

FILE NOTATIONS

Entered in NID File .....  
Location Map Pinned .....  
Card Indexed .....

Checked by Chief .....  
Approval Letter .....  
Disapproval Letter .....

COMPLETION DATA:

Water Well Completed *12/30/76* .....

Location Inspected .....

OW:..... WW:..... TA:.....

Bond released

GW:..... OS:..... PA:.....

State or Fee Land .....

LOGS FILED

Driller's Log.....

Electric Logs (No.) .....

F..... I..... Dual I Lat..... GR-N..... Mi-L.....

Sonic GR..... Lat..... Mi-L..... Sonic.....

Log..... CCLog..... Others.....

Date first production: *8/16/06*

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  
 THE SUPERIOR OIL COMPANY

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface 627' FNL, 1855' FWL, SEC. 8, T41S, R25E, SLB&M  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 2.1 Miles NW of Aneth, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 7900'

16. NO. OF ACRES IN LEASE

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. 1200'

19. PROPOSED DEPTH 5785

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 4925' Ungraded Ground Level

22. APPROX. DATE WORK WILL START\*  
 July 1, 1976

5. LEASE DESIGNATION AND SERIAL NO.  
 14-20-603-372

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 NAVAJO

7. UNIT AGREEMENT NAME  
 McELMO CREEK UNIT

8. FARM OR LEASE NAME

9. WELL NO.  
 MCU #0-17

10. FIELD AND POOL, OR WILDCAT  
 GREATER ANETH

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 SEC. 8, T41S, R25E

12. COUNTY OR PARISH  
 SAN JUAN

13. STATE  
 UTAH

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	1640'	To Surface
7-7/8"	5-1/2"	14 & 15.5#	5785'	250 Sacks

1. Drill 12-1/4" hole to 1640'. Set 8-5/8" casing to 1640' and cement to surface
2. Drill 7-7/8" hole through Desert Creek Zone I approximately 5785'
3. Log well.
4. Set 5-1/2" casing at 5785' and cement with 250 sacks.
5. Perforate Desert Creek and stimulate based on log evaluation.

This well is a part of 40 acre-infill drilling program now underway at McElmo Creek Unit.

APPROVED BY THE DIVISION OF  
 OIL, GAS, AND MINING  
 DATE: 6-10-76  
 BY: C.B. [Signature]

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 David G. Allison TITLE Engineer DATE June 2, 1976

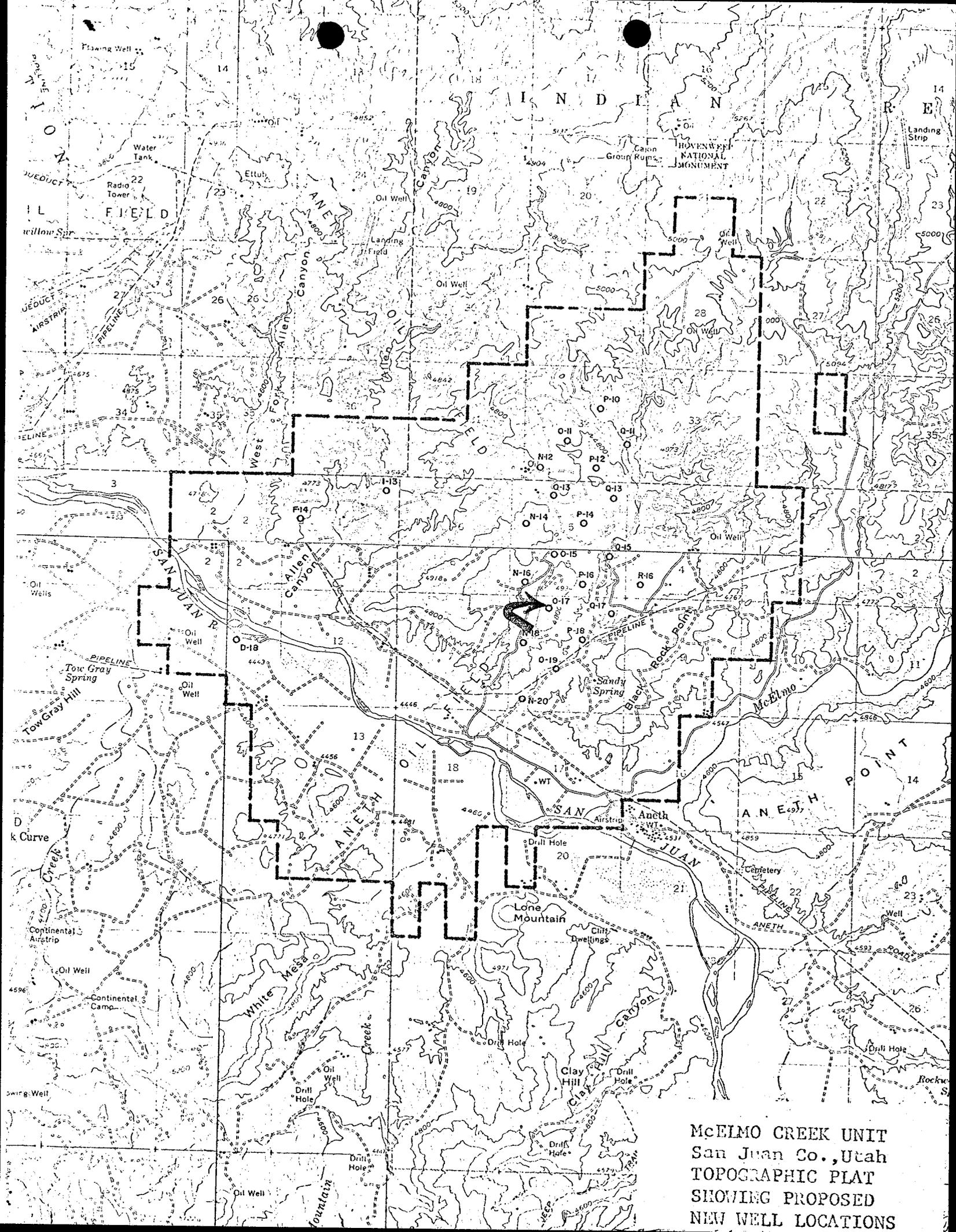
(This space for Federal or State office use)

PERMIT NO. 43-037-30289 APPROVAL DATE \_\_\_\_\_

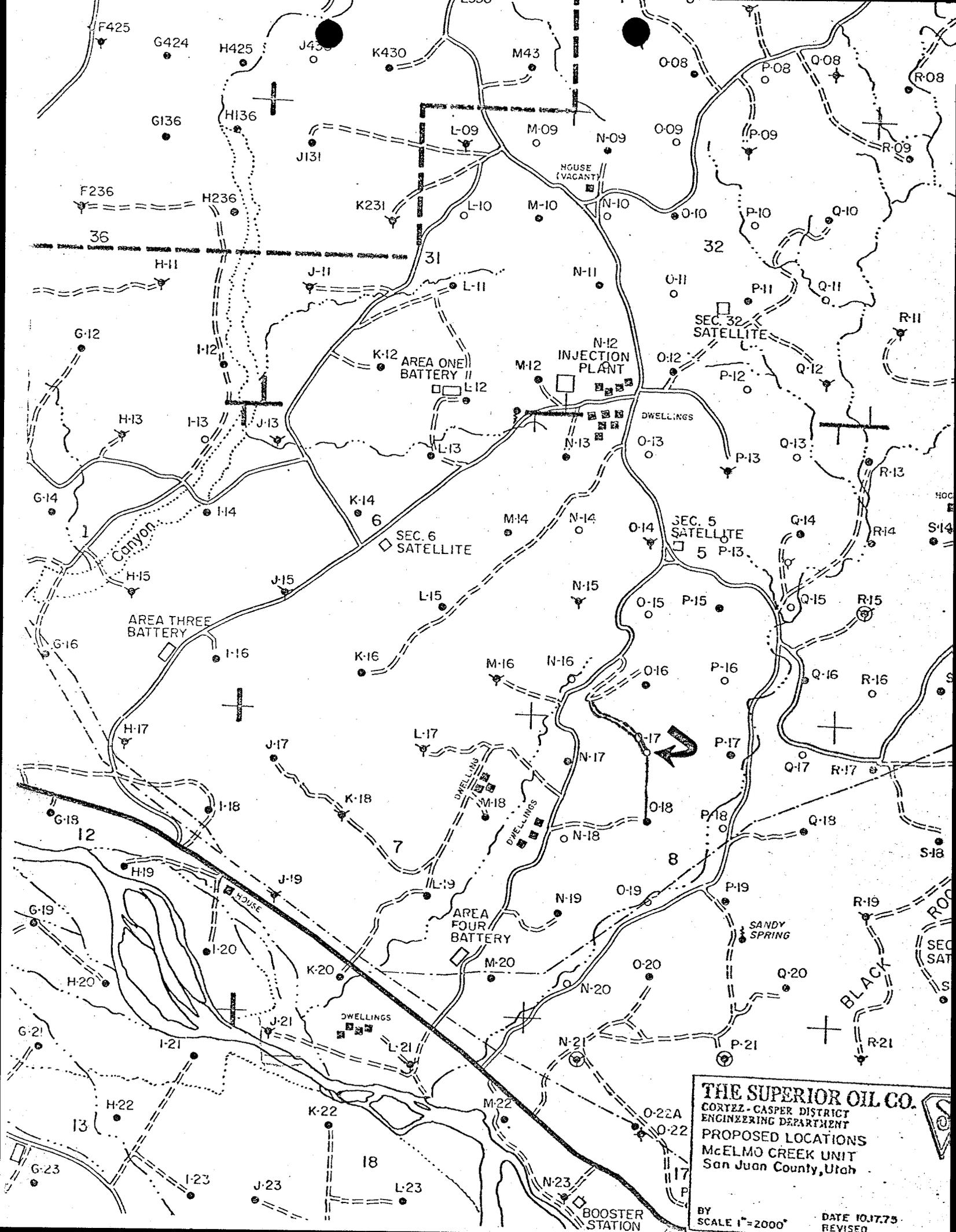
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

DGA/1h  
 Orig. + 3 - USGS, State (2), J. K. Lawson, D. H. Collins, J. M. Moter,  
 W. N. Mosley, W. J. Mann, Navajo Tribe, WIO, File  
 \*See Instructions On Reverse Side

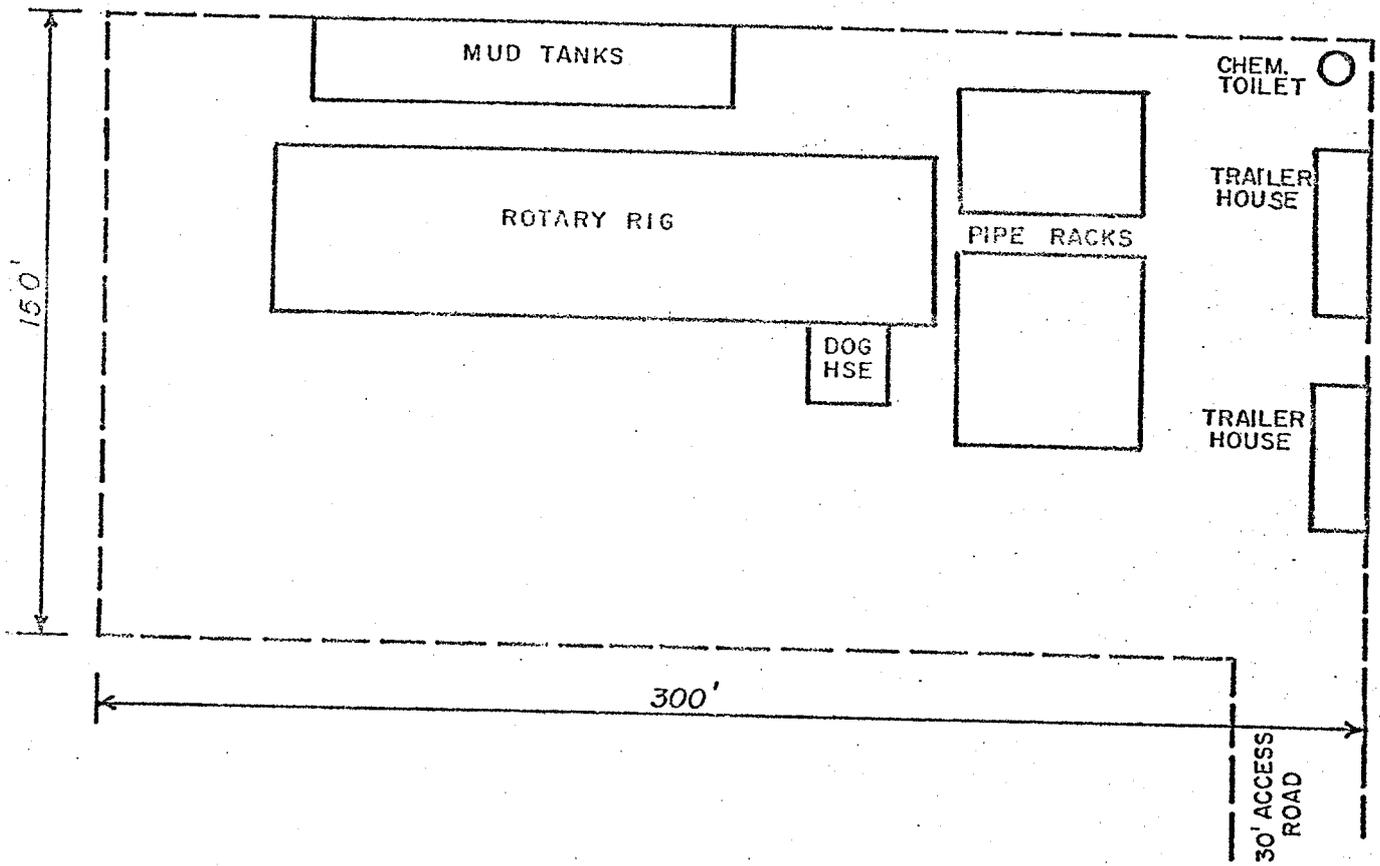
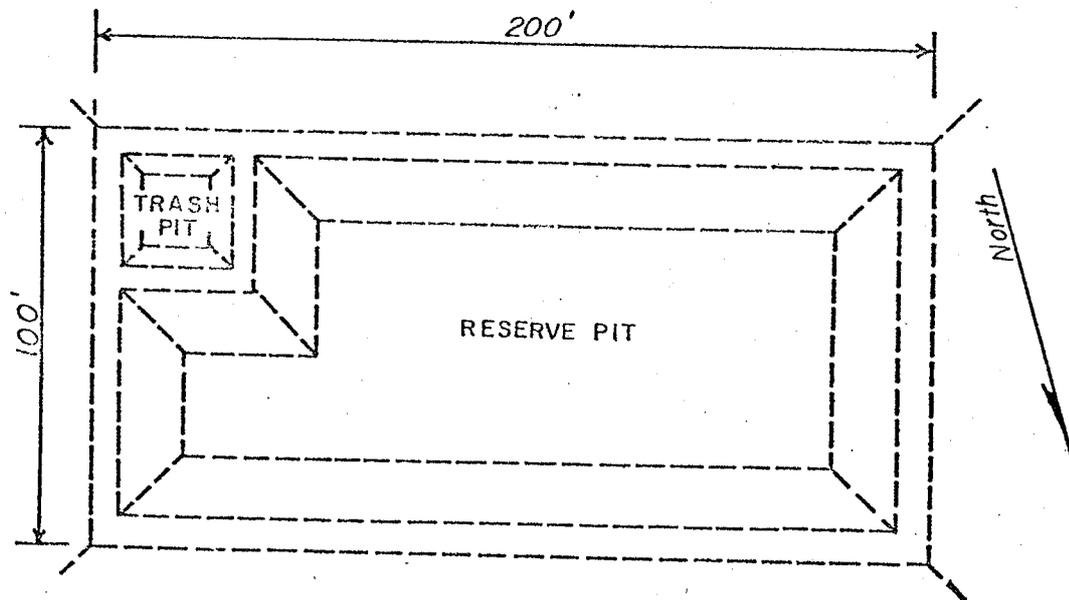


McELMO CREEK UNIT  
 San Juan Co., Utah  
 TOPOGRAPHIC PLAT  
 SHOWING PROPOSED  
 NEW WELL LOCATIONS



**THE SUPERIOR OIL CO.**  
 CORTEZ-CASPER DISTRICT  
 ENGINEERING DEPARTMENT  
**PROPOSED LOCATIONS**  
 McELMO CREEK UNIT  
 San Juan County, Utah

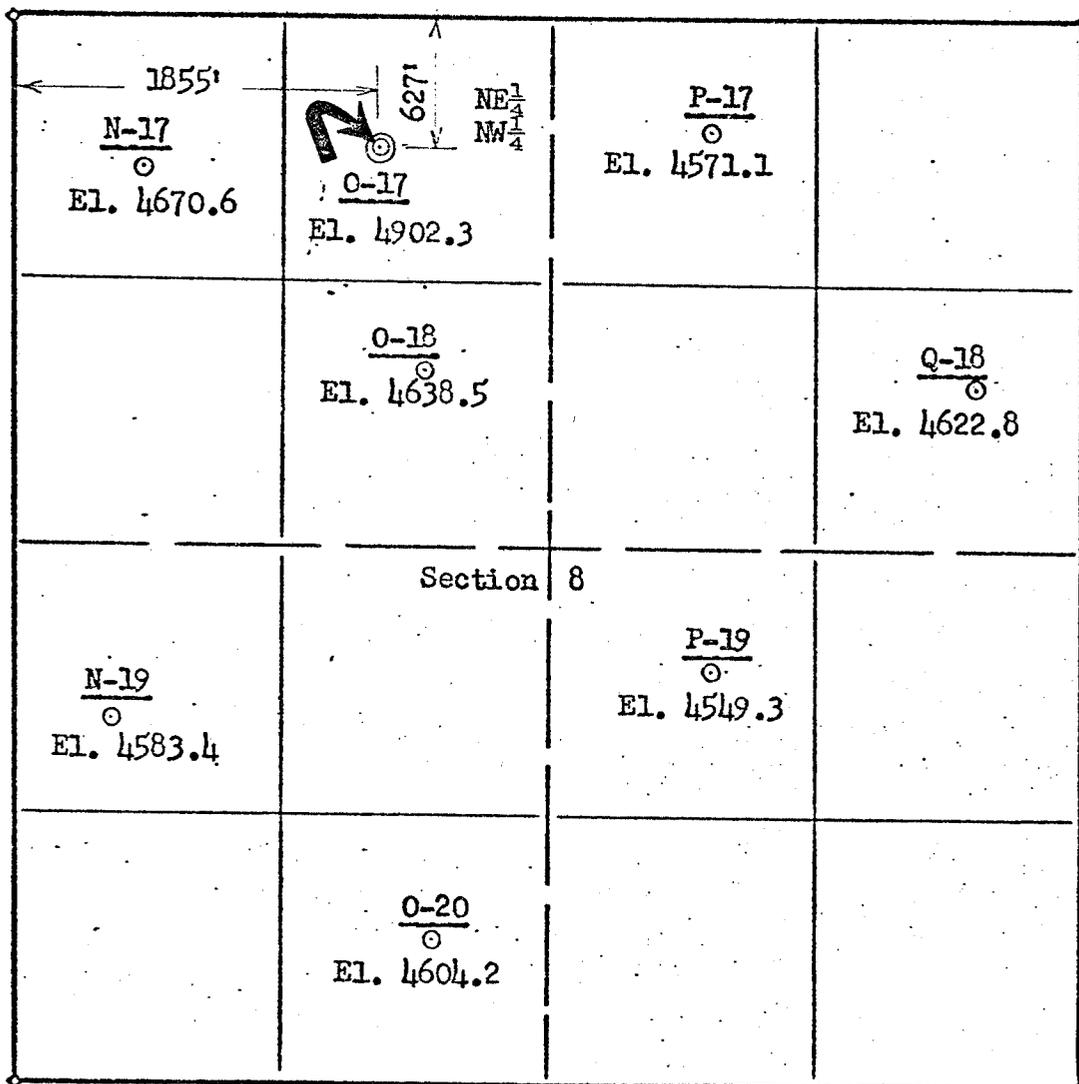
BY SCALE 1"=2000' DATE 10.17.73  
 REVISION



THE DRILLING PAD WILL BE GRADED AND COMPACTED,  
AND COMPOSED OF NATIVE MATERIALS.

