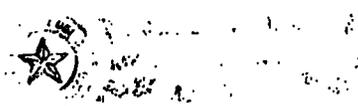
WITNESS, my hand and the seal of the Corporation at Irving, Texas, this 8th day of June, 2001.

*S. A. Miller*  
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 }  
County of Somerset } ss.

On this 10th day of May, 2001

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



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

Karen A. Price  
Notary Public

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

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

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

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

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



Kenneth C. Wendel  
Kenneth C. Wendel, Assistant Secretary

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

CSC

5184334741

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

CSC

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

F010601000187

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

CSC 45

(Under Section 805 of the Business Corporation Law)

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

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

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

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

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

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

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

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

CSC  
CSC

5184334741

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

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

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

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

STATE OF TEXAS            )  
                                  )  
COUNTY OF DALLAS        )

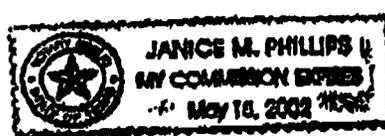
F. L. REID, being duly sworn, deposes and says that he is the Secretary of MOBIL OIL CORPORATION, the corporation mentioned and described in the foregoing instrument; that he has read and signed the same and that the statements contained therein are true.

  
\_\_\_\_\_  
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. 132 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

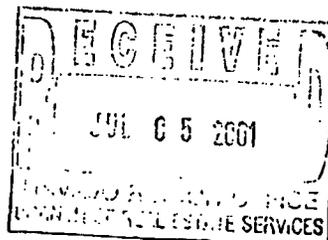
6949 Las Colinas Blvd.  
(Mailing address)

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

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

*ny Albany*

*Cust Ref # 165578 MPJ*



**010601000195**

State of New York    )  
Department of State } ss:

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

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



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

*Special Deputy Secretary of State*

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. <b>1420603359</b>
6. If Indian, Allottee or Tribe Name <b>Ship Rock</b>
7. If Unit or CA/Agreement, Name and or No <b>UTU68930A</b>
8. Well Name and No. <b>McElmo Creek T-18</b>
9. API Well No. <b>43-037-30781-00-S1</b>
10. Field and Pool, or Exploratory Area <b>Aneth</b>
11. County or Parish, State <b>San Juan County, UT</b>

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

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator <b>Exxon Mobil Oil Corporation</b>	
3a. Address <b>P.O. Box 4358, Houston, TX 77210-4358</b>	3b. Phone No. (include area code) <b>281-654-1936</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>SW/NE 1774' FNL &amp; 3499' FWL, Sec 9, T41S, R25E</b>	

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

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

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.)

**Well is currently producing. Last well test was 03/17/06 with 3 bopd, 84 hwpd, 11 mcfgd.**

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) <b>Tiffany Stebbins</b>		Title <b>Staff Office Assistant</b>
Signature <i>Tiffany Stebbins</i>	Date <b>04/24/2006</b>	

**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 any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**APR 28 2006**

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

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

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

Operator Name Change/Merger

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

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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:**

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

FORM 9

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

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

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

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

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

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

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

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

(This space for State use only)

**APPROVED** 6/22/06  
*Earlene Russell*  
Division of Oil, Gas and Mining (See Instructions on Reverse Side)  
Earlene Russell, Engineering Technician

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

(5/2000)

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

FORM 9

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

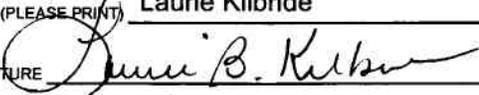
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

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

Attached please find a listing of producers and water source wells included in the transfer.

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

(This space for State use only) **APPROVED** 6/22/06  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

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

DIV. OF OIL, GAS & MINING

# McElmo Creek Unit - Producer Well List

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

# McElmo Creek Unit - Producer Well List

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

# McElmo Creek Unit - Producer Well List

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

## Water Source Wells (Feb 2006)

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

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-603-359
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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
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<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> MCELMO CR T-18
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<b>2. NAME OF OPERATOR:</b> RESOLUTE NATURAL RESOURCES	<b>9. API NUMBER:</b> 43037307810000
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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> 1774 FNL 3499 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNE Section: 09 Township: 41.0S Range: 25.0E 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: 5/29/2014  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input checked="" type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

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

Resolute Natural Resources respectfully submits this sundry as notice of a tubing repair on the above wellbore. Attached are the Schematic and Procedures.

**Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
 June 05, 2014**

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

By: Dark Ount

<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> 5/28/2014	

# RESOLUTE

## NATURAL RESOURCES

### MCU T-18 Hole in Tubing

#### Procedure

1. MIRU WSU, LOTO,
2. Pressure test tubing to 1000 psig.
3. Kill well as necessary
4. POOH with rods. Stand back in derrick. Call Bill Albert (970) 371-9682 to inspect rods. If unavailable, contact Tech Support: Virgil Holly (435) 444-0020, or Nate Dee. Replace or re-run rods per inspection results.
5. Drop a standing valve. Re-pressure test the tubing to confirm there is no leak.
6. ND WH. NU BOPE.
7. Release the TAC @ 5356' KB. Install a packer. Pressure test BOPE.
8. TIH with extra joints to tag fill; current EOT @ 5571' KB. If needed, clean out to 5721' PBTD in 7" casing.
9. Plan to use nitrogen (Global N2) if fill cleanout is required; had no fill on the job done in DEC 2012.
10. TOO H with tubing. LD mule shoe mud anchor. Replace w/ 3-1/2" slotted mud anchor - 41 ft.
11. Call and notify Bill Albert to inspect tubing. If unavailable, contact Virgil Holly or Nate Dee.
12. If tubing needs replaced, run new 2-7/8" J-55 seamless, FBNAU.
13. TIH with 3-1/2 slotted mud anchor , xover to 2-7/8", SN, two joints 2-7/8", TAC, and 2-7/8 tubing to surface. Set TAC @5500
14. NDBOP, NUWH.
15. RIH with rods & pump. Contact Tech Support for pump and rod details.
16. Long stroke pump to test for good pumping action.
17. Leave enough polished rod for operators to correctly space pump as required.
18. Notify the Area Production Supervisor Terry Lee that well is ready to return to production.
19. RDMOL. Hook up appropriate chemical treatment.

