

FILE NOTATIONS

Entered in NID File
Entered On S R Sheet _____
Location Map Pinned
Card Indexed
IWR for State or Fee Land _____

Checked by Chief RLL
Copy NID to Field Office
Approval Letter In Unit
Disapproval Letter _____

COMPLETION DATA:

Date Well Completed 1-13-62
OW WW _____ TA _____
GW _____ OS _____ PA _____

Location Inspected _____
Bond released _____
State of Fee Land _____

LOGS FILED

Driller's Log 1-29-62
Electric Logs (No.) 2

E _____ I _____ E-I GR _____ GR-N Micro _____
Lat. _____ Mi-L _____ Sonic _____ Others _____

*Osina well was included in the
McClellan Local Unit Effective May 1, 1962*

Electric Log Top

GEOLOGIC TOPS:

QUATERNARY	Star Point	Sinbad	Brazer
Recent	Wahweap	PERMIAN	Pilot shale
Alluvium	Masuk	Kaibab	Madison
Lake beds	Colorado	Coconino	Leadville
Pleistocene	Mancos	Cutler	Redwall
Lake beds	Upper	Hoskinnini	DEVONIAN
TERTIARY	Middle	DeChelly	Upper
Pliocene	Lower	White Rim	Middle
Humboldt	Emery	Organ Rock	Lower
Salt Lake	Blue Gate	Cedar Mesa	Ouray
Miocene	Ferron	Halgaite tongue	Elbert
Bishop conglomerate	Frontier	Phosphoris	Guilmette
Oligocene	Dakota	Park City	Simonson dolomite
Norwood	Burro Canyon	Rico (Goodridge)	Sevy dolomite
Eocene	Cedar Mountain	Supai	North Point
Duchesne River	Buckhorn	Bird Springs	SILURIAN
Uinta	JURASSIC	CARBONIFEROUS	Laketown dolomite
Bridger	Morrison	Pennsylvanian	ORDOVICIAN
Green River	Salt Wash	Oquirrh	Eureka quartzite
Upper	San Rafael Gr.	Weber	Pogonip limestone
Middle	Summerville	Morgan	CAMBRIAN
Lower	Bluff sandstone	Hermosa	Lynch
Wasatch	Curtis	Lower <i>Jamay</i> 4490' ^{FL}	Bowman
Colton	Entrade	Lower <i>Jamay</i> 5562' ^{FL}	Tapeats
Flagstaff	Moab tongue	Molas	Ophir
Almy	Carmel	Paradox	Tintic
Paleocene	Glen Canyon Gr.	<i>Goodrich Shale</i> 5690' ^{FL}	PRE-CAMBRIAN
Current Creek	Navajo	<i>Desert Creek</i> 5200' ^{FL}	
North Horn	Kayento	<i>Chimney Rock Shale</i> 5824' ^{FL}	
CRETACEOUS	Wingate	Manning Canyon	
Montana	TRIASSIC	Mississippian	
Mesaverde	Chinle	Chainman shale	
Price River	Shinarump	Humbug	
Blackhawk	Moenkapi	Joana limestone	

(SUBMIT IN TRIPLICATE)

Indian Agency Window Rock

	X	
	32	

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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)

November 14, 1961

McElmo Creek Unit
Well No. 0-10 is located 2086 ft. from [N] line and 1944 ft. from [W] line of sec. 32

SE NW Sec. 32 (1/4 Sec. and Sec. No.) 40S (Twp.) 25E (Range) SLB4M (Meridian)
McElmo Creek Unit (Field) San Juan (County or Subdivision) Utah (State or Territory)

The elevation ~~of the water table~~ above sea level is 4885 ft. Ungraded 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 5900'.

Will set approximately 500' of 8-5/8" surface casing with cement circulated to surface.

Will set 5 1/2" casing through any formations capable of producing commercially.