**THE SUPERIOR OIL CO.**  
 RIG LAYOUT PLAT  
 MCU WELL No 0-17  
 McELMO CREEK UNIT  
 SAN JUAN CO., UTAH  
 BY \_\_\_\_\_ DATE 1.30.78  
 SCALE 1" = 50' REVISED

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



KNOW ALL MEN BY THESE PRESENTS:  
That I, Fredric P. Thomas,  
do hereby certify that I prepared this plat from an  
actual and accurate survey of the land 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.  
Colo. Reg. No. 6728

Bearing by  
solar  
observation

Scale: 1" = 1,000'  
0 500 1000



CLARK THOMAS Engineering Inc.

432 N. Broadway  
Cortez, Colorado  
565-7805

# THE SUPERIOR OIL COMPANY

P. O. DRAWER G

CORTEZ, COLORADO 81321

June 2, 1976

Mr. P. T. McGrath  
District Engineer  
U. S. Geological Survey  
P. O. Box 959  
Farmington, New Mexico 87401

RE: Surface Use Development Plan  
Proposed Well  
McElmo Creek Unit #0-17  
627' FNL, 1855' FWL  
Sec. 8, T41S, R25E  
San Juan County, Utah

Dear Mr. McGrath:

The "Surface Use Development Plan" for the proposed McElmo Creek Unit Well #0-17 is as follows:

1. The existing roads and the location of the main highway exit are shown on the attached USGS topographic map.
2. A new 1200' X 30' access road is required, as shown on the attached plat. The proposed road will run northwest to the location and will be of compacted sand and gravel.
3. The location and status of wells in the vicinity are shown on the attached plat.
4. Lateral roads in the vicinity of the proposed well are shown on the attached plat.
5. The location of existing tank batteries and flow lines are shown on the attached plat. The 2-1/2" flowline for the proposed well will run 1100' southerly to an existing flowline.
6. Water for drilling operations will be obtained from the San Juan River.
7. Waste materials will be collected in earth pits. When drilling operations are complete these earth pits will be backfilled and leveled to the contour of the original landscape.
8. 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. No permanent campsites are anticipated.

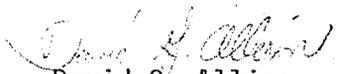


9. There will be no need for the construction of an airstrip.
10. The location and position of drilling equipment is shown on the attached plat. The drilling pad will be approximately at ground level. Native material from the immediate area will be used.
11. After the well is completed a 75' X 100' production pad will be constructed. All other disturbed areas not necessary to normal well maintenance will be returned as near as possible to the original contour that existed prior to the commencement of drilling operations.
12. The proposed drillsite is located on a sandstone outcrop in the foothills above the San Juan River. Vegetation consists of sparse desert type ground cover and Tamarisks. Blowout preventer equipment will be a 10" Series 600 with blind rams and drill pipe rams hydraulically and manually controlled. The blowout equipment will be tested at regular intervals.

There are no Indian habitations or artifacts in the immediate vicinity of the proposed drillsite, access road or flowline.

Very truly yours,

THE SUPERIOR OIL COMPANY

  
David G. Allison

DGA/1h

DIVISION OF OIL, GAS, AND MINING

*cl*

\*FILE NOTATIONS\*

Date: June 10 -

Operator: Superior Oil Co.

Well No: McClure Creek 0-17

Location: Sec. 8 T. 41 S R. 25 E County: San Juan

File Prepared  Entered on N.I.D.

Card Indexed  Completion Sheet

Checked By:

Administrative Assistant: *[Signature]*

Remarks:

Petroleum Engineer/Mined Land Coordinator: *[Signature]*

Remarks:

Director: *[Signature]*

Remarks:

Include Within Approval Letter:

Bond Required  Survey Plat Required

Order No.  Blowout Prevention Equipment

Rule C-3(c) Topographical exception/company owns or controls acreage within a 660' radius of proposed site

O.K. Rule C-3  O.K. In McClure Unit

Other:

Approved  
Letter Written

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau No. 42-10714  
Approval expires 12-31-69.

ALLOTTEE \_\_\_\_\_  
Tribe Navajo  
LEASE NO. 14-20-603-372

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State UTAH County San Juan Field MC ELMO CREEK FIELD

The following is a correct report of operations and production (including drilling and producing wells) for the month of July, 1976.

Agent's address P. O. Box 71 Company THE SUPERIOR OIL COMPANY  
Conroe, TEXAS 77301

Phone (713) 539-1771 Signed [Signature]  
Agent's title Petroleum Engineer

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; also add result of test for gasoline content of gas)
Sec. 4 SW-SW	41S	25E	R-16							7-31-76 Drilling
Sec. 5 SW-NW	41S	25E	N-14							TD 5740' 7-31-76 Testing
NE-NW	41S	25E	O-13							TD 5675' 7-31-76 Testing
NE-SW	41S	25E	O-15							TD 5580' 7-31-76 Testing
SW-SE	41S	25E	P-16							TD 5499' 7-31-76 Testing
NE-NE	41S	25E	Q-13							TD 5620' 7-31-76 Testing
NE-SE	41S	25E	Q-15							7-31-76 Drilling
Sec. 8 SW-NW	41S	25E	N-18							TD 5507' 7-31-76 Testing
SW-SW	41S	25E	N-20							7-31-76 Waiting on Rig
NE-NW	41S	25E	O-17							7-31-76 Completing
NE-NE	41S	25E	Q-17							7-31-76 Drilling
Sec. 32 SW-SW	40S	25E	N-12							TD 5688' 7-31-76 Completing
NE-SW	40S	25E	O-11							TD 5715' 7-31-76 Testing
SW-NE	40S	25E	P-10							TD 5900' 7-31-76 Testing
SW-SE	40S	25E	P-12							TD 5640' 7-31-76 Testing
NE-SW	40S	25E	Q-11							TD 5690' 7-31-76 Testing

NOTE.—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M. cu. ft. of gas sold;

\_\_\_\_\_ runs or sales of gasoline during the month. (Write "no" where applicable.)  
NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

ALLOTTEE \_\_\_\_\_  
TRIBE Navajo  
LEASE NO. 14-20-603-372

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State UTAH County San Juan Field MC ELMO CREEK FIELD

The following is a correct report of operations and production (including drilling and producing wells) for the month of August, 1976,

Agent's address P. O. Box 71 Company THE SUPERIOR OIL COMPANY  
Conroe, TEXAS 77301 Signed \_\_\_\_\_

Phone (713) 539-1771 Agent's title Petroleum Engineer

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	DAYS Produced	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 4 SW-SW	41S	25E	R-16							TD 5674' 8-31-76. Completing
Sec. 5 SW-NW	41S	25E	N-14							TD 5740' 8-31-76 Testing
NE-NW	41S	25E	O-13							TD 5675' 8-31-76 Testing
NE-SW	41S	25E	O-15							TD 5580' 8-31-76 Testing
SW-SE	41S	25E	P-16							TD 5499' 8-31-76 Testing
NE-NE	41S	25E	Q-13							TD 5620' 8-31-76 Testing
NE-SE	41S	25E	Q-15							TD 5470' 8-31-76 Testing
Sec. 8 SW-NW	41S	25E	N-18							TD 5507' 8-31-76 Testing
SW-SW	41S	25E	N-20							8-31-76 Drilling
NE-NW	41S	25E	O-17							8-31-76 Testing
NE-NE	41S	25E	Q-17							8-31-76 Drilling
Sec. 18 NE-NW	41S	25E	K-21							8-31-76 Drilling
NE-NE	41S	25E	M-21							8-31-76 Waiting on Rig
Sec. 32 SW-NW	40S	25E	N-10							8-31-76 Waiting on Rig
SW-SW	40S	25E	N-12							TD 5688' 8-31-76 Testing

NOTE.—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M. cu. ft. of gas sold;

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

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

ALLOTTEE .....  
TRISE ..... Navajo .....  
LEASE NO. 14-20-603-372 .....

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State UTAH County SAN JUAN Field MC ELMO CREEK

The following is a correct report of operations and production (including drilling and producing wells) for the month of November, 1976,

Agent's address P. O. Box 71 Company THE SUPERIOR OIL COMPANY  
Conroe, TEXAS 77301

Phone (713) 539-1771 Signed [Signature] Agent's title Petroleum Engineer

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	Date Permitted	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, no state)	REMARKS (If drilling, depth; if shut down, cause; date and amount of test; for gasoline content of test)
Sec. 7										
SW-NW	41S	25E	J-18							TD 5460' 11-30-76 Completing
NE-NW	41S	25E	K-17							11-30-76 Waiting on Rig
NE-SW	41S	25E	K-19							11-30-76 Waiting on Rig
SW-NE	41S	25E	L-18							TD 5510' 11-30-76 Testing
SW-SE	41S	25E	L-20							TD 5365' 11-30-76 Testing
NE-NE	41S	25E	M-17							TD 5555' 11-30-76 Testing
SE-NE	41S	25E	M-19							TD 5435' 11-30-76 Testing
Sec. 8										
SW-NW	41S	25E	N-18							TD 5507' 11-30-76 Testing
<del>NE-NW</del>	41S	25E	O-17							TD 5768' 11-30-76 Testing
NE-NE	41S	25E	Q-17							TD 5616' 11-30-76 Testing
Sec. 18										
NE-NE	41S	25E	M-21							11-30-76 Waiting on Rig
Sec. 32										
SW-NW	40S	25E	N-10							11-30-76 Waiting on Rig
SW-SW	40S	25E	N-12							TD 5688' 11-30-76 Testing
NE-SW	40S	25E	O-11							TD 5715' 11-30-76 Testing
SW-NE	40S	25E	P-10							TD 5900' 11-30-76 Testing

NOTE.—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M. cu. ft. of gas sold;

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

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

ALLOTTEE .....  
TRIG ..... Navajo .....  
LEASE NO. 14-20-603-372

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State UTAH County SAN JUAN Field MC ELMO CREEK

The following is a correct report of operations and production (including drilling and producing wells) for the month of December, 1976,

Agent's address P. O. Box 71 Company THE SUPERIOR OIL COMPANY  
Conroe, TEXAS 77301

Phone (713) 539-1771 Signed \_\_\_\_\_  
Agent's title Petroleum Engineer

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (in thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (if none, so state)	REMARKS (If drilling, depth of shut down, cause; date and result of test for gasoline content of gas)
Cont. Sec. 6 SW-SE	41S	25E	L-16							12-31-76 Drilling
NE-NE	41S	25E	M-13							TD 5515' 12-31-76 Testing
NE-SE	41S	25E	M-15							TD 5630' 12-31-76 Testing
Sec. 7 SW-NW	41S	25E	J-18							TD 5460' 12-31-76 Completing
NE-NW	41S	25E	K-17							12-31-76 Drilling
NE-SW	41S	25E	K-19							12-31-76 Drilling
SW-NE	41S	25E	L-18							TD 5510' 12-31-76 Testing
SW-SE	41S	25E	L-20							TD 5365' 12-31-76 Testing
NE-NE	41S	25E	M-17							TD 5555' 12-31-76 Testing
SE-NE	41S	25E	M-19							TD 5435' 12-31-76 Testing
Sec. 8 SW-NW	41S	25E	N-18							TD 5507' 12-31-76 Testing
NE-NW	41S	25E	O-17							TD 5768' 12-31-76 Testing

NOTE.—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M. cu. ft. of gas sold; \_\_\_\_\_ runs or sales of gasoline during the month. (Write "no" where applicable.)

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 42-R714

LESSEE'S MONTHLY REPORT OF OPERATIONS

ALLOTTEE \_\_\_\_\_  
TRIBE Navajo  
LEASE No. 14-20-603-372

State UTAH County SAN JUAN Field MC ELMO CREEK  
The following is a correct report of operations and production (including drilling and producing wells) for the month of January, 1977,  
Agent's address P. O. Box 71  
Conroe, TEXAS 77301

Company THE SUPERIOR OIL COMPANY  
Phone (713) 539-1771 Signed [Signature]  
Agent's title Petroleum Engineer

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (in thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (if none, so state)	REMARKS (If drilling, detail if shut down, cause; date and result of test for gasoline content of gas)
Sec. 7 SW-NW	41S	25E	J-18							
NE-SW	41S	25E	K-19							TD 5460' 1-31-77 Completing
SW-NE	41S	25E	L-18							TD 5415' 1-31-77 Completing
SW-SE	41S	25E	L-20							TD 5510' 1-31-77 Testing
NE-NE	41S	25E	M-17							TD 5365' 1-31-77 Testing
SE-NE	41S	25E	M-19							TD 5555' 1-31-77 Testing
Sec. 8 SW-NW	41S	25E	N-18							TD 5435' 1-31-77 Testing
NE-NW	41S	25E	O-17							TD 5507' 1-31-77 Completing
NE-NE	41S	25E	O-17							TD 5768' 1-31-77 Testing
Sec. 18 NE-NE	41S	25E	M-21							TD 5616' 1-31-77 Completing
NE-SE	41S	25E	M-23							1-31-77 Waiting on Rig
Sec. 31 SW-SW	40S	25E	J-12							1-31-77 Drilling
										TD 5479' 1-31-77 Completing

NOTE.—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M. cu. ft. of gas sold;  
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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

ALLOTTEE \_\_\_\_\_  
TRIBE Navajo  
LEASE NO. 14-20-603-372

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State UTAH County SAN JUAN Field MC ELMO CREEK  
The following is a correct report of operations and production (including drilling and producing wells) for the month of February, 1977,  
Agent's address P. O. Box 71 Company THE SUPERIOR OIL COMPANY  
Conroe, TEXAS 77301 Signed [Signature]  
(713) 539-1771 Agent's title Petroleum Engineer

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (in thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
CONT. SW-SE	41S	25E	L-20							TD 5365' 2-28-77 Testing
NE-NE	41S	25E	M-17							TD 5555' 2-28-77 Testing
SE-NE	41S	25E	M-19							TD 5435' 2-28-77 Testing
<u>Sec. 8</u> NE-NW	41S	25E	O-17							TD 5768' 2-28-77 Testing
<u>Sec. 18</u> SW-NW	41S	25E	J-22							2-28-77 Drilling
NE-SW	41S	25E	K-23							TD 5421' 2-28-77 Completing
SW-NE	41S	25E	L-22							2-28-77 Drilling
NE-NE	41S	25E	M-21							2-28-77 Drilling
NE-SE	41S	25E	M-23							TD 5409' 2-28-77 Testing
<u>Sec. 31</u> SW-SW	40S	25E	J-12							TD 5479' 2-28-77 Testing
<u>Sec. 32</u> SW-NW	40S	25E	N-10							TD 5865' 2-28-77 Completing
SW-SW	40S	25E	N-12							TD 5688' 2-28-77 Completing

NOTE.—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M. cu. ft. of gas sold;

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

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY

ALLOTTEE .....  
 TRIBE Navajo  
 LEASE NO. 14-20-603-372

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State UTAH County SAN JUAN Field MC ELMO CREEK

The following is a correct report of operations and production (including drilling and producing wells) for the month of March, 1977,

Agent's address P. O. Box 71 Company THE SUPERIOR OIL COMPANY  
Conroe, TEXAS 77301

Signed *P. C. [Signature]*

Phone 713-539-1771 Agent's title Petroleum Engineer

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF CAEOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 8 NE-NW	41S	25E	O-17							TD 5768' 3-31-77 Testing
Sec. 18 SW-NW	41S	25E	J-22							TD 5422' 3-31-77 Testing
NE-SW	41S	25E	K-23							TD 5421' 3-31-77 Testing
SW-NE	41S	25E	L-22							TD 5501' 3-31-77 Completing
SW-SE	41S	25E	L-24							TD 5432' 3-31-77 Completing
NE-NE	41S	25E	M-21							TD 5470' 3-31-77 Testing
NE-SE	41S	25E	M-23							TD 5409' 3-31-77 Testing
Sec. 31 SW-NE	40S	25E	L-10							3-31-77 Drilling
NE-NE	40S	25E	M-09							3-31-77 Drilling
NE-SW	40S	25E	Q-11							TD 5690' 3-31-77 Testing

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

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other In-  
structions on  
reverse side)

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

3

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

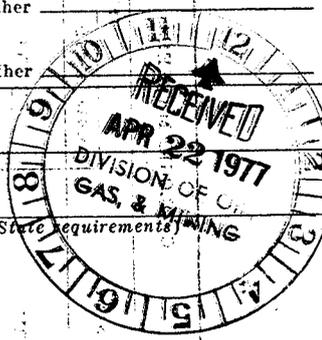
1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other

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

2. NAME OF OPERATOR  
THE SUPERIOR OIL COMPANY

3. ADDRESS OF OPERATOR  
Post Office Box 71, Conroe, Texas 77301

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
At surface 627' FNL, 1855' FWL Sec. 8  
At top prod. interval reported below Same  
At total depth Same



5. LEASE DESIGNATION AND SERIAL NO.  
14-20-603-372

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Navajo

7. UNIT AGREEMENT NAME  
Mc Elmo Creek Unit

8. FARM OR LEASE NAME  
Mc Elmo Creek

9. WELL NO.  
MCU #0-17

10. FIELD AND POOL, OR WILDCAT  
Greater Aneth

11. SEC. T. R., M., OR BLOCK AND SURVEY OR AREA  
Sec. 8, T41S, R25E

12. COUNTY OR PARISH  
San Juan

13. STATE  
Utah

15. DATE SPUDDED 07-12-76 16. DATE T.D. REACHED 07-27-76 17. DATE COMPL. (Ready to prod.) 12-30-76 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 4920' KB 19. ELEV. CASINGHEAD 4906'

20. TOTAL DEPTH, MD & TVD 5768' 21. PLUG, BACK T.D., MD & TVD 5767' 22. IF MULTIPLE COMPL., HOW MANY\* --- 23. INTERVALS DRILLED BY ROTARY TOOLS 0' - 5768' CABLE TOOLS None

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 5690 - 5760' Desert Creek Zone 1 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
Compensated Neutron - Formation Density 27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24	1660'	12 1/4	900 sxs class B	none
5 1/2	14 & 15.5	5768'	7 7/8	250 sxs class B	none

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	5765'	None

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

INTERVAL	SIZE	AMOUNT AND KIND OF MATERIAL USED
5690 - 5717'	(2 jets/ft)	
5730 - 60'	(2 jets/ft)	
5730-60'		10,000 gal. 28% HCl acid
5690 - 5717'		9,000 gal. 28% HCl acid

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
08-16-76	Pumping 1 3/4 Rod Pump	Producing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
04-15-77	24	N/A	→	36	No Test	36	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
100	0	→	36	No Test	36	41.4	

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

35. LIST OF ATTACHMENTS  
Logs

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

SIGNED C. C. Garrett TITLE Operations Engineer DATE 04-19-77

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

# 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.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			No Cores or DST's	Ismay	5549'	
				Gothic Shale	5678'	
				Desert Creek	5686'	

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

\*See instruction b spaces for Additional Data on (Reverse)

orig file  
cc R. Firth

# Mobil Oil Corporation

P.O. BOX 5444  
DENVER, COLORADO 80217

January 14, 1985

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

RECEIVED

FEB 01

Attention: Ms. Dianne Nielson, Director

DIVISION OF OIL  
GAS & MINING

RE: NOTICES TO SUPERIOR OIL COMPANY

Dear Ms. Nielson:

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

Effective January 1, 1985, ~~Mobil Oil Corporation began acting on behalf of the Superior Oil Companies as service contractor, for the purpose of performing~~