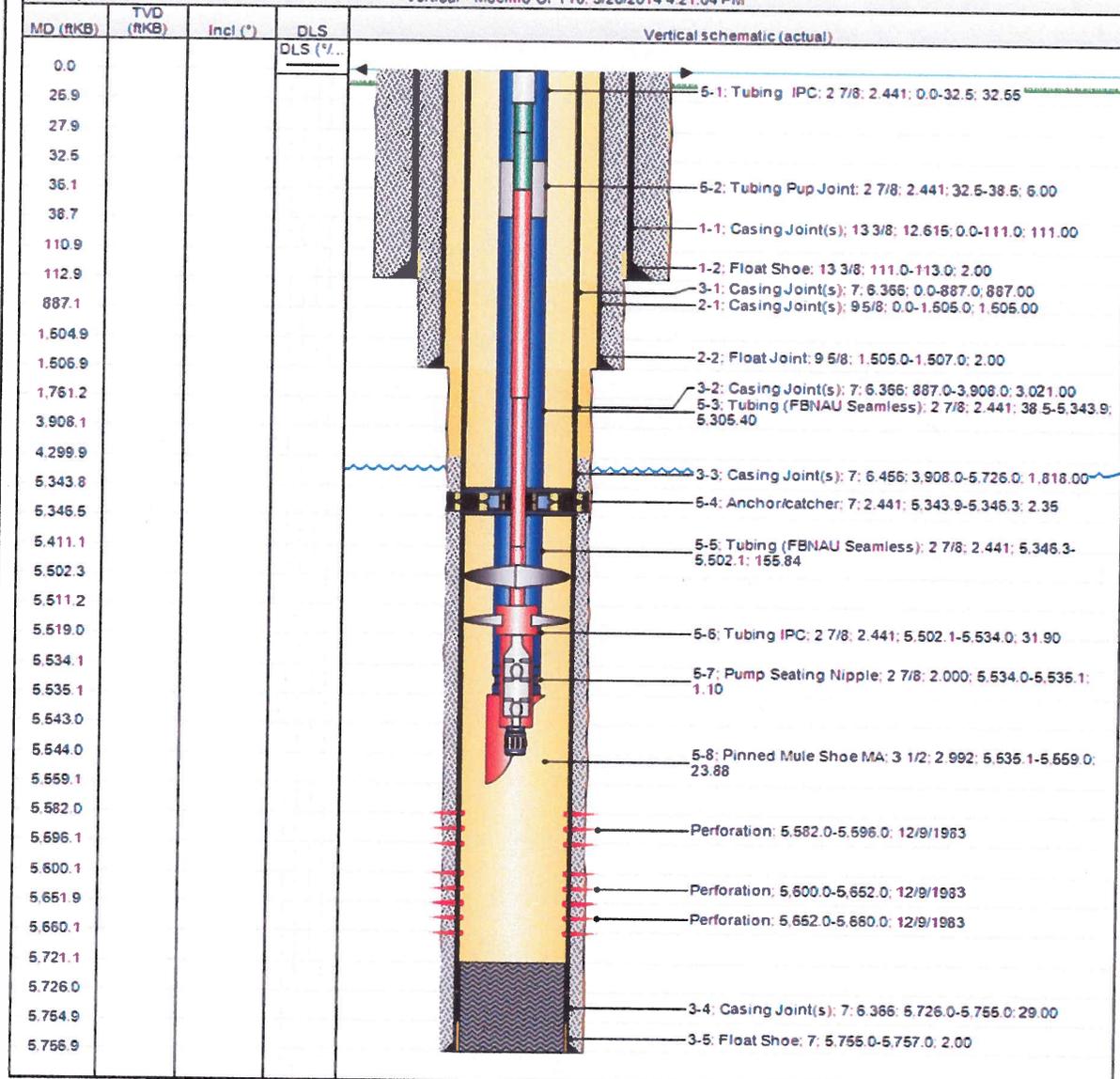
# Resolute

Well Name: MCU T-18

API Number 4303730781	Section 9	Qtr/Dir SW NE	Township 41S	Range 26E	Block	Reg Spud D/T/M 11/6/1983 00 00	Field Name McElmo Creek Unit	County San Juan	State Prov Utah	WVI (%) 71.25
<b>Most Recent Job</b>										
Job Category Completion/Workover		Primary Job Type Tubing Repair			Secondary Job Type			Start Date 12/26/2012		End Date 1/2/2013

TD: 5,757.0

Vertical - McElmo Cr T18, 5/26/2014 4:21:04 PM



<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> 14-20-603-359
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> NAVAJO  <b>7. UNIT or CA AGREEMENT NAME:</b> MCELMO CREEK
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> MCELMO CR T-18
<b>2. NAME OF OPERATOR:</b> RESOLUTE NATURAL RESOURCES	<b>9. API NUMBER:</b> 43037307810000
<b>3. ADDRESS OF OPERATOR:</b> 1675 Boradway Ste 1950 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 534-4600 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1774 FNL 3499 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNE Section: 09 Township: 41.0S Range: 25.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> GREATER ANETH  <b>COUNTY:</b> SAN JUAN  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>6/7/2014</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 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 checked="" type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text"/>

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

Resolute Natural Resources respectfully submits this sundry as notice of a casing repair on the above well. Attached are the procedures as well as before and after schematics.

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

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

By: Dark Ount

<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> 6/10/2014	

## Procedures

1. Pump a calcium carbonate pill to seal off the perforations and ensure the hole stands full
2. Spot a 100' cement plug from 5000' up (top of fish at 5354') tomorrow
3. WOC Sunday
4. Tag cement top, perform wellhead change
5. Pick up on/pull 7" down to apparent part at 1470'
6. Run mechanical cutter on workstring & cut & pull 7" casing from 1575' (mid joint)
7. Run back packoff overshot assembly on new 7" 23# J-55 casing & sting onto stub at 1575'
8. Land 7" and pressure test same from cmt plug back to surface
9. Drill out cement plug
10. Fish & recover the tbg & TAC fish, current top at 5354'
11. Cleanout to PBD & Acidize to remove CaCO<sub>3</sub> plug
12. Re-run tubing & bha
13. Run rods & pump & return to production.

