

5-11-59 OW

- Scout Report sent out
- Noted in the NID File
- Location map pinned
- Approval or Disapproval Letter
- Date Completed, P. & A. or operations suspended 5-11-59
- Pin changed on location map
- A Affidavit and Record of A & P
- Wire Shut-Off Test
- Gas On Ratio Test
- Well Log Filed

FILE NOTATIONS

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

COMPLETION DATA:

Date Well Completed 5-2-59

OW WV _____ TA _____

GW _____ OS _____ PA _____

Location Indexed _____

Bond _____

State or Fee Land _____

LOGS FILED

Driller's Log 5-20-59

Electric Logs (No. 1) 0

_____ F.I. OR _____ GRN Misc _____

_____ Bank _____ Others _____

	31	
	X	

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency _____

Window Rock

Allottee Navajo

Lease No. 14-20-603-372

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

April 7, 19 39

Navajo "C"
Well No. 33-31 is located 1935 ft. from ~~SE~~ S line and 1980 ft. from ~~SW~~ E line of sec. 31
NW SE Sec. 31 40S 25E 31
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
McElmo Creek San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of ~~the surface~~ above sea level is 4681 ft. Graded ground.

DETAILS OF WORK

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

Propose to drill well to test Paradox Formation to a depth of approximately 5710'.

Will set approximately 1200' of 10-3/4" surface pipe with cement circulated to surface.

Will set 7' casing through any commercial production encountered.

Verbal Approval by P. T. McGrath, April 7, 1939.

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

Company The Superior Oil Company

Address P. O. Drawer G
Cortez, Colorado

By *D. D. Kingman*
D. D. Kingman
Title Engineer

15

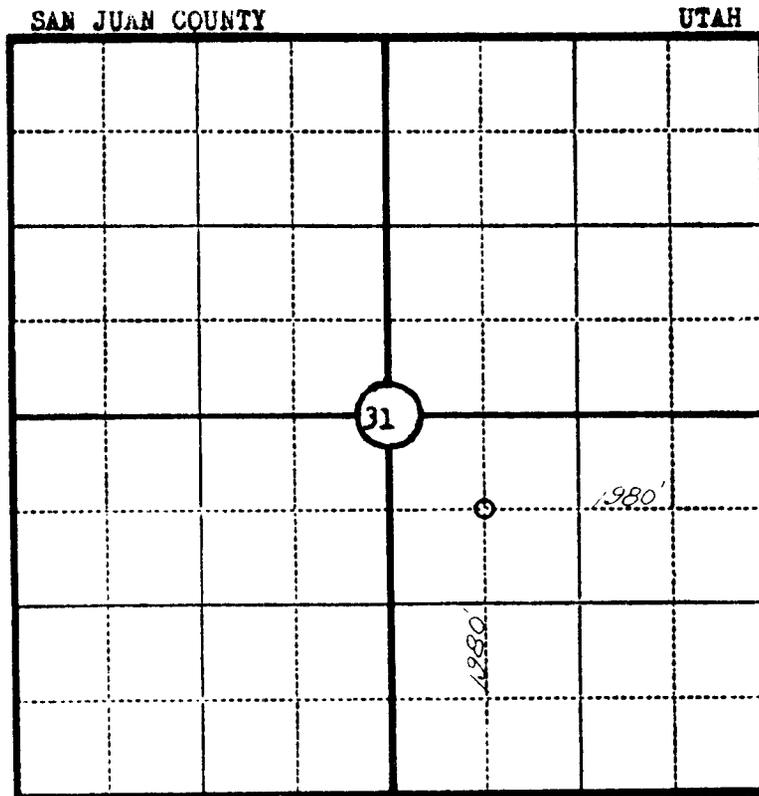
Company THE SUPERIOR OIL COMPANY

Lease NAVAJO Well No. _____

Sec. 31, T. 40 S, R. 25 E S.L.M.

Location 1980' FROM THE SOUTH LINE AND 1980' FROM THE EAST LINE.

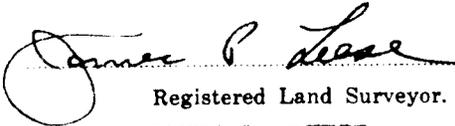
Elevation 4685.7 UNGRADED GROUND
T.B.M. 1X2 Stake 215' N 75 3/4° E of Location
Elev. 4694.9



LOCATION MOVED
45' SOUTH.

Scale—4 inches equal 1 mile.

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

Seal:  Registered Land Surveyor.
JAMES P. LEESE
UTAH REG. NO. 1472

Surveyed 30 NOVEMBER, 1957

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

16

April 10, 1959

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

Attention: D. D. Kingman, Engineer

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo G 33-31, which is to be located 1935 feet from the south line and 1980 feet from the east line of Section 31, Township 40 South, Range 25 East, S1EM, San Juan County, Utah.

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

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

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
EXECUTIVE SECRETARY

CBF:co

cc: Phil McGrath, Dist. Eng.
U.S.G.S. Farmington,
New Mexico

FOLD

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set
 Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from surface feet to 5710 feet, and from feet to feet
 Cable tools were used from feet to feet, and from feet to feet

DATES

....., 19..... Put to producing May 11 (45/15) 1959..

The production for the first 24 hours was 492.30 barrels of fluid of which 91.6 % was oil; %
 emulsion 0.4 % water; and % sediment. Gravity, °Bé. 35.8

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

....., Driller Company Rig #26, Driller
 , Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
	<u>Electre Log Top:</u>		
		2622'	De Chely
		2734'	Organ Rock
		4532'	Hermosa
		5324'	Upper Boundary Butte
		5470'	Paradox Shale
		5475'	Lower Boundary Butte
		5673'	Chimney Rock
		5710'	Total Depth
FROM—	TO—	TOTAL FEET	FORMATION

FORMATION RECORD—Continued

INITIAL WELL TEST

McELMO CREEK UNIT #L-11

DATE May 14, 1959

OIL BBL/DAY 451

OIL GRAVITY 35.3

GAS CU.FT/DAY _____

GAS-OIL RATIO CU/FT/BBL _____

WATER BBL/DAY 41

PUMPING/FLOWING F

CHOKE SIZE 24/64

FLOW TUBING PRESSURE 550

THE SUPERIOR OIL COMP. / 36.55075%
Injection Well - Area #2

McELMO CREEK UNIT #L-11
1935' FSL, 1980' FEL
Section 31, T40S, R25E
San Juan County, Utah

FIELD: GREATER ANETH

KB: 4702' DF: 4701' GL: 4681' PBD: 5568' TD: 5710' TLD: 13.50'

SPUDED: 4-9-59 COMPLETED: 5-11-59 TOC: 4599' (temp)

INJECTION ZONE: Ismay, Desert Creek Zone I

PERFS: Ismay - 5431-35', 5438-43' (2 jets/ft)
Zone I - 5490' (1 jet), 5530-37', 5541-49' (2 jets/ft)

CASING: 10-3/4" 32.75# H-40 R-2 8R ST&C w/ 500 sx 40 jts 1200'
7" J-55 8R w/ 300 sx 2 jts 23# R-1 & 3 LT&C 42'
107 jts 20# R-2 & 3 ST&C 4169'
40 jts 23# R-2 & 3 LT&C 5710'

TUBING: 179 jts 2-7/8" J-55 Nu-Lock lined w/ TK-75, tail at 5472'.

PACKERS: Baker 7" AR-1 snap set at 5399'. Baker 7" Lok-set at 5468'.

PMPG. EQUIP: Injection equipment.

REMARKS: Ismay perfs isolated.

WELL HEAD: 6" Series 600 OCT type T-16. Tubing landed on bonnet thru stripper.

5/9-11/59 Perf'd 5579-5638' w/ 4 jets/ft., treated w/ 9000 gals reg acid. Max & final pressure 800#. ISIP 0#. Perf'd 5479-5503', 5530-37', 5541-49', w/ 4 jets/ft. Treated w/ 6000 gals reg acid. Min & final pressure 3200# on vac in 17 mins.

7/22-8/1/63 Squeezed perfs 5479-5549', perf'd 5530-37', 5541-49' w/ 2 jets/ft, acidized, block-squeezed. Reperf'd 5530-37', 5541-49', acidized w. 1700 gals acid. Perf'd 5480-5502' acidized w/ 3200 gals acid.

7/10-17/64 Squeezed all perfs. Perf'd 5578-84' w/ 2 jets/ft, acidized, block-squeezed. Jetted 1 notch at 5490', fractured w/ 66,000# sand.

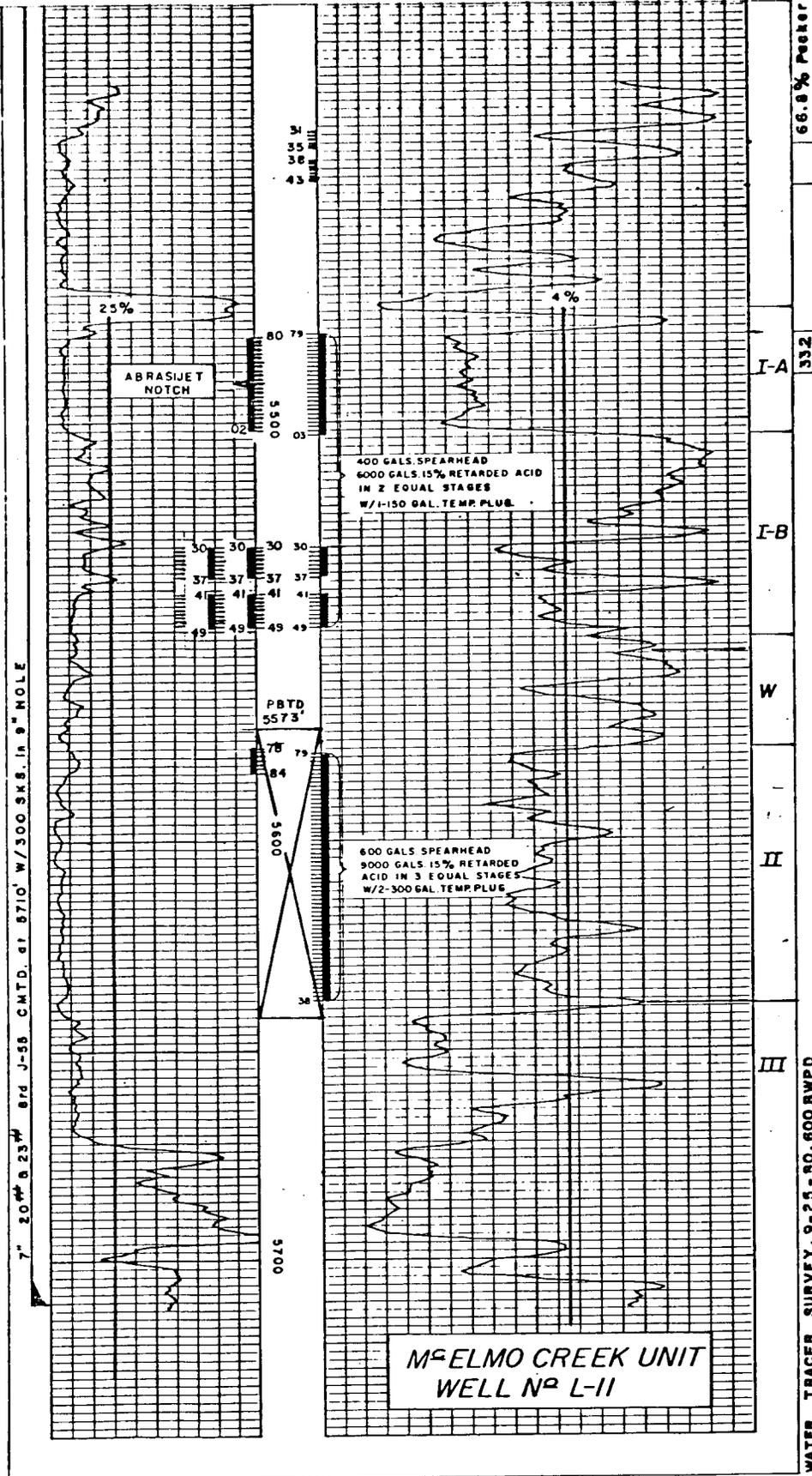
3-16-65 Acidized notch w/ 10,000 gals CRA acid. Max press 800#, on vac immediately. Perf'd 5530-37', 5541-49', treated w/ 10,000 gals CRA acid. Final press 1100#. ISIP 0#.

5-22-68 Perf'd Ismay 5431-35', 5438-43', treated w/ 1000 gals 28% HCL. Max press 4200#, ISIP 1300#, 10 min 50#.

11-29-78 Converted to water injection.

5-29-80 Spotted D. C. Zones I & II w/ 16 bbls 28% HCL acid. Spotted 16 bbls acid across Ismay perfs. ISIP 1700#. SIP 1250#.

66.8% Pecker Look Meter



SQUEEZED PERFS 5479-5503, 5530-37, 5541-49
 5579-5638 W/300 SKS LATEX CMT.
 REPERFED 5530-37, 5541-49, ACIDIZED W/200
 GALS BDA, 3000 GALS. 15% REG. IN 2 STAGES
 W/ONE 50 GAL TEMP. PLUG SQUEEZED W/100SKS
 LATEX CMT.
 REPERFED 5530-37, 5541-49 ACIDIZED W/200
 GALS BDA, 1500 GALS. 15% REG.
 REPERFED 5480-5502,
 ACIDIZED W/200 GALS BDA
 3000 GALS 15% REG.

7-9-64
 Squeezed perfs 5480-5502,
 5530-37, 5541-49 W/ 100 Sk
 Ha lad 9 cmt.

Perfed 5578-84, Acidized W/
 100 Gal Spearhead, 750 Gal
 15% Reg N.E.

Squeezed Perfs 5578-84 W/
 100 Sk Halad 9 Cmt.

Notched Csg. at 5490 W/
 Abrasijet, Fractured Notch
 W/ 44, 150 Gal Gelled water
 and 57,400# IO-20, 20-40 Sand.

3-16-65
 Acidized Notch 5490' W/250 Penetrating
 Acid & 10,000 Gals. CRA Acid.

Perfed 5530-37, 5541-49, Acidized W/
 250 Gal. Penetrating Acid. & 10,000 Gal
 CRA Acid.

5-20-68: Perfed Ismay 5431-35, 5438-43
 Treated perfs 5431-43' W/1000 gal HCL

11-29-78:
 Cnvrtd. to Water injection

5-29-80: Spotted D.C. Zns. 1,2 w/16bbbls.
 28% HCL. Spntd. 15 bbbls. acid across Ismy prfs

WATER TRACER SURVEY, 9-25-80, 600 BWPD

McELMO CREEK UNIT
 THE SUPERIOR OIL CO. OPERATOR
 NW SE. SEC.31, T40S, R25E.
 SAN JUAN COUNTY, UTAH.
 ELEV. 4702' K.B T.D. 5710'

REV: 7-24-68

Well No. L-11

McElmo Creek Unit

ATTACHMENT I

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

(a) Well Data Sheets.

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

i. The average intervening thickness is 4000' between the existing injection interval and the deepest fresh water sand.

ii. Maximum Surface Pressure: 2800 psig.
 Maximum Rate: 4000 BWPD.

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

(5)

(i) A throttling valve is installed on the wellhead to control injection rates and pressures.

(ii) The source of injection water is Superior's production wells within the McElmo Creek Unit. The wells produce from the Ismay and Desert Creek formations with approximate depths of 5300' and 5460' respectively.

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

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

McElmo Creek Unit

(5) Cont.

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

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

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

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

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

(7) N/A.

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

(9) N/A.