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

PERMITS ONLY

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

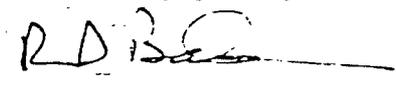
(303) 298-2577

RON

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

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

Very truly yours,



R. D. Baker  
Environmental & Regulatory Manager - West

Enclosure

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

PROPERTY NAME	WELL NAME	COUNTY	STATE	SEC	TWNSHP	RNG	WELL TYPE	API NUMBER	FEDERAL LEASE NUMBER	STATE NUMBER	UNIT NUMBER
MC ELMO CREEK	0-11	SAN JUAN	UT	NE	SW	32-40S-25E	PROD OP	43-037-30282	14-20-603-372		96-004190
	0-12	SAN JUAN	UT	SE	SW	32-40S-25E	INJ OP	43-037-16371	14-20-603-372		96-004190
	0-13	SAN JUAN	UT	NE	NW	05-41S-25E	PROD OP	43-037-30280	14-20-603-372		96-004190
	0-14	SAN JUAN	UT	SE	NW	05-41S-25E	INJ OP	43-037-16365	14-20-603-372		96-004190
	0-15	SAN JUAN	UT	NE	SW	05-41S-25E	PROD OP	43-037-30275	14-20-603-372		96-004190
	0-16	SAN JUAN	UT	SE	SW	05-41S-25E	INJ OP	43-037-15969	14-20-603-372		96-004190
	0-17	SAN JUAN	UT	NE	NW	08-41S-25E	PROD OP	43-037-30289	14-20-603-263		96-004190
	0-18	SAN JUAN	UT	SE	NW	08-41S-25E	INJ OP	43-037-05585	14-20-603-263		96-004190
	0-19	SAN JUAN	UT	NE	SW	08-41S-25E	PROD OP	43-037-30270	14-20-603-263		96-004190
	0-20	SAN JUAN	UT	SE	SW	08-41S-25E	PROD OP	43-037-15518	14-20-603-263		96-004190
	0-21	SAN JUAN	UT	NE	NW	17-41S-25E	PROD OP	43-037-30662	14-20-603-263		96-004190
	0-22A	SAN JUAN	UT	SE	NW	17-41S-25E	PROD OP	43-037-15970	14-20-603-263		96-004190
	0-23	SAN JUAN	UT	NE	SW	17-41S-25E	PROD OP	43-037-31123	14-20-603-263		96-004190
	0-24	SAN JUAN	UT	SE	SW	17-41S-25E	WIW OP	43-037-05407	14-20-603-263		96-004190
	P-07	SAN JUAN	UT	NW	SE	29-40S-25E	INJ OP	43-037-05828	I-149-IND-8039-4		96-004190
	P-08	SAN JUAN	UT	SW	SE	29-40S-25E	PROD OP	43-037-30355	I-149-IND-8039-A		96-004190
	P-09	SAN JUAN	UT	NW	NE	32-40S-25E	INJ OP	43-037-16367	14-20-603-372		96-004190
	P-10	SAN JUAN	UT	SW	NE	32-40S-25E	PROD OP	43-037-30284	14-20-603-372		96-004190
	P-11	SAN JUAN	UT	NW	SE	32-40S-25E	INJ OP	43-037-15971	14-20-603-372		96-004190
	P-12	SAN JUAN	UT	SW	SE	32-40S-25E	PROD OP	43-037-30278	-	HL-10376	96-004190
	P-13	SAN JUAN	UT	NW	NE	05-41S-25E	INJ OP	43-037-16368	14-20-603-372		96-004190
	P-14	SAN JUAN	UT	SW	NE	05-41S-25E	PROD OP	43-037-30276	14-20-603-372		96-004190
	P-15	SAN JUAN	UT	NW	SE	05-41S-25E	INJ OP	43-037-16340	14-20-603-372		96-004190
	P-16	SAN JUAN	UT	SW	SE	05-41S-25E	PROD OP	43-037-30287	14-20-603-372		96-004190
	P-17	SAN JUAN	UT	NW	NE	08-41S-25E	INJ OP	43-037-15970	14-20-603-263		96-004190
	P-18	SAN JUAN	UT	SW	NE	08-41S-25E	PROD OP	43-037-30267	14-20-603-263		96-004190
	P-19	SAN JUAN	UT	NW	SE	08-41S-25E	INJ OP	43-037-05555	14-20-603-263		96-004190
	P-20	SAN JUAN	UT	SW	SE	08-41S-25E	PROD OP	43-037-30505	14-20-603-263		96-004190
	P-21	SAN JUAN	UT	NW	NE	17-41S-25E	INJ OP	43-037-05487	14-20-603-263		96-004190
	P-22	SAN JUAN	UT	SW	NE	17-41S-25E	PROD OP	43-037-30506	14-20-603-263		96-004190

# 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	API Number	Entity	Location	Producing Zone	Well Status	Days Oper	Production Volumes		
							OIL(BBL)	GAS(MCF)	WATER(BBL)
MCELMO CR N-18	4303730286	05980	41S 25E 8	IS-DC					
MCELMO CR P-16	4303730287	05980	41S 25E 5	IS-DC					
MCELMO CR Q-13	4303730288	05980	41S 25E 5	IS-DC					
MCELMO CR O-17	4303730289	05980	41S 25E 8	DSCR					
MCELMO CR Q-15	4303730290	05980	41S 25E 5	IS-DC					
MCELMO CR N-12	4303730291	05980	40S 25E 32	IS-DC					
MCELMO CR K-21	4303730302	05980	41S 25E 18	DSCR					
MCELMO CR M-21	4303730303	05980	41S 25E 18	DSCR					
MCELMO CR N-10	4303730304	05980	40S 25E 32	IS-DC					
MCELMO CR J-20	4303730306	05980	41S 25E 7	DSCR					
MCELMO CR M-19	4303730307	05980	41S 25E 7	DSCR					
MCELMO CR L-20	4303730313	05980	41S 25E 7	DSCR					
MCELMO CR M-17	4303730314	05980	41S 25E 7	IS-DC					
<b>TOTALS</b>									

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

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

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

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

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

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

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

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

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

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

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

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

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

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

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

# Mobil Oil Corporation

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

May 14, 1986

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

RECEIVED  
MAY 16 1986

Attn: R. J. Firth  
Associate Director

DIVISION OF  
OIL, GAS & MINING

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

Very truly yours,



R. D. Baker  
Environmental Regulatory Manager

CNE/rd  
CNE8661

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

Routing:

1-LEC	7-PL
2-LWP	8-SJV
3-DES	9-FILE
4-VLC	
5-RJF	
6-LWP	

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

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

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

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

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

Name: <b>** SEE ATTACHED **</b>	API: <u>037-30289</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.
- lec 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. 8-31-95
- LWP 7. Well file labels have been updated for each well listed above. 9-28-95
- lec 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)
- lec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

**ENTITY REVIEW**

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

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

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

**LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY**

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

**FILMING**

1. All attachments to this form have been microfilmed. Date: October 3 19 95.

**FILING**

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

**COMMENTS**

*950803 LIC F5/Not necessary!*

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

June 27, 2001

**ExxonMobil**  
*Production*

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

Change of Name – Mobil Oil Corporation to  
ExxonMobil Oil Corporation

Dear Mr. Thompson

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

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

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

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

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

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

Very truly yours,



Charlotte H. Harper  
Permitting Supervisor

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

**RECEIVED**

JUN 29 2001

DIVISION OF  
OIL, GAS AND MINING



# United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

XXXXXXXXXXXXXXXXXXXX  
Navajo Area Office  
NAVAJO REGION

P.O. Box 1060

Gallup, New Mexico 87305-1060

**AUG 30 2001**

IN REPLY REFER TO:

RRES/543

**CERTIFIED MAIL - RETURN RECEIPT REQUESTED**

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

Dear Ms. Harper:

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

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

Sincerely,

DEMMI DENETSONE

Regional Realty Officer

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

MINERAL RESOURCES	
ADM	<i>[Signature]</i>
NATV AM MIN COORD	_____
SOLID MIN TEAM	_____
PETRO MIN TEAM	<i>2</i>
O & G INSPECT TEAM	_____
ALL TEAM LEADERS	_____
LAND RESOURCES	_____
ENVIRONMENT	_____
FILES	_____

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

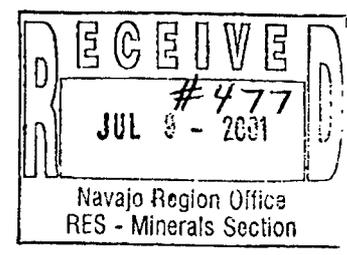
*PS 7/12/2001*  
*GN*  
*543*  
*File*

June 27, 2001

Certified Mail  
Return Receipt Requested

**ExxonMobil**  
*Production*

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.

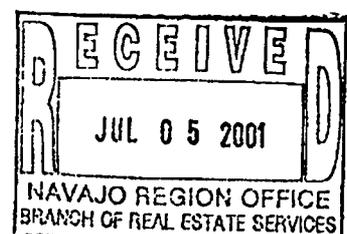
If you have any questions , please contact Alex Correa at (713) 431-1012.

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 Isasi*

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.

*D. A. Milligan*  
Assistant Secretary

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

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

*Janice M. Phillips*  
Notary Public



## LISTING OF LEASES OF MOBIL OIL CORPORATION

## Lease Number

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

6/1/01

# CHUBB GROUP OF INSURANCE COMPANIES

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

*NW Bond*

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

**BOND NO 8027 31 97**

wherein

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

**FEDERAL INSURANCE COMPANY AS SURETY,**

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

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

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

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

TO : **ExxonMobil Oil Corporation**

All other terms and conditions of this Bond are unchanged.

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

**ExxonMobil Oil Corporation**

By: 

**FEDERAL INSURANCE COMPANY**

By:   
Mary Pierson, Attorney-in-fact



POWER OF ATTORNEY

Federal Insurance Company  
Vigilant Insurance Company  
Pacific Indemnity Company

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

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

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

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

Kenneth C. Wendel  
Kenneth C. Wendel, Assistant Secretary

Frank E. Robertson  
Frank E. Robertson, Vice President

STATE OF NEW JERSEY } ss.  
County of Somerset

On this 10th day of May, 2001

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



Notary Public State of New Jersey  
No. 2231647

Karen A. Price  
Notary Public

Commission Expires Oct 28, 2004

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

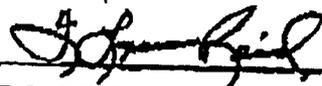
FOURTH: That the amendments to the Certificate of Incorporation were authorized by the Board of Directors followed by the holder of all outstanding shares entitled to vote on amendments to the Certificate of Incorporation by written consent of the sole shareholder dated May 22, 2001.

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

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

STATE OF TEXAS        )  
COUNTY OF DALLAS    )

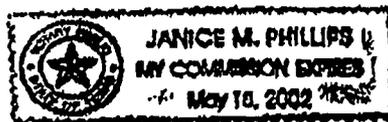
F. L. REID, being duly sworn, deposes and says that he is the Secretary of MOBIL OIL CORPORATION, the corporation mentioned and described in the foregoing instrument; that he has read and signed the same and that the statements contained therein are true.

  
\_\_\_\_\_  
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

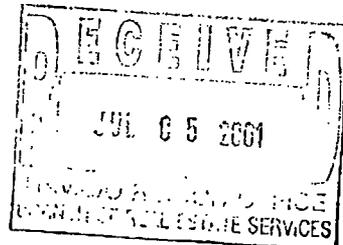
5949 Las Colinas Blvd.  
(Mailing address)

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

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

*ny Albany*

*Cost 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**



*Special Deputy Secretary of State*

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH
2. CDW ✓
3. FILE

Change of Operator (Well Sold)

Designation of Agent

**X Operator Name Change**

Merger

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

**CA No. Unit: MCELMO CREEK**

**WELL(S)**

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MCELMO CREEK UNIT J-16A	06-41S-25E	43-037-31011	5980	INDIAN	OW	P
MCELMO CR J-20	07-41S-25E	43-037-30306	5980	INDIAN	OW	P
MCELMO CR M-19	07-41S-25E	43-037-30307	5980	INDIAN	OW	P
MCELMO CR L-20	07-41S-25E	43-037-30313	5980	INDIAN	OW	P
MCELMO CR M-17	07-41S-25E	43-037-30314	5980	INDIAN	OW	P
MCELMO CR J-18	07-41S-25E	43-037-30318	5980	INDIAN	OW	P
MCELMO CR L-18	07-41S-25E	43-037-30319	5980	INDIAN	OW	P
MCELMO CR K-19	07-41S-25E	43-037-30327	5980	INDIAN	OW	P
MCELMO CR K-17	07-41S-25E	43-037-30328	5980	INDIAN	OW	P
MCELMO CREEK O-20	08-41S-25E	43-037-15518	5980	INDIAN	OW	P
MCELMO CREEK Q-18	08-41S-25E	43-037-15521	5980	INDIAN	OW	P
MCELMO CREEK Q-20	08-41S-25E	43-037-15522	5980	INDIAN	OW	P
MCELMO CREEK P-18	08-41S-25E	43-037-30267	5980	INDIAN	OW	P
MCELMO CR N-20	08-41S-25E	43-037-30269	5980	INDIAN	OW	P
MCELMO CREEK O-19	08-41S-25E	43-037-30270	5980	INDIAN	OW	P
MCELMO CR Q-17	08-41S-25E	43-037-30271	5980	INDIAN	OW	P
MCELMO CR N-18	08-41S-25E	43-037-30286	5980	INDIAN	OW	P
MCELMO CR O-17	08-41S-25E	43-037-30289	5980	INDIAN	OW	P
MCELMO CR P-20	08-41S-25E	43-037-30505	5980	INDIAN	OW	S
MCELMO CR Q-19	08-41S-25E	43-037-30652	5980	INDIAN	OW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

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

7. **Federal and Indian Units:**

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

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

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

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

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

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 04/24/2002
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 04/24/2002
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

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

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

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

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

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

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

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

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

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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

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

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

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:		<b>6/1/2006</b>
<b>FROM:</b> (Old Operator): N1855-ExxonMobil Oil Corporation PO Box 4358 Houston, TX 77210-4358 Phone: 1 (281) 654-1936	<b>TO:</b> ( New Operator): N2700-Resolute Natural Resources Company 1675 Broadway, Suite 1950 Denver, CO 80202 Phone: 1 (303) 534-4600	
<b>CA No.</b>	<b>Unit:</b>	<b>MC ELMO</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>
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____		10. FIELD AND POOL, OR WILDCAT: <b>Aneth</b> COUNTY: <b>San Juan</b> STATE: <b>UTAH</b>
5. PHONE NUMBER: <b>(281) 654-1936</b>		

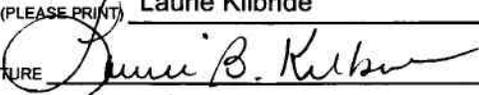
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

FORM 3

AMENDED REPORT

<b>APPLICATION FOR PERMIT TO DRILL</b>						<b>1. WELL NAME and NUMBER</b> MCELMO CRK O-17				
<b>2. TYPE OF WORK</b> DRILL NEW WELL <input type="radio"/> REENTER P&A WELL <input type="radio"/> DEEPEN WELL <input checked="" type="radio"/>						<b>3. FIELD OR WILDCAT</b> GREATER ANETH				
<b>4. TYPE OF WELL</b> Oil Well <input type="radio"/> Coalbed Methane Well: NO <input type="radio"/>						<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b> MCELMO CREEK				
<b>6. NAME OF OPERATOR</b> RESOLUTE NATURAL RESOURCES						<b>7. OPERATOR PHONE</b> 303 534-4600				
<b>8. ADDRESS OF OPERATOR</b> 1675 Boradway Ste 1950, Denver, CO, 80202						<b>9. OPERATOR E-MAIL</b> pflynn@resoluteenergy.com				
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> 1420603263			<b>11. MINERAL OWNERSHIP</b> FEDERAL <input type="radio"/> INDIAN <input checked="" type="radio"/> STATE <input type="radio"/> FEE <input type="radio"/>			<b>12. SURFACE OWNERSHIP</b> FEDERAL <input type="radio"/> INDIAN <input checked="" type="radio"/> STATE <input type="radio"/> FEE <input type="radio"/>				
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b>						<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>				
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b>						<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>				
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b> Navajo Nation			<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input type="radio"/> (Submit Commingling Application) NO <input checked="" type="radio"/>			<b>19. SLANT</b> VERTICAL <input checked="" type="radio"/> DIRECTIONAL <input type="radio"/> HORIZONTAL <input type="radio"/>				
<b>20. LOCATION OF WELL</b>		<b>FOOTAGES</b>		<b>QTR-QTR</b>	<b>SECTION</b>	<b>TOWNSHIP</b>	<b>RANGE</b>	<b>MERIDIAN</b>		
LOCATION AT SURFACE		631 FNL 1848 FWL		NENW	8	41.0 S	25.0 E	S		
Top of Uppermost Producing Zone		631 FNL 1848 FWL		NENW	8	41.0 S	25.0 E	S		
At Total Depth		631 FNL 1848 FWL		NENW	8	41.0 S	25.0 E	S		
<b>21. COUNTY</b> SAN JUAN			<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 631			<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 40				
			<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 660			<b>26. PROPOSED DEPTH</b> MD: 5882 TVD: 5882				
<b>27. ELEVATION - GROUND LEVEL</b> 4902			<b>28. BOND NUMBER</b> B001263			<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> lease produced water				
<b>Hole, Casing, and Cement Information</b>										
<b>String</b>	<b>Hole Size</b>	<b>Casing Size</b>	<b>Length</b>	<b>Weight</b>	<b>Grade &amp; Thread</b>	<b>Max Mud Wt.</b>	<b>Cement</b>	<b>Sacks</b>	<b>Yield</b>	<b>Weight</b>
Surf	12.25	8.675	0 - 1660	24.0	K-55 Casing/Tubing	0.0	Class B	900	2.0	0.0
Prod	7.875	5.5	0 - 5768	14.0	J-55 Casing/Tubing	0.0	Class B	700	1.88	0.0
<b>ATTACHMENTS</b>										
<b>VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES</b>										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
<b>NAME</b> Sherry Glass			<b>TITLE</b> Sr Regulatory Technician			<b>PHONE</b> 303 573-4886				
<b>SIGNATURE</b>			<b>DATE</b> 08/30/2012			<b>EMAIL</b> sglass@resoluteenergy.com				
<b>API NUMBER ASSIGNED</b> 43037302890000			<b>APPROVAL</b>			 Permit Manager				

*Recompletion/Deepen*  
**McElmo Creek Unit O-17**  
631' FNL & 1848' FWL  
Sec 8, T41S, R25E  
San Juan County, Utah  
API 43-037-30289  
PRISM 0000346

Recompletion Procedure (Sundry – Notice of Intent)

1. MIRU.
2. Pull & LD production equipment.
3. Clean out to 5767' PBTD.
4. Run casing inspection log & CBL from PBTD up to 2000'.
5. Pressure test production casing to 500 psig by setting a Retrievable Bridge Plug at ~5600', pending csg inspection log.
6. Drill 4-3/4" open hole (vertical) from 5768' to 5882' MD/TVD.  
Well will TD ~4' into Chimney Rock Shale.
7. Stimulate new open hole section plus existing DC-I&IIA intervals.
8. Install production tubing with appropriate artificial lift.
9. RDMOL.
10. Return well to production.