# McELMO CREEK UNIT #T-18

GREATER ANETH FIELD

1774' FNL & 3499' FWL

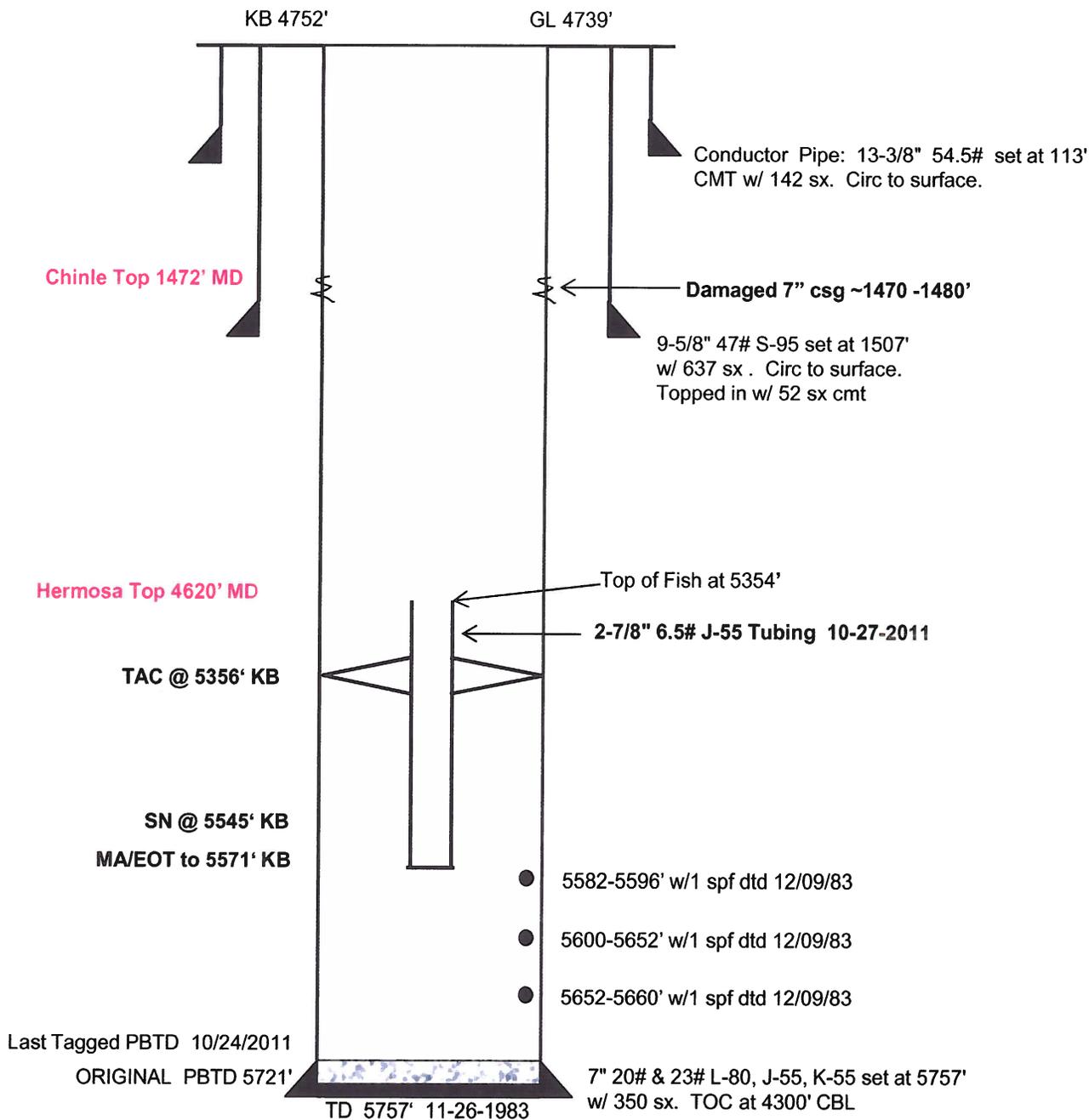
SEC 9-T41S-R25E

SAN JUAN COUNTY, UTAH

API 43-037-30781

PRISM 0000418

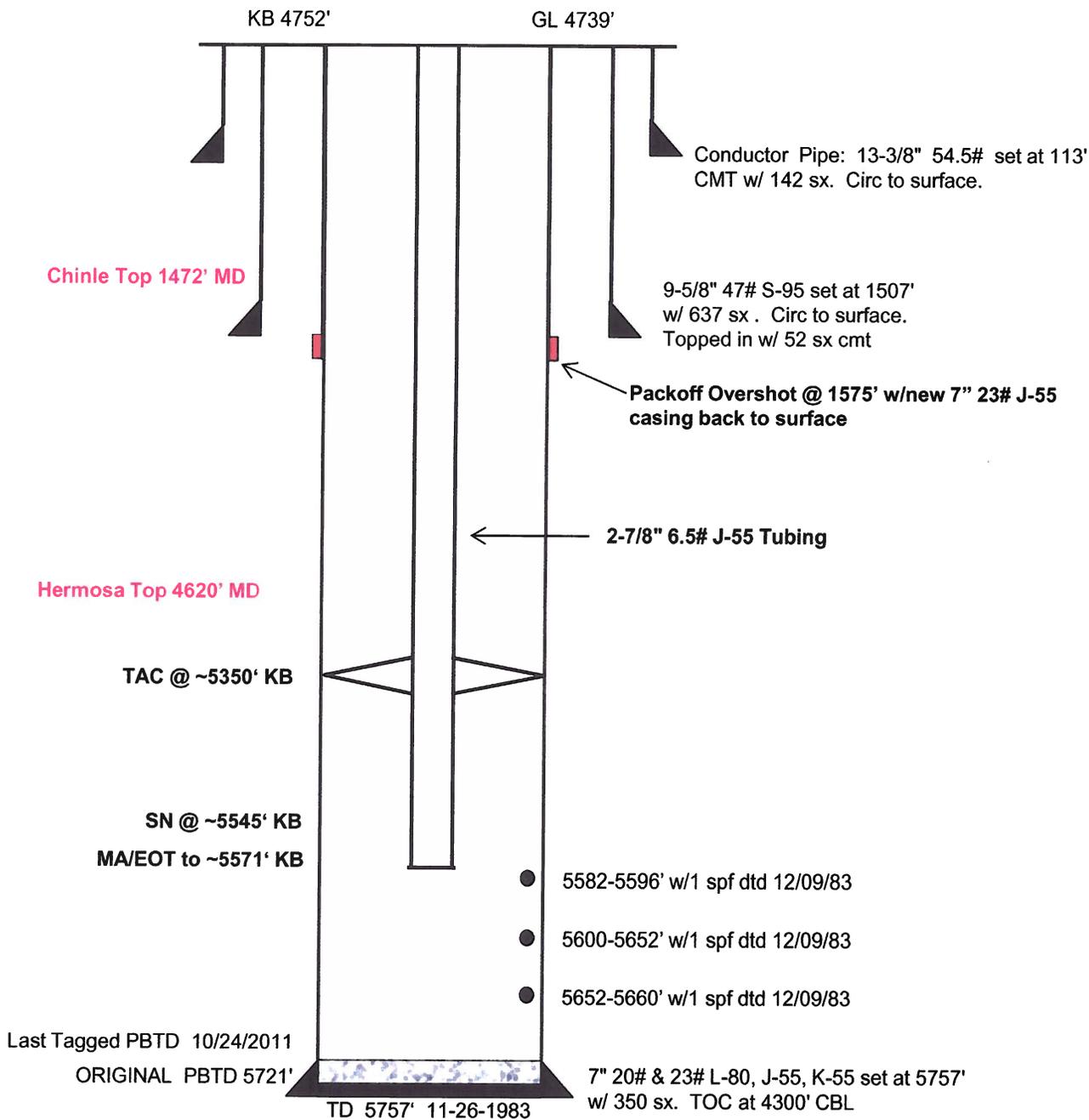
PRODUCER



# McELMO CREEK UNIT #T-18

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1774' FNL & 3499' FWL  
SEC 9-T41S-R25E  
SAN JUAN COUNTY, UTAH  
API 43-037-30781  
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PRODUCER