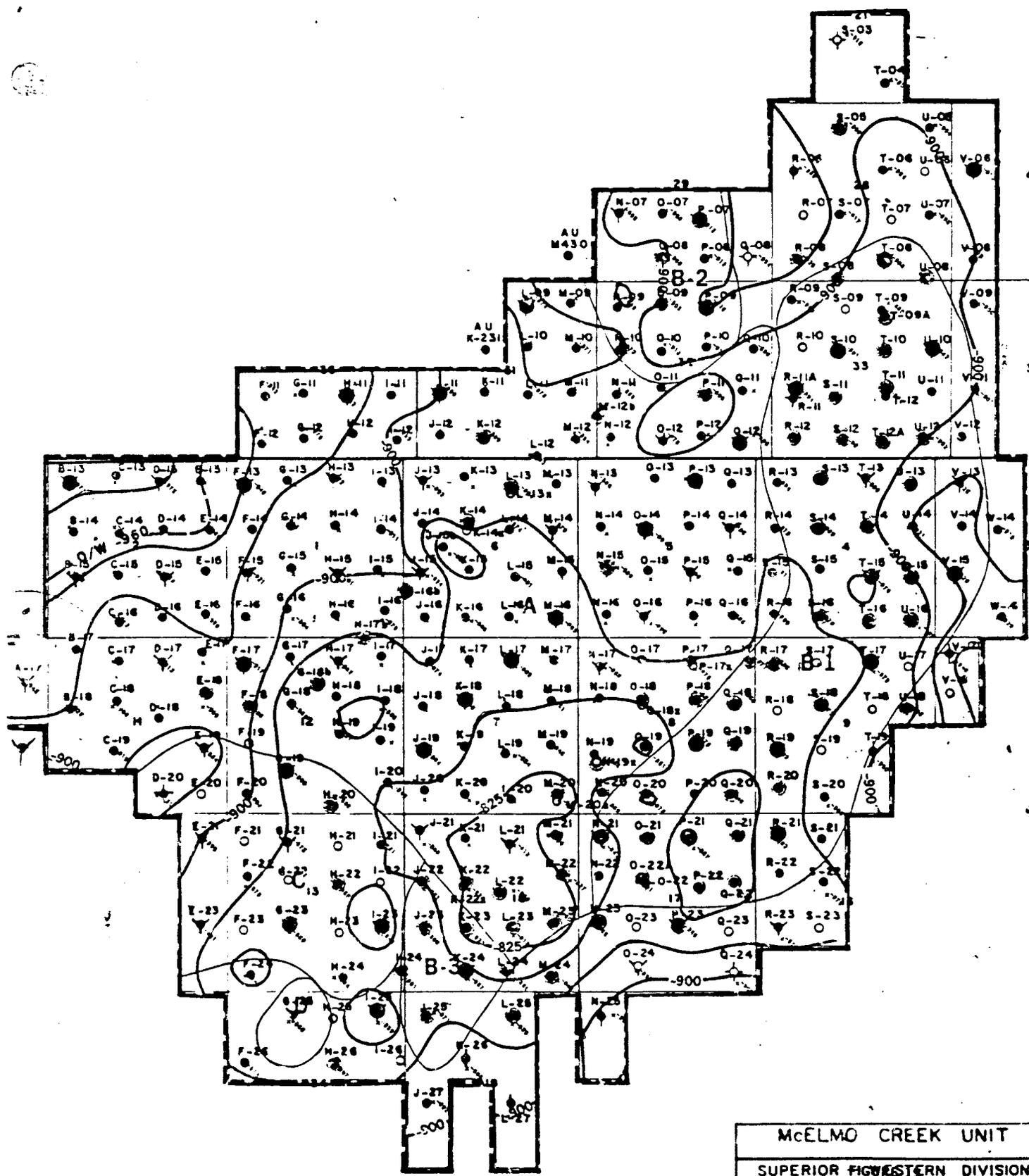
(10) N/A.

R24E

R25E

T 40 S

T 41 S



LEGEND

- FUTURE LOCATION
- DRILLING WELL (STATUS)
- OIL WELL
- ⊗ WATER INJECTION WELL
- ⊙ DUAL SERVICE, INJ/PROD

O/W CONTACT -960

0 2000' 4000'



McELMO CREEK UNIT

SUPERIOR OIL - WESTERN DIVISION

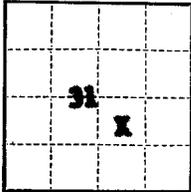
McELMO CREEK UNIT
SAN JUAN COUNTY, UTAH

SUPERIOR OIL - WESTERN DIVISION

STRUCTURE 1
BY TOP OF

DESERT CREEK LIMESTONE, DEN
DATE: 4-14-30

BY:	SCALE:
DATE:	C.I.: 25ft.
CHECKED:	DRAWN BY:



(SUBMIT IN TRIPPLICATE)
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency
Window Rock
Allottee **Navajo**
Lease No. **14-20-603-372**

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

May 15, 19 **59**

Navajo 'C'
Well No. **33-31** is located **1935** ft. from **XX** line and **1950** ft. from **E** line of sec. **31**

NW 31 Sec. **31** **40S** **25E** **8L**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
McElmoCreek **San Juan** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of ~~the surface~~ above sea level is **4696** ft. **KB**

DETAILS OF WORK

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

Spudded: **April 9, 1959**

Completed: **May 11, 1959**

T.D.: **5710'** **P.B.T.D.: 5680'**

Casing: **10-3/4 32.75# casing set at 1200' w/550 sacks.**
7 23# & 20# casing set at 5710' w/300 sacks.
Top of cement @ 4599' by temperature survey.

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

Company **The Superior Oil Company**

Address **P. O. Drawer G**
Cortez, Colorado

By **D. D. Kingman**
D. D. Kingman

Title **Engineer**

Electric Log Tops:

De Chelly	2622'	Paradox Shale	5470'
Organ Rock	2734'	Lower Boundary Butte	5475' (-779)
Hermos.	4532'	Chimney Rock	5673'
Upper Boundary Butte	5324'	Total Depth	5710'

Perforations: 5479'-5503', 5530'-5537', 5541'-5549', 5579'-5638'.

Drill Stem Tests: None

Treatments: 5-9-59 (Perfs 5579'-5638') 600 gals Spearhead acid Max Press 600#/P.
5-10-59 (Perfs 5579'-5638') 9000 gals ret. acid in 3 = stages using two
300 gal temporary plugs. Max. Pressure 3000#/1600#.
5-11-59 (Perfs 5479'-5549') 400 gals Spearhead acid. Max Press 3000#/1600#.
5-11-59 (Perfs 5479'-5549') 6000 gals ret. acid in 2 = stages using one
150 gal temporary plug. Max. Pressure 4000#/2200#.

Tubing: 2½" hung to 5639'.

Initial Production: 5-14-59: Flowed 492.30 bbls in 24 hrs. Gr.v 35.8, cut 0.4% BS&W,
Pressure 250#/1175#, 24/64" choke.
20.51 BPH or 492.30 BPD rate.

MAY 20 1959



DALLAS, TEXAS
POST OFFICE BOX 10185

May 18, 1959

Dallas: RI-2-2421
Midland: MU-2-5522
 OX-4-5256
Houston: HO-8-4663

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

The Superior Oil Company
Post Office Box 276
Cortez, Colorado

Subject: Temperature Survey
Navajo "C" No. 33-31 Well
Aneth Field
San Juan County, Utah
Our File No. 5-357 T

Gentlemen:

On May 2, 1959, a temperature survey was made in the Navajo "C" No. 33-31 Well, Aneth Field, to determine the top of the cement.

On the following page, you will find the results of this testing operation. For your convenience, the data are shown in both tabular and graphical form.

Thank you very much for calling upon us to serve you. We shall consider it a great pleasure to serve you again in the future.

Very truly yours,

DENNIS OWENS COMPANY

Farrest Tefteller

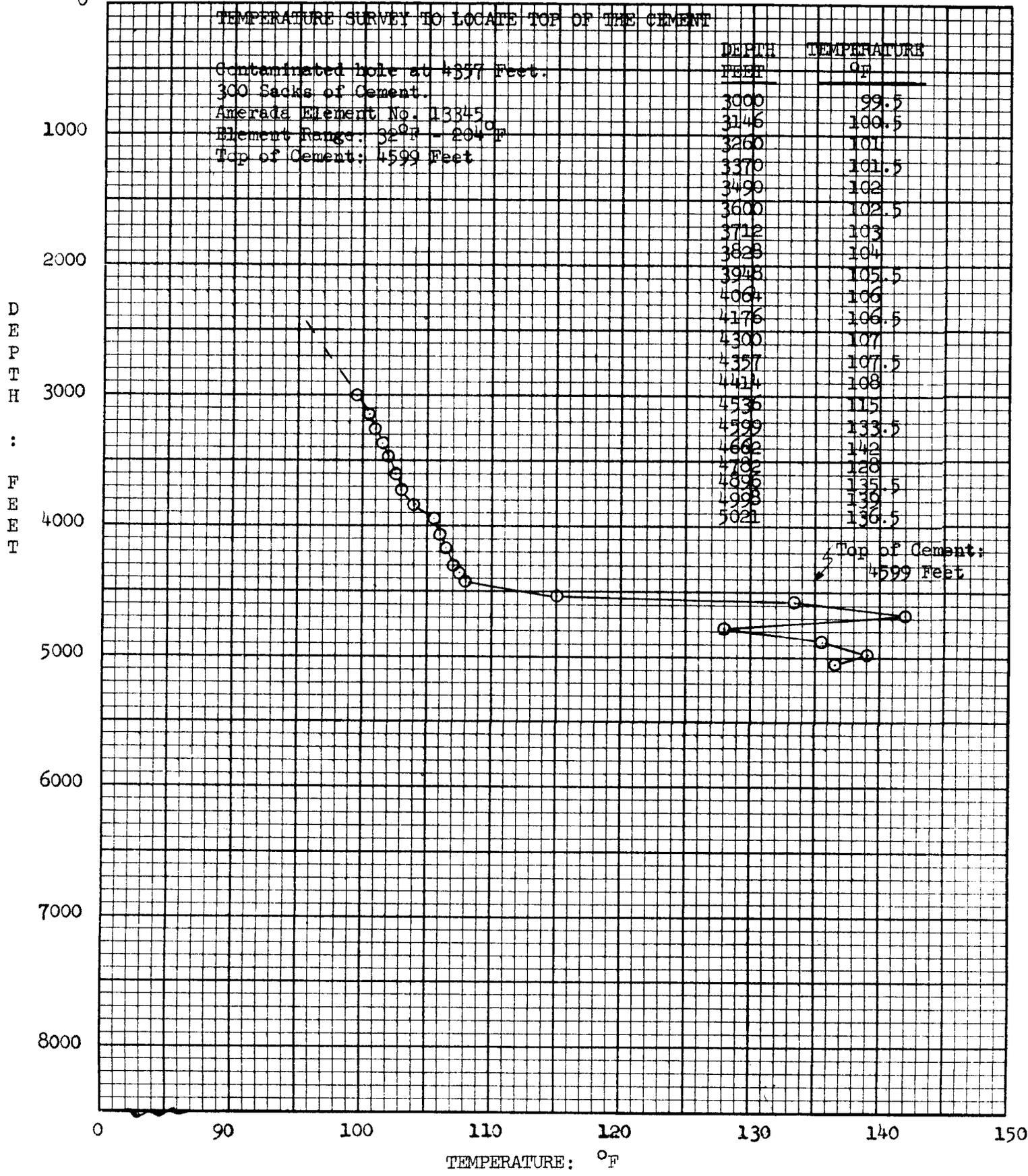
Farrest Tefteller

FT:mh
Attachment



DALLAS, TEXAS

Company THE SUPERIOR OIL COMPANY Lease NAVAJO "C" Well No. 33-31
 Field ANETH County SAN JUAN State UTAH
 Formation _____ Test Date MAY 2, 1959



UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1424.

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo

7. UNIT AGREEMENT NAME McElmo Creek

8. FARM OR LEASE NAME Navajo 'C'

9. WELL NO. #L-11

10. FIELD AND POOL, OR WILDCAT McElmo Creek

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 31, T40S, R25E

12. COUNTY OR PARISH San Juan 13. STATE Utah

1. OIL WELL [] GAS WELL [] OTHER []

2. NAME OF OPERATOR The Superior Oil Company

3. ADDRESS OF OPERATOR P. O. Drawer 'G', Cortez, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1935' FNL & 1980' FEL Sec. 31, T40S, R25E San Juan County, Utah

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4702' KB (Corrected)

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF [] PULL OR ALTER CASING []
FRACTURE TREAT [X] MULTIPLE COMPLETE []
SHOOT OR ACIDIZE [X] ABANDON* []
REPAIR WELL [] CHANGE PLANS []
(Other) Squeeze & Reperforate

SUBSEQUENT REPORT OF:

WATER SHUT-OFF [] REPAIRING WELL []
FRACTURE TREATMENT [] ALTERING CASING []
SHOOTING OR ACIDIZING [] ABANDONMENT* []
(Other) []
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

Propose to squeeze all perms with 100 sacks cement.

Will perforate Subzone II, 5578-84', acidize, and swab test (if this zone is water wet, it will be squeezed off prior to any further work).

Will frac notch Subzone I @ 5490' and sand frac with 45,000 gals gelled water and 117,000 lbs sand.

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

SIGNED C. R. Waller TITLE Production Engineer DATE July 16, 1964

(This space for Federal or State office use)

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

Leopold Mle

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

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

Navajo 'C'

9. WELL NO.

#1-11

10. FIELD AND POOL, OR WILDCAT

McElmo Creek

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

Sec. 31, T40S, R25E

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
The Superior Oil Company

3. ADDRESS OF OPERATOR
P. O. Drawer 'G', Cortez, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
**1935' FNL & 1980' FEL
Sec. 31, T40S, R25E
San Juan County, Utah**

14. PERMIT NO. _____ 15. ELEVATIONS (Show whether DF, RT, GR, etc.) _____

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

NOTICE OF INTENTION TO :

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF :

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) Squeeze & Reperforate <input checked="" type="checkbox"/>	

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

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

PBTD 5568'

- 7-10-64 Squeeze Perfs 5480-5549' with 100 sacks Halad #9 cement.
- 7-11-64 Drilled cement to 5570'.
- 7-12-64 Drilled cement from 5570' to 5600'. Circulate hole clean. Perf'd 5578-5584'.
- 7-13-64 Acidized with 100 gal acid. Swabbed water.
- 7-14-64 Squeeze perfs 5578-84' with 100 sacks cement.
- 7-15-64 Drilled from 5467' to 5568'. Circulate hole clean. RIH with abrasijet. Cut notch in casing at 5490'.
- 7-16-64 Fractured well with 44,150 gal of water and 66,000# sand in formation.
- 7-19-64 Cleaned out from 5493-5568'.
- 7-20-64 Swabbed zone to clean up.

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

SIGNED D. D. Kingman TITLE Production Engineer DATE Aug. 27, 1964

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

MJE/njh

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

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

Navajo C

9. WELL NO.

L-11

10. FIELD AND POOL, OR WILDCAT

McElmo Creek Unit

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

Sec. 31, T40S, R25E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
The Superior Oil Company

3. ADDRESS OF OPERATOR
P. O. Drawer 'G', Cortez, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
**1935' FNL & 1980' FEL
Sec. 31, T40S, R25E
San Juan County, Utah**

14. PERMIT NO. _____ 15. ELEVATIONS (Show whether DF, RT, GR, etc.) _____

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

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

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

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

PBTD - 5573'

3-16-65 Acidized notch @ 5490' w/250 penetrating acid & 10,000 gal CRA acid. Max. Press. - 800 psi.

3-18-65 Perforated 5530-37 & 5541-49 w/2 jet shots/ft.

3-19-65 Acidized perfs 5530 - 5549 w/250 gal penetrating acid & 10,000 gal CRA acid. Max. Press. - 1100 psi. Avg. rate - 8 BPM.

3-22-65 POP Test - Pumped 143 bbls oil in 12 hrs. 0.6% Cut, 41.6° Gty.

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

SIGNED C. R. Waller TITLE Production Engineer DATE _____

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN _____ CATEGORIES*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-372

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

McElmo Creek

8. FARM OR LEASE NAME

9. WELL NO.

#L-11

10. FIELD AND POOL, OR WILDCAT

McElmo Creek

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

Sec. 31, T40S, R25E

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
THE SUPERIOR OIL COMPANY

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

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

1935' FNL & 1980' FEL
Sec. 31, T40S, R25E

14. PERMIT NO.

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

4702' KB

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) Complete in additional zone

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

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

Propose to perforate Ismay zone 5431-35, 5438-43, 5446-51 and stimulate with 1000 gal 28% acid.

Production from Ismay and Desert Creek will be commingled.

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

SIGNED D. D. Kingman
D. D. Kingman

TITLE District Engineer

DATE 5/6/68

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

DDK/njh

*See Instructions on Reverse Side

cc: USGS, State, Franques, Broussard, File

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

SUBMIT IN _____ ICATE*
(Other Instructions on reverse side)

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

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo

7. UNIT AGREEMENT NAME
McElmo Creek

8. FARM OR LEASE NAME

9. WELL NO.
#L-11

10. FIELD AND POOL, OR WILDCAT
McElmo Creek

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 31, T40S, R25E

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
The Superior Oil Company

3. ADDRESS OF OPERATOR
P. O. Drawer 'G', Cortez, Colorado 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
**1935' FNL & 1980' FEL
Sec. 31, T40S, R25E**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4702' KB

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

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

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

Perforated Ismay 5431-35', 5438-43' 2 jets per ft.
Set BP @ 5470', packer @ 5341'.

Treated perms 5431-43' with 1000 gal 28% acid, 4200# psi max. pressure.
Pulled BP and packer. Set tubing anchor 5408', 2½" x 1-3/4" x 12' x 14' II
RHTM pump. Complete 5/23/68.

5/22/68 - Ismay flowed 148 bbl fluid in 15 hours, 60% cut.
100# psi, 44/64" choke.

Ismay and Desert Creek now producing commingled.