*Job Scope – Deepen the well & complete in Desert Creek Zone IIC via open hole, leaving existing DC-I & IIA intervals open.*

**ADDITIONAL INFORMATION TO SUPPORT  
Sundry – Notice of Intent  
Mc Elmo Creek Unit O-17  
Deepening to Desert Creek IIC Horizon**

1. Formation Tops

**Existing Formation Tops (MD):**

Upper Ismay:	5534
Lower Ismay:	5619
Gothic Shale:	5677
Desert Creek IA:	5690
Desert Creek IB:	5710
Desert Creek IC:	5720
Desert Creek IIA:	5743
Desert Creek IIB:	5763

**Projected Formation Tops (MD):**

Desert Creek IIC:	5784
Desert Creek III:	5852
Chimney Rock Shale:	5878
Total Depth:	5882 (in Chimney Rock)

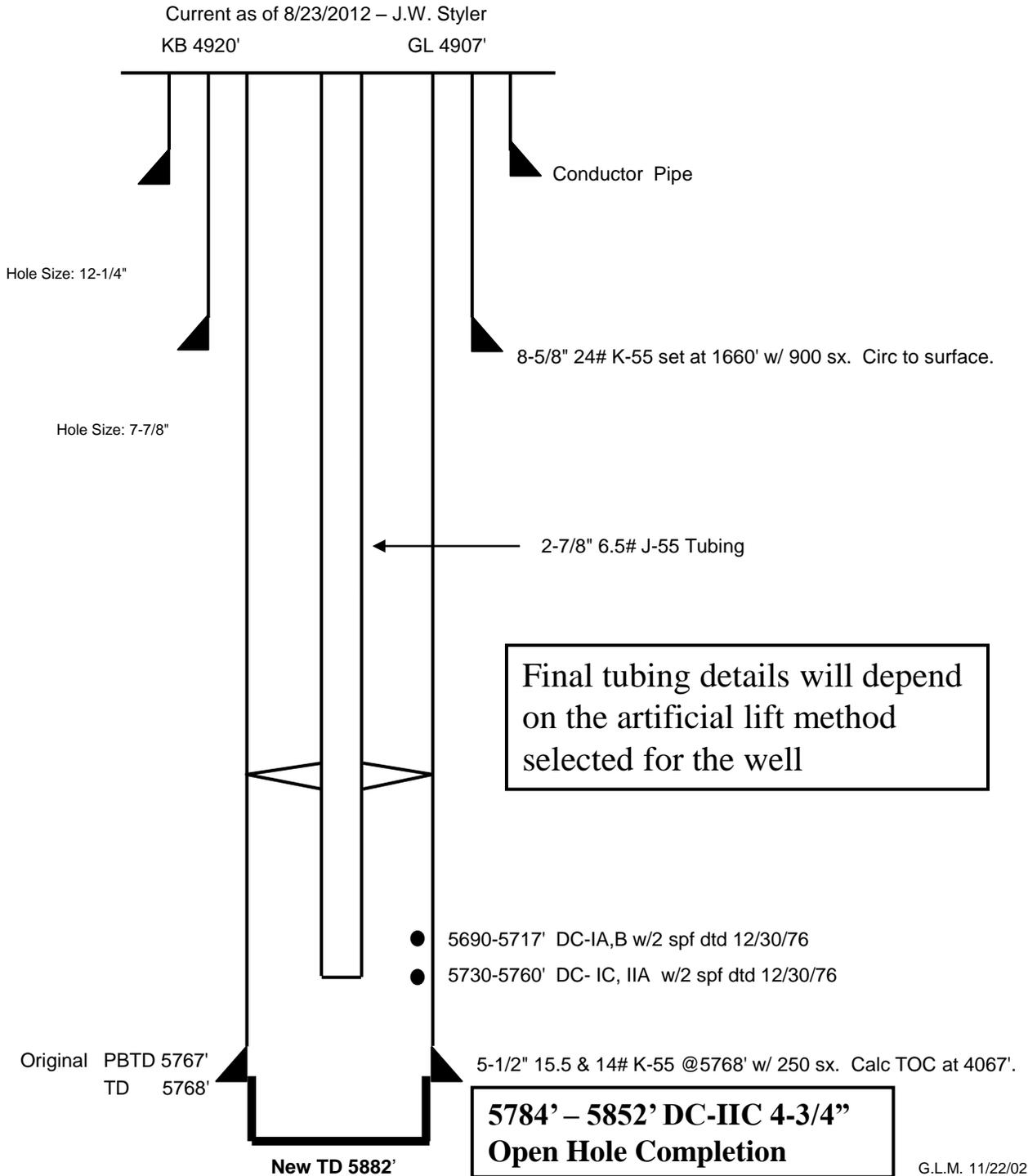
2. Deepening will be via 4-3/4 inch diameter vertical open hole from 5768 feet to 5882 feet.
3. Wellbore Diagrams –
  - a. Existing Wellbore Diagram – Attachment No. 1
  - b. Proposed Wellbore Diagram – Attachment No. 2
4. BOP Diagram and Equipment Description – Attachment No. 3
5. Drilling Mud Specifications
  - a. Proposed to drill out / deepen with N2 foamed fresh water fluid, in an underbalanced situation, or if conditions warrant,
  - b. CaCl<sub>2</sub> brine water will be used, and if this will not control formation pressure during the drilling operations,

- c. Drilling mud with a salt polymer will be used to control formation pressure during the drilling operations.

**McELMO CREEK UNIT # O-17**  
GREATER ANETH FIELD  
631' FNL & 1848' FWL  
SEC 8-T41S-R25E  
SAN JUAN COUNTY, UTAH  
API 43-037-30289  
PRISM 0000346

PRODUCER

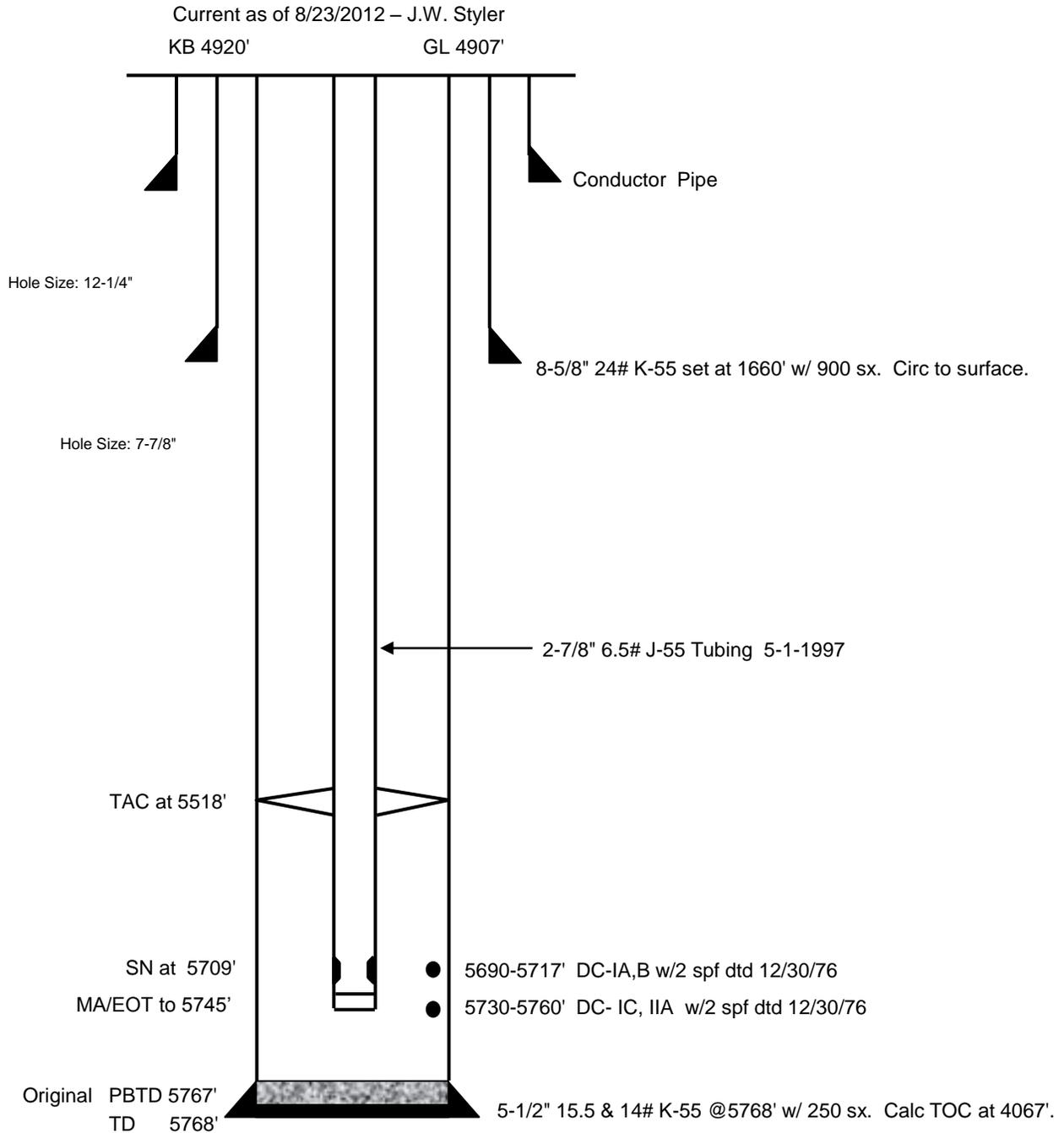
**Attachment 2:  
Proposed Wellbore,  
Deepened to DC-IIC**

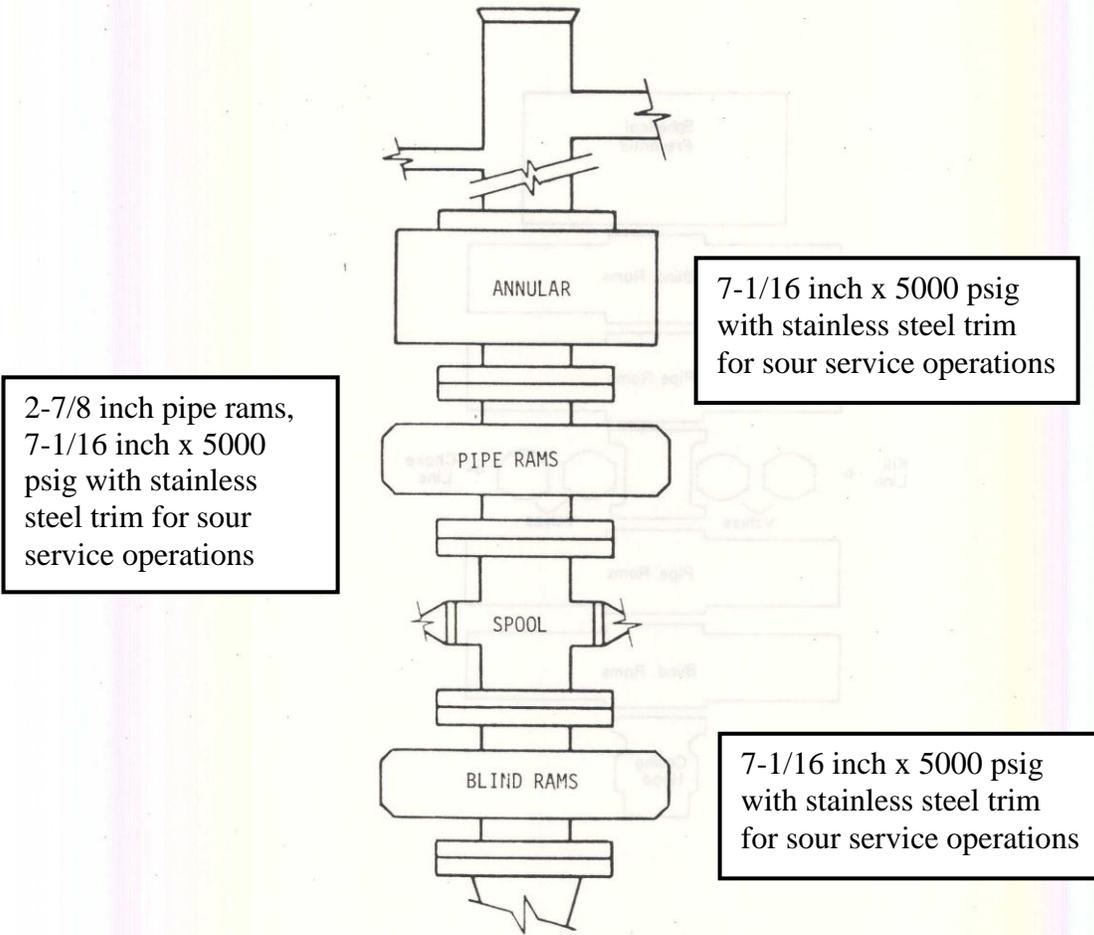


**McELMO CREEK UNIT # O-17**  
GREATER ANETH FIELD  
631' FNL & 1848' FWL  
SEC 8-T41S-R25E  
SAN JUAN COUNTY, UTAH  
API 43-037-30289  
PRISM 0000346

PRODUCER

**Attachment 1:  
Existing Wellbore**

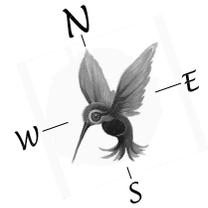
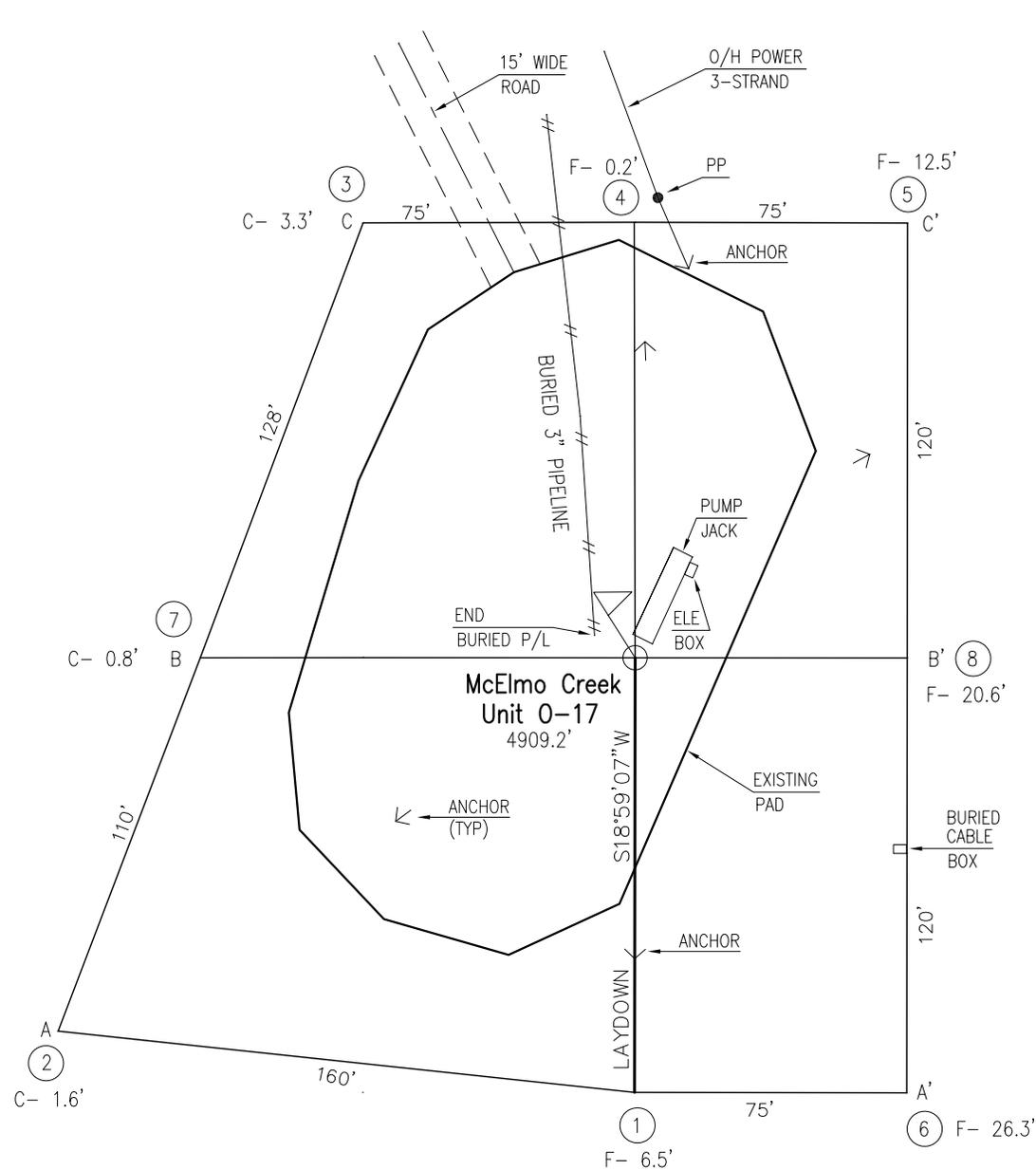




TYPICAL WORKOVER BOP STACK

Figure 30

# Well Pad - McElmo Creek Unit O-17



BASIS OF BEARINGS  
GPS TRUE NORTH



1"=50'

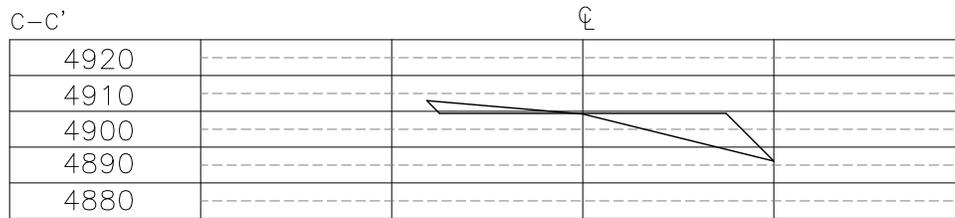
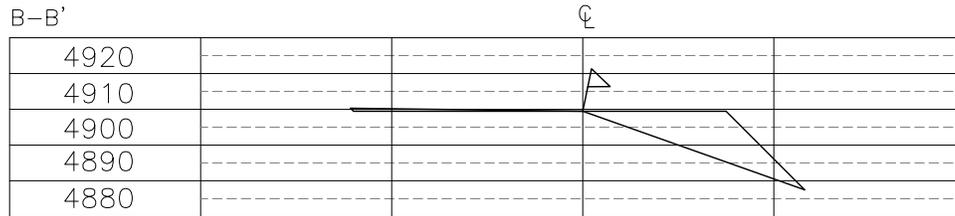
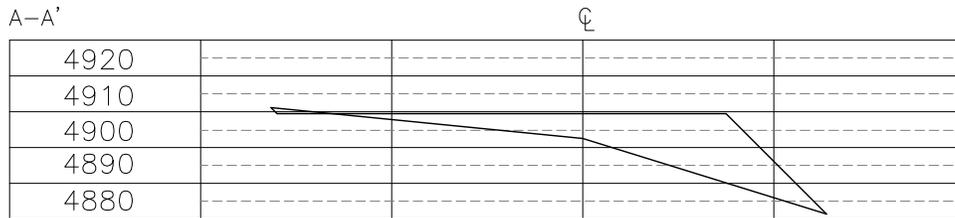
It shall be the responsibility of the Contractor to verify the location, depth and condition of all existing utilities and conduct all necessary field investigations prior to any excavation.  
OneCall 800-662-5348

EXHIBIT B

FOOTAGE	631' FNL	1848' FWL	<b>RESOLUTE</b> NATURAL RESOURCES		
SEC 8, T41S, R25E, SLM, SAN JUAN COUNTY, UT					
LAT: N 37.24232°	LON: W 109.19992° (NAD83)		SURVEYED: 08/27/12		
ELEVATION: 4909.2' at ground level (NAVD88)			DRAWN BY: GEL	DATE: 08/28/12	
NOTE: Re-entry of existing well.			REVISION:		

HUMMINGBIRD SURVEYING, LLC --- P.O. Box 416 Montezuma Creek, UT 84534 --- 970-570-5108

# Cross Section - McElmo Creek Unit O-17



HORIZONTAL 1"=100'  
VERTICAL 1"=100'

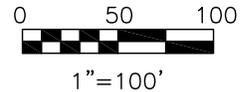
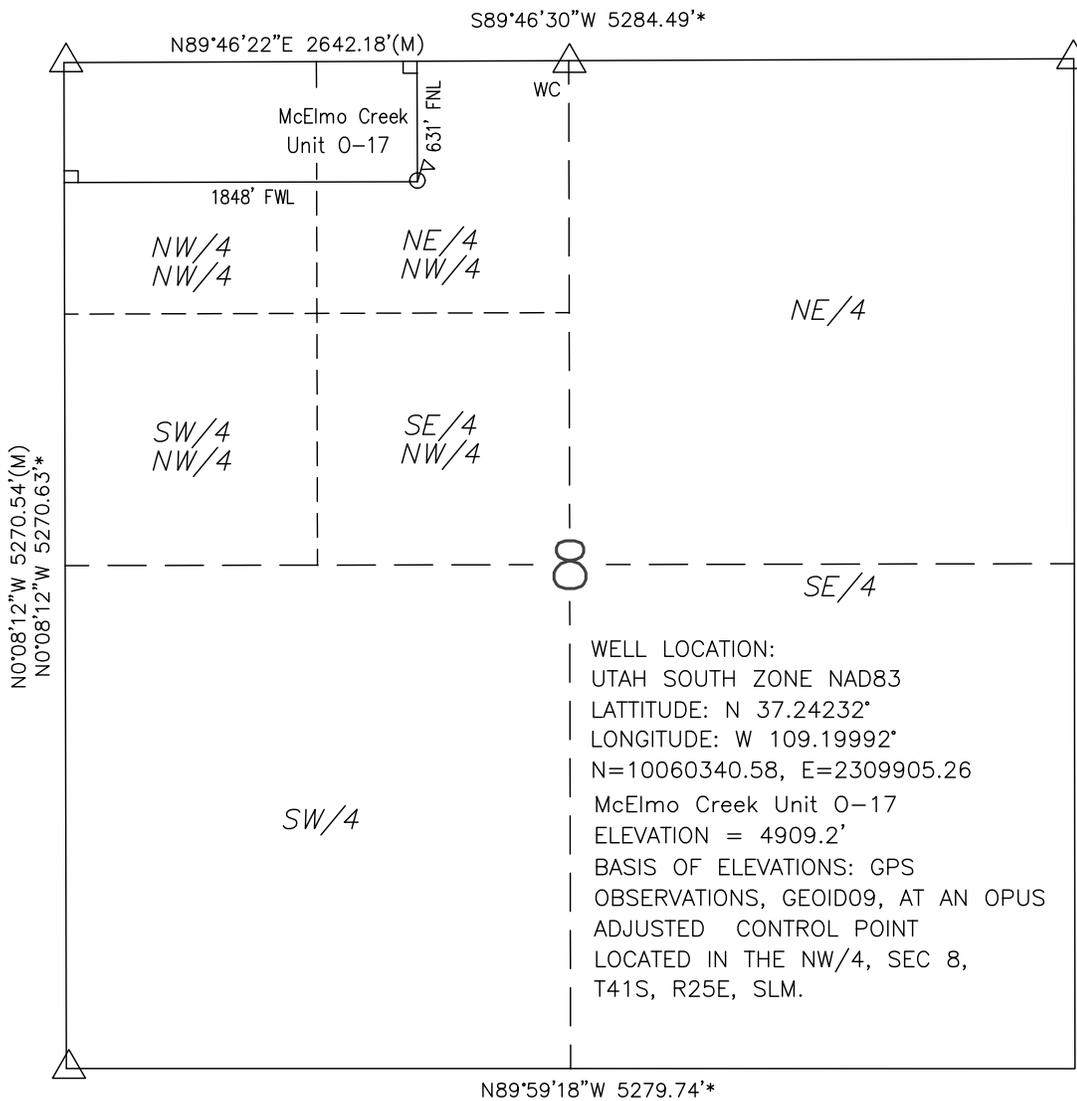


EXHIBIT C

FOOTAGE	631' FNL	1848' FWL	<b>RESOLUTE</b> NATURAL RESOURCES		
SEC 8, T41S, R25E, SLM, SAN JUAN COUNTY, UT					
LAT: N 37.24232° LON: W 109.19992° (NAD83)			SURVEYED: 08/27/12		
ELEVATION: 4909.2' at ground level (NAVD88)			DRAWN BY: GEL	DATE: 08/28/12	FILE:
NOTE: Re-entry of existing well.			REVISION:		

HUMMINGBIRD SURVEYING, LLC --- P.P. Box 416 Montezuma Creek, UT 84534 --- 970-570-5108

# Well Location - McElmo Creek Unit O-17



- LEGEND:**
- FND USBLM 3-1/4" BC DATED 2004
  - 90° TIE
  - (M) MEASURED
  - \* RECORD
  - WELL LOCATION

WELL LOCATION:  
 UTAH SOUTH ZONE NAD83  
 LATITUDE: N 37.24232°  
 LONGITUDE: W 109.19992°  
 N=10060340.58, E=2309905.26  
 McElmo Creek Unit O-17  
 ELEVATION = 4909.2'  
 BASIS OF ELEVATIONS: GPS  
 OBSERVATIONS, GEOID09, AT AN OPUS  
 ADJUSTED CONTROL POINT  
 LOCATED IN THE NW/4, SEC 8,  
 T41S, R25E, SLM.