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-603-359
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> NAVAJO
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<b>3. ADDRESS OF OPERATOR:</b> 1700 Lincoln Street, Suite 2800 , Denver, CO, 80203 4535		<b>9. API NUMBER:</b> 43037307810000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1774 FNL 3499 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNE Section: 09 Township: 41.0S Range: 25.0E Meridian: S		<b>9. FIELD and POOL or WILDCAT:</b> GREATER ANETH
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<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/21/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
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	<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 casing repair on the above well was completed on 6/21/2014 according to previously submitted procedures.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**  
July 01, 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> 7/1/2014	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
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Resolute Natural Resources is submitting this sundry as notice that the casing repair on the above well was completed 6/21/2014 according to previously submitted procedures.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 July 22, 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> 7/1/2014	

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Resolute Natural Resources is submitting this sundry as notice that the casing repair was completed on 6/21/2014 according to previously submitted procedures

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 July 22, 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> 7/1/2014	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/2/2014  <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 checked="" type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> APD EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER                                  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 is submitting this Sundry as notice of the completion of the Casing Repair on the above well. Attached is the summary of the work completed and the updated schematic.		<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</b> August 08, 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> 7/7/2014	

**Activity Summary 5/28/14 – 7/2/14:**

**McElmo Creek Unit Producer T-18**

Resolute completed the tubing and 7" casing repair of MCU T-18 as follows:

Moved in WSU on 5/28/2014, expecting to do a tubing repair workover only. PT'd tubing to 1100 psi twice - leaked off to zero. Unseated pump & POOH w/rods & pump. Killed well, ND wellhead, attempt to release TAC at 5356' – unsuccessful. NU BOP/Hydril, RU Wireline & ran free point on tubing, ran chemical cutter & cut tubing at 1460'. RD Wireline. PU pkr & test BOP/Hydril – good test; LD pkr. POOH & LD 1460' of tubing. Made bit & scraper run to top of fish. PU 2 jts wash pipe, jars & DC's, tag at 1473', wash over tbg stub to 1480' w/o rotating; engage swivel & rotate to 1485'. Pull off bottom, unable to get back down to 1485'; swivel stalling, had to pull 12K to get loose. Lost circ, PU to 1466', regained circ, circulated hole clean, POOH. RIH overshot & latch tbg fish, PU 20K over string wt, RU WL & ran free point, ran chemical cutter & cut tubing at 5354'; RD WL; Pull to 70K & work tubing free; POOH & LD tubing.

RIH with 5.75", 6.125" & 6.25" swages, worked through tight area at 1487-1504'; can work down through but have drag pulling back up through this area.

June 4, 2014 Notified Stephen Mason/BLM via e-mail of casing damage in the well and outlined a tentative repair plan; current wellbore drawing was included. Learned the following day of Stephen's retirement & continued the dialogue from that point with Troy Salyers. Troy agreed that the Hermosa was adequately cemented (top at 4620') and that no further cementing was necessary at the Chinle (top at 1472'). He gave verbal approval to proceed with cutting & pulling 7" from below the problem section and replacing with new 7" from that depth back to surface. Resolute submitted a sundry notice of intent with this plan on June 6, 2014.

Rigged up Electric Line & ran casing inspection and GR-CBL logs from 5343' to surface. Csg inspection log indicates severe damage/possible absence of 7" csg from 1470-78'. CBL indicates top of 7" cement at 4300'. Both logs were provided to Troy Salyers/BLM on June 6.

RIH to 5343' with open ended workstring, pumped 30 bbls CaCO<sub>3</sub> pill at 100# CaCO<sub>3</sub>/bbl, displaced w/25 bbls water; POOH to 4317'. Re-ran 5.75" swage, jars & DC's to 1601', did not feel tight spot 1487-1504'. POOH & LD swage. RIH open ended to 4400' & spotted 4 bbls (101.8') cement in 7" casing. Circulated 10 ppg mud down 7" and up 9-5/8"; PU on 7" csg, cut off csg head & remove 7" slips; weld on new 9-5/8 csg head; NU tbg spool, B1 flange & backfill around wellhead.