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

SIGNED D. D. Kingman TITLE District Engineer DATE 6/18/68
D. D. Kingman

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

cc: State, USGS, Franques, Broussard, file.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil well gas well other **Water Injection Well**

2. NAME OF OPERATOR
The Superior Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 71, Conroe, Texas 77301

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: **1935' FNL & 1980' FEL Sec. 31**
AT TOP PROD. INTERVAL: **Same**
AT TOTAL DEPTH: **Same**

5. LEASE
14-20-603-372

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo

7. UNIT AGREEMENT NAME
McElmo Creek Unit

8. FARM OR LEASE NAME
McElmo Creek

9. WELL NO.
MCU #L-11

10. FIELD OR WILDCAT NAME
McElmo Creek Field

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA
Sec. 31, T40S R25E

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4702' KDB

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

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

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

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

SEE REVERSE SIDE.
APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING
DATE: Jan 3 1980
BY: Frank M. [Signature]

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct
SIGNED D. J. King G. L. King TITLE Sr. Eng. Assistant DATE 12-19-79

(This space for Federal or State office use)

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

USGS (4), Utah (2), WHE, RG, CF, WIO

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law 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.

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 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

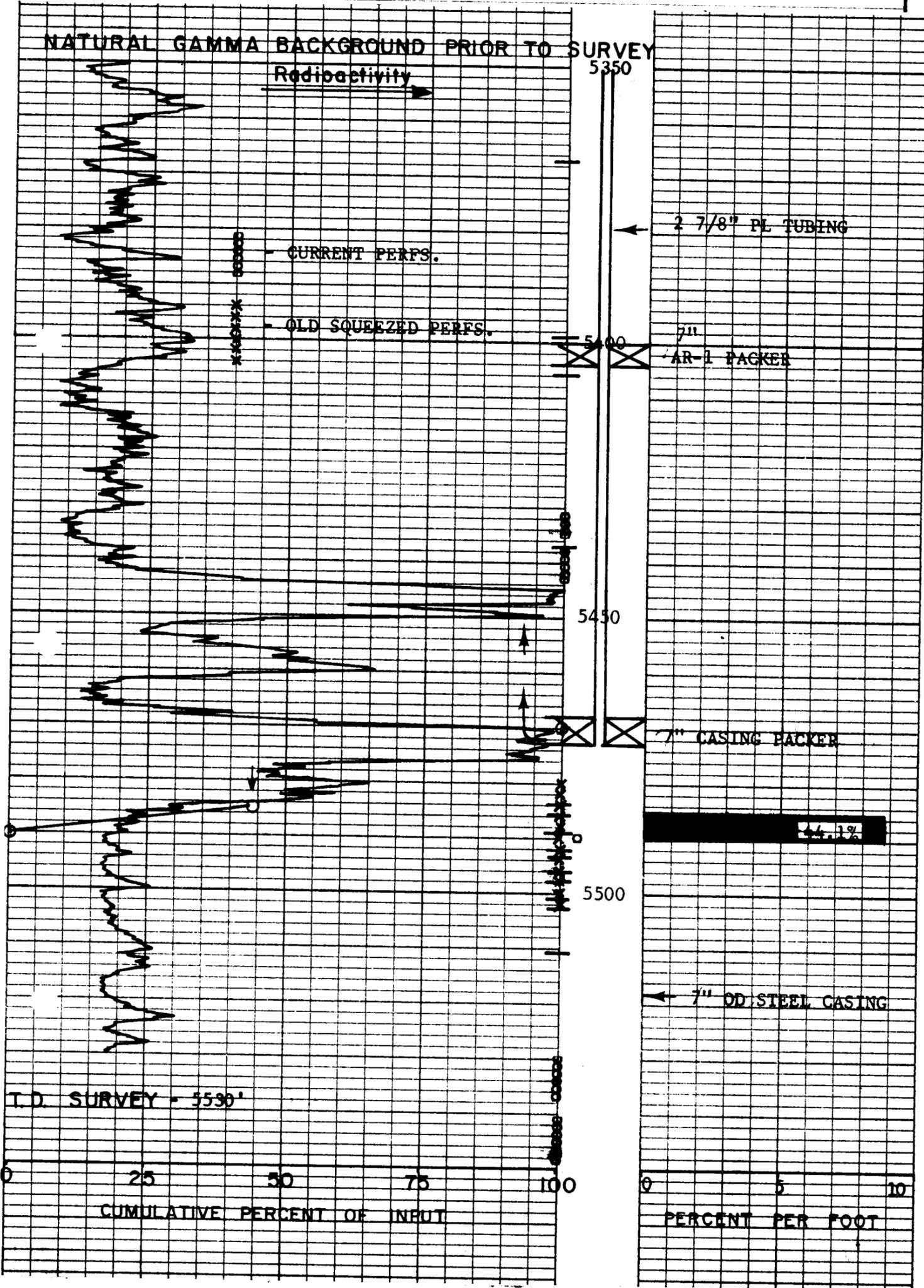
HISTORY

Well originally completed 5-11-59, producing from Desert Creek Zone I & II (perf's: 5479-5549 O/A & 5579-5638). Initial production rate flowing was 492 PPDR, cut 8.4%. 1-9-63 set bridge plug between Zones I & II @ 5564' to reduce water cut. 2-16-63 pulled bridge plug and reset between upper and lower pay in zone I @ 5517' in an attempt to further reduce water cut; well still cutting 82% w/A gross Prod. of 379 BPD. 8-1-63 removed bridge plug and reset new BP @ 5570'. Squeezed Zone I perf's. 5479-5549. Perf'd. 5530-49 (O/A), acidized w/3200 gals; tested, still cutting 75%; re-squeezed. Perf'd. 5530-49 (O/A), acidized w/1700 gals, still cutting 55%. Set BP @ 5510'. Perf'd 5480-5502, acidized w/3200 gals, removed BP. Cut reduced to 21% @ 250 gross BPDR. 7-10-64 squeezed perf's. 5480-5549 (O/A). Drilled out BP @ 5570'. Perf'd 5578'-84; acidized perf's. 5578-5638 w/850 gals, squeezed perf's 5578-5638. Cut frac notch @ 5490'. Frac'd w/44,150 gals & 66,000# sand. Pumped 16 BPDR oil & 25 BWPD. 3-22-65 acidized notch @ 5490' w/10,250 gals. Perf'd 5530-49 (O/A); acidized perf's w/10,250 gals. Pumped 284 BOPD, cut .06%. 5-22-68 perf'd Ismay (5431-43 O/A); set BP @ 5470, acidized w/1000 gals., removed BP. Pumping from Ismay and Dessert Creek Zone I (5430-43 O/A, 5490, 5530-49) @ 128 BOPD, 116 BWPD.

REPORT OF 11-29-78 Pulled rods, pump & tubing. Installed new 2-7/8" OD (P/C) tbg & set on Baker Lok-set pkgs @ 5461'. Well completed to inject water into the Desert Creek Zone I (perf's. 5490, 5530-49).

Truck No. _____ 1B
 Recorded By _____ FORD
 Witnessed By _____ COLLINS

Remarks: PERFS. - DRLR.: 5431'-5435', 5438'-5443', 5490' (NOTCH), 5530'-5537', 5541'-5549'.
 OLD SQUEEZED PERFS. - DRLR.: 5480'-5502'.
 SOME SLIGHTLY RADIOACTIVE SPOTS IN WELL PRIOR TO SURVEY.
 *44.1% OF THE WATER WENT OUT & BELOW THE BOTTOM PACKER AND INTO THE DESERT CREEK SECTION BETWEEN 5485'-5490' (NOTCH) OF THIS WATER, TIME DRIVE SCINTILLATION SCANS SHOWED NO INDICATION OF ANY TO BE GOING BELOW 5490' NOR ABOVE 5485' BEHIND THE CASING.
 THE REMAINING 55.9% WAS GOING AROUND THE PACKER AND UP INTO THE ISMAY AS HIGH AS 5451' - BUT NONE HIGHER.
 NO UPPER PACKER LEAK WAS EVIDENT.



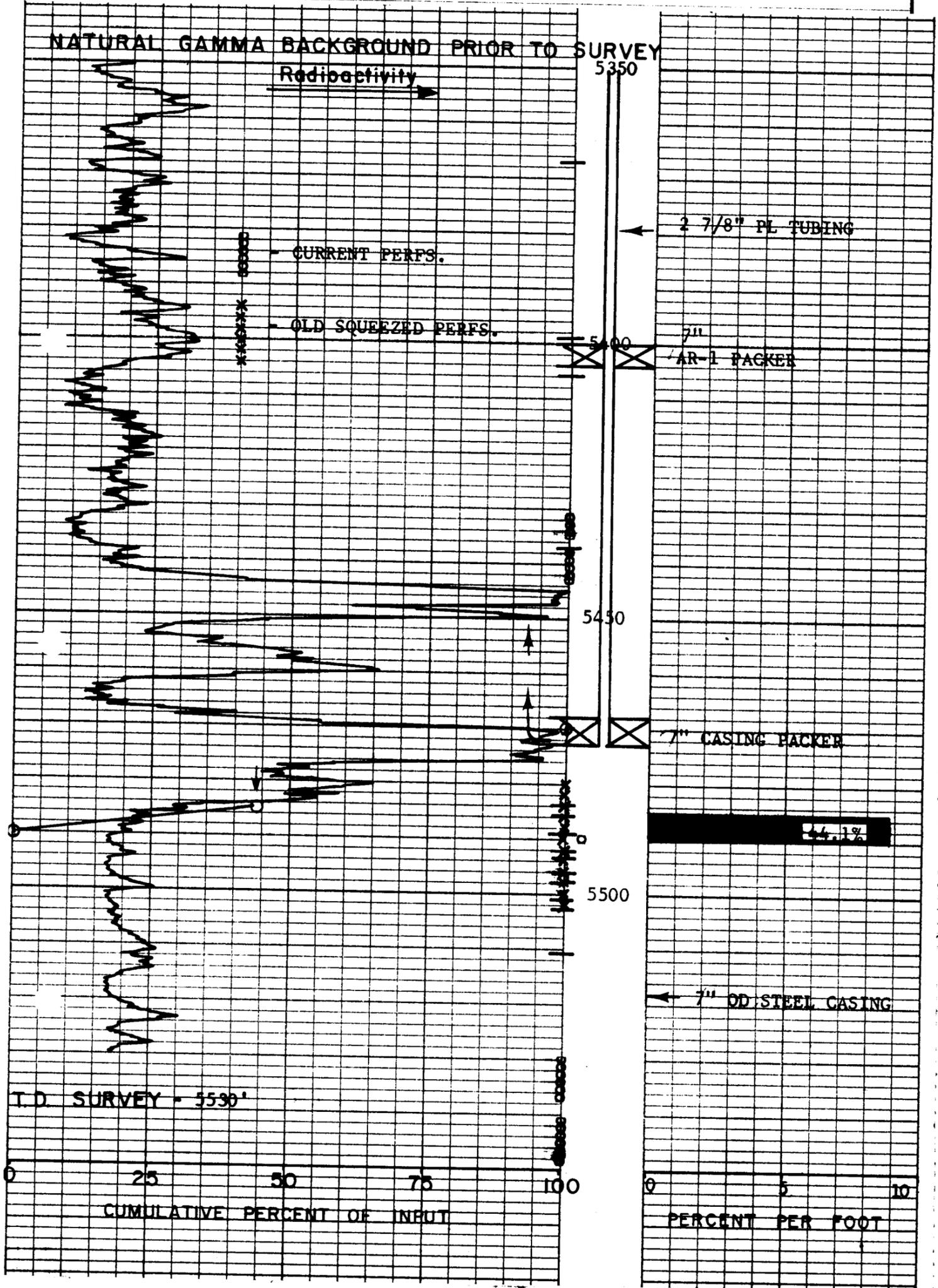
STA. NO. EJ#	RATE BBLs./DAY	DEPTH INTERVAL	CAPACITY OF INTERVAL BBLs.	INJECTION VOLUME TO FILL INTERVAL BBLs.	% WATER GOING IN OR BELOW BASE OF INTERVAL	PRESS. P.S.I.
1-1	280	5370'-5470'	.556	.556	100.0	2630
2-1	280	5475'-5485'	.394	.8934	44.1	2630
3-1	280	5485'-5490'	.197	∞	0.0	2630

OLD SQUEEZED PERFS. - DRLR.: 5480'-5502'.

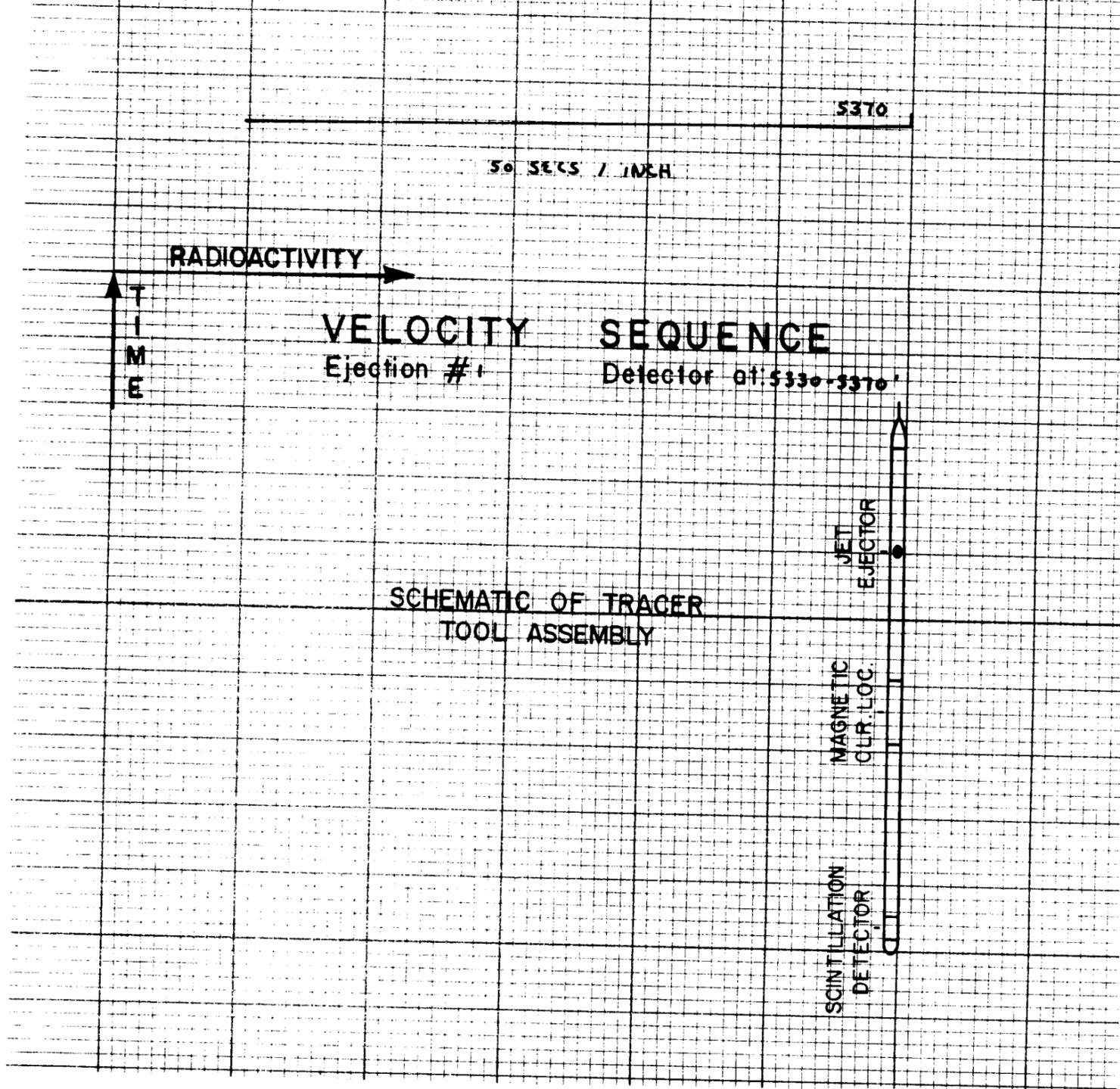
SOME SLIGHTLY RADIOACTIVE SPOTS IN WELL PRIOR TO SURVEY.

*44.1% OF THE WATER WENT OUT & BELOW THE BOTTOM PACKER AND INTO THE DESERT CREEK SECTION BETWEEN 5485'-5490' (NOTCH) OF THIS WATER, TIME DRIVE SCINTILLATION SCANS SHOWED NO INDICATION OF ANY TO BE GOING BELOW 5490' NOR ABOVE 5485' BEHIND THE CASING.

THE REMAINING 55.9% WAS GOING AROUND THE PACKER AND UP INTO THE ISMAY AS HIGH AS 5451' - BUT NONE HIGHER.
NO UPPER PACKER LEAK WAS EVIDENT.