I, Gerald G. Huddleston, do hereby certify that I am a registered Utah land surveyor holding certificate number 161297 as prescribed under the laws of the State of Utah, and I further certify that under authority of the owner I have surveyed the well location as shown hereon and that the same is correct and true to the best of my knowledge and belief.



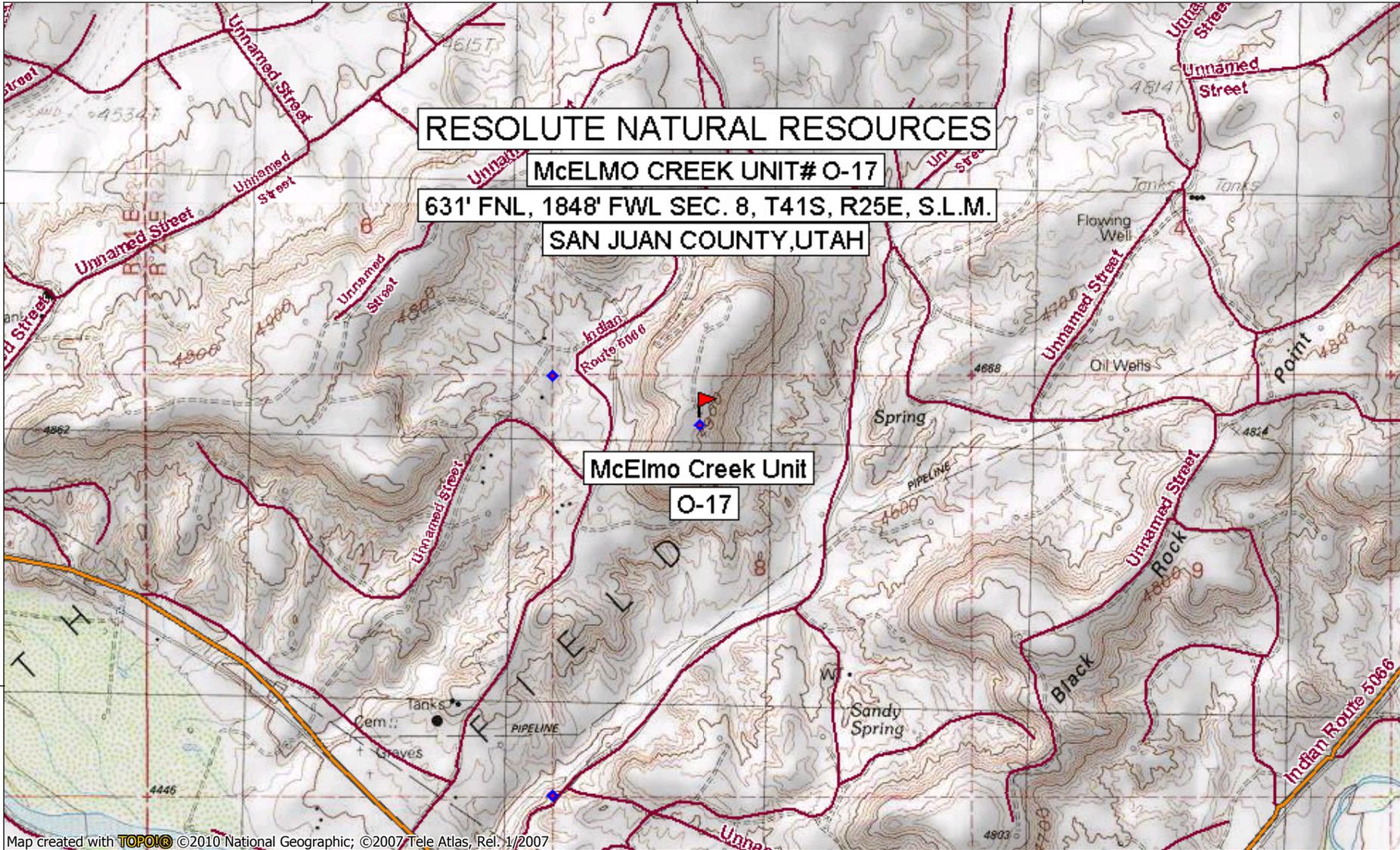
EXHIBIT A

FOOTAGE	631' FNL	1848' FWL	<b>RESOLUTE</b> NATURAL RESOURCES		
SEC 8, T41S, R25E, SLM, SAN JUAN COUNTY, UT					
LAT: N 37.24232°	LON: W 109.19992° (NAD83)		SURVEYED: 08/27/12		
ELEVATION: 4909.2' at ground level (NAVD88)			DRAWN BY: GEL	DATE: 08/28/12	
NOTE: Re-entry of existing well.			REVISION:		

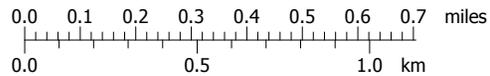
37.24227° N, 109.19971° W WGS84TOPO! map printed on 08/29/12 from "TOPO MAP MCU O-17.tpo"  
109.21667° W 109.20000° W WGS84 109.18333° W

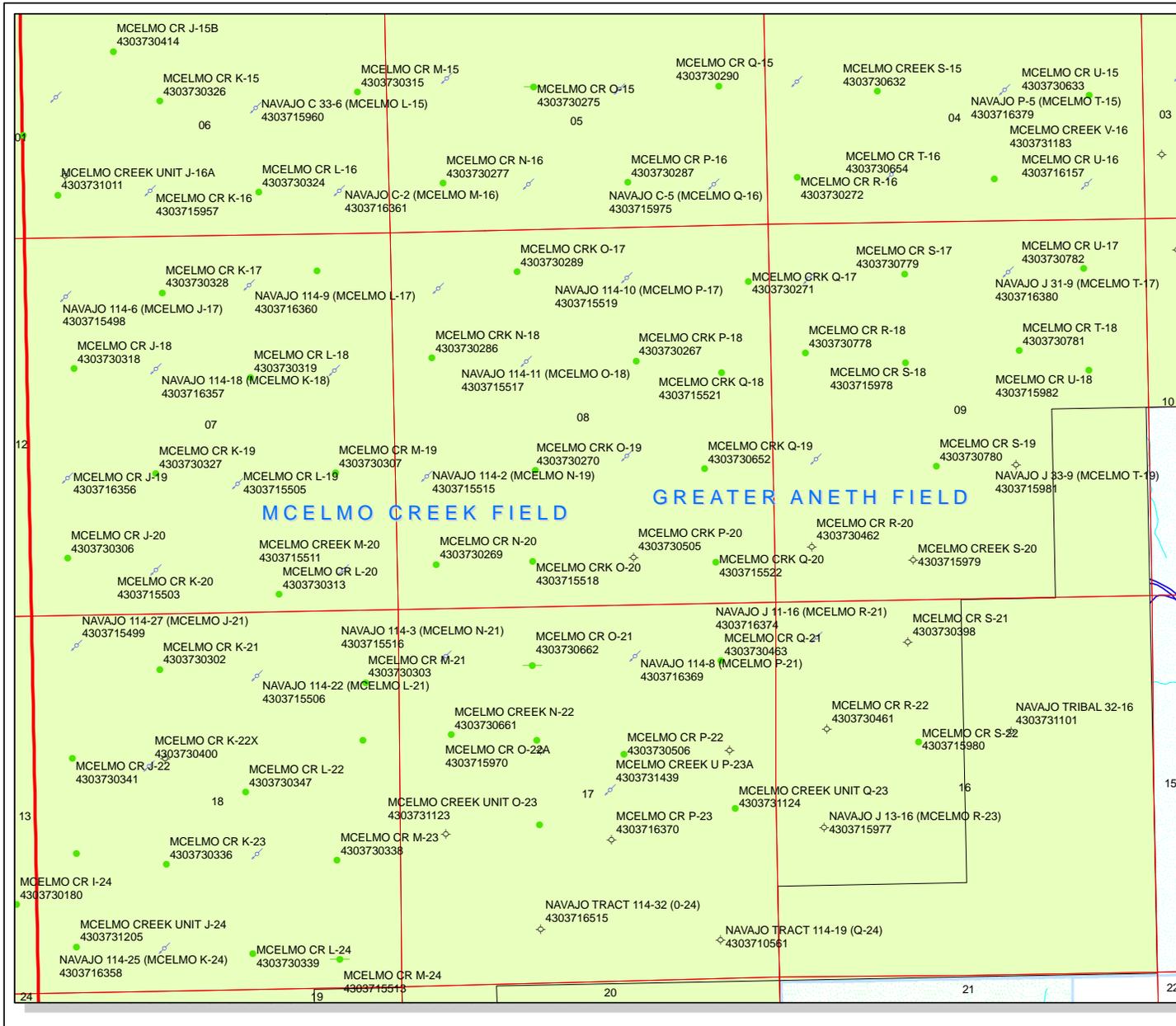
**RESOLUTE NATURAL RESOURCES**  
**McELMO CREEK UNIT# O-17**  
**631' FNL, 1848' FWL SEC. 8, T41S, R25E, S.L.M.**  
**SAN JUAN COUNTY, UTAH**

**McElmo Creek Unit**  
**O-17**



Map created with **TOPO!** ©2010 National Geographic; ©2007 Tele Atlas, Rel. 1/2007

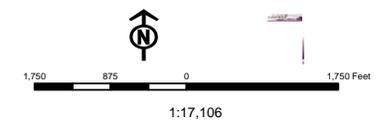




**API Number: 4303730289**  
**Well Name: MCELMO CRK O-17**  
**Township T41.0S Range R25.0E Section 08**  
**Meridian: SLBM**  
 Operator: RESOLUTE NATURAL RESOURCES

Map Prepared:  
 Map Produced by Diana Mason

- |               |                                     |
|---------------|-------------------------------------|
| <b>Units</b>  | <b>Wells Query</b>                  |
| <b>STATUS</b> | <b>Status</b>                       |
| ACTIVE        | APD - Approved Permit               |
| EXPLORATORY   | DRIL - Spudded (Drilling Commenced) |
| GAS STORAGE   | GIW - Gas Injection                 |
| NF PP OIL     | GS - Gas Storage                    |
| NF SECONDARY  | LOC - New Location                  |
| PI OIL        | OPS - Operation Suspended           |
| PP GAS        | PA - Plugged Abandoned              |
| PP GEOTHERM   | PGW - Producing Gas Well            |
| PP OIL        | POW - Producing Oil Well            |
| SECONDARY     | SGW - Shut-in Gas Well              |
| TERMINATED    | SOW - Shut-in Oil Well              |
| <b>Fields</b> | <b>STATUS</b>                       |
| Unknown       | TA - Temp. Abandoned                |
| ABANDONED     | TW - Test Well                      |
| ACTIVE        | WDW - Water Disposal                |
| COMBINED      | WW - Water Injection Well           |
| INACTIVE      | WSW - Water Supply Well             |
| STORAGE       | Bottom Hole Location - Oil/Gas/Dls  |
| TERMINATED    |                                     |



## WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 8/30/2012

API NO. ASSIGNED: 43037302890000

WELL NAME: MCELMO CRK O-17

OPERATOR: RESOLUTE NATURAL RESOURCES (N2700)

PHONE NUMBER: 303 573-4886

CONTACT: Sherry Glass

PROPOSED LOCATION: NENW 08 410S 250E

Permit Tech Review: 

SURFACE: 0631 FNL 1848 FWL

Engineering Review: 

BOTTOM: 0631 FNL 1848 FWL

Geology Review: 

COUNTY: SAN JUAN

LATITUDE: 37.24245

LONGITUDE: -109.20023

UTM SURF EASTINGS: 659634.00

NORTHINGS: 4123286.00

FIELD NAME: GREATER ANETH

LEASE TYPE: 2 - Indian

LEASE NUMBER: 1420603263

PROPOSED PRODUCING FORMATION(S): DESERT CREEK

SURFACE OWNER: 2 - Indian

COALBED METHANE: NO

## RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: INDIAN - B001263
- Potash
- Oil Shale 190-5
- Oil Shale 190-3
- Oil Shale 190-13
- Water Permit: lease produced water
- RDCC Review:
- Fee Surface Agreement
- Intent to Commingle

Commingling Approved

## LOCATION AND SITING:

- R649-2-3.
- Unit: MCELMO CREEK
- R649-3-2. General
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: Cause 152-09
- Effective Date: 8/27/2003
- Siting: Suspends General Siting
- R649-3-11. Directional Drill

Comments: Presite Completed  
610901 UNIT EFF:860626 OP FR N0920 EFF 4/86:950803 OP FR MEPNA:020424 OP FR N7370 EFF 06-01-01:OP FR N1855:

Stipulations: 4 - Federal Approval - dmason



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

## Permit To Drill

\*\*\*\*\*

Well Name: MCELMO CRK  
O-17

API Well Number: 43037302890000

Lease Number: 1420603263

Surface Owner: INDIAN

Approval Date: 10/1/2012

### Issued to:

RESOLUTE NATURAL RESOURCES, 1675 Boradway Ste 1950, Denver, CO 80202

### Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 152-09. The expected producing formation or pool is the DESERT CREEK Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

### Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

### General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

### Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

### Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels at 801-538-5284

(please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website

at <http://oilgas.ogm.utah.gov>

**Reporting Requirements:**

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

**Approved By:**

A handwritten signature in black ink, appearing to read "John Rogers", written in a cursive style.

For John Rogers  
Associate Director, Oil & Gas

<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> 1420603263
		<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 CRK O-17
<b>3. ADDRESS OF OPERATOR:</b> 1675 Boradway Ste 1950 , Denver, CO, 80202		<b>9. API NUMBER:</b> 43037302890000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0631 FNL 1848 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 08 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 type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<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 checked="" type="checkbox"/> DRILLING REPORT Report Date: 10/2/2012	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

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

Resolute finished drilling to TD at 5882' to complete this well in the DC-IIC formation, wellhead connected 9-19-12, waiting on repairs to backhoe to hook into pipeline for production. Completion report to follow, pending production start, drilling report attached.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
October 02, 2012**

<b>NAME (PLEASE PRINT)</b> Shery Glass	<b>PHONE NUMBER</b> 303 573-4886	<b>TITLE</b> Sr Regulatory Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/2/2012	



## Daily Well Report

## Well Name: Mcelmo Cr O17

API Number 43037302890000	Section	Township	Range	Field Name McElmo Creek	County San Juan	State/Province Utah	Wellbore Config Vertical
Ground Elevation (ft)	Casing Flange Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	Well Spud Date/Time 7/12/1976 00:00	Rig Release Date/Time		

Job Category Completion/Workover	Primary Job Type Recompletion	Secondary Job Type	Working Interest (%) 72.25
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Start Date 9/4/2012	End Date 9/14/2012	AFE Number 10012760
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Objective  
Job scope: Pull existing rods and tubing, drill out of the existing 5-1/2" casing shoe at 5768' and deepen 114' to a projected depth of 5882' (30' below the base of the DC-IIC) using nitrogen as required; stimulate the open hole IIC section, and run new tubing with submersible pump equipment. This expenditure will include upgrade of the electrical supply to the well and re-sizing the flowline to handle increased production.