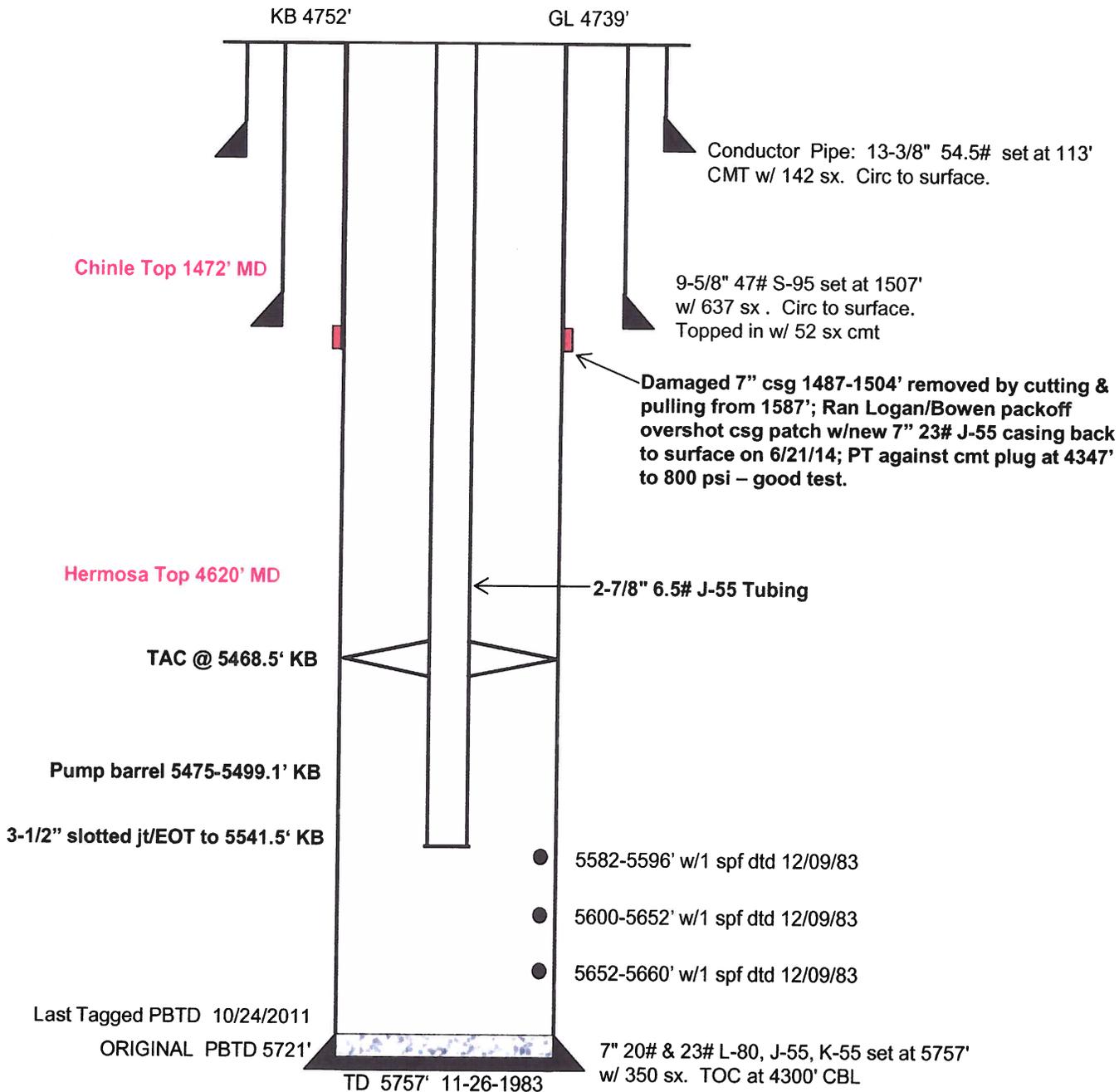
Rigged Wireline & ran free point on 7"; selected 1575' depth to cut casing. RD Wireline. Ran 5.75" OD mechanical csg cutter (did not feel tight spot 1487-1504') and attempted cut at 1575'. Torque fell from 250 to 50 psi; pulled cutter to check it – teeth indicated wear from cutting csg. Spear & PU on 7" – not coming free at 130K. Ru Wireline, Ran free point – indicates no cut at 1575'. RD WL. Attempted to run 5.75" jet cutter & chemical cutter on E-line, could not pass problem area; Re-ran 6.00" & 6.25" swages

# McELMO CREEK UNIT #T-18

GREATER ANETH FIELD  
1774' FNL & 3499' FWL  
SEC 9-T41S-R25E  
SAN JUAN COUNTY, UTAH  
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PRODUCER

**Final Wellbore 7-1-2014**



<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> 14-20-603-359
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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
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<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> MCELMO CR T-18
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<b>2. NAME OF OPERATOR:</b> RESOLUTE NATURAL RESOURCES	<b>9. API NUMBER:</b> 43037307810000
---	---

<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
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<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1774 FNL 3499 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNE Section: 09 Township: 41.0S Range: 25.0E Meridian: S	<b>COUNTY:</b> SAN JUAN  <b>STATE:</b> UTAH
---	---

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>1/20/2016</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 type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input checked="" type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