STA. NO. EJ#	RATE BBLs./DAY	DEPTH INTERVAL	CAPACITY OF INTERVAL BBLs.	INJECTION VOLUME TO FILL INTERVAL BBLs.	% WATER GOING IN OR BELOW BASE OF INTERVAL	PRESS. P.S.I.
1-1	280	5370'-5470'	.556	.556	100.0	2630
2-1	280	5475'-5485'	.394	.8934	44.1	2630
3-1	280	5485'-5490'	.197	∞	0.0	2630



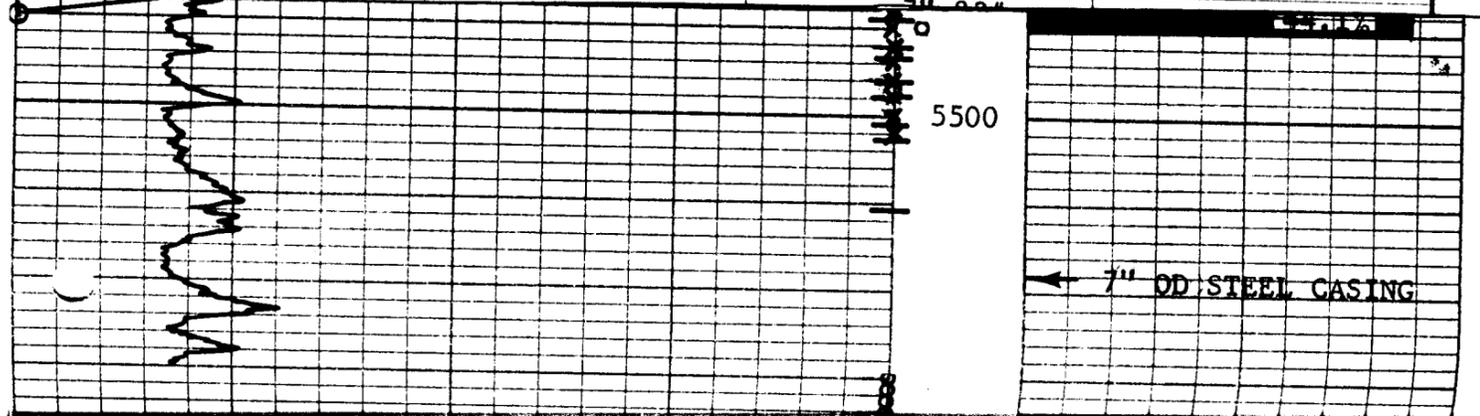
INJECTION ENGINEERING SERVICES

Water Tracer Log

COMPANY MOBIL OIL CORPORATION	COMPANY MOBIL OIL CORPORATION	ELEVATION:
WELL McELMO CREEK UNIT NO. L-11	WELL McELMO CREEK UNIT NO. L-11	Depth Datum:
FIELD McELMO CREEK	FIELD McELMO CREEK	K. B.: 4702'
COUNTY SAN JUAN	LOCATION SEC. 31, T40S - R25E.	D. F.: 4701'
STATE UTAH	COUNTY SAN JUAN	G. L.: 4681'
	STATE UTAH	

RECEIVED
APR 28 1986

RUN NO.	ONE	FIVE
Date		4-13-86
Depth Reached		5530'
Bottom Driller		5568' - PBTD
Depth Datum		21' ABOVE G.L.
Casing Shoe Survey		-
Casing Shoe Driller		5710'
Casing Size		7" OD



5465

50 SECS / INCH

TIME DRIVE SCINTILLATION SCAN

Ejection # 9 @ 5457'

Detector at 5465'

5460

5425

5465

5480

TIME DRIVE SCINTILLATION SCAN SHOWING NO WATER GOING ABOVE 5478' BEHIND THE CASING

5460

5440

5430

5466

5478

5480

5483

5486

50 SECS / INCH

TIME DRIVE SCINTILLATION SCAN

Ejection # 2 @ 5478'

Detector at 5486'

5475

5485

5488

5485

5481

TIME DRIVE SCINTILLATION SCAN SHOWING NO WATER GOING ABOVE 5485' BEHIND THE CASING

5478

5485

5485

5490

5520

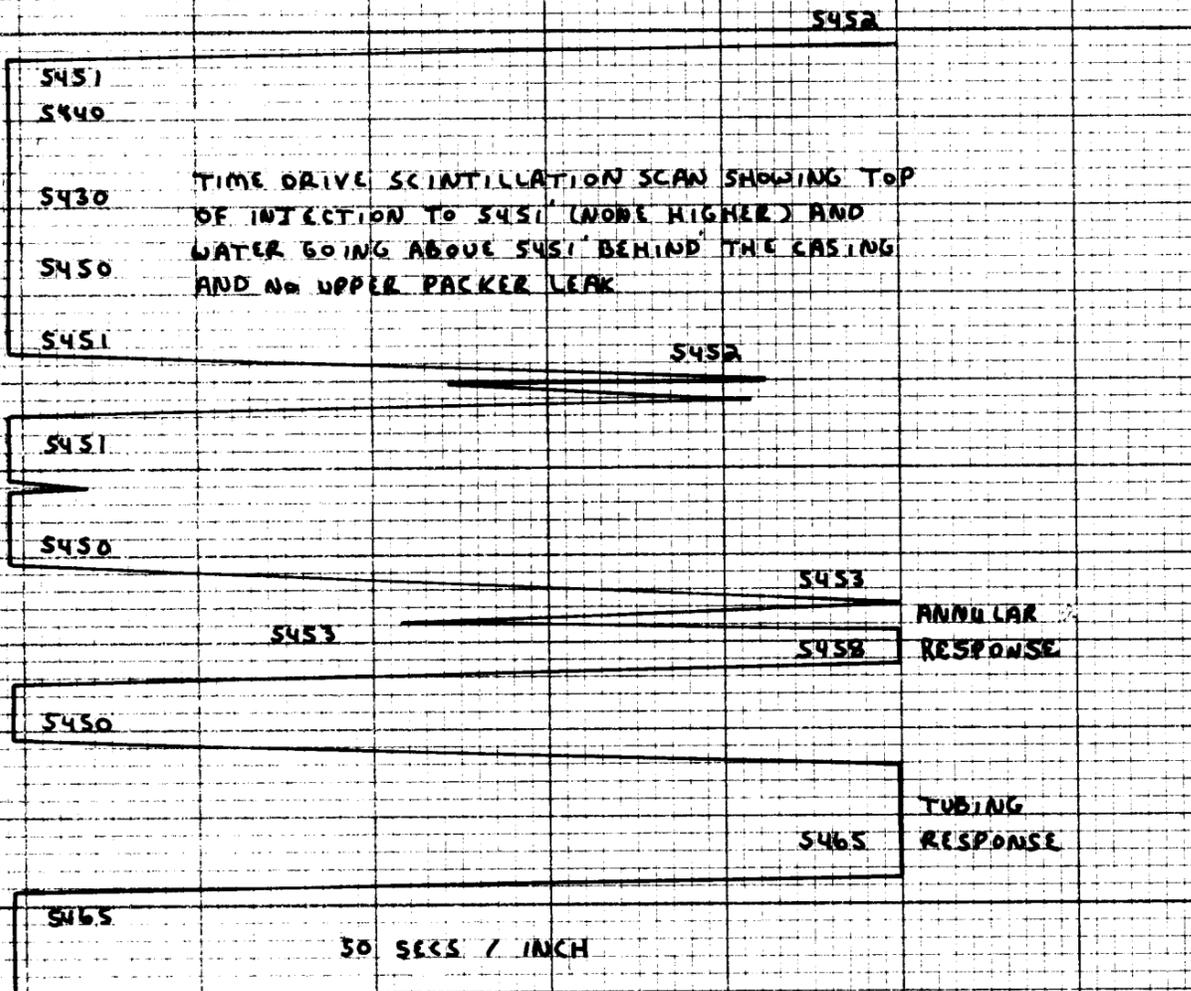
TIME DRIVE SCINTILLATION SCAN SHOWING NO WATER GOING BELOW 5490' BEHIND THE CASING

5490

5489

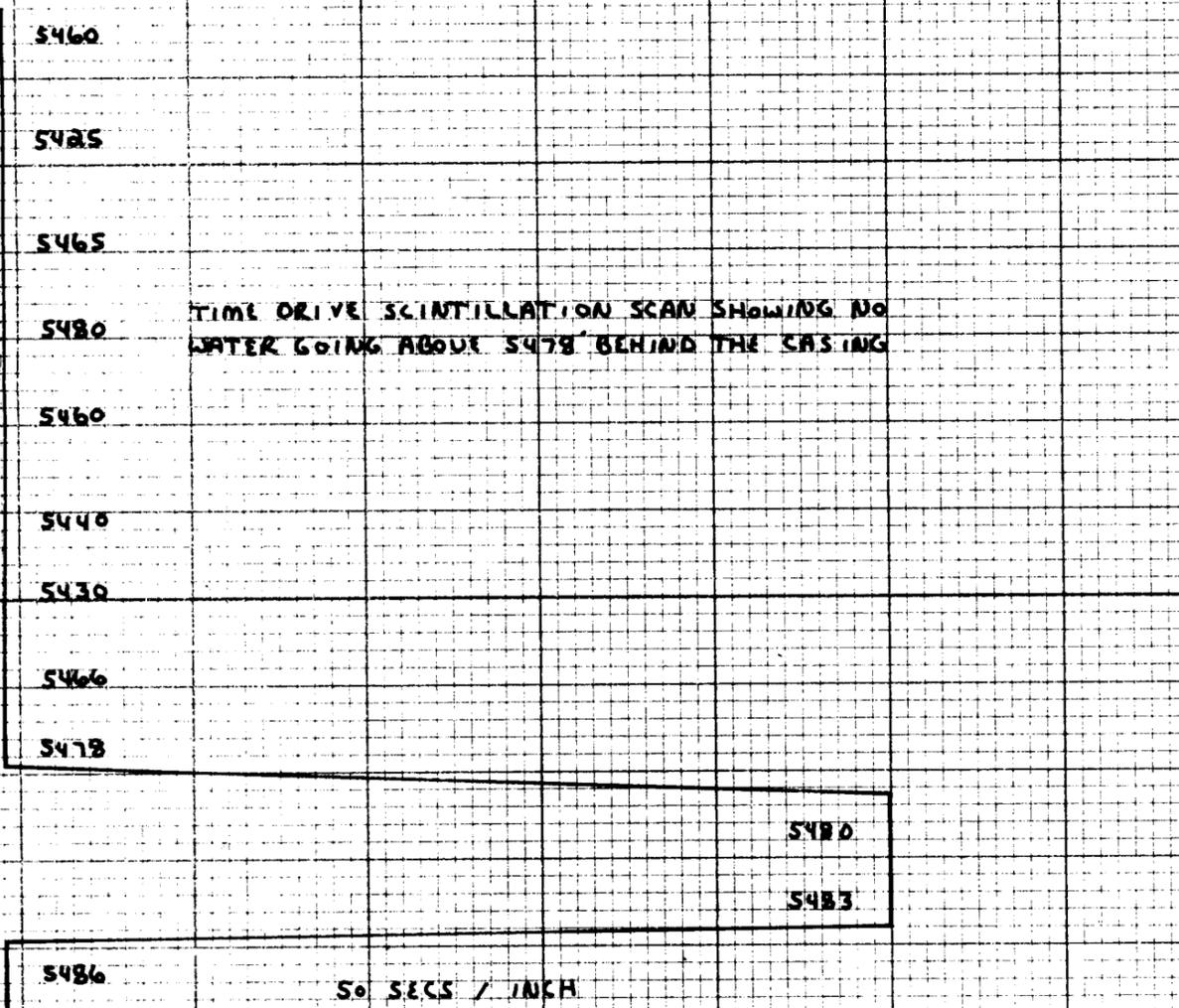
5490

5485



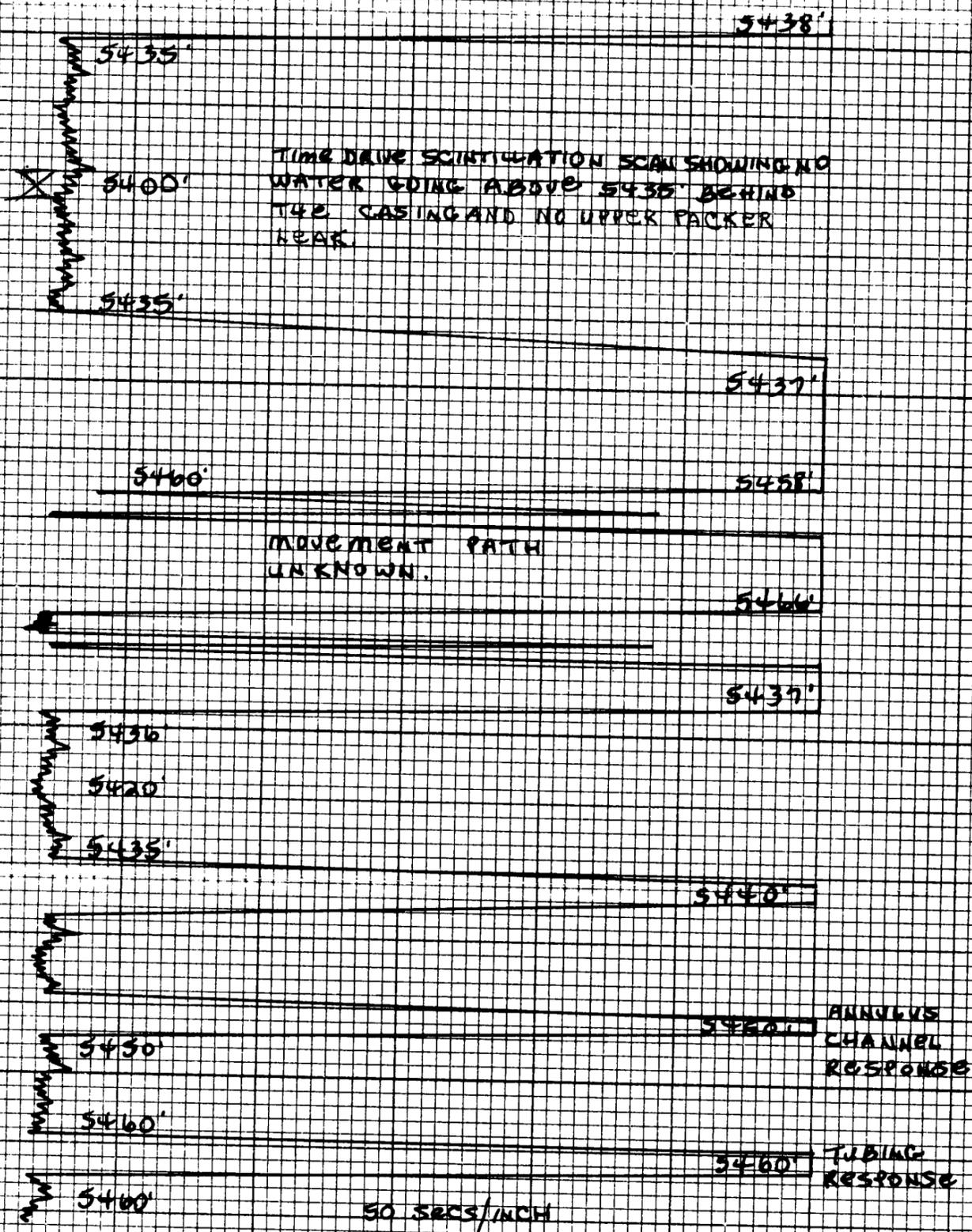
TIME DRIVE SCINTILLATION SCAN

Ejection # 9 @ 5457' Detector at 5465'



TIME DRIVE SCINTILLATION SCAN

Ejection # 2 @ 5478' Detector at 5486'



TIME DRIVE SCINTILLATION SCAN
 Ejection # 3 @ 5452' Detector at 5460'

TIME DRIVE SCINTILLATION SCAN SHOWING NO
 WATER GOING ABOVE 5485 BEHIND
 THE CASING.

5475'
 5465'
 5460'

5480'
 5488'

5488' 100 SECS/INCH

TIME DRIVE SCINTILLATION SCAN

Ejection # 2 @ 5480' Detector at 5488'

5490' 5489 1/2'

TIME DRIVE SCINTILLATION SCAN SHOWING NO
 WATER GOING BELOW 5490 BEHIND
 THE CASING.