Contractor Key	Rig Number 27	Rig Type	Rig Start Date 8/31/2012	Rig Release Date 9/14/2012
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Report Number	Start Date	End Date	Summary
1	8/29/2012	8/29/2012	Lansing build loc.
2	8/30/2012	9/14/2012	
3	8/31/2012	8/31/2012	Hummingbird Surveying, LLC came out surveyed Location and produced the Survey Plats
4	9/4/2012	9/5/2012	Report for M.C.U. O-17 Capital Producer Key Rig 27, Move rig & equipment from Key yard in Montezuma to MCU O-17, Also brought Drill Pipe and Close Loop System back from town. LJB on loc with backhoe to level rig skid, Set skid, spotted in rig pit, pump, gas buster, solids bin, upright tank, power swivel pac, accumulator, and set diesel tank on liner Fraleys brought 1500 gals Diesel, Leveled unit and Raise derrick @ 1630 hrs, Secured guide lines. Crew change @ 1800 hrs Safety Meeting fill out JSA on (Rigging up, Team work, Forklift Operations) Setup and secure hand rails, being rigging up flow line to lay down tanks, Rig up choke manifold, Had to go to key yard to get rod tongs. SITP 0psi SICP 500psi, Open well to lay down tanks bleed off psi, Return 10 bbls oily fluid and gas, TBG & CSG dead. L/D polish rod, Stuffing box, Ratigan, and Pumping T, R/U rod table, Lay down 94- 7/8 rods, 130- 3/4 rods. Crew Change 0600 hrs.
5	9/5/2012	9/6/2012	Report for M.C.U. O-17 Capital Producer Key Rig 27, Crew Change @ 0600 Safety Meeting fill JSA (Lay down rods, Nipple up BOP) Finishing lay down 3/4 rods, Rod pump, Gas anchor, Lay down total of 1- 4' rod sub, 94- 7/8, 133- 3/4, 2- 4' Stabilizer rod, LJB took rods to MCU pipe yard. Open well to lay down tanks, While waiting on TIW and HWDP spiral from Farmington, Trailer on loc unload 20 jts HWDP. P/U pub jt with TIW, well flowing gas, pump 10 bbls produce water down casing, Well dead, Try to unscrew casing cap, Hammer wings on cap broke off, Used 48' pipe wrench to remove cap. Release TAC, Install lower section of BOP, HRC valve, Pipe & Blind rams, Pick and make up upper section of the BOP, Hydril bag and Rotating head, Secure all bolts check for proper operation on Rams. Respot gas buster rig up steel flex line from BOP to gas buster, Move choke manifold to rig up steel flex line from HCR valve to choke, Rig up floor, steps, and hand rails. Crew change @ 1800 hrs Safety Meeting fill out JSA (Forklift Operations, PSI on lines, Tripping TBG). Finish rigging up floor with tools, TBG tongs, stairs off driller side, Spot in cat walk, Rig up Vdoor slide, Pipe racks, Welder on loc fab up flow line from gas buster to shaker, make up 3" hard lines from choke to lay down tanks. Lay down pub jt, Pull 1 jt TBG with TIW, P/U PKR, Run in the hole set PKR 1 jt down, PSI test BOP Pipe Rams, Hydril bag 200- low 800- high, Leak at 2" nipple, Tighten connection, Retest, Tested good, Release PKR, Pull and Lay down PKR. Crew took lunch. Made up rotating head, Trip out of hole standing back and tally 178 jts of TBG, Lay down TBG Anchor. Crew Change 0600 hrs.
6	9/6/2012	9/7/2012	Report M.C.U. O-17 Capital Producer Key Rig 27, Crew Change @ 0600 hrs Safety Meeting fill out JSA (Tripping tbg, Pumping operations) TOH 6 jts of tbg, Lay down Seat Nipple and Bull plug. Pick up and make bit and scraper, Trip in the hole 183 jts tbg, Bit and Scraper @ 5670'. Make up pumping T to tbg, Pump 150 bbls Produce water No circulation, Rig down pumping T. TOH w/ bit and scraper, 183 jts, Lay down Bit and scraper. Crew took lunch while waiting on Bluejet to arrive on loc. Bluejet on loc, Spot in truck, JSA w/ everyone on loc (Wireline Safety, Keep clear of floor, Communication) Rig up wireline equipment, Run casing log F/ 5770' T/ 2000', Rig down wireline equipment. Pick up RBP start tripping in the hole, Trip in the hole 40 jts tbg. Crew change @ 1800 hrs Safety Meeting fill out JSA (Communication, Teamwork, Watching for one another) Continue to Trip in the hole 141 jts. Attempt to set RBP @ 5600' RBP won't set, Slipping, Pull 1 std, RBP still slipping, Pull 2 stds RBP still slipping, TIH 5 stds, Pick up 1 jts 2 7/8 AOH DP, Tag bottom to check if RBP was still there, Lay down jt of DP, TOH 6 stds tbg, Attempt to set RBP @ 5360', RBP set, Pulled 25K over, RBP set. Lay down 4 jts tbg, Make up pumping T to tbg, Pump 61 bbls to break circ, Continue to circ for 30 min to circ gas out of well for Cement Bond Log. Shut in well, PSI test csg to 500psi for 20 min, Tested good, Release PSI, Rig down Pumping T. Lay down 133 jts tbg, Fill hole for CBL log, Finish laying down 40 jts tbg. Rig up Bluejet, Pick up CBL log too, RIH start logging from 5360' to 1700', Top of cement is 4930', Rig down Wireline, Release Bluejet. Crew change @ 0600 hrs.



## Daily Well Report

Well Name: Mcelmo Cr O17

API Number 43037302890000	Section	Township	Range	Field Name McElmo Creek	County San Juan	State/Province Utah	Wellbore Config Vertical
Ground Elevation (ft)	Casing Flange Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	Well Spud Date/Time 7/12/1976 00:00	Rig Release Date/Time		

Report Number	Start Date	End Date	Summary
7	9/7/2012	9/8/2012	This is the report on the MCU O-17 Capital Producer key rig #27 Finish nipple down BOP stack and rigging down rig floor. Had LJB on location to dig 2 ft around well head. .Knock off cap on surface head. Wait on Baker tool hand. Had ABC monitor around well head. Readings were 100% LEL and H2S level at 220 PPM. Held safety meeting with 14 personal on location discuss fire extinguisher, fire watch, grinding, chipping,also monitoring around well head. Circulate with F/W to clear all gases. Monitor readings 0 on all readings. Cut off bowl and spear casing, pull 80 K up and release slips and release spear. Started in on cutting 8 5/8 when we had to change out welders. Call Ivan about the situation. Waited on another welder. Finish cutting off 8 5/8 and weld up slip bore in to place. Weld up new 8 5/8 well head. Back fill hole and pick up spear and pull 60 K to set slips.Crew change at 1800 hour tail gate safety meeting with rig crew topic was suspended loads, hand placement, communication. Install new 3000# B section and nipple up test void to 1800 psi. Bleed off pressure and release WSI. Nipple up BOP stack and rig up floor. Set pipe rack and catwalk and transfer AHO to rack and tally. Make up retrieve tools and pick up 9 jts to 288.ft. Pressure test BOP stack and retrieve plug TOH with plug. Make-up 2 retrieve tool and TIH and start picking up AOH Tubing. Transfer a total of 175 jt tally and pick-up 95 jts Crew change at 6:00 Tail gate safety meeting with rig crew Topic was picking-up Drill pipe, hand placement, tong operations. Finish picking up 169 jts to 5337.46. Shut down to spot in N2 unit
8	9/8/2012	9/9/2012	This is the report on the MCU O-17 Capital Producer Key rig #27 Finish spotting in N2 unit. Latch on to RBP and release well on a vac. TOH with plug. Nipple down BOP stack and rig floor to install G-45 head. Nipple-up stack and rig floor Pick-up packer an set to presure test BOP stact to 200 low and 900 high. Release packer and lay it down. Make up BHA with 4 3/4 3 blade junk mill and start picking up heavy weight spiral drill pipe.. Crew change at 1800 hours tail gate safety meeting with rig crew topic was hand placement, communication, tripping DP. Finish picking up HW and put blank flange into place. TIH to 5362. Start picking up singles and tag 10 ft in on jt 183 at the depth of 5751 .While Rig up power swivel their was a connection between the motors that had to be replace. Repair swivel and pick up jt 183 Hold safety meeting with all personal on location topic was high pressure lines, communication, hearing protection, personal H2S monitors. Pressure test N2 lines and start down hole with Nitrogen. Unload well pressure at 1300 psi unloaded 98 bbls to frac tank. Crew change at 6:00 Tail gate safety meeting with all contractors on location topic was communication, hearing protection high pressure lines also went through N2 emergency shut down system. Continue to unload fluid
9	9/9/2012	9/10/2012	This is the report on the MCU O17 Capital Producer Key rig #27. Unload well and the stripper head started to leak, bleed off pressure and fix the situation.Put N2 back on line and unload well. Tag plug and started to mill. Milling operations were 6K down pressure at 900 psi back side pressure at 20 psi with good returns. N2 package running at 1500 CFM O2% at 5% mist with 6 bbls and hour run 4 gal of soap milled out shoe and continue to milling out to 5777. Milled for 8 hours making 1 ft and hour returns were formation shale small pieces of metal.The mill was wearing down due to high torque and a part of the shoe. Pull up and run a 5 bbl swipe and had good returns. hang back swivel. Crew change at 18:00 hours Tail gate safety meeting with rig crew topic was hand placement tripping DP, high pressure lines.. Start TOH with BHA. Taking a look at the mill decided to run 4 3/4 button bit. Make up BHA and TIH to 5772. Rig-up swivel on jt 184 and go down hole with N2 unit to unload well. Started drilling slow and working DP to finish drilling out the remaining pieces of the shoe to 5779. Drilled out from 5779 to TD at 5882. with a penetration rate of 30 ft a hour. Drilling operations were 10 K down pressure leveling of at 800 psi backside side pressure at 40 psi with good returns of formation shale oil and water. CFM on N2 unit at 1500, O2% at 5%, mist at 6 bbls an hour, 3 gal of soap.Work DP and run 6 bbls sweeps to clean -up well bore. Crew change at 6:00 Tail gate safety meeting with rig crew topic was good housekeeping, tripping DP, well control. Continue cleaning well bore
10	9/10/2012	9/11/2012	Report on MCU O-17 Capital Producer Key Rig 27, Continue to clean well bore. Hang swivel back in derrick. Tbg flowing, Pump 10 bbls fresh water down tbg, Tbg dead. Lay down 4 jts 2 7/8 AHO DP. Casing flowing, Pump 50 bbls Fresh water, TBG & CSG dead. TOH 173 jts 2 7/8 DP. Lay down 10 jts HWDP, float sub, bit sub, and bit. Crew took lunch while Lansing moved Weatherford air package off loc, Transfer HWDP to trailer and DC from trailer to racks. Spotted in Weatherford wireline logging truck, JSA w/ everyone on loc (Wireline Safety, Keep Away from source when loading & unloading) Rig up wireline unit, P/U tools RIH log from TD 5882' to casing shoe 5768', ROH lay down 1st tools P/U 2 nd tools, RIH log from TD 5882' to surface, Lay down tools, Rig down Wireline and Release. While logging had a Crew change Safety Meeting fill out JSA (Wireline Safety, Tripping DP). P/U Taper & Watermelon Mill, 6 jts Drill Collars. TIH 173 jts 2 7/8 DP. P/U 4 jts DP run mill to 5787'. Work Mills through casing shoe with no drag. TOH 177 jts 2 7/8 DP. Lay down 6 jts DC, Watermelon and Taper Mill. TIH 13 jts Tail pipe, P/U Treating PKR, TIH 42 jts DP. Crew Change @ 0600 hrs.



## Daily Well Report

## Well Name: Mcelmo Cr O17

API Number 43037302890000	Section	Township	Range	Field Name McElmo Creek	County San Juan	State/Province Utah	Wellbore Config Vertical
Ground Elevation (ft)	Casing Flange Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	Well Spud Date/Time 7/12/1976 00:00	Rig Release Date/Time		

Report Number	Start Date	End Date	Summary
11	9/11/2012	9/12/2012	Report on MCU O-17 Capital Producer Key 27, Crew change @ 0600 hrs Safety Meeting fill out JSA (Tripping DP, Hand placement, DP Handling) Continue to TIH, 122 jts DP. P/U jts 3 DP, Set PKR element @ 5265', End of tail @ 5680', Fill backside with 25 bbls produce water, PSI up to 800psi, for 20 min test good, Bleed down to 300psi for acid job. Acid truck and crew at the gate, Check crew for proper cards, 1 crew member does not have Resolute Orientation card, He stayed off loc until card was confirmed with Troy or Nate, Called Nate & Troy left message, Spot in trucks, JSA with everyone on loc (Acid Safety, Shower Usage, Emergency Plan) Rig up lines to Drill Pipe and Pit. Crew supervisor needs other crew member to complete the job, Called Troy, Acid crew member is not on roster suggested to send member down to attend Orientation, He was taken down by supervisor for orientation, Wait on Crew to return. Supervisor and crew member returned, Hold Refresher Safety Meeting begin with acid job, PSI test lines to 3900psi, Test good, Pump 10 bbls Fresh water head, 30 bbls 28% HCL Acid, 56 bbls Fresh water flush, Shut down pump psi dropped to 0psi, Waited on 5, 10, 15, Still 0psi, Shut in well, Rig down lines, Release Acid crew. Wait two hours for Acid to soak. Open well 0 psi on tbg, Call notify Jim, Ok not to swab, Waited on weather for 30 min, Fix lay down line, Line was spooled incorrectly. Released Treating PKR, Lay down 167 jts DP, Treating PKR, 13 jts DP, Moving Pipe from racks to trailer when needed. Transfer 2 7/8 seamless tbg from trailer to racks Tally & remove caps, Pick up 98 jts 2 7/8 Seamless tbg.
12	9/12/2012	9/13/2012	Report on MCU O-17 Capital Producer Key Rig 27, Crew Change @ 0600 Safety Meeting fill out JSA (Picking up tbg, Slippery conditions) Continue to pick up tbg, Pick 75 jts tbg. Crew JSA (Tripping TBG) TOH 173 jts 2 7/8 seamless tbg. Crew took lunch while Baker spotted in trailer with pump. Wait on weather to pick up pump, Rain died out begin picking up pump. Pick up 4' sub, with Centralizer on bottom of Centinel, Service Centinel, Motor, Seal and Seal with CL-5 oil, Pick up Gas Separator, Pump and Pump, 4' sub top of pump with Centralizer, Ran in 2 jts, Check Valve, 1 jt, Sliding Sleeve. TIH 170 jts 2 7/8 Seamless tbg, Check Centinel Signal every 20 stds with good readings. Crew change @ 1800 hrs Safety Meeting fill out JSA (Landing TBG, Rig down floor, Nipple Down BOP). Spliced in new LEC, Check Centinel Signal, Landed tbg with Hanger, Centinel @ 5674', Motor @ 5670', Seal @ 5647' Intake @ 5641', Pump @ 5624'. Rig down tbg tongs, tools, handrails, and rig floor. Nipple down and remove BOP, Place BOP on skid. Check Centinel Signal thru Mandrel with good readings, Centinel Intake PSI @ 1862 psi, Centinel Intake Temp @ 126 deg., Centinel Motor Temp @ 119.1 deg. Rig down for rig move, Light plant went down @ 2200, due to bad alternator, dead batterys, Chrage batterys restart light plant @ 0100 hrs, Continue to rig down and secure equipment for rig move.
13	9/13/2012	9/14/2012	This is the report on MCU O-17 Capital Producer Key rig #27 Finish rigging down all equipment . Rig down service unit and finish loading all equipenmt. Have equipment ready to move to MCU M-15
14	9/14/2012	9/14/2012	LJB clean lloc.
15	9/19/2012	9/19/2012	Hooking up wellhead, trenching across loc to hook into production line. Backhoe broke down. Left 6 jts green band on ground. See if still there in the morning

<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> 1420603263
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> NAVAJO
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>7. UNIT or CA AGREEMENT NAME:</b> MCELMO CREEK
<b>1. TYPE OF WELL</b> Oil Well		<b>8. WELL NAME and NUMBER:</b> MCELMO CRK O-17
<b>2. NAME OF OPERATOR:</b> RESOLUTE NATURAL RESOURCES		<b>9. API NUMBER:</b> 43037302890000
<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
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0631 FNL 1848 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 08 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 type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<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 checked="" type="checkbox"/> DRILLING REPORT Report Date: 10/26/2012	<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 checked="" type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

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

Resolute completed this well on 9-23-12, with a rate of 176 BOPD, 879 mcf/d, 1269 BWP/D. Drilling report is attached.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
October 29, 2012**

<b>NAME (PLEASE PRINT)</b> Shery Glass	<b>PHONE NUMBER</b> 303 573-4886	<b>TITLE</b> Sr Regulatory Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/26/2012	



## Daily Well Report

## Well Name: Mcelmo Cr O17

API Number 43037302890000	Section	Township	Range	Field Name McElmo Creek	County San Juan	State/Province Utah	Wellbore Config Vertical
Ground Elevation (ft)	Casing Flange Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	Well Spud Date/Time 7/12/1976 00:00	Rig Release Date/Time		

Job Category Completion/Workover	Primary Job Type Recompletion	Secondary Job Type	Working Interest (%) 72.25
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Start Date 9/4/2012	End Date 9/14/2012	AFE Number 10012760
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Objective  
Job scope: Pull existing rods and tubing, drill out of the existing 5-1/2" casing shoe at 5768' and deepen 114' to a projected depth of 5882' (30' below the base of the DC-IIC) using nitrogen as required; stimulate the open hole IIC section, and run new tubing with submersible pump equipment. This expenditure will include upgrade of the electrical supply to the well and re-sizing the flowline to handle increased production.

Contractor Key	Rig Number 27	Rig Type	Rig Start Date 8/31/2012	Rig Release Date 9/14/2012
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Report Number	Start Date	End Date	Summary
1	8/29/2012	8/29/2012	Lansing build loc.
2	8/30/2012	8/30/2012	
3	8/31/2012	8/31/2012	Hummingbird Surveying, LLC came out surveyed Location and produced the Survey Plats
4	9/4/2012	9/5/2012	Report for M.C.U. O-17 Capital Producer Key Rig 27, Move rig & equipment from Key yard in Montezuma to MCU O-17, Also brought Drill Pipe and Close Loop System back from town. LJB on loc with backhoe to level rig skid, Set skid, spotted in rig pit, pump, gas buster, solids bin, upright tank, power swivel pac, accumulator, and set diesel tank on liner Fraleys brought 1500 gals Diesel, Leveled unit and Raise derrick @ 1630 hrs, Secured guide lines. Crew change @ 1800 hrs Safety Meeting fill out JSA on (Rigging up, Team work, Forklift Operations) Setup and secure hand rails, being rigging up flow line to lay down tanks, Rig up choke manifold, Had to go to key yard to get rod tongs. SITP 0psi SICP 500psi, Open well to lay down tanks bleed off psi, Return 10 bbls oily fluid and gas, TBG & CSG dead. L/D polish rod, Stuffing box, Ratigan, and Pumping T, R/U rod table, Lay down 94- 7/8 rods, 130- 3/4 rods. Crew Change 0600 hrs.
5	9/5/2012	9/6/2012	Report for M.C.U. O-17 Capital Producer Key Rig 27, Crew Change @ 0600 Safety Meeting fill JSA (Lay down rods, Nipple up BOP) Finishing lay down 3/4 rods, Rod pump, Gas anchor, Lay down total of 1- 4' rod sub, 94- 7/8, 133- 3/4, 2- 4' Stabilizer rod, LJB took rods to MCU pipe yard. Open well to lay down tanks, While waiting on TIW and HWDP spiral from Farmington, Trailer on loc unload 20 jts HWDP. P/U pub jt with TIW, well flowing gas, pump 10 bbls produce water down casing, Well dead, Try to unscrew casing cap, Hammer wings on cap broke off, Used 48' pipe wrench to remove cap. Release TAC, Install lower section of BOP, HRC valve, Pipe & Blind rams, Pick and make up upper section of the BOP, Hydril bag and Rotating head, Secure all bolts check for proper operation on Rams. Respot gas buster rig up steel flex line from BOP to gas buster, Move choke manifold to rig up steel flex line from HCR valve to choke, Rig up floor, steps, and hand rails. Crew change @ 1800 hrs Safety Meeting fill out JSA (Forklift Operations, PSI on lines, Tripping TBG). Finish rigging up floor with tools, TBG tongs, stairs off driller side, Spot in cat walk, Rig up Vdoor slide, Pipe racks, Welder on loc fab up flow line from gas buster to shaker, make up 3" hard lines from choke to lay down tanks. Lay down pub jt, Pull 1 jt TBG with TIW, P/U PKR, Run in the hole set PKR 1 jt down, PSI test BOP Pipe Rams, Hydril bag 200-low 800- high, Leak at 2" nipple, Tighten connection, Retest, Tested good, Release PKR, Pull and Lay down PKR. Crew took lunch. Made up rotating head, Trip out of hole standing back and tally 178 jts of TBG, Lay down TBG Anchor. Crew Change 0600 hrs.
6	9/6/2012	9/7/2012	Report M.C.U. O-17 Capital Producer Key Rig 27, Crew Change @ 0600 hrs Safety Meeting fill out JSA (Tripping tbg, Pumping operations) TOH 6 jts of tbg, Lay down Seat Nipple and Bull plug. Pick up and make bit and scraper, Trip in the hole 183 jts tbg, Bit and Scraper @ 5670'. Make up pumping T to tbg, Pump 150 bbls Produce water No circulation, Rig down pumping T. TOH w/ bit and scraper, 183 jts, Lay down Bit and scraper. Crew took lunch while waiting on Bluejet to arrive on loc. Bluejet on loc, Spot in truck, JSA w/ everyone on loc (Wireline Safety, Keep clear of floor, Communication) Rig up wireline equipment, Run casing log F/ 5770' T/ 2000', Rig down wireline equipment. Pick up RBP start tripping in the hole, Trip in the hole 40 jts tbg. Crew change @ 1800 hrs Safety Meeting fill out JSA (Communication, Teamwork, Watching for one another) Continue to Trip in the hole 141 jts. Attempt to set RBP @ 5600' RBP won't set, Slipping, Pull 1 std, RBP still slipping, Pull 2 stds RBP still slipping, TIH 5 stds, Pick up 1 jts 2 7/8 AOH DP, Tag bottom to check if RBP was still there, Lay down jt of DP, TOH 6 stds tbg, Attempt to set RBP @ 5360', RBP set, Pulled 25K over, RBP set. Lay down 4 jts tbg, Make up pumping T to tbg, Pump 61 bbls to break circ, Continue to circ for 30 min to circ gas out of well for Cement Bond Log. Shut in well, PSI test csg to 500psi for 20 min, Tested good, Release PSI, Rig down Pumping T. Lay down 133 jts tbg, Fill hole for CBL log, Finish laying down 40 jts tbg. Rig up Bluejet, Pick up CBL log too, RIH start logging from 5360' to 1700', Top of cement is 4930', Rig down Wireline, Release Bluejet. Crew change @ 0600 hrs.