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

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

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

Date: January 13, 2016

By: *Dark 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> 1/12/2016	

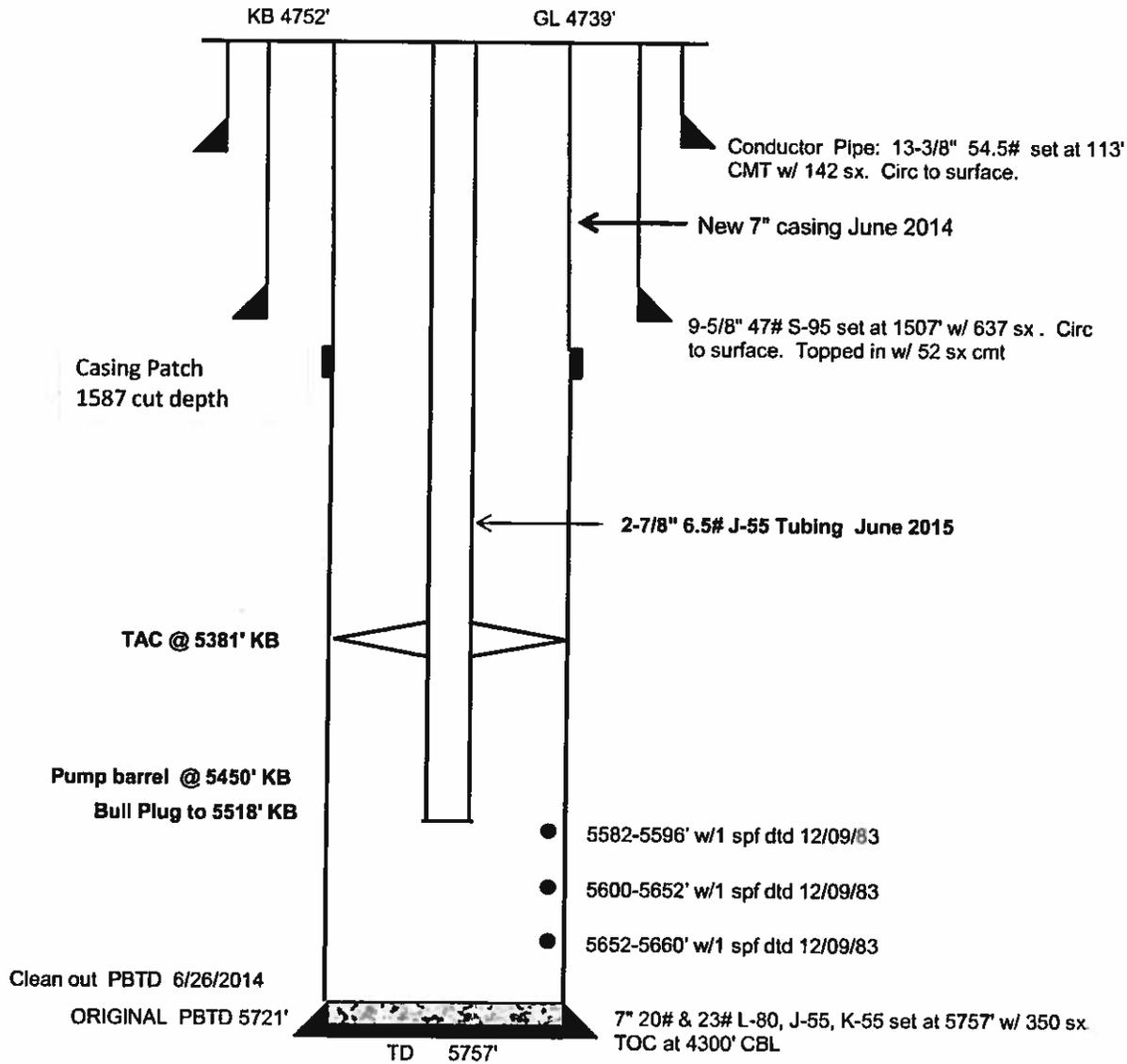
**Procedure**

**Horsley Witten: No**

1. MIRU WSU, LOTO,
2. Pressure test tubing to 1000 psig.
3. Kill well as necessary
4. POOH with rods. Stand back in derrick. Call Bill Albert (970) 371-9682 to inspect rods. If unavailable, contact Tech Support: Virgil Holly (435) 444-0020, or Nate Dee. Replace or re-run rods per inspection results.
5. Re-pressure test the tubing to confirm there is a leak.
6. ND WH. NU BOPE.
7. Release the TAC @ 5381' KB. Install a packer. Pressure test BOPE.
10. TOOH with tubing. Stand back.
11. Call and notify Bill Albert to inspect tubing. If unavailable, contact Virgil Holly or Nate Dee.
12. If tubing needs replaced, run YB, if available.
13. TIH with 3-1/2 slotted mud anchor , xover to 2-7/8", 2.25" pump barrel with 16' GA installed, four ft 70XT sub ; two joints 70XT 2-7/8", TAC, chemical injection port (if recommended) and 2-7/8 tubing and capstring to surface. Set TAC ~5380.
14. NDBOP, NUWH.
15. RIH with rods & plunger. Contact Tech Support for rod details.
16. Long stroke pump to test for good pumping action.
17. Leave enough polished rod for operators to correctly space pump as required.
18. Notify the Area Production Supervisor Terry Lee that well is ready to return to production.
19. RDMOL. Hook up appropriate chemical treatment.

**McELMO CREEK UNIT #T-18**  
**GREATER ANETH FIELD**  
**1774' FNL & 3499' FWL**  
**SEC 9-T41S-R25E**  
**SAN JUAN COUNTY, UTAH**  
**API 43-037-30781**

**PRODUCER**



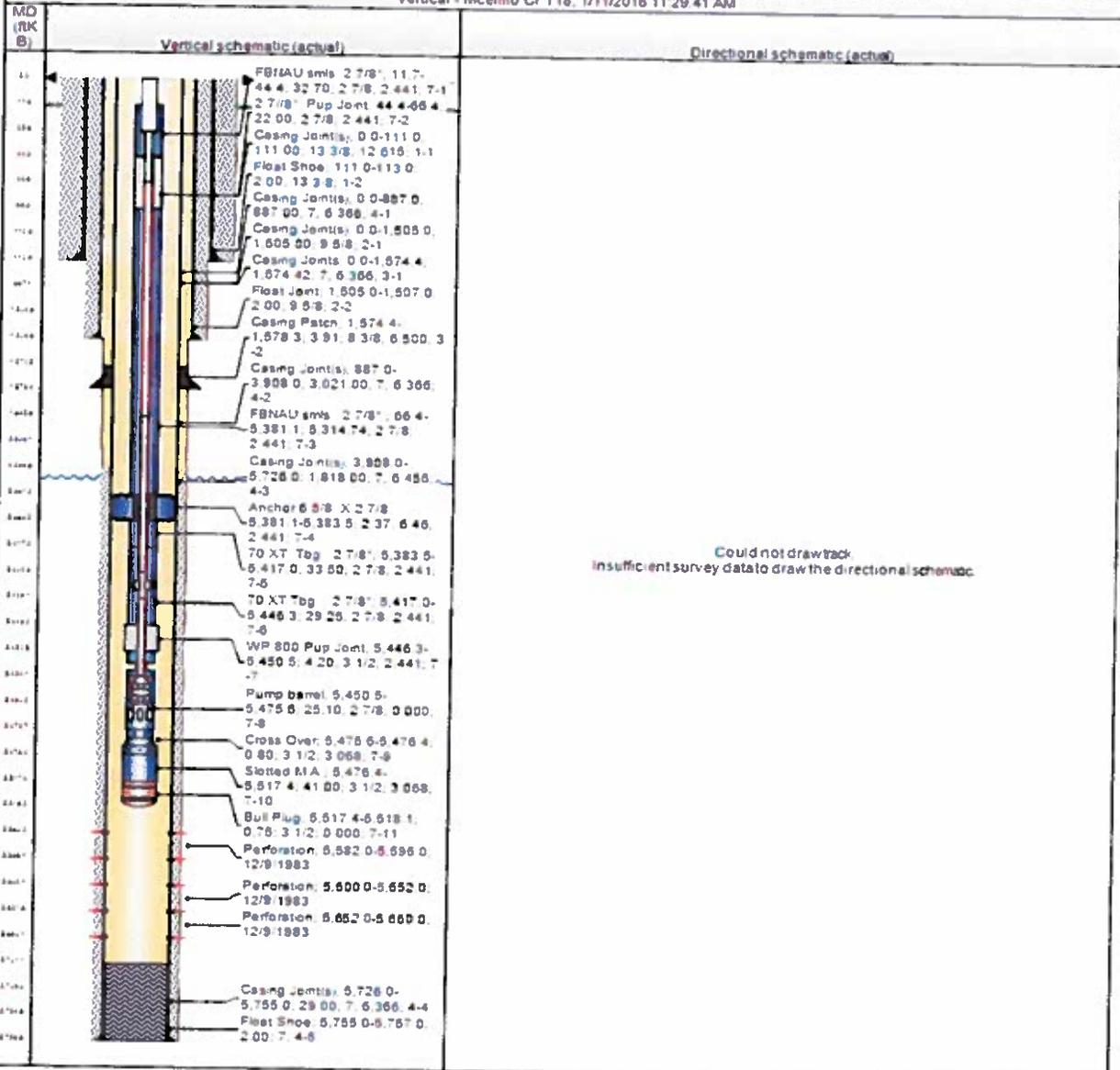
G.L.M. 12/06/02 MCU # T-18  
Updated 1/12/2016 RKS