5520'
 5490'

5488'

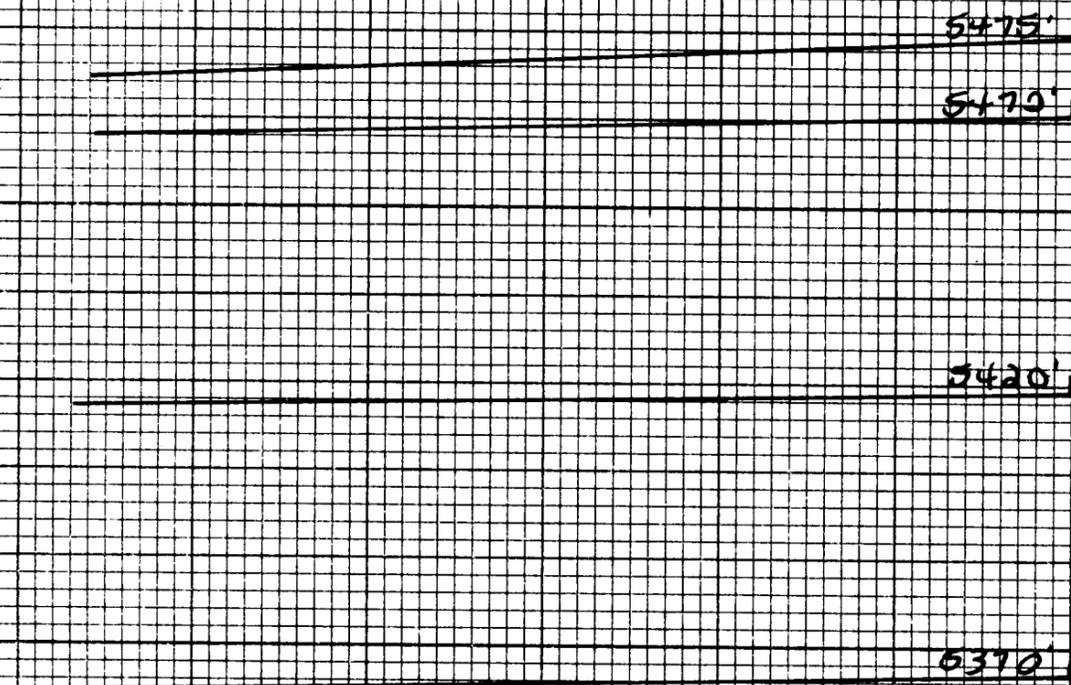
5490'

5485'

5480'

5475'

5470'



VELOCITY SEQUENCE
 Ejection # / Detector at: 5340'-70'

SCHEMATIC OF TRACER TOOL ASSEMBLY



INJECTION ENGINEERING SERVICES



Water Tracer Log



COMPANY	THE SUPERIOR OIL COMPANY	ELEVATION:
WELL	McELMO CREEK UNIT	Depth Datum:
FIELD	NO. L-11	K. B.: 4702'
LOCATION	McELMO CREEK	D. F.: 4701'
	SEC. 31 - T40S - R25E.	G. L.: 4681'

THE SUPERIOR OIL COMPANY
 McELMO CREEK UNIT
 NO. L-11
 McELMO CREEK
 SAN JUAN
 UTAH

INJECTION ENGINEERING SERVICES

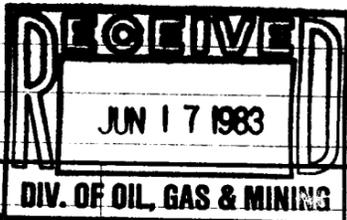


Water Tracer Log



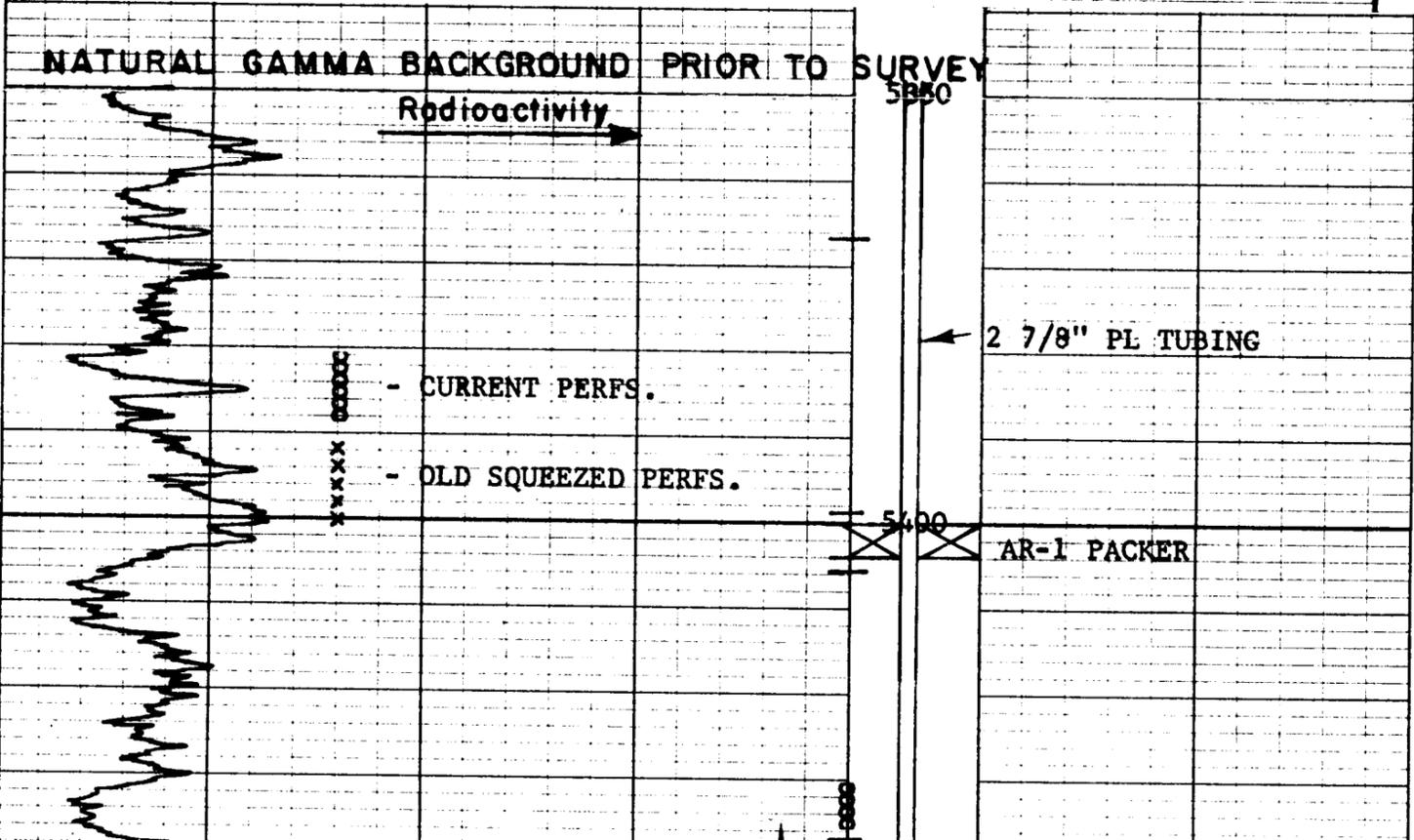
COMPANY	THE SUPERIOR OIL COMPANY	ELEVATION:
WELL	McELMO CREEK UNIT	Depth
FIELD	NO. L-11	Datum:
LOCATION	SEC. 31 - T40S - R25E.	K. B.: 4702'
		D. F.: 4701'
		G. L.: 4681'

COMPANY	THE SUPERIOR OIL COMPANY
WELL	McELMO CREEK UNIT
FIELD	NO. L-11
COUNTY	SAN JUAN
STATE	UTAH

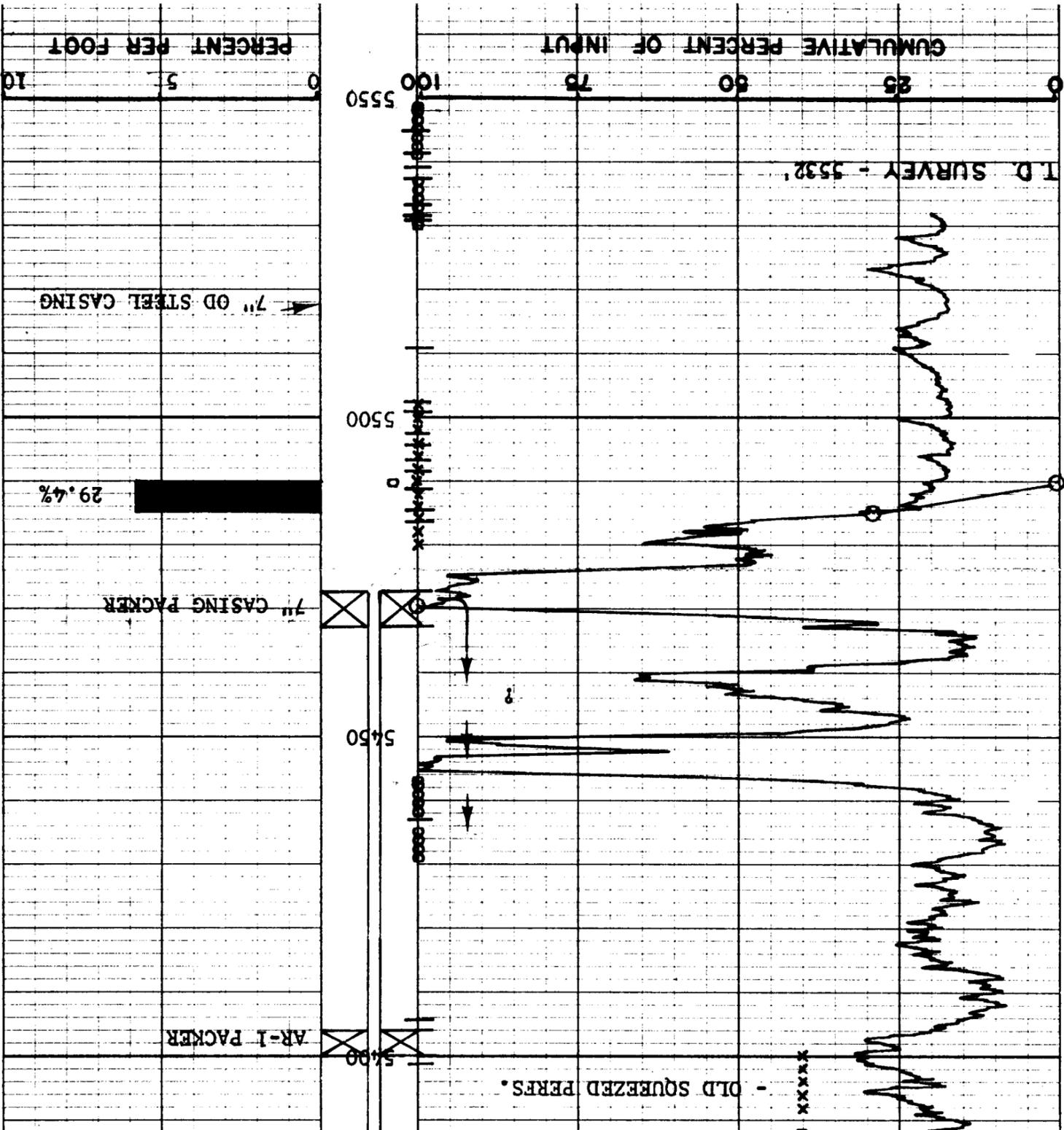


RUN NO.	ONE	FOUR
Date		6-3-83
Depth Reached		5532' - HIGH BOTTOM
Bottom Driller		5568' - PBTD
Depth Datum		13.5' ABOVE TLD
Casing Shoe Survey		-
Casing Shoe Driller		
Casing Size		5710'
Tubing Size		7" - 23#
Injection Pressure - p.s.i.		2 7/8" PL ON PKR. @ 5468' - DRLR.
Injection Rate - bbls./hr.		2830
Injection Rate - bbls./day		12.08
Formation Under Flood	290 E = $\frac{\text{DOWNHOLE RATE}}{\text{METERED RATE}} = 1.035$ TBG. ACTUAL; 1.25 CSG. CALCULATED	
Open Hole		DESERT CREEK - ZONE 1
Interval of Perforations		NONE
Recording Speed - ft./min.		SEE BELOW:
Time Constant - sec.		10-20
Sensitivity		2-1
Truck No.		G(10-3-0)10.0
Recorded By		1B
Witnessed By		FORD
		MERRION

Remarks: PERFS. - DRLR.: 5431'-35', 5438'-43', 5490' (NOTCH), 5530'-37', 5541'-49'.
 OLD SQUEEZED PERFS. - DRLR.: 5480'-5502'.
 SOME SLIGHTLY RADIOACTIVE SPOTS IN WELL PRIOR TO SURVEY.
 29.4% OF THE WATER WENT OUT AND BELOW THE BOTTOM PACKER INTO THE DESERT CREEK - ZONE 1A (NOTCH).
 THE REMAINING 70.6% WAS GOING AROUND THE PACKER AND UP INTO THE ISMAY BETWEEN 5470' UP TO 5435' - THE EXACT PATH COULD NOT BE DETERMINED THOUGH THERE APPEARED TO BE SOME HOLES IN THE CASING AND SOME BEHIND THE CASING MOVEMENT.
 TIME DRIVE SCINTILLATION SCANS SHOWED NO INDICATION OF ANY OF THE 29.4% ZONE 1A WATER TO BE GOING BELOW 5490' NOR ABOVE 5485' BEHIND THE CASING.
 NO UPPER PACKER LEAK WAS EVIDENT.



STA. NO.	EJ#	RATE BBL./DAY	DEPTH INTERVAL	CAPACITY OF INTERVAL BBL.	INJECTION VOLUME TO FILL INTERVAL BBL.	% WATER GOING IN OR BELOW BASE OF INTERVAL	PRES. P.S.I.
1-1		290	5370'-5470'	.556	.556	100.0	2830
2-1		290	5480'-5485'	.197	.6701	29.4	2830
3-1		290	5485'-5490'	.197	∞	0.0	2830



PERCENT PER FOOT
0
5
10

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

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CNE/rd
CNE8661

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

PROPERTY NAME	WELL NAME	COUNTY	STATE	SEC	TWNSHP	RNG	WELL TYPE	API NUMBER	FEDERAL LEASE NUMBER	STATE NUMBER	UNIT NUMBER
MC ELMO CREEK	I-23	SAN JUAN	UT	NE	SE	13-41S-24E	INJ OP	43-037-16352	14-20-603-370		96-004190
	I-25	SAN JUAN	UT	NE	NE	24-41S-24E	INJ OP	43-037-16353	14-20-603-370		96-004190
	J-11	SAN JUAN	UT	NW	SW	31-40S-25E	INJ OP	43-037-16354	14-20-603-372		96-004190
	J-13	SAN JUAN	UT	NW	NW	06-41S-25E	INJ OP	43-037-16355	14-20-603-372		96-004190
	J-15	SAN JUAN	UT	NW	SW	06-41S-25E	INJ OP	43-037-15954	14-20-603-372		96-004190
	J-17	SAN JUAN	UT	NW	NW	07-41S-25E	INJ OP	43-037-05595	14-20-603-263		96-004190
	J-19	SAN JUAN	UT	NW	SW	07-41S-25E	INJ OP	43-037-05550	14-20-603-263		96-004190
	J-21	SAN JUAN	UT	NW	NW	18-41S-25E	INJ OP	43-037-06547	14-20-603-263		96-004190
	K-14	SAN JUAN	UT	SE	NW	06-41S-25E	INJ OP	43-037-15956	14-20-603-372		96-004190
	K-18	SAN JUAN	UT	SE	NW	07-41S-25E	INJ OP	43-037-05583	14-20-603-263		96-004190
	K-20	SAN JUAN	UT	SE	SW	07-41S-25E	INJ OP	43-037-15503	14-20-603-263		96-004190
	K-22	SAN JUAN	UT	SE	NW	18-41S-25E	INJ OP	43-037-15504	14-20-603-263		96-004190
	K-22A	SAN JUAN	UT	SE	NW	18-41S-25E	INJ OP	43-037-30400	14-20-603-263		96-004190
	K-24	SAN JUAN	UT	SE	SW	18-41S-25E	INJ OP	43-037-05406	14-20-603-263		96-004190
	L-09	SAN JUAN	UT	NW	NE	31-40S-25E	INJ OP	43-037-16359	14-20-603-372		96-004190
	L-11	SAN JUAN	UT	NW	SE	31-40S-25E	INJ OP	43-037-15958	14-20-603-372		96-004190
	L-13	SAN JUAN	UT	NW	NE	06-41S-25E	INJ OP	43-037-15959	14-20-603-372		96-004190
	L-15	SAN JUAN	UT	NW	SE	06-41S-25E	INJ OP	43-037-15960	14-20-603-372		96-004190
	L-17	SAN JUAN	UT	NW	NE	07-41S-25E	INJ OP	43-037-05613	14-20-603-263		96-004190
	L-19	SAN JUAN	UT	NW	SE	07-41S-25E	INJ OP	43-037-05539	14-20-603-263		96-004190
	L-21	SAN JUAN	UT	NW	NE	18-41S-25E	INJ OP	43-037-05471	14-20-603-263		96-004190
	L-23	SAN JUAN	UT	NE	SE	18-41S-25E	INJ OP	43-037-15507	14-20-603-263		96-004190
	L-25	SAN JUAN	UT	NW	NE	19-41S-25E	INJ OP	43-037-15508	14-20-603-264		96-004190
	M-12	SAN JUAN	UT	SE	SE	31-40S-25E	INJ OP	43-037-15962	14-20-603-372		96-004190
	M-14	SAN JUAN	UT	SE	NE	06-41S-25E	INJ OP	43-037-15963	14-20-603-372		96-004190
	M-16	SAN JUAN	UT	SE	SE	06-41S-25E	INJ OP	43-037-16361	14-20-603-372		96-004190
	M-18	SAN JUAN	UT	SE	NE	07-41S-25E	INJ OP	43-037-15510	14-20-603-263		96-004190
	M-20	SAN JUAN	UT	SE	SE	07-41S-25E	INJ OP	43-037-15511	14-20-603-263		96-004190
	N-07	SAN JUAN	UT	NE	SW	29-40S-25E	INJ OP	43-037-05819	I-149-IND-8839-A		96-004190
	N-09	SAN JUAN	UT	NW	NW	32-40S-25E	INJ OP	43-037-15964	14-20-603-372		96-004190