## Daily Well Report

## Well Name: Mcelmo Cr O17

API Number 43037302890000	Section	Township	Range	Field Name McElmo Creek	County San Juan	State/Province Utah	Wellbore Config Vertical
Ground Elevation (ft)	Casing Flange Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	Well Spud Date/Time 7/12/1976 00:00	Rig Release Date/Time		

Report Number	Start Date	End Date	Summary
7	9/7/2012	9/8/2012	This is the report on the MCU O-17 Capital Producer key rig #27 Finish nipple down BOP stack and rigging down rig floor. Had LJB on location to dig 2 ft around well head. .Knock off cap on surface head. Wait on Baker tool hand. Had ABC monitor around well head. Readings were 100% LEL and H2S level at 220 PPM. Held safety meeting with 14 personal on location discuss fire extinguisher, fire watch, grinding, chipping,also monitoring around well head. Circulate with F/W to clear all gases. Monitor readings 0 on all readings. Cut off bowl and spear casing, pull 80 K up and release slips and release spear. Started in on cutting 8 5/8 when we had to change out welders. Call Ivan about the situation. Waited on another welder. Finish cutting off 8 5/8 and weld up slip bore in to place. Weld up new 8 5/8 well head. Back fill hole and pick up spear and pull 60 K to set slips.Crew change at 1800 hour tail gate safety meeting with rig crew topic was suspended loads, hand placement, communication. Install new 3000# B section and nipple up test void to 1800 psi. Bleed off pressure and release WSI. Nipple up BOP stack and rig up floor. Set pipe rack and catwalk and transfer AHO to rack and tally. Make up retrieve tools and pick up 9 jts to 288.ft. Pressure test BOP stack and retrieve plug TOH with plug. Make-up 2 retrieve tool and TIH and start picking up AOH Tubing. Transfer a total of 175 jt tally and pick-up 95 jts Crew change at 6:00 Tail gate safety meeting with rig crew Topic was picking-up Drill pipe, hand placement, tong operations. Finish picking up 169 jts to 5337.46. Shut down to spot in N2 unit
8	9/8/2012	9/9/2012	This is the report on the MCU O-17 Capital Producer Key rig #27 Finish spotting in N2 unit. Latch on to RBP and release well on a vac. TOH with plug. Nipple down BOP stack and rig floor to install G-45 head. Nipple-up stack and rig floor Pick-up packer an set to presure test BOP stact to 200 low and 900 high. Release packer and lay it down. Make up BHA with 4 3/4 3 blade junk mill and start picking up heavy weight spiral drill pipe.. Crew change at 1800 hours tail gate safety meeting with rig crew topic was hand placement, communication, tripping DP. Finish picking up HW and put blank flange into place. TIH to 5362. Start picking up singles and tag 10 ft in on jt 183 at the depth of 5751 .While Rig up power swivel their was a connection between the motors that had to be replace. Repair swivel and pick up jt 183 Hold safety meeting with all personal on location topic was high pressure lines, communication, hearing protection, personal H2S monitors. Pressure test N2 lines and start down hole with Nitrogen. Unload well pressure at 1300 psi unloaded 98 bbls to frac tank. Crew change at 6:00 Tail gate safety meeting with all contractors on location topic was communication, hearing protection high pressure lines also went through N2 emergency shut down system. Continue to unload fluid
9	9/9/2012	9/10/2012	This is the report on the MCU O17 Capital Producer Key rig #27. Unload well and the stripper head started to leak, bleed off pressure and fix the situation.Put N2 back on line and unload well. Tag plug and started to mill. Milling operations were 6K down pressure at 900 psi back side pressure at 20 psi with good returns. N2 package running at 1500 CFM O2% at 5% mist with 6 bbls and hour run 4 gal of soap milled out shoe and continue to milling out to 5777. Milled for 8 hours making 1 ft and hour returns were formation shale small pieces of metal.The mill was wearing down due to high torque and a part of the shoe. Pull up and run a 5 bbl swipe and had good returns. hang back swivel. Crew change at 18:00 hours Tail gate safety meeting with rig crew topic was hand placement tripping DP, high pressure lines.. Start TOH with BHA. Taking a look at the mill decided to run 4 3/4 button bit. Make up BHA and TIH to 5772. Rig-up swivel on jt 184 and go down hole with N2 unit to unload well. Started drilling slow and working DP to finish drilling out the remaining pieces of the shoe to 5779. Drilled out from 5779 to TD at 5882. with a penetration rate of 30 ft a hour. Drilling operations were 10 K down pressure leveling of at 800 psi backside side pressure at 40 psi with good returns of formation shale oil and water. CFM on N2 unit at 1500, O2% at 5%, mist at 6 bbls an hour, 3 gal of soap.Work DP and run 6 bbls sweeps to clean -up well bore. Crew change at 6:00 Tail gate safety meeting with rig crew topic was good housekeeping, tripping DP, well control. Continue cleaning well bore
10	9/10/2012	9/11/2012	Report on MCU O-17 Capital Producer Key Rig 27, Continue to clean well bore. Hang swivel back in derrick. Tbg flowing, Pump 10 bbls fresh water down tbg, Tbg dead. Lay down 4 jts 2 7/8 AHO DP. Casing flowing, Pump 50 bbls Fresh water, TBG & CSG dead. TOH 173 jts 2 7/8 DP. Lay down 10 jts HWDP, float sub, bit sub, and bit. Crew took lunch while Lansing moved Weatherford air package off loc, Transfer HWDP to trailer and DC from trailer to racks. Spotted in Weatherford wireline logging truck, JSA w/ everyone on loc (Wireline Safety, Keep Away from source when loading & unloading) Rig up wireline unit, P/U tools RIH log from TD 5882' to casing shoe 5768', ROH lay down 1st tools P/U 2 nd tools, RIH log from TD 5882' to surface, Lay down tools, Rig down Wireline and Release. While logging had a Crew change Safety Meeting fill out JSA (Wireline Safety, Tripping DP). P/U Taper & Watermelon Mill, 6 jts Drill Collars. TIH 173 jts 2 7/8 DP. P/U 4 jts DP run mill to 5787'. Work Mills through casing shoe with no drag. TOH 177 jts 2 7/8 DP. Lay down 6 jts DC, Watermelon and Taper Mill. TIH 13 jts Tail pipe, P/U Treating PKR, TIH 42 jts DP. Crew Change @ 0600 hrs.



## Daily Well Report

## Well Name: Mcelmo Cr O17

API Number 43037302890000	Section	Township	Range	Field Name McElmo Creek	County San Juan	State/Province Utah	Wellbore Config Vertical
Ground Elevation (ft)	Casing Flange Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	Well Spud Date/Time 7/12/1976 00:00	Rig Release Date/Time		

Report Number	Start Date	End Date	Summary
11	9/11/2012	9/12/2012	Report on MCU O-17 Capital Producer Key 27, Crew change @ 0600 hrs Safety Meeting fill out JSA (Tripping DP, Hand placement, DP Handling) Continue to TIH, 122 jts DP. P/U jts 3 DP, Set PKR element @ 5265', End of tail @ 5680', Fill backside with 25 bbls produce water, PSI up to 800psi, for 20 min test good, Bleed down to 300psi for acid job. Acid truck and crew at the gate, Check crew for proper cards, 1 crew member does not have Resolute Orientation card, He stayed off loc until card was confirmed with Troy or Nate, Called Nate & Troy left message, Spot in trucks, JSA with everyone on loc (Acid Safety, Shower Usage, Emergency Plan) Rig up lines to Drill Pipe and Pit. Crew supervisor needs other crew member to complete the job, Called Troy, Acid crew member is not on roster suggested to send member down to attend Orientation, He was taken down by supervisor for orientation, Wait on Crew to return. Supervisor and crew member returned, Hold Refresher Safety Meeting begin with acid job, PSI test lines to 3900psi, Test good, Pump 10 bbls Fresh water head, 30 bbls 28% HCL Acid, 56 bbls Fresh water flush, Shut down pump psi dropped to 0psi, Waited on 5, 10, 15, Still 0psi, Shut in well, Rig down lines, Release Acid crew. Wait two hours for Acid to soak. Open well 0 psi on tbg, Call notify Jim, Ok not to swab, Waited on weather for 30 min, Fix lay down line, Line was spooled incorrectly. Released Treating PKR, Lay down 167 jts DP, Treating PKR, 13 jts DP, Moving Pipe from racks to trailer when needed. Transfer 2 7/8 seamless tbg from trailer to racks Tally & remove caps, Pick up 98 jts 2 7/8 Seamless tbg.
12	9/12/2012	9/13/2012	Report on MCU O-17 Capital Producer Key Rig 27, Crew Change @ 0600 Safety Meeting fill out JSA (Picking up tbg, Slippery conditions) Continue to pick up tbg, Pick 75 jts tbg. Crew JSA (Tripping TBG) TOH 173 jts 2 7/8 seamless tbg. Crew took lunch while Baker spotted in trailer with pump. Wait on weather to pick up pump, Rain died out begin picking up pump. Pick up 4' sub, with Centralizer on bottom of Centinel, Service Centinel, Motor, Seal and Seal with CL-5 oil, Pick up Gas Separator, Pump and Pump, 4' sub top of pump with Centralizer, Ran in 2 jts, Check Valve, 1 jt, Sliding Sleeve. TIH 170 jts 2 7/8 Seamless tbg, Check Centinel Signal every 20 stds with good readings. Crew change @ 1800 hrs Safety Meeting fill out JSA (Landing TBG, Rig down floor, Nipple Down BOP). Spliced in new LEC, Check Centinel Signal, Landed tbg with Hanger, Centinel @ 5674', Motor @ 5670', Seal @ 5647' Intake @ 5641', Pump @ 5624'. Rig down tbg tongs, tools, handrails, and rig floor. Nipple down and remove BOP, Place BOP on skid. Check Centinel Signal thru Mandrel with good readings, Centinel Intake PSI @ 1862 psi, Centinel Intake Temp @ 126 deg., Centinel Motor Temp @ 119.1 deg. Rig down for rig move, Light plant went down @ 2200, due to bad alternator, dead batteries, Chrage batterys restart light plant @ 0100 hrs, Continue to rig down and secure equipment for rig move.
13	9/13/2012	9/14/2012	This is the report on MCU O-17 Capital Producer Key rig #27 Finish rigging down all equipment . Rig down service unit and finish loading all equipenmt. Have equipment ready to move to MCU M-15
14	9/14/2012	9/14/2012	LJB clean lloc.
15	9/17/2012	9/17/2012	Set electrical Equipment for ESP pump
16	9/19/2012	9/19/2012	Hooking up wellhead, trenching across loc to hook into production line. Backhoe broke down. Left 6 jts green band on ground. See if still there in the morning

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

AMENDED REPORT  FORM 8  
(highlight changes)

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>1420603263</b>
b. TYPE OF WORK: NEW WELL <input type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input checked="" type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <b>Navajo</b>
2. NAME OF OPERATOR: <b>Resolute Natural Resources</b>		7. UNIT or CA AGREEMENT NAME: <b>McElmo Creek</b>
3. ADDRESS OF OPERATOR: <b>1675 Broadway, Ste 195</b> CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>80202</b> PHONE NUMBER: <b>(303) 573-4886</b>		8. WELL NAME and NUMBER: <b>McElmo Crk O-17</b>
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: <b>631 FNL, 1848 FWL</b> AT TOP PRODUCING INTERVAL REPORTED BELOW: <b>631 FNL, 1848 FWL</b> AT TOTAL DEPTH: <b>631 FNL, 1848 FWL</b>		9. API NUMBER: <b>4303730289</b>
14. DATE SPUDDED: <b>9/4/2012</b> 15. DATE T.D. REACHED: <b>9/14/2012</b> 16. DATE COMPLETED: <b>9/23/2012</b> ABANDONED <input type="checkbox"/> READY TO PRODUCE <input checked="" type="checkbox"/>		10. FIELD AND POOL, OR WILDCAT: <b>Greater Aneth</b>
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) <b>Cement bond log</b>		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NENW 8 41S 25E S</b>
23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit copy)		12. COUNTY: <b>San Juan</b> 13. STATE: <b>UTAH</b>

**RECEIVED**  
*Oct 30 2012*  
**DIV. OF OIL, GAS & MINING**

17. ELEVATIONS (DF, RKB, RT, GL): <b>4902 GL</b>	18. TOTAL DEPTH: MD <b>5,882</b> TVD <b>5,882</b>	19. PLUG BACK T.D.: MD _____ TVD _____	20. IF MULTIPLE COMPLETIONS, HOW MANY? *	21. DEPTH BRIDGE MD _____ PLUG SET: TVD _____
---	---	--	--	---

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
12.25	8.675 K-55	24	0	1,660		B 900		0	
7.875	5.5 J-55	14	0	5,768		B 700			

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2.875	5,503							

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Desert Creek IA	5,690		5,690					Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B) Desert Creek IB	5,710		5,710					Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(C) Desert Creek IIC	5,784		5,784					Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
5680 to TD open hole	10 bbls FW head, 30 bbls 28% HCl acid, 56 bbls FW flush

29. ENCLOSED ATTACHMENTS: <input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION <input type="checkbox"/> GEOLOGIC REPORT <input type="checkbox"/> CORE ANALYSIS <input type="checkbox"/> DST REPORT <input type="checkbox"/> DIRECTIONAL SURVEY <input checked="" type="checkbox"/> OTHER: <u>gas analysis</u>	30. WELL STATUS:  <b>producing</b>
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## 31. INITIAL PRODUCTION

## INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 9/23/2012	TEST DATE: 9/25/2012	HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL - BBL: 176	GAS - MCF: 879	WATER - BBL: 1,269	PROD. METHOD: pumping		
CHOKO SIZE: full open	TBG. PRESS. 500	CSG. PRESS. 250	API GRAVITY 42.30	BTU - GAS 1,393	GAS/OIL RATIO 4,994	24 HR PRODUCTION RATES: →	OIL - BBL: 176	GAS - MCF: 879	WATER - BBL: 1,269	INTERVAL STATUS: producing

## INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:		
CHOKO SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

## INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:		
CHOKO SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

## INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:		
CHOKO SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

## 32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

sold

## 33. SUMMARY OF POROUS ZONES (Include Aquifers):

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.

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Upper Ismay	5,534			Chimney Rock Shale	5,878
Lower Ismay	5,619				
Gothic Shale	5,677				
Desert Creek IA	5,690				
Desert Creek IB	5,710				
Desert Creek IC	5,720				
Desert Creek IIA	5,743				
Desert Creek IIB	5,763				
Desert Creek IIC	5,784				
Desert Creek III	5,852				

## 34. FORMATION (Log) MARKERS:

## 35. ADDITIONAL REMARKS (Include plugging procedure)

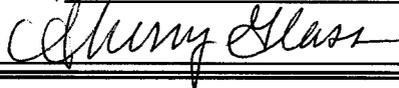
Well is lifted by electrical submersible pump.

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

NAME (PLEASE PRINT) Sherry Glass

TITLE Sr Regulatory Technician

SIGNATURE



DATE 10/26/2012

This report must be submitted within 30 days of

- completing or plugging a new well
- reentering a previously plugged and abandoned well
- drilling horizontal laterals from an existing well bore
- significantly deepening an existing well bore below the previous bottom-hole depth
- recompleting to a different producing formation
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

**5. LEASE DESIGNATION AND SERIAL NUMBER:**  
1420603263

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**6. IF INDIAN, ALLOTTEE OR TRIBE NAME:**  
NAVAJO

**7. UNIT or CA AGREEMENT NAME:**  
MCELMO CREEK

**1. TYPE OF WELL**  
Oil Well

**8. WELL NAME and NUMBER:**  
MCELMO CRK O-17

**2. NAME OF OPERATOR:**  
RESOLUTE NATURAL RESOURCES

**9. API NUMBER:**  
43037302890000

**3. ADDRESS OF OPERATOR:**  
1675 Boradway Ste 1950 , Denver, CO, 80202

**PHONE NUMBER:**  
303 534-4600 Ext

**9. FIELD and POOL or WILDCAT:**  
GREATER ANETH

**4. LOCATION OF WELL**  
**FOOTAGES AT SURFACE:**  
0631 FNL 1848 FWL  
**QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:**  
Qtr/Qtr: NENW Section: 08 Township: 41.0S Range: 25.0E Meridian: S

**COUNTY:**  
SAN JUAN

**STATE:**  
UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE	<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"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<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"/> 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"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME		
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 10/26/2012	OTHER: <input type="text"/>		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
Resolute completed this well on 9-23-12, with a rate of 176 BOPD, 879 mcf, 1269 BWPD. Drilling report is attached.

<b>NAME (PLEASE PRINT)</b> Sherry Glass	<b>PHONE NUMBER</b> 303 573-4886	<b>TITLE</b> Sr Regulatory Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/26/2012	

# RESOLUTE

NATURAL RESOURCES

## Daily Well Report

Well Name: **Mcelmo Cr O17**

API Number 43037302890000	Section	Township	Range	Field Name McElmo Creek	County San Juan	State/Province Utah	Wellbore Config Vertical
Ground Elevation (ft)	Casing Flange Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	Well Spud Date/Time 7/12/1976 00:00	Rig Release Date/Time		

Job Category Completion/Workover	Primary Job Type Recompletion	Secondary Job Type	Working Interest (%) 72.25
Start Date 9/4/2012	End Date 9/14/2012	AFE Number	10012760

Objective  
Job scope: Pull existing rods and tubing, drill out of the existing 5-1/2" casing shoe at 5768' and deepen 114' to a projected depth of 5882' (30' below the base of the DC-IIC) using nitrogen as required; stimulate the open hole IIC section, and run new tubing with submersible pump equipment. This expenditure will include upgrade of the electrical supply to the well and re-sizing the flowline to handle increased production.