# Resolute

Well Name: **MCU T-18**

API Number 4303730781	Factor 9	Drill SW NE	Section 41S	Range 26E	Block	Mag. Spd. (1/yr) 11-6-1983 20 30	Field Name McElmo Cr	County San Juan	State Utah	Depth 67.60
Most Recent Job										
Job Category										
Workover										
Secondary Job Type										
Tubing Repair										
Secondary Job Type										
BPT Date										
6/4/2015										
End Date										
TD: 5,757.0										

Vertical - McElmo Cr T-18, 1/11/2016 11:29:41 AM



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-603-359
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> NAVAJO
		<b>7. UNIT or CA AGREEMENT NAME:</b> MCELMO CREEK
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> MCELMO CR T-18	
<b>2. NAME OF OPERATOR:</b> RESOLUTE NATURAL RESOURCES	<b>9. API NUMBER:</b> 43037307810000	
<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> 1774 FNL 3499 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNE Section: 09 Township: 41.0S Range: 25.0E 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: 1/25/2016  <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"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input checked="" 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 type="checkbox"/> OTHER 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 that the tubing repair on the above well was completed on 1/25/16 according to previously approved procedures		
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY February 16, 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> 2/16/2016	

<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> 14-20-603-359
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> NAVAJO  <b>7. UNIT or CA AGREEMENT NAME:</b> MCELMO CREEK
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> MCELMO CR T-18
<b>2. NAME OF OPERATOR:</b> RESOLUTE NATURAL RESOURCES	<b>9. API NUMBER:</b> 43037307810000
<b>3. ADDRESS OF OPERATOR:</b> 1700 Lincoln Street, Suite 2800 , Denver, CO, 80203 4535	<b>PHONE NUMBER:</b> 303 534-4600 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1774 FNL 3499 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNE Section: 09 Township: 41.0S Range: 25.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> GREATER ANETH  <b>COUNTY:</b> SAN JUAN  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>12/20/2016</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 type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input checked="" type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text"/>

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

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

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

Date: ~~December 23, 2016~~

By:

<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> 12/13/2016	

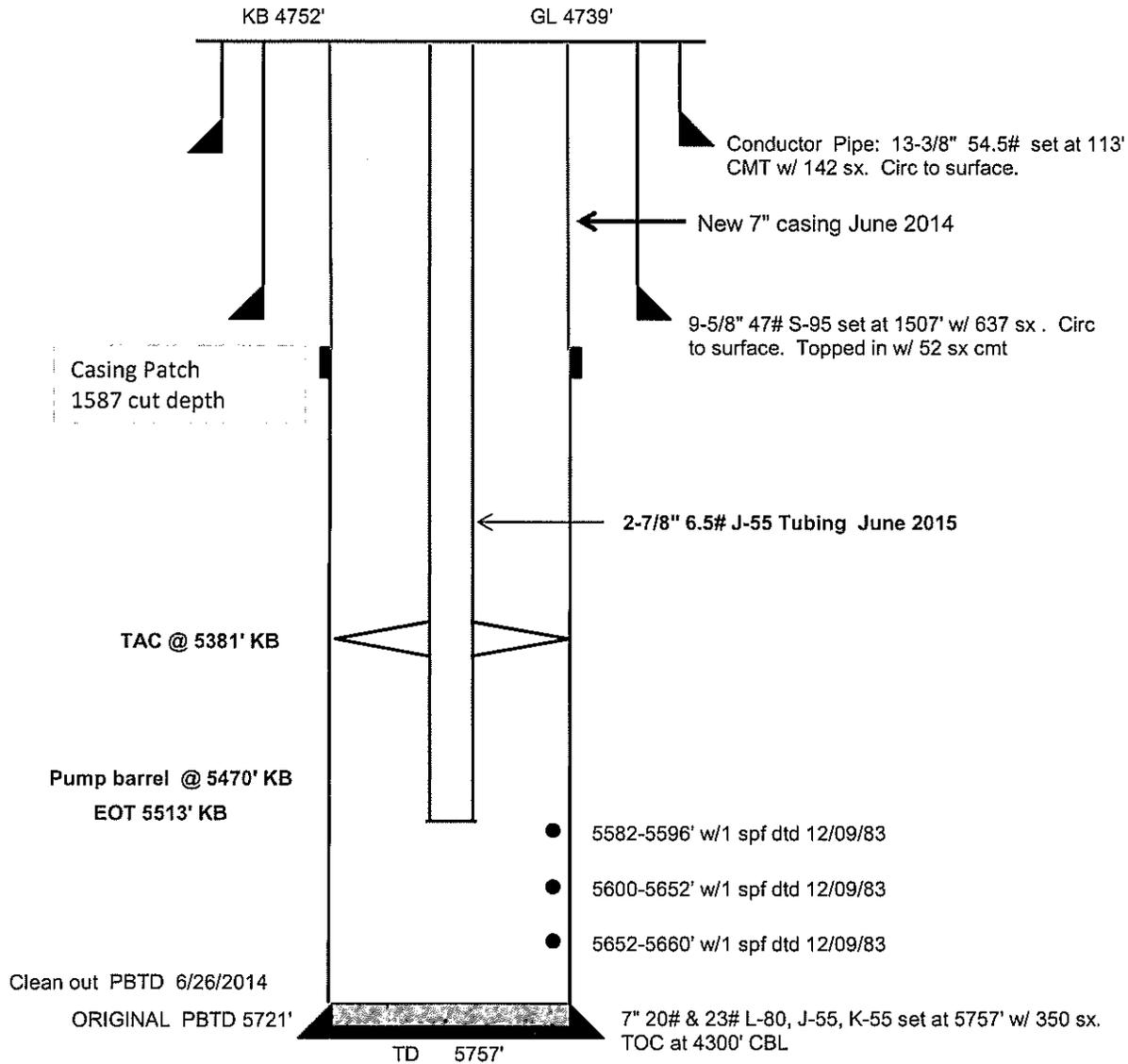
**Procedure**

**Horsley Witten: No**

1. MI Centrilift's portable VSD drive. Connect into existing power.
2. MIRU WSU, LOTO. Pressure test tubing to 1000 psig. Prior test failed.
3. Kill well as necessary
4. POOH with rods. LD. Store on location, if possible. Contact Tech Support, Virgil Holly or Nate Dee to perform rod inspection on ground.
5. Re-pressure test the tubing to confirm there is a leak.
6. ND WH. NU BOPE.
7. Release the TAC @ 5381' KB. Install a packer. Pressure test BOPE.
10. TOOH with tubing. Stand back. Looks for leak. Change out wellhead as necessary.
11. Call and notify Virgil Holly or Nate Dee to inspect tubing.
12. If tubing needs replaced, run new seamless, if available.
13. PU bit X scraper. Clean out to PBTD. POOH. MIRU wireline. Perforate from 5582 - 5596; 5600 - 5660; 5664 - 5668; and 5677 - 5682 with 4 SPF. POOH. RDMO wireline.
14. MIRU Centriflift. PU ESP from MCU S-18. Use existing seals if they are good. Otherwise, replace seals with new. MIRU cap string spoolers. RIH with ESP and capstring. Land pump at about 5450. Connect into temporary drive.
15. Perform necessary tests to ensure pump is set to run. Connect into flowline.
16. Notify the Area Production Supervisor Terry Lee that well is ready to return to production.
17. RDMOL. Hook up appropriate chemical treatment.