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

OPERATOR: MOBIL

FIELD: McElmo Creek LEASE: _____

WELL # L-11 SEC. 31 TOWNSHIP 40S RANGE 25E

STATE (FED.) FEE DEPTH 5710 TYPE WELL INJW MAX. INJ. PRESS. 2800 psig
Rate 4000 BWP

TEST DATE 10/22/86

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>	<u>10³/₄</u>	<u>1200'</u>	<u>500_{5x}</u>	<u>-0-</u>		
<u>INTERMEDIATE</u>						
<u>PRODUCTION</u>	<u>7"</u>	<u>5710</u>	<u>300_{5x}</u>	<u>-0-</u>		
<u>TUBING</u>	<u>2⁷/₈</u>	<u>5472</u>		<u>2030</u>		

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

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

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

OPERATOR: MEPNA
 FIELD: Greater Aneth LEASE: McElmo Creek
 WELL # L-11 NAV 6-22-21 SEC. 3 TOWNSHIP 40 RANGE 2E
 STATE (FED) FEE DEPTH 5710 TYPE WELL INJW MAX. INJ. PRESS. 2800

TEST DATE 9/10/86

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>	<u>10 3/4</u>	<u>1200</u>	<u>500</u>	<u>0#</u>		
<u>INTERMEDIATE</u>						
<u>PRODUCTION</u>	<u>7"</u>	<u>5710</u>	<u>300</u>	<u>0#</u>		
<u>TUBING</u>	<u>2 7/8</u>	<u>5472</u>		<u>2000#</u>		

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

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

CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW

* * * * *

Operator: Superior Well No. McElmer Creek Unit L 11
 County: San Juan T 40S R 25E Sec. 31 API# 43-037-15958
 New Well Conversion Disposal Well Enhanced Recovery Well

	<u>YES</u>	<u>NO</u>
UIC Forms Completed	<u>✓</u>	_____
Plat including Surface Owners, Leaseholders, and wells of available record	<u>✓</u>	_____
Schematic Diagram	<u>✓</u>	_____
Fracture Information	_____	<u>✓</u>
Pressure and Rate Control	<u>✓</u>	_____
Adequate Geologic Information	<u>✓</u>	_____
Fluid Source	<u>Desert Creek - San Juan</u>	_____
Analysis of Injection Fluid	Yes <u>✓</u> No _____	TDS <u>60,000+</u>
Analysis of Water in Formation to be injected into	Yes <u>✓</u> No _____	TDS <u>70,000+</u>
Known USDW in area	<u>Average - Weight</u> Depth <u>1200</u>	
Number of wells in area of review	<u>12</u> Prod. <u>9</u> P&A <u>0</u>	
	Water <u>0</u> Inj. <u>3</u>	
Aquifer Exemption	Yes _____ NA <u>✓</u>	
Mechanical Integrity Test	Yes _____ No <u>✓</u>	
Date _____	Type _____	

Comments: _____

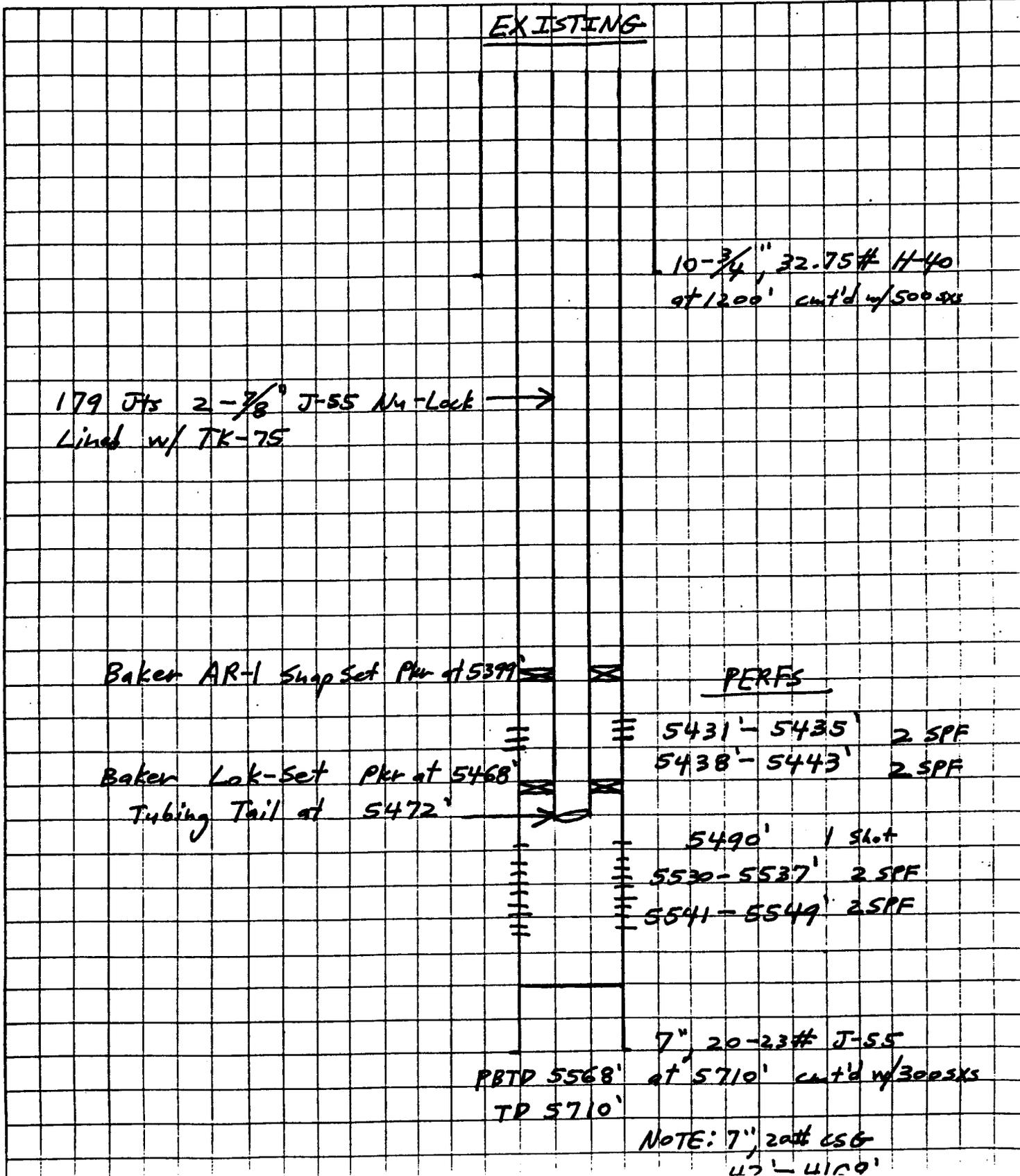
Reviewed by: *[Signature]*

McElmo Creek Unit L-11
Workover Procedure

1. Dig, line and fence a 100+ bbl earth pit. MIRU coiled tubing unit with 1-1/4" coiled tubing. MI Standby Safety Services (303/565-6391) having 5 Scott 30 minute airpacks, five minute escape packs for all coiled tubing/acid stimulation crew, personal H2S monitors for all personnel on location, and one safety man. Acid stimulation company to provide eye wash station. Hook up coiled tubing to water injection line. Lay flow line from wing valve to a choke manifold having two adjustable chokes. Lay flowline from choke manifold to earth pit. Stake and chain flowline down. FT coiled tubing to 6000 psi using injection water.
2. RIH with 1-1/4" coiled tubing with perforation wash nozzle and CO to PBDT at 5568' using injection water at maximum circulating rate at maximum circulating pressure of 5000 psi. If unable to CO fill using injection water, attempt to clean out fill using 10 bbl of 15 percent HCL acid containing 2 gals/mgals corrosion inhibitor, and 10 lbs/mgals iron sequestering agent, neutralizing any unspent acid that returns to pit. If unsuccessful in cleaning well out, FOH, RIH with 1-3/4" dynadrill on 1-1/4" coiled tubing and drill out fill. FOH.
3. MIRU wireline unit with lubricator. RIH with 1-11/16" GR/CCL and log from PBDT through injection packer. FOH. Turn off all radios/cellular telephones on location and post warning signs for radio/cellular telephone silence at all roads within 100 yards of location. RIH with 1-11/16" magnetically decentralized hollow steel carrier perforating guns loaded with 3.2 gram RDX charges at 4 SPF, 0 degree phasing and perforate 5530'-5549'. FOH. RDMO wireline.
4. RU coiled tubing. Pickle coiled tubing with 3 bbls of 15 percent HCL acid, reverse out to pit and neutralize. RIH with 1-1/4" coiled tubing with perforation wash nozzle and spot 5 bbls of xylene across perforations. Let soak for 1 hour. Displace with fresh water. Wash perforations shot in previous step without taking returns using 2 bbls/ft of 15 percent HCL acid. NOTE: All acid pumped into well to contain 2 gals/mgals corrosion inhibitor, and 10 lbs/mgals iron sequestering agent. Pump rate should be maximum injection rate at 5000 psi surface injection pressure. Overdisplace acid using fresh water. FOH. RDMO coiled tubing unit and all surface equipment.
5. Pump out and backfill pit. Turn well over to production leaving well shut in.

FOR _____
 LOCATION _____
 SUBJECT McElmo Creek Unit L-11

JOB OR AUTH. NO. _____
 PAGE _____
 DATE _____
 BY S.S.M



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

5. Lease Designation and Serial No.
14-20-603-372

6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

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

8. Well Name and No.
MCELMO CREEK UN L-11

9. API Well No.
43-037-15958

10. Field and Pool, or exploratory Area
GREATER ANETH

11. County or Parish, State
SAN JUAN UT

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

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

3. Address and Telephone No.

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

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

1935' FSL, 1980' FEL; SEC. 31, T40S, R25E

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

TYPE OF SUBMISSION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

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

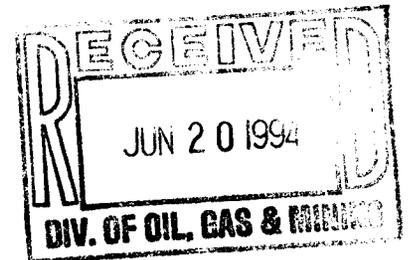
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

06/08/94 MIRU. PRESS TEST LINES TO 4000# - OK. TAGGED FILL @ 5468'. CLEANED OUT TO 5482'. SPOT 3 BBLs ACID, CLEANED OUT TO 5491'. SPOTTED 2 BBLs ACID, CLEANED OUT TO 5492'.

06/09/94 PRESS TEST LINES TO 5000# - OK. TIH W/DYNADRILL, TAGGED FILL @5498'. CLEANED TO 5506'.

06/10/94 PERF 5480-5500 W/6 SPF. PRESS TEST LINE TO 5000# - OK. SPOTTED XYLENE ACROSS PERFS AND WAIT 1 HR. PUMPED 40 BBLs 15% HCL ACID AND OVER DISPLACED WITH 50 BBLs WATER. RETURNED WELL TO INJECTION. RDMO.



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

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

Date 06/14/94

(This space for Federal or State office use)

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

Tax credit 8/8/94

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

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

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

Other
OPER NM CHG _____

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

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

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

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

4. Highlights of Conversation: _____

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

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

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

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

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

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

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

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

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

Name: ** SEE ATTACHED **	API: <u>037 15958</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

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

ENTITY REVIEW

- 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 6 1995.

FILING

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

COMMENTS

950803 LIC F5 / Not necessary!

STATE OF UTAH
INVENTORY OF INJECTION WELLS

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

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

ExxonMobil
Production

August 31, 2000

Request for Extension to Repair Injector
McElmo Creek Unit #L-11
API #43-037-15958
San Juan County, Utah

Mr. Jim Walker
United States Environmental Protection Agency
1235 LaPlata Hwy.
Farmington, New Mexico 87401

43-037-15958
Sec. 31, 40 S, 25 E

Dear Mr. Walker:

Exxon Mobil respectfully requests an additional 60 days to repair McElmo Creek Unit #L-11. We encountered pressure on this well on August 9, 2000. The problem may be due to a casing leak. If it is determined that this is the case, the due date for repair would be September 8, 2000. We are in the process of writing a workover to identify and repair the problem.

If you have any questions, please call me at 713-431-1197.

Ellen M. Carroll

Ellen M. Carroll
Senior Staff Office Assistant
Exxon Mobil Corporation, a division of Exxon Mobil Corporation
on behalf Mobil Producing Tx. & N.M. Inc.

xc: George Robin, U.S. Region IX E.P.A.
Charmaine Hosteen, Navajo Nation E.P.A.
Steve Mason, Bureau of Land Management, Farmington, NM
State of Utah, Division of Oil, Gas, & Mining

RECEIVED

SEP 06 2000

DIVISION OF
OIL, GAS AND MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an Abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other WATER INJECTION	5. Lease Serial No. 14-20-603-372
2. Name of Operator Mobil Producing TX & NM Inc* *Mobil Exploration & Producing US Inc as agent for MPTM	6. If Indian, Allottee or Tribe Name NAVAJO TRIBAL
3a. Address P.O. Box 4358, Houston, TX 77210-4358	7. If Unit or CA/Agreement, Name and/or No. Mc Elmo Creek Unit
3b. Phone No. (include area code) 713-431-1022	8. Well Name and No. McElmo Creek L-11
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1935' FSL & 1980' FEL Sec. 31 - T40S - R25E NW/SE	9. API Well No. 43-037-15958
	10. Field and Pool, or Exploratory Area Greater Aneth
	11. County or Parish, State San Juan, UTAH

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

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

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

Mobil Exploration & Producing US Inc. as agent for Mobil Producing Texas & New Mexico Inc. & Mobil Exploration & Producing North America Inc plans to pull the equipment out of the McElmo Creek L-11. We have pressure on the casing, and will determine whether we have A tubing/equipment related or casing leak. After determining the problem, we will repair as per attached procedures and return the well to injection.

See attached procedures.

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SEP 23 2000

DIVISION OF
OIL, GAS AND MINING

COPY SENT TO OPERATOR

Date: 9-25-00
Initials: CHD

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Mark Del Pico	Title Regulatory Specialist
Signature <i>M. Del Pico</i>	Date 9/22/00

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <i>[Signature]</i>	Title Retr. Engr	Date 9-25-00
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office Utah, DOGM, SLC	

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

SUB SURFACE MAINTENANCE PROGRAM

WELL NO : McElmo Creek L-11 / API # 43-037-15958

SEC 31 - T40S - R25E

San Juan County, Utah

To pull equipment, address backside communication, isolate perf zone, replace pkr equipment as needed and return well to injection.

GENERAL PROCEDURES

- (1) MIRU perf company. Perforate tbg approximately 1jt above pkr (pkr @5399') and circ kill fluid down the tbg and up the csg.
- (2) MIRU PU, ND WH, NU BOP/hydril.
- (3) MIRU Campbell Tbg testers.
- (4) Release 7" Baker AR1 snap set pkr (@5399') and 7" Baker Lok Set pkr (@5468') and POOH testing 2 7/8" tbg bodies to 3000psi. SB all joints that pass pressure test and LD all other joints.
- (5) Pick up 2 7/8" workstring, 7" scraper, 5jts of 2 7/8" tbg, and 6 1/8" bit. Attempt to cleanout to a minimum of 20' below bottom perfs (5541'-5549').
- (6) POOH SB 2 7/8" workstring and LD 7" scraper and 6 1/8" bit.
- (7) PU 7" treating pkr, retrieving head, 7" RBP and RIH on 2 7/8" workstring.
- (8) Set RBP @5400' and test plug to equivalent pressure of 500psi. Once plug integrity has been established, proceed to circulate out kill fluid and circ in freshwater.
- (9) Pressure test csg to 1000psi for 30minutes. If csg doesn't test, then proceed to step 1a. Otherwise continue to step 10.

Csg Leak Isolation

- (a) Dump 2sx of sand on top of RBP. MIRU cmt company.
- (b) Begin isolating the leak by testing to 500# starting with the pkr @2700'. 3hrs
- (c) Isolate leak within a 50' interval using 7" treating pkr. 1hr
- (d) Establish rate and pressure into csg leak. 1hr
- (e) Mix 50sx of cmt per Dowell Schlumberger recommendations w/ a pump time of 2-3 hrs, not to exceed 1200psi.

Note 1 - If the rate is >1/4bpm & the press is less than 500psi, then use a Class G neat cmt

Note 2 - If the rate is <1/4bpm & the press is greater than 500psi, then use Class G cmt with fluid loss additive and dispersant material. Class B cmt may be substituted

Class G).

- (f) POOH w/ workstring & pkr. MIRU reverse unit. RIH w/ bit and 3 collars. DO cmt until you get sand returns. Pressure test squeeze to 1000psi. If pressure holds, POOH w/ bit and collars. RDMO reverse unit and cmt company. If pressure doesn't hold, then repeat steps d-f.
- (g) Proceed to step 9.