Contractor Key	Rig Number 27	Rig Type	Rig Start Date 8/31/2012	Rig Release Date 9/14/2012
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Report Number	Start Date	End Date	Summary
1	8/29/2012	8/29/2012	Lansing build loc.
2	8/30/2012	8/30/2012	
3	8/31/2012	8/31/2012	Hummingbird Surveying, LLC came out surveyed Location and produced the Survey Plats
4	9/4/2012	9/5/2012	Report for M.C.U. O-17 Capital Producer Key Rig 27, Move rig & equipment from Key yard in Montezuma to MCU O-17, Also brought Drill Pipe and Close Loop System back from town. LJB on loc with backhoe to level rig skid, Set skid, spotted in rig pit, pump, gas buster, solids bin, upright tank, power swivel pac, accumulator, and set diesel tank on liner Fraleys brought 1500 gals Diesel, Leveled unit and Raise derrick @ 1630 hrs, Secured guide lines. Crew change @ 1800 hrs Safety Meeting fill out JSA on (Rigging up, Team work, Forklift Operations) Setup and secure hand rails, being rigging up flow line to lay down tanks, Rig up choke manifold, Had to go to key yard to get rod tongs. SITP 0psi SICP 500psi, Open well to lay down tanks bleed off psi, Return 10 bbls oily fluid and gas, TBG & CSG dead. L/D polish rod, Stuffing box, Ratigan, and Pumping T, R/U rod table, Lay down 94- 7/8 rods, 130- 3/4 rods. Crew Change 0600 hrs.
5	9/5/2012	9/6/2012	Report for M.C.U. O-17 Capital Producer Key Rig 27, Crew Change @ 0600 Safety Meeting fill JSA (Lay down rods, Nipple up BOP) Finishing lay down 3/4 rods, Rod pump, Gas anchor, Lay down total of 1- 4' rod sub, 94- 7/8, 133- 3/4, 2- 4' Stabilizer rod, LJB took rods to MCU pipe yard. Open well to lay down tanks, While waiting on TIW and HWDP spiral from Farmington, Trailer on loc unload 20 jts HWDP. P/U pub jt with TIW, well flowing gas, pump 10 bbls produce water down casing, Well dead, Try to unscrew casing cap, Hammer wings on cap broke off, Used 48' pipe wrench to remove cap. Release TAC, Install lower section of BOP, HRC valve, Pipe & Blind rams, Pick and make up upper section of the BOP, Hydril bag and Rotating head, Secure all bolts check for proper operation on Rams. Respot gas buster rig up steel flex line from BOP to gas buster, Move choke manifold to rig up steel flex line from HCR valve to choke, Rig up floor, steps, and hand rails. Crew change @ 1800 hrs Safety Meeting fill out JSA (Forklift Operations, PSI on lines, Tripping TBG). Finish rigging up floor with tools, TBG tongs, stairs off driller side, Spot in cat walk, Rig up Vdoor slide, Pipe racks, Welder on loc fab up flow line from gas buster to shaker, make up 3" hard lines from choke to lay down tanks. Lay down pub jt, Pull 1 jt TBG with TIW, P/U PKR, Run in the hole set PKR 1 jt down, PSI test BOP Pipe Rams, Hydril bag 200- low 800- high, Leak at 2" nipple, Tighten connection, Retest, Tested good, Release PKR, Pull and Lay down PKR. Crew took lunch. Made up rotating head, Trip out of hole standing back and tally 178 jts of TBG, Lay down TBG Anchor. Crew Change 0600 hrs.
6	9/6/2012	9/7/2012	Report M.C.U. O-17 Capital Producer Key Rig 27, Crew Change @ 0600 hrs Safety Meeting fill out JSA (Tripping tbg, Pumping operations) TOH 6 jts of tbg, Lay down Seat Nipple and Bull plug. Pick up and make bit and scraper, Trip in the hole 183 jts tbg, Bit and Scraper @ 5670'. Make up pumping T to tbg, Pump 150 bbls Produce water No circulation, Rig down pumping T. TOH w/ bit and scraper, 183 jts, Lay down Bit and scraper. Crew took lunch while waiting on Bluejet to arrive on loc. Bluejet on loc, Spot in truck, JSA w/ everyone on loc (Wireline Safety, Keep clear of floor, Communication) Rig up wireline equipment, Run casing log F/ 5770' T/ 2000', Rig down wireline equipment. Pick up RBP start tripping in the hole, Trip in the hole 40 jts tbg. Crew change @ 1800 hrs Safety Meeting fill out JSA (Communication, Teamwork, Watching for one another) Continue to Trip in the hole 141 jts. Attempt to set RBP @ 5600' RBP won't set, Slipping, Pull 1 std, RBP still slipping, Pull 2 stds RBP still slipping, TIH 5 stds, Pick up 1 jts 2 7/8 AOH DP, Tag bottom to check if RBP was still there, Lay down jt of DP, TOH 6 stds tbg, Attempt to set RBP @ 5360', RBP set, Pulled 25K over, RBP set. Lay down 4 jts tbg, Make up pumping T to tbg, Pump 61 bbls to break circ, Continue to circ for 30 min to circ gas out of well for Cement Bond Log. Shut in well, PSI test csg to 500psi for 20 min, Tested good, Release PSI, Rig down Pumping T. Lay down 133 jts tbg, Fill hole for CBL log, Finish laying down 40 jts tbg. Rig up Bluejet, Pick up CBL log too, RIH start logging from 5360' to 1700', Top of cement is 4930', Rig down Wireline, Release Bluejet. Crew change @ 0600 hrs.

# RESOLUTE

NATURAL RESOURCES

## Daily Well Report

Well Name: **Mcelmo Cr O17**

API Number 43037302890000	Section	Township	Range	Field Name McElmo Creek	County San Juan	State/Province Utah	Wellbore Config Vertical
Ground Elevation (ft)	Casing Flange Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	Well Spud Date/Time 7/12/1976 00:00	Rig Release Date/Time		

Report Number	Start Date	End Date	Summary
7	9/7/2012	9/8/2012	This is the report on the MCU O-17 Capital Producer key rig #27 Finish nipple down BOP stack and rigging down rig floor. Had LJB on location to dig 2 ft around well head. .Knock off cap on surface head. Wait on Baker tool hand. Had ABC monitor around well head. Readings were 100% LEL and H2S level at 220 PPM. Held safety meeting with 14 personal on location discuss fire extinguisher, fire watch, grinding, chipping,also monitoring around well head. Circulate with F/W to clear all gases. Monitor readings 0 on all readings. Cut off bowl and spear casing, pull 80 K up and release slips and release spear. Started in on cutting 8 5/8 when we had to change out welders. Call Ivan about the situation. Waited on another welder. Finish cutting off 8 5/8 and weld up slip bore in to place. Weld up new 8 5/8 well head. Back fill hole and pick up spear and pull 60 K to set slips.Crew change at 1800 hour tail gate safety meeting with rig crew topic was suspended loads, hand placement, communication. Install new 3000# B section and nipple up test void to 1800 psi. Bleed off pressure and release WSI. Nipple up BOP stack and rig up floor. Set pipe rack and catwalk and transfer AHO to rack and tally. Make up retrieve tools and pick up 9 jts to 288.ft. Pressure test BOP stack and retrieve plug TOH with plug. Make-up 2 retrieve tool and TIH and start picking up AOH Tubing. Transfer a total of 175 jt tally and pick-up 95 jts Crew change at 6:00 Tail gate safety meeting with rig crew Topic was picking-up Drill pipe, hand placement, tong operations. Finish picking up 169 jts to 5337.46. Shut down to spot in N2 unit
8	9/8/2012	9/9/2012	This is the report on the MCU O-17 Capital Producer Key rig #27 Finish spotting in N2 unit. Latch on to RBP and release well on a vac. TOH with plug. Nipple down BOP stack and rig floor to install G-45 head. Nipple-up stack and rig floor Pick-up packer an set to presure test BOP stack to 200 low and 900 high. Release packer and lay it down. Make up BHA with 4 3/4 3 blade junk mill and start picking up heavy weight spiral drill pipe.. Crew change at 1800 hours tail gate safety meeting with rig crew topic was hand placement, communication, tripping DP. Finish picking up HW and put blank flange into place. TIH to 5362. Start picking up singles and tag 10 ft in on jt 183 at the depth of 5751 .While Rig up power swivel their was a connection between the motors that had to be replace. Repair swivel and pick up jt 183 Hold safety meeting with all personal on location topic was high pressure lines, communication, hearing protection, personal H2S monitors. Pressure test N2 lines and start down hole with Nitrogen. Unload well pressure at 1300 psi unloaded 98 bbls to frac tank. Crew change at 6:00 Tail gate safety meeting with all contractors on location topic was communication, hearing protection high pressure lines also went through N2 emergency shut down system. Continue to unload fluid
9	9/9/2012	9/10/2012	This is the report on the MCU O17 Capital Producer Key rig #27. Unload well and the stripper head started to leak, bleed off pressure and fix the situation.Put N2 back on line and unload well. Tag plug and started to mill. Milling operations were 6K down pressure at 900 psi back side pressure at 20 psi with good returns. N2 package running at 1500 CFM O2% at 5% mist with 6 bbls and hour run 4 gal of soap milled out shoe and continue to milling out to 5777. Milled for 8 hours making 1 ft and hour returns were formation shale small pieces of metal.The mill was wearing down due to high torque and a part of the shoe. Pull up and run a 5 bbl swipe and had good returns. hang back swivel. Crew change at 18:00 hours Tail gate safety meeting with rig crew topic was hand placement tripping DP, high pressure lines.. Start TOH with BHA. Taking a look at the mill decided to run 4 3/4 button bit. Make up BHA and TIH to 5772. Rig-up swivel on jt 184 and go down hole with N2 unit to unload well. Started drilling slow and working DP to finish drilling out the remaining pieces of the shoe to 5779. Drilled out from 5779 to TD at 5882. with a penetration rate of 30 ft a hour. Drilling operations were 10 K down pressure leveling of at 800 psi backside side pressure at 40 psi with good returns of formation shale oil and water. CFM on N2 unit at 1500, O2% at 5%, mist at 6 bbls an hour, 3 gal of soap.Work DP and run 6 bbls sweeps to clean -up well bore. Crew change at 6:00 Tail gate safety meeting with rig crew topic was good housekeeping, tripping DP, well control. Continue cleaning well bore
10	9/10/2012	9/11/2012	Report on MCU O-17 Capital Producer Key Rig 27, Continue to clean well bore. Hang swivel back in derrick. Tbg flowing, Pump 10 bbls fresh water down tbg, Tbg dead. Lay down 4 jts 2 7/8 AHO DP. Casing flowing, Pump 50 bbls Fresh water, TBG & CSG dead. TOH 173 jts 2 7/8 DP. Lay down 10 jts HWDP, float sub, bit sub, and bit. Crew took lunch while Lansing moved Weatherford air package off loc, Transfer HWDP to trailer and DC from trailer to racks. Spotted in Weatherford wireline logging truck, JSA w/ everyone on loc (Wireline Safety, Keep Away from source when loading & unloading) Rig up wireline unit, P/U tools RIH log from TD 5882' to casing shoe 5768', ROH lay down 1st tools P/U 2 nd tools, RIH log from TD 5882' to surface, Lay down tools, Rig down Wireline and Release. While logging had a Crew change Safety Meeting fill out JSA (Wireline Safety, Tripping DP). P/U Taper & Watermelon Mill, 6 jts Drill Collars. TIH 173 jts 2 7/8 DP. P/U 4 jts DP run mill to 5787'. Work Mills through casing shoe with no drag. TOH 177 jts 2 7/8 DP. Lay down 6 jts DC, Watermelon and Taper Mill. TIH 13 jts Tail pipe, P/U Treating PKR, TIH 42 jts DP. Crew Change @ 0600 hrs.

# RESOLUTE

NATURAL RESOURCES

## Daily Well Report

Well Name: **Mcelmo Cr O17**

API Number 43037302890000	Section	Township	Range	Field Name McElmo Creek	County San Juan	State/Province Utah	Wellbore Config Vertical
Ground Elevation (ft)	Casing Flange Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	Well Spud Date/Time 7/12/1976 00:00	Rig Release Date/Time		

Report Number	Start Date	End Date	Summary
11	9/11/2012	9/12/2012	Report on MCU O-17 Capital Producer Key 27, Crew change @ 0600 hrs Safety Meeting fill out JSA (Tripping DP, Hand placement, DP Handling) Continue to TIH, 122 jts DP. P/U jts 3 DP, Set PKR element @ 5265', End of tail @ 5680', Fill backside with 25 bbls produce water, PSI up to 800psi, for 20 min test good, Bleed down to 300psi for acid job. Acid truck and crew at the gate, Check crew for proper cards, 1 crew member does not have Resolute Orientation card, He stayed off loc until card was confirmed with Troy or Nate, Called Nate & Troy left message, Spot in trucks, JSA with everyone on loc (Acid Safety, Shower Usage, Emergency Plan) Rig up lines to Drill Pipe and Pit. Crew supervisor needs other crew member to complete the job, Called Troy, Acid crew member is not on roster suggested to send member down to attend Orientation, He was taken down by supervisor for orientation, Wait on Crew to return. Supervisor and crew member returned, Hold Refresher Safety Meeting begin with acid job, PSI test lines to 3900psi, Test good, Pump 10 bbls Fresh water head, 30 bbls 28% HCL Acid, 56 bbls Fresh water flush, Shut down pump psi dropped to 0psi, Waited on 5, 10, 15, Still 0psi, Shut in well, Rig down lines, Release Acid crew. Wait two hours for Acid to soak. Open well 0 psi on tbg, Call notify Jim, Ok not to swab, Waited on weather for 30 min, Fix lay down line, Line was spooled incorrectly. Released Treating PKR, Lay down 167 jts DP, Treating PKR, 13 jts DP, Moving Pipe from racks to trailer when needed. Transfer 2 7/8 seamless tbg from trailer to racks Tally & remove caps, Pick up 98 jts 2 7/8 Seamless tbg.
12	9/12/2012	9/13/2012	Report on MCU O-17 Capital Producer Key Rig 27, Crew Change @ 0600 Safety Meeting fill out JSA (Picking up tbg, Slippery conditions) Continue to pick up tbg, Pick 75 jts tbg. Crew JSA (Tripping TBG) TOH 173 jts 2 7/8 seamless tbg. Crew took lunch while Baker spotted in trailer with pump. Wait on weather to pick up pump, Rain died out begin picking up pump. Pick up 4' sub, with Centralizer on bottom of Centinel, Service Centinel, Motor, Seal and Seal with CL-5 oil, Pick up Gas Separator, Pump and Pump, 4' sub top of pump with Centralizer, Ran in 2 jts, Check Valve, 1 jt, Sliding Sleeve. TIH 170 jts 2 7/8 Seamless tbg, Check Centinel Signal every 20 stds with good readings. Crew change @ 1800 hrs Safety Meeting fill out JSA (Landing TBG, Rig down floor, Nipple Down BOP). Spliced in new LEC, Check Centinel Signal, Landed tbg with Hanger, Centinel @ 5674', Motor @ 5670', Seal @ 5647' Intake @ 5641', Pump @ 5624'. Rig down tbg tongs, tools, handrails, and rig floor. Nipple down and remove BOP, Place BOP on skid. Check Centinel Signal thru Mandrel with good readings, Centinel Intake PSI @ 1862 psi, Centinel Intake Temp @ 126 deg., Centinel Motor Temp @ 119.1 deg. Rig down for rig move, Light plant went down @ 2200, due to bad alternator, dead batteries, Charge batteries restart light plant @ 0100 hrs, Continue to rig down and secure equipment for rig move.
13	9/13/2012	9/14/2012	This is the report on MCU O-17 Capital Producer Key rig #27 Finish rigging down all equipment . Rig down service unit and finish loading all equipenmt. Have equipment ready to move to MCU M-15
14	9/14/2012	9/14/2012	LJB clean lloc.
15	9/17/2012	9/17/2012	Set electrical Equipment for ESP pump
16	9/19/2012	9/19/2012	Hooking up wellhead, trenching across loc to hook into production line. Backhoe broke down. Left 6 jts green band on ground. See if still there in the morning

## Diablo Analytical BTU Report GPA 2145-03 Analysis

### Sample Information

Sample Information	
Sample Name	0-17
Station Number	
Method Name	NewNGA#3
Injection Date	9/26/2012 2:22:34 PM
Report Date	09/26/2012 02:31:12 PM
BTU Configuration File	GPA 2145-03 EMS.cfg
Data Source	Cerity data system connection
Instrument	G2801AGC - US10317001
Data Saved To:	0-17-20120926-143112.btu

### Component Results

Component Name	Ret. Time	Peak Area	Normalized Mole%	Heating Value (Btu / cu. ft.)	Molar Mass Ratio (G)	GPM (Gal. / 1000 cu. ft.)
Nitrogen	0.467	13607	1.5938	0.0000	0.0154	
Methane	0.489	84414	13.2520	134.1549	0.0734	
Carbon Dioxide	0.604	717577	74.0731	0.0000	1.1257	
Hydrogen Sulfide	0.000	0	0.0000	0.0000	0.0000	
Ethane	0.719	47663	4.7199	83.7213	0.0490	1.2690
Propane	1.890	37837	3.2893	82.9568	0.0501	0.9111
i-Butane	0.365	20301	0.4832	15.7500	0.0097	0.1590
n-Butane	0.389	52344	1.2966	42.3981	0.0260	0.4112
i-Pentane	0.465	13999	0.3298	13.2255	0.0082	0.1214
n-Pentane	0.498	18321	0.4133	16.6063	0.0103	0.1506
Hexanes Plus	1.225	31016	0.5490	28.2245	0.0177	0.2396
Total:			100.0000	417.0374	1.3855	3.2618

### Results Summary

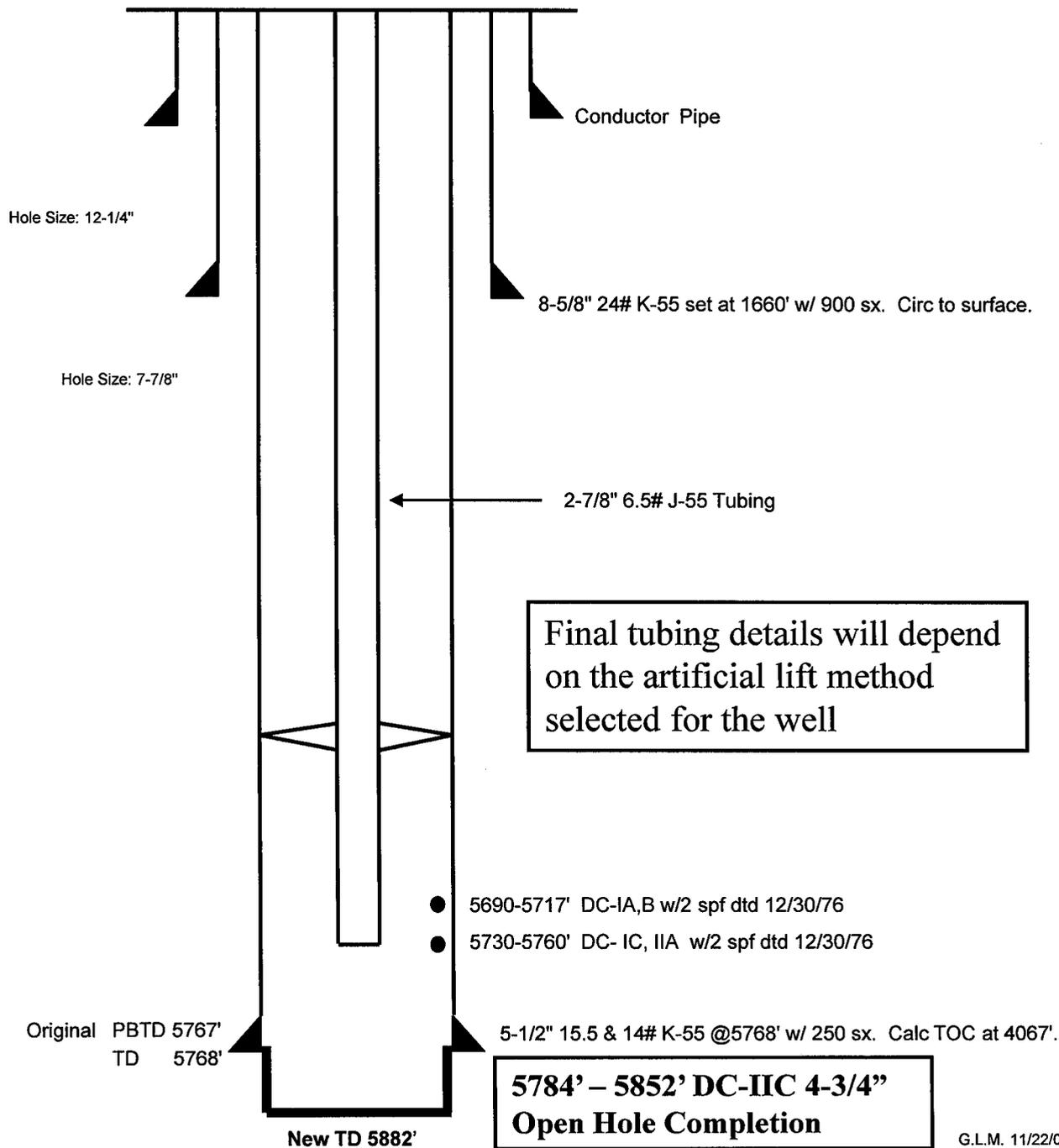
Result	Dry	Sat.
Total Unnormalized Mole%	101.3150	
Pressure Base (psia)	14.730	
Water Mole%	-	1.7404
Gross Heating Value (Btu / Ideal cu. ft.)	417.0374	409.7793
Gross Heating Value (Btu / Real cu. ft.)	419.5269	412.3793
Real Relative Density	1.39322	1.38038
Gas Compressibility (Z) Factor	0.99407	0.99370

**McELMO CREEK UNIT # O-17**  
 GREATER ANETH FIELD  
 627' FNL & 1855' FWL  
 SEC 8-T41S-R25E  
 SAN JUAN COUNTY, UTAH  
 API 43-037-30289  
 PRISM 0000346

PRODUCER

**Attachment 1:  
 Recompleted  
 Wellbore, Deepened  
 to DC-IIC**

Current as of 8/23/2012 – J.W. Styler  
 KB 4920'                      GL 4907'



Final tubing details will depend on the artificial lift method selected for the well

API Number 43037302890000	Surf Loc	Section	Township	Range	Well Spud Date/Time 7/12/1976 00:00	Field Name McElmo Creek	State/Province Utah	Working Interest (%) 72.25
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<b>Most Recent Job</b>				
Job Category Completion/Workover	Primary Job Type Recompletion	Secondary Job Type	Start Date 9/4/2012	End Date 9/14/2012

**TD: 5,768.0** Wellbore Config: Vertical - McElmo Cr O17, 10/26/2012 11:15:22 AM