**McELMO CREEK UNIT #T-18**  
GREATER ANETH FIELD  
1774' FNL & 3499' FWL  
SEC 9-T41S-R25E  
SAN JUAN COUNTY, UTAH  
API 43-037-30781

PRODUCER



G.L.M. 12/06/02 MCU # T-18  
Updated 1/12/2016 RKS

Well Name: MCU T-18

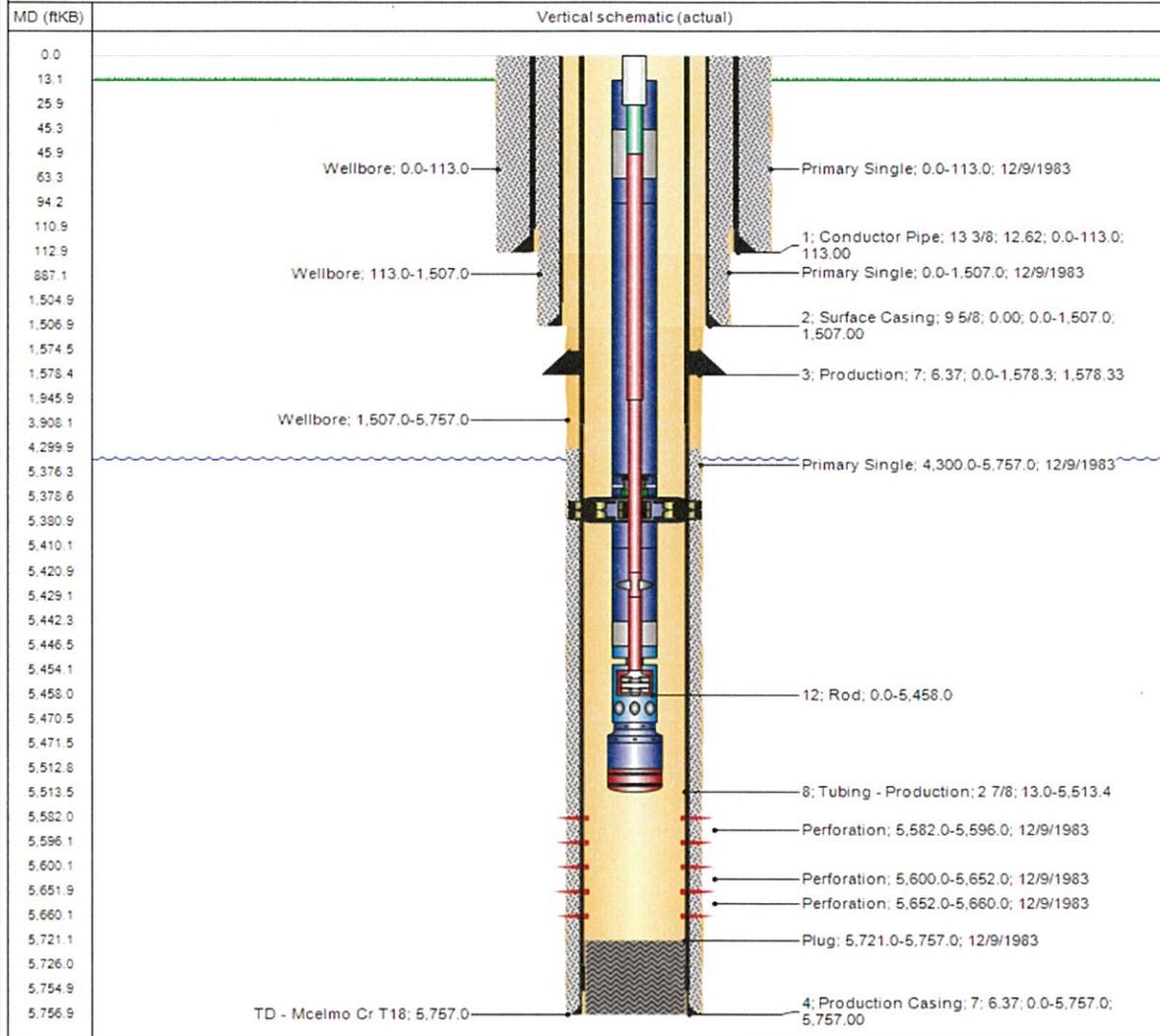
API Number 4303730781	Qtr/Gr SW NE	Field Name McElmo Creek Unit	State/Province Utah	Wellbore Config Vertical	Serial ID# 0847.01
Ground Elevation (ft) 4739	Casing Flange Elevation (ft)	KB-Ground Distance (ft) 13.00	KB-Casing Flange Distance (ft)	Regulatory Spud Date 11/6/1983 00:00	Rig Release DateTime

**Most Recent Job**

Job Category Workover	Primary Job Type Tubing Repair	Secondary Job Type	Start Date 1/18/2016	End Date 1/25/2016
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**Schematic**

Vertical - McElmo Cr T18, 12/8/2016 2:20:41 PM



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-603-359
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> NAVAJO
<b>1. TYPE OF WELL</b> Oil Well		<b>7. UNIT or CA AGREEMENT NAME:</b> MCELMO CREEK
<b>2. NAME OF OPERATOR:</b> RESOLUTE NATURAL RESOURCES		<b>8. WELL NAME and NUMBER:</b> MCELMO CR T-18
<b>3. ADDRESS OF OPERATOR:</b> 1700 Lincoln Street, Suite 2800 , Denver, CO, 80203 4535		<b>9. API NUMBER:</b> 43037307810000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1774 FNL 3499 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNE Section: 09 Township: 41.0S Range: 25.0E Meridian: S		<b>9. FIELD and POOL or WILDCAT:</b> GREATER ANETH
		<b>COUNTY:</b> SAN JUAN
		<b>STATE:</b> UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/18/2017	<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 checked="" 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 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 that the tubing repair on the above well was completed on 1/18/17 according to previously approved procedures

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
February 02, 2017**

<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> 1/25/2017	