Continued

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DIVISION OF
OIL GAS AND MINING

- (9) Circ out freshwater and circ in kill fluid.
- (10) Release treating pkr and RIH to retrieve RBP.
- (11) Release RBP, move it down hole and attempt to set at 5460'.
- (12) Test RBP to approximately 500psi and establish plug integrity.
- (13) Pull up hole and set treating pkr at 5420'.
- (14) MIRU cmt company.
- (15) Establish rate and pressure into perf intervals 5431' – 5435' & 5438'-5443'.
- (16) Mix 50sx of cmt per Dowell Schlumberger recommendations w/ a pump time of 2 -3 hrs not to exceed 1200psi.
- (17) POOH SB workstring & LD pkr. MIRU reverse unit. RIH w/ bit and 3 collars. DO cmt until you get sand returns. Pressure test squeeze to equivalent pressure of 1000psi. If pressure holds, POOH w/ bit and collars. RDMO reverse unit.
- (18) RIH w/ workstring and retrieving head. Latch on to bridge plug and POOH w/LD workstring and RBP.
- (19) PU pump out plug, redressed 7" Baker Lok Set pkr, 7" x 2 7/8" on/off tool w/ profile and RIH on 2 7/8" cmt lined tbg testing each connection to 3000psi using Campbell's Testers.

Warning! – (1) If the perf interval from 5431'-5435' & 5438'-5443' couldn't be isolated, then isolate zone by picking up 7" x 2 7/8" on/off tool w/ profile, 7" Baker FH pkr, 2jts of cmt lined tbg, and 7" Baker FH and pump-out plug.
 (2) Set top 7" Baker FH pkr @ 5400' and set Baker FH pkr @5468'.
- (20) Set pkr @ 5468' and test casing to equivalent pressure of 1000psi.
- (21) RDMO Campbell tbg testers and inspection.
- (22) Release on/off tool, circ. Pkr. Fluid (176bbbls of freshwater w/ 74gal of Baker Petrolite CRW 132F) latch on to pkr.
- (23) ND BOP/Hydril, NU WH.

Note – Call ahead (at least 48hrs prior to testing) to the Navajo EPA and BLM so that they have time to find a witness for the MIT test if needed once the injection string is run back in. The backside should be tested to 1000psi with no more than a 10% loss in 30minutes if a successful test is to be obtained. The test should be charted and an original copy sent to Ellen Carroll (713-431-1197) in Houston, Tx.
- (24) Test tbg to 1200 psi and pump-out plug.
- (25) Clean location RDMO PU.

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 OIL, GAS AND MINING

Elmo Creek L11
WELL ID
API # 43-037-15958
SEC 31-T40S-R25E

OVERALL OBJECTIVE:

- (1) Pull equipment
- (2) Troubleshoot failure
- (3) Repair csg if necessary
- (4) RIH w/ new pkr equipment

Surface csg - 10 3/4", 32.75#,
H40. 1200' w/550sx

177jts of 2 7/8" Tbg

Surface Csg Shoe @ 1200'

COMPLETION DATE: _____
TOTAL COST: _____

MUD WEIGHT:
MUD VISCOSITY:

EXISTING EQUIPMENT

Run time - 5/24/80

- 177jts of 2 7/8" nu-lock TK75 J55 tbg (5385.5')
- Baker 7" AR-1 Snap set pkr @5399.46'
- 2jts of 2 7/8" tbg
- Baker 7" Lok Set pkr @5467.77'

NEW EQUIPMENT INFO

- string of 2 7/8" tbg
- 7" x 2 7/8" on/off tool w/ profile
- 7" x 2 7/8" Baker Lok Set Pkr @ 5468'
- pump-out plug
- Note - An alternative arrangement may be selected if the perf zones (5431'-5435' & 5438'-5443') can't be squeezed.
- The alternative arrangement will consist of on/off tool, Baker HF pkr, 2jts of tbg, and bottom Baker HF pkr.

TOC - 4599'

Pkr depth

Current Design -
2jts of 2 7/8 tbg
attached to a 7"
Baker Lok Set Pkr

- Perfs
- 5431'-5435'
 - 5438'-5443'
 - 5479'-5500'
 - 5501'-5503'
 - 5530'-5537'
 - 5578'-5638' sqz'd off

Injection Csg - 7",
20#, 23#, J55,
5710' w/ 300sx

PBTD - 5568'

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DIVISION OF
OIL, GAS AND MINING

ExxonMobil Production Company

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

ExxonMobil
Production

November 6, 2000

Request for Extension to Repair Injector
McElmo Creek Unit #L-11
API #43-037-15958
San Juan County, Utah

Mr. Jim Walker
United States Environmental Protection Agency
1235 LaPlata Hwy.
Farmington, New Mexico 87401

Dear Mr. Walker:

Exxon Mobil respectfully requests additional time to resolve the mechanical integrity issue on McElmo Creek Unit #L-11. We encountered pressure on this well on August 9, 2000. We currently have an extension to complete the required well work (repair and retest, or plug and abandon) by November 7, 2000.

We are evaluating the wellbore for future utility as a CO2 injection well. We anticipate having a written procedure submitted by November 30, 2000, and the mechanical integrity issue resolved by January 15, 2000.

If you have any questions or need to discuss further, please call me at 713-431-1197.

Ellen M. Carroll

Ellen M. Carroll
Senior Staff Office Assistant
Exxon Mobil Corporation, a division of Exxon Mobil Corporation
on behalf Mobil Producing Tx. & N.M. Inc.

COPY SENT TO OPERATOR
Date: 11-15-00
Initials: CHD

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

xc: George Robin, U.S. Region IX E.P.A.
Charmaine Hosteen, Navajo Nation E.P.A.
Bureau of Land Management, Farmington, NM
State of Utah, Division of Oil, Gas, & Mining

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NOV 08 2000

DIVISION OF
OIL, GAS AND MINING

An ExxonMobil Subsidiary

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FORM APPROVED
OMB No. 1004-0135
Expires: July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
14-20-603-372

6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

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

8. Well Name and No.
McElmo Creek Unit L11

9. API Well No.
43-037-15958

10. Field and Pool, or Exploratory Area
GREATER ANETH

11. County or Parish, State
SAN JUAN UT

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other **INJECTION WELL**

2. Name of Operator
Mobil Producing TX. & N.M. Inc.

3a. Address **P.O. Box 4358
Houston TX 77210-4358**

3b. Phone No. (include area code)
(713) 431-1197

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1935' FSL, 1980' FEL, Sec 31, T40S, R25E

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

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

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

Exxon Mobil respectfully requests additional time to resolve the mechanical integrity issue on McElmo Creek Unit #L-11. We encountered pressure on this well on August 9, 2000. We currently have an extension to complete the required well work (repair and retest, or plug and abandon) by November 7, 2000.

We are evaluating the wellbore for future utility as a CO2 injection well. We anticipate having a written procedure submitted by November 30, 2000, and the mechanical integrity issue resolved by January 15, 2000.

A copy of e-mail correspondence with Jim Walker of the US BLM is attached.

COPY SENT TO OPERATOR
Date: 11-15-00
Initials: CHD

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

RECEIVED
NOV 08 2000
DIVISION OF
OIL, GAS AND MINING

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

Name (Printed/Typed) Ellen M. Carroll	Title Sr. Staff Office Assistant	ExxonMobil Production Company, A Division of Exxon Mobil Corporation, acting for Mobil Producing Texas & New Mexico Inc.
Signature <i>Ellen M. Carroll</i>	Date 11/07/2000	

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

Carroll, Ellen M

From: Walker.Jim@epamail.epa.gov
Sent: Monday, November 06, 2000 1:51 PM
To: emcarro@upstream.xomcorp.com
Subject: Re: McElmo Creek Unit #L-11 - Request for Extension to Repair

Per our conversation today, the 60-day extension is approved. I should add to my response to your question about shut-in and TA wells that notification of EPA is required before they are re-activated.

Jim Walker

emcarro@upstream.xomcorp.com on 11/06/2000 12:37:26 PM

To: Jim Walker/R9/USEPA/US
cc: George Robin/R9/USEPA/US, nnepauc@cyberport.com

Subject: McElmo Creek Unit #L-11 - Request for Extension to Repair

November 6, 2000

Request for Extension to Repair Injector
McElmo Creek Unit #L-11
API #43-037-15958
San Juan County, Utah

Mr. Jim Walker
United States Environmental Protection Agency
1235 LaPlata Hwy.
Farmington, New Mexico 87401

Dear Mr. Walker:

Exxon Mobil respectfully requests additional time to resolve the mechanical integrity issue on McElmo Creek Unit #L-11. We encountered pressure on this well on August 9, 2000. We currently have an extension to complete the required well work (repair and retest, or plug and abandon) by November 7, 2000.

We are evaluating the wellbore for future utility as a CO2 injection well. We anticipate having a written procedure submitted by November 30, 2000, and the mechanical integrity issue resolved by January 15, 2000.

If you have any questions or need to discuss further, please call me at 713-431-1197.

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DIVISION OF
OIL, GAS AND MINING

Ellen M. Carroll
Senior Staff Office Assistant
Exxon Mobil Corporation, a division of Exxon Mobil Corporation
on behalf Mobil Producing Tx. & N.M. Inc.

xc: George Robin, U.S. Region IX E.P.A.
Charmaine Hosteen, Navajo Nation E.P.A.
Bureau of Land Management, Farmington, NM
State of Utah, Division of Oil, Gas, & Mining

~~~~~  
ELLEN CARROLL  
EXXON MOBIL PRODUCTION COMPANY  
Phone: 713-431-1197 Fax: 713-431-1600  
E-mail address: emcarro@upstream.xomcorp.com

**RECEIVED**

NOV 08 2000

DIVISION OF  
OIL, GAS AND MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires: July 31, 1996

**SUNDRY NOTICES AND REPORTS ON WELLS**

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5. Lease Serial No.  
**14-20-603-372**

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

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

8. Well Name and No.  
**McElmo Creek Unit L-11**

9. API Well No.  
**43-037-15958**

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

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

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well  
 Oil Well  Gas Well  Other **INJECTION WELL**

2. Name of Operator  
**Mobil Producing TX. & N.M. Inc.**

3a. Address **P.O. Box 4358 Houston TX 77210-4358**

3b. Phone No. (include area code)  
**(713) 431-1197**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**1935' FSL, 1980' FEL  
Sec 31 T-40-S R-25-E**

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

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

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

Attached is a summary of work performed on McElmo Creek Unit #L-11 from 01/02/01 to 02/07/01 to repair annular pressure.

MIT was performed on 02/07/01, chart is attached.

**RECEIVED**

FEB 20 2001

DIVISION OF  
OIL, GAS AND MINING

|                                                                                                                |                                            |                                                                                 |
|----------------------------------------------------------------------------------------------------------------|--------------------------------------------|---------------------------------------------------------------------------------|
| 14. I hereby certify that the foregoing is true and correct<br>Name (Printed/Typed)<br><b>Ellen M. Carroll</b> | Title<br><b>Sr. Staff Office Assistant</b> | <b>ExxonMobil Production Company,<br/>A division of Exxon Mobil Corporation</b> |
| Signature<br><i>Ellen M. Carroll</i>                                                                           | Date<br><b>02/19/2001</b>                  | <b>acting for Mobil Producing<br/>Texas &amp; New Mexico, Inc.</b>              |

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

|             |       |      |
|-------------|-------|------|
| Approved by | Title | Date |
|-------------|-------|------|

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

Office

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

**MCELMO CREEK #L-11  
SAN JUAN COUNTY, UTAH  
43-037-15958**

1/2/01 MIRU WSU Spot equipment. Hook up lines to pump, tanks and manifold. SITP = 700 psi, SICP = 700 psi, Surface casing pressure is 0. Flow back ~ 50 bbls. SITP = 300 psi. Pump 43 bbls of 10 ppg brine. SICP = 850 psi, SITP = 1150 psi. after 30 minutes the TP was 700 psi, CP was 850 psi. Bled back 10 bbls. SITP = 360 psi, SICP = 850 psi. SION

1/3/01 SITP = 300 psi, SICP = 700 psi. Thaw lines and bleed off 5 bbls from tbg.. SITP = 220 psi, SICP = 550 psi. Attempt to bleed down casing pressure several times. Pressure continued to return. Roll the hole with 12.8 ppg KWF and SION.

1/4/01 SITP and CP slight vacuum. NDWH, NU and test BOPE. Attempt to release packer. No luck. Circulate the well to clean any debris off of BHA. Still would not release. Will need to free point and cut in the am.

1/5/01 MIRU wireline unit. TP/CP slight vacuum. Held pre-job meeting and rih to free point. Found top packer stuck but it appears we can rotate below it. POOH. RIH and jet cut ~ 3' above top packer. PU 60k. Tubing jumped 3' but is still stuck. Packer may have slid uphole. PU to 65K. Pipe jumped and is now free. SION.

1/6/01 SITP/CP slight vacuum. Open well and POOH with tubing. Packer is not in place. PU and RIH with 165 joints of workstring. SION

1/8/01 SITP/CP = 0 Open well and POOH with workstring. MU and RIH with overshot, bumper sub, jars and drill collars. Latch onto fish and PU 60K. Jars went off. Something came loose. Set down twice and stacked out. POOH. Found the mandrel in the upper packer had parted. RIH to bottom with workstring and SION.

1/9/01 SITP/CP = 0 POOH. MU and RIH with spear, bumper sub and collars. Sting into fish. Begin jarring and rotating. Something came free. Let sit to allow packer rubbers to relax. Pull and lay down 2 joints. Pulling 20K over string weight. Think we have the packers. No time to trip out and back in. SION. Will line up a mud bucket in case pipe comes wet.

1/10/01 SITP/CP = 0 POOH slowly. Found top packer, 1 joint and ~ 6' of second joint. Still in hole is ~25' of tubing and bottom packer. MU overshot and RIH. Tag fill ~ 21' above the top of the fish. (fish top is 5421). Wash down 15' and circulate clean. Have to circulate conventional to keep pressure down. Fill is very hard. Will run wash pipe and a shoe in the morning.

1/11/01 TP/CP = 0 POOH and lay down overshot. MU mill and washpipe and mill shoe. RIH and wash over top of fish to the top of the packer. Recovered lots of hard scale. Circulate clean and lay down 2 joints. SION

**RECEIVED**

FEB 2 2001

DIVISION OF  
OIL, GAS AND MINING

1/12/01 SITP/CP = 0. POOH and lay down washpipe and mill shoe. MU and RIH with overshot and jarring equipment. Latch onto fish and set off jars. Something came free. POOH. Found ~ 10' of 2 7/8" tubing. Redress overshot and RIH. SION

1/15/01 SITP/CP = 0. RIH and latch onto fish. Begin jarring and rotating to attempt to free packer. Fish began moving uphole. POOH and found remaining BHA ( 15' of 2 7/8" tubing and the packer.....there was a rubber and 2 drag blocks missing from the packer.). MU and RIH with a bit and casing scraper. RU swivel and drill down to ~5480'. Circulate clean and SION.

1/16/01 SITP/CP = 0. Continue drilling for ~2hrs. Finally drilled up rubber. Drilling slow. Made 9' to 5491' and drilling stopped. POOH. Found 3 drag blocks and 2 straps missing from the casing scraper. Contacted reservoir engineers and decided we were deep enough based on previous reports that indicated that zone 1 and 2 were in communication behind pipe. PU and RIH with test packer and 100 joints. SION.

1/17/01 Safety Stand down for Overhead Powerline Safety review. SITP/CP = 0. Finish RIH with 74 joints. Set packer at 5389'. Test casing to 250 psi, 1000 psi equivalent with fresh water. Tested OK. POOH laying down 100 joints of workstring. SION

1/18/01 SITP/CP = 0. POOH laying down remaining workstring and packer. RIH with DC and lay down same. Change out floats and RIH hydrotesting with Re-entry guide, 1.78" 'R' profile nipple, 6' SS tubing sub, hydraulic set packer, 2 joints of 3.5" 15.37# FL-4S tubing, G-6 packer, on/off tool with 1.87" profile and 30 joints of 2 7/8" IPC CS hydril tubing. Elevators broke. SDFN

1/19/01 SITP/CP = 0. Finish testing in the hole with 2 7/8" IPC CS hydril tubing. Had to replace 9 joints. Top 9 joints are 2 7/8" J-55 IPC 8rd EUE tubing. RD hydrotester and set G-6 at 5396'. Get off on/off tool and roll the hole with 200 bbls of packer fluid. Latch up and SION.

1/20/01 SITP/CP =0 NDBOPE, NUWH. Set hydraulic packer at 5459'. Pressure test the casing to 1000 psi for 30 minutes. OK. RDWSU MO.

1/22/01 Clean location and close earth pit.

1/23/01 MIRU slickline. RIH and retrieve tubing plug.

2/7/01 Performed MIT. Witnessed by Melvina Clah with the Navajo EPA. Test casing to ~1100 psi for 30 minutes. Chart recorder was off on calibration but drew a straight line. Gauge showed test good. Passed.

**RECEIVED**

FEB 20 2001

DIVISION OF  
OIL, GAS AND MINING



**ExxonMobil Production Company**  
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.

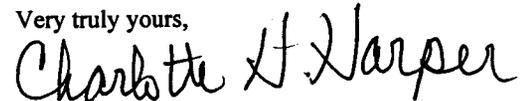
Please note the change of name of MOC to ExxonMobil Oil Corporation in your records pertaining to any MOC permits.

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  
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 1              | <i>DBM</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

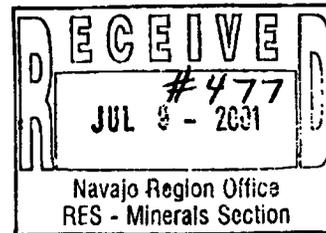
*PS 7/12/2001*  
*SH*  
*543*  
*File*

June 27, 2001

**ExxonMobil**  
*Production*

Certified Mail  
Return Receipt Requested

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



Change of Name -  
Mobil Oil Corporation to  
ExxonMobil Oil Corporation

Dear Ms. Denetsone:

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

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

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

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

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

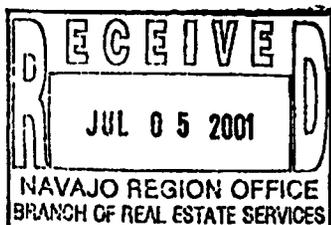
If you have any questions, please contact Alex Correa at (713) 431-1012.

Very truly yours,

*Charlotte H. Harper*

Charlotte H. Harper  
Permitting Supervisor

Attachments



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

*NOTE: Check forwarded to Ella Isaac*

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

Gentlemen:

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

OFFICERS

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

DIRECTORS

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

Sincerely,

Alex Correa

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



Signature

AGENT AND ATTORNEY IN FACT

Title

**CERTIFICATION**

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

**CHANGE OF COMPANY NAME**

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

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

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

ExxonMobil Oil Corporation",

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

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

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

*S. A. Sullivan*  
Assistant Secretary

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

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

*Janice M. Phillips*  
Notary Public



**LISTING OF LEASES OF MOBIL OIL CORPORATION**

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

6/1/01

# CHUBB GROUP OF INSURANCE COMPANIES

One Chubb Plaza, Suite 1400, Houston, Texas 77027-3501  
Telephone: (713) 297-4600 • Facsimile: (713) 297-4750

*NW Bond*

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

**BOND NO 8027 31 97**

wherein

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

**FEDERAL INSURANCE COMPANY AS SURETY,**

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

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

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

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

**TO : ExxonMobil Oil Corporation**

All other terms and conditions of this Bond are unchanged.

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

**ExxonMobil Oil Corporation**

By :



**FEDERAL INSURANCE COMPANY**

By:

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



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 dependent's presence.



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

Karen A. Price  
Notary Public

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

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

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

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

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



Kenneth C. Wendel  
Kenneth C. Wendel, Assistant Secretary

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

CSC

5184334741

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

CSC

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

F010601000187

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

**CSC 45**

(Under Section 805 of the Business Corporation Law)

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

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

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

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

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

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

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

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

CSC  
CSC

5184334741

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

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

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

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

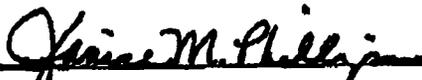
STATE OF TEXAS       )  
COUNTY OF DALLAS    )

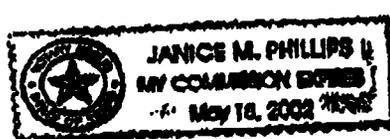
F. L. REID, being duly sworn, deposes and says that he is the Secretary of MOBIL OIL CORPORATION, the corporation mentioned and described in the foregoing instrument; that he has read and signed the same and that the statements contained therein are true.

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

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

[SEAL]

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



CSC  
CSC

5184334741

06/01 '01 09:01 NO. 411 02/02  
06/01 '01 09:06 NO. 132 04/04  
**F010601000187**

**CSC 45**

**CERTIFICATE OF AMENDMENT**

**OF**

**MOBIL OIL CORPORATION**

**Under Section 805 of the Business Corporation Law**

*SAC*

**STATE OF NEW YORK  
DEPARTMENT OF STATE**  
*100 cc*

Filed by: EXXONMOBIL CORPORATION  
(Name)

FILED JUN 01 2001

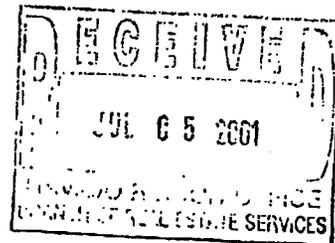
6949 Las Colinas Blvd.  
(Mailing address)

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

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

*ny Albany*

*Case Ref # 165578 MPJ*



**010601000195**

State of New York }  
Department of State } ss:

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

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



A handwritten signature in black ink, appearing to read "J. H. ...", is written over a horizontal line.

*Special Deputy Secretary of State*

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

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

Change of Operator (Well Sold)

Designation of Agent

**X Operator Name Change**

Merger

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

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

**CA No. Unit: MCELMO CREEK**

| <b>WELL(S)</b>                            |                |              |              |               |              |                |
|-------------------------------------------|----------------|--------------|--------------|---------------|--------------|----------------|
| NAME                                      | SEC TWN<br>RNG | API NO       | ENTITY<br>NO | LEASE<br>TYPE | WELL<br>TYPE | WELL<br>STATUS |
| MCELMO CREEK F-11                         | 36-40S-24E     | 43-037-15617 | 5980         | INDIAN        | WI           | A              |
| MCELMO CREEK G-12                         | 36-40S-24E     | 43-037-15618 | 5980         | INDIAN        | WI           | A              |
| MCELMO CREEK I-12                         | 36-40S-24E     | 43-037-15619 | 5980         | INDIAN        | WI           | A              |
| NAVAJO A-2 (MCELMO H-11)                  | 36-40S-24E     | 43-037-16350 | 99990        | INDIAN        | WI           | A              |
| NAVAJO 7 (MCELMO T-8)                     | 28-40S-25E     | 43-037-16377 | 99990        | INDIAN        | WI           | A              |
| NAVAJO TRIBE F-3 (MCELMO N-7)             | 29-40S-25E     | 43-037-16362 | 99990        | INDIAN        | WI           | A              |
| NAVAJO TRIBE F-18 (MCELMO P-7)            | 29-40S-25E     | 43-037-16366 | 99990        | INDIAN        | WI           | A              |
| MCELMO CREEK K-12                         | 31-40S-25E     | 43-037-15955 | 5980         | INDIAN        | WI           | A              |
| <b>NAVAJO TRIBE C-33-31 (MCELMO L-11)</b> | 31-40S-25E     | 43-037-15958 | 99990        | INDIAN        | WI           | A              |
| MCELMO CREEK M-10                         | 31-40S-25E     | 43-037-15961 | 5980         | INDIAN        | WI           | A              |
| MCELMO CR M-12                            | 31-40S-25E     | 43-037-15962 | 5980         | INDIAN        | WI           | A              |
| NAVAJO TRIBE C-13-31 (MCELMO J-11)        | 31-40S-25E     | 43-037-16354 | 99990        | INDIAN        | WI           | A              |
| NAVAJO TRIBE C-31-31 (MCELMO L-9)         | 31-40S-25E     | 43-037-16359 | 99990        | INDIAN        | WI           | A              |
| NAVAJO C-11-32 (MCELMO N-9)               | 32-40S-25E     | 43-037-15964 | 99990        | INDIAN        | WI           | I              |
| NAVAJO C-13-32 (MCELMO N-11)              | 32-40S-25E     | 43-037-15965 | 99990        | INDIAN        | WI           | A              |
| MCELMO CREEK O-10                         | 32-40S-25E     | 43-037-15967 | 5980         | INDIAN        | WI           | A              |
| MCELMO O-12                               | 32-40S-25E     | 43-037-15968 | 5980         | INDIAN        | WI           | A              |
| MCELMO CREEK P-11 (RE-ENTRY)              | 32-40S-25E     | 43-037-15971 | 5980         | INDIAN        | WI           | A              |
| MCELMO CREEK Q-10 (RE-ENTRY)              | 32-40S-25E     | 43-037-15973 | 5980         | INDIAN        | WI           | A              |
| NAVAJO C-31-32 (MCELMO P-9)               | 32-40S-25E     | 43-037-16367 | 99990        | INDIAN        | WI           | A              |

**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: 06/01/2001

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

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

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

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

**NOTE: EPA ISSUES UIC PERMITS**

**DATA ENTRY:**

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

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

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

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

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

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

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

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

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

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

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

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

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

The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

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

5. Lease Serial No.

14-20-603-372

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA/Agreement, Name and/or No.

MCELMO CREEK UNIT

8. Well Name and No.

McElmo Creek Unit L-11

9. API Well No.

43-037-15958

10. Field and Pool, or Exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN UT

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well

Oil Well  Gas Well  Other **INJECTION WELL**

2. Name of Operator

**Exxon Mobil Corporation**

3a. Address **P.O. Box 4358**

**Houston**

**TX 77210-4358**

3b. Phone No. (include area code)

**(281) 654-1934**

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

**1935' FSL & 1980' FEL**

**Sec 31 T-40-S R-25-E**

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

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

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

SEE ATTACHED PROCEDURE.

ACCEPTED FOR RECORD  
NOV 03 2003  
FARMINGTON FIELD OFFICE  
BY *[Signature]*

070 FARMINGTON, N.M.  
NOV 27 AM 10:33  
RECEIVED  
RECEIVED

APR 24 2006

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**Cathy W. Higginbotham**

Title

**Staff Office Assistant**

Signature

*Cathy Higginbotham*

Date

**10/24/2003**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

Office

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

(Instructions on Reverse)

OPERATOR

**McElmo Creek Unit #L-11  
San Juan County, Utah  
14-20-603-372**

9/24/03

JSC, JSA, MIRU WSU, MI spot equipment, Ru hard lines, bled well down tbg and csg 750#, well dead, ND tree, NUBOP, POOH w/ one jt, PU packer RIH set packer, test BOP, test good, POOH LD packer, MI spot WS, PU 73 jts, got on top (5220') RBP. SION.

9/25/03

Bled well down, Cicr 210 bbls 13.0 # KWF, POOH SB 73 jst WS, LD 100 jts NU-Lock IPC tbg, PU RBP retrieving head, RIH w/ 36 std, PU 100 jts WS, tagged fill @~5341', 10' above RBP, circ out fill w/ KWF, got on top RBP. SION.

9/26/03

JSC, JSA, latch on RBP, Release RBP. POOH LD RBP, PU CICR RIH Set @ ~5485', Circ KWF, pump 210 bbls 10 # brine, test CICR 1000# held good, tried to pump into tbg 2000#, bled off. SION Schedule Cmt Monday AM. called BLM < EPA, Navajo Minerals.

9/29/03

JSA, JSC, bleed off well, Ru BJ waited on brine water, tested the casing w/ 1000# passed. Try to pump into the tubing couldn't get into no circulation (EPA / BLM OK to sting out and cmt on top of Cement retainer), sting out spot 32 sx of cmt 6.5 bbls- POOH lay down 27 jts. Cement balance at 4542' -4342' (200') with 8bbls cement. Stand back 27 Stands (1350') and lay down the rest (100jts), Rig up Wire Line Unit w/ lubercator tested and run in hole w/ perforation gun and perforated at 1483- 1485, all 8 shots went good. Pull the gun back out lay down and close the blind, pump into establish a good rate and circulated through the surface casing. Pick up the cement retainer set at 1435'. Started cement pump 110 bbls, finally cement show up. Sting out of Cement Retainer pump and fill to surface. lay the all the workstring tubing. 46 jts. Nipple down BOPE, have BJ cemented to fill to surface.

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):<br>N1855-ExxonMobil Oil Corporation<br>PO Box 4358<br>Houston, TX 77210-4358<br>Phone: 1 (281) 654-1936 | <b>TO:</b> ( New Operator):<br>N2700-Resolute Natural Resources Company<br>1675 Broadway, Suite 1950<br>Denver, CO 80202<br>Phone: 1 (303) 534-4600 |                      |
| <b>CA No.</b>                                                                                                                        | <b>Unit:</b>                                                                                                                                        | <b>MC ELMO (UIC)</b> |

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

**DATA ENTRY:**

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

**BOND VERIFICATION:**

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

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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**TRANSFER OF AUTHORITY TO INJECT**

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

EFFECTIVE DATE OF TRANSFER: 6/1/2006

**CURRENT OPERATOR**

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

**NEW OPERATOR**

Company: Resolute Natural Resources Company Name: Dwight E Mallory  
 Address: 1675 Broadway, Suite 1950 Signature: [Signature]  
city Denver state CO zip 80202 Title: Regulatory Coordinator  
 Phone: (303) 534-4600 Date: 4/26/2006  
 Comments: A list of affected UIC wells is attached.  
 New bond numbers for these wells are:  
 BIA Bond # PA002769 and US EPA Bond # B001252

(This space for State use only)

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

Approval Date: 6/12/06

Comments:

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

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

FORM 9

|                                                                                                                                                                                                                                                  |  |                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------|
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b>                                                                                                                                                                                                       |  | 5. LEASE DESIGNATION AND SERIAL NUMBER:<br><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:<br><b>Navajo Tribe</b>        |
| 1. TYPE OF WELL<br>OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Unit Agreement</u>                                                                                                                               |  | 7. UNIT or CA AGREEMENT NAME:<br><b>McElmo Creek Unit</b>           |
| 2. NAME OF OPERATOR:<br><b>Resolute Natural Resources Company</b> <i>N2700</i>                                                                                                                                                                   |  | 8. WELL NAME and NUMBER:<br><b>See attached list</b>                |
| 3. ADDRESS OF OPERATOR:<br><b>1675 Broadway, Suite 1950</b> CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>80202</b>                                                                                                                                  |  | 9. API NUMBER:<br><b>Attached</b>                                   |
| PHONE NUMBER:<br><b>(303) 534-4600</b>                                                                                                                                                                                                           |  | 10. FIELD AND POOL, OR WILDCAT:<br><b>Greater Aneth</b>             |
| 4. LOCATION OF WELL<br>FOOTAGES AT SURFACE: <b>See attached list</b>                                                                                                                                                                             |  | COUNTY: <b>San Juan</b>                                             |
| QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:                                                                                                                                                                                                     |  | 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<br>(Submit in Duplicate)<br><br>Approximate date work will start:<br>_____          | <input type="checkbox"/> ACIDIZE<br><input type="checkbox"/> ALTER CASING<br><input type="checkbox"/> CASING REPAIR<br><input type="checkbox"/> CHANGE TO PREVIOUS PLANS<br><input type="checkbox"/> CHANGE TUBING<br><input type="checkbox"/> CHANGE WELL NAME<br><input type="checkbox"/> CHANGE WELL STATUS<br><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS<br><input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> DEEPEN<br><input type="checkbox"/> FRACTURE TREAT<br><input type="checkbox"/> NEW CONSTRUCTION<br><input checked="" type="checkbox"/> OPERATOR CHANGE<br><input type="checkbox"/> PLUG AND ABANDON<br><input type="checkbox"/> PLUG BACK<br><input type="checkbox"/> PRODUCTION (START/RESUME)<br><input type="checkbox"/> RECLAMATION OF WELL SITE<br><input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | <input type="checkbox"/> REPERFORATE CURRENT FORMATION<br><input type="checkbox"/> SIDETRACK TO REPAIR WELL<br><input type="checkbox"/> TEMPORARILY ABANDON<br><input type="checkbox"/> TUBING REPAIR<br><input type="checkbox"/> VENT OR FLARE<br><input type="checkbox"/> WATER DISPOSAL<br><input type="checkbox"/> WATER SHUT-OFF<br><input type="checkbox"/> OTHER: _____ |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br><br>Date of work completion:<br>_____ |                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                |

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

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

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

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

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

(This space for State use only)

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

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

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

|                                                                                                                                                    |  |                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------|
| 1. TYPE OF WELL<br>OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Injection</u>                                      |  | 5. LEASE DESIGNATION AND SERIAL NUMBER:                   |
| 2. NAME OF OPERATOR:<br>ExxonMobil Oil Corporation <u>N1855</u>                                                                                    |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:<br><u>Ship Rock</u> |
| 3. ADDRESS OF OPERATOR:<br>P.O. Box 4358 CITY <u>Houston</u> STATE <u>TX</u> ZIP <u>77210-4358</u>                                                 |  | 7. UNIT or CA AGREEMENT NAME:<br><u>UTU68930A</u>         |
| 4. LOCATION OF WELL<br>FOOTAGES AT SURFACE: _____ COUNTY: <u>San Juan</u><br>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: <u>UTAH</u> |  | 8. WELL NAME and NUMBER:<br><u>McElmo Creek</u>           |
| PHONE NUMBER: <u>(281) 654-1936</u>                                                                                                                |  | 9. API NUMBER:<br><u>attached</u>                         |
|                                                                                                                                                    |  | 10. FIELD AND POOL, OR WILDCAT:<br><u>Aneth</u>           |

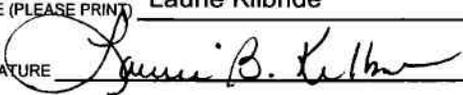
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

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

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

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

(This space for State use only)

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

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

DIV. OF OIL, GAS & MINING

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

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

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

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

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

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