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

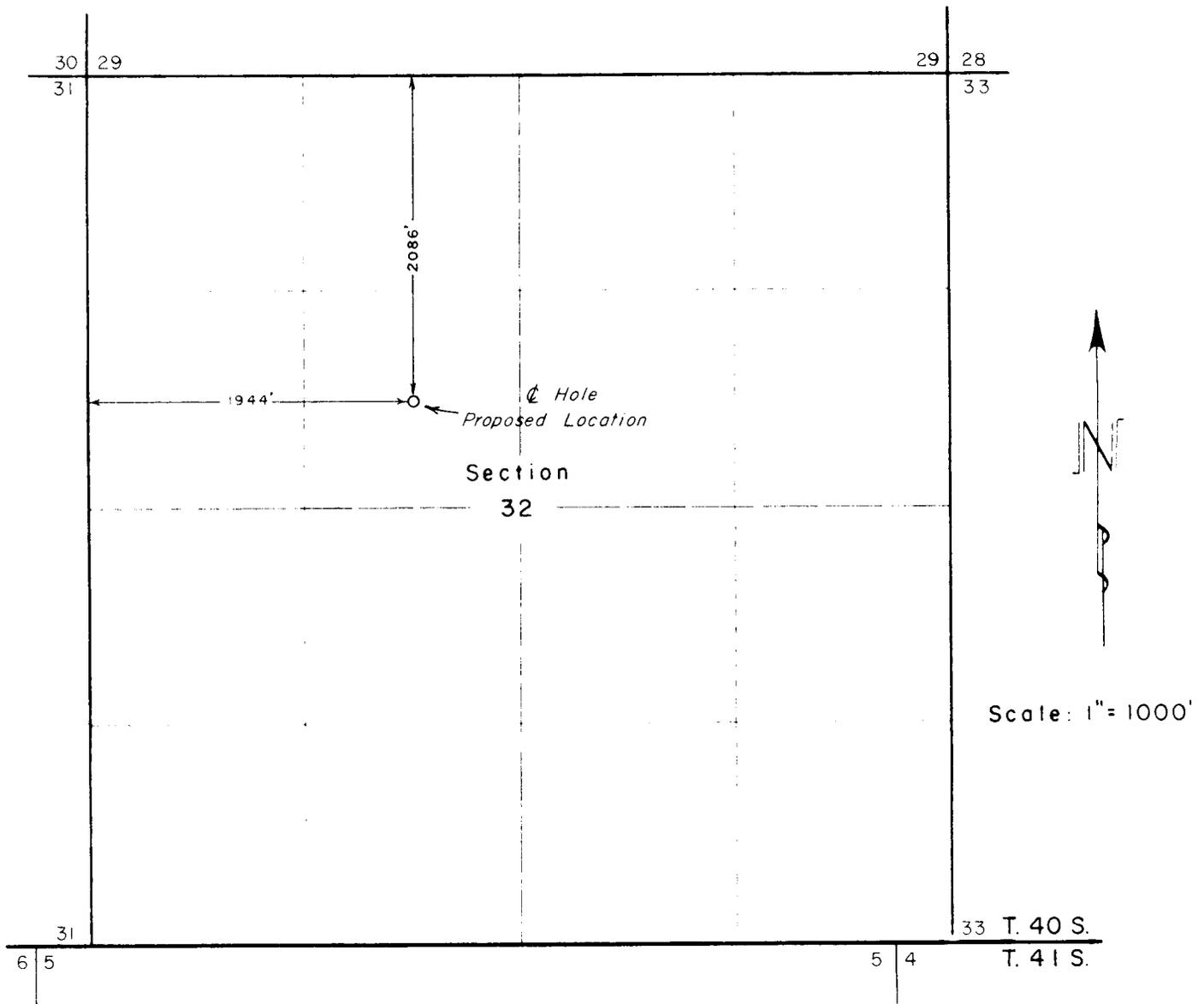
Company The Superior Oil Company

Address P. O. Drawer 'G'

Cortez, Colorado

Original Signed By
By W. M. RAMSBURG
W. M. Ramsburg
Title Engineer

CERTIFICATE OF SURVEY



WELL LOCATION: The Superior Oil Co. — McElmo Creek Unit No. 0-10

Located 1944 feet East of the West line and 2086 feet South of the North line of Section 32,
 Township 40 South, Range 25 East, Salt Lake Base & Meridian

Existing ground elevation determined at 4885 feet based on U.S.G.S. datum

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

E. M. Clark
 E. M. CLARK
 Registered Land Surveyor
 Utah No. 2307



Revised April 12, 1960
E. M. CLARK & ASSOCIATES
 Durango, Colorado
 March 2, 1960

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field McElmo Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of December, 19 61,

Agent's address P.O. Drawer "C" Company The Superior Oil Company
Cortez, Colorado Signed D. D. KINGSLEY Original Signed By

Phone Logan 5-3733 Agent's title Production Engineer

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NAVAJO "C" LEASE										
SE NW 32	40S	25E	0-10							Drilling 5905' T.D.

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

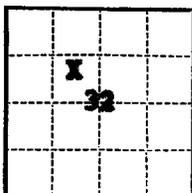
NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Copy to HC

RJD

(SUBMIT IN TRIPLICATE)

Indian Agency Window Rock



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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)

January 26, 1962

McElmo Creek Unit
Well No. 0-10 is located 2086 ft. from N line and 1944 ft. from W line of sec. 32

SE NW Section 32 40S 25E SLR&M
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

McElmo Creek Unit San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of ~~the top of the casing~~ above sea level is 4898 ft. L & S

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)

TOTAL DEPTH: 5905' in the Upper Paradox

SPUDDED: December 4, 1961

COMPLETED: January 13, 1962

CASING: 8-5/8' set @ 520' with 150 sacks cement
5-1/2' set @ 5905' with 250 sacks cement

TESTS: None

LOG TOPS: Hermosa - 4490' Lower Ismay - 5652' Desert Creek - 5700'
Ismay - 5562' Gothic Shale 5690' Chimney Rock Shale - 5874'

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

Original Signed By
W. M. RAMSBURG

By W. M. Ramsburg

Title Drilling Engineer

WMR/njh

PERFORATING DETAIL: 4 jet shots per foot as follows:

5703'-26'
5737'-42'
5748'-52'
5758'-72'
5778'-80'

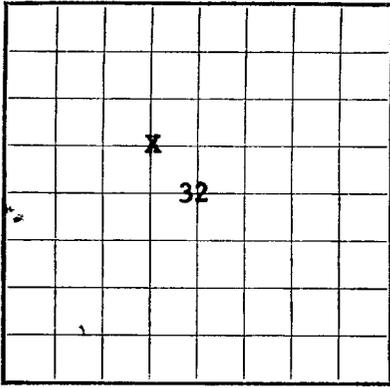
ACIDIZING DETAIL: Acidized with 500 gallons Breakdown Acid followed by 3600 gallons retarded acid, 200 gal. temporary plug, and 3600 gal. retarded acid. Max. pressure - 3500#/1800# - Min. Pressure - 2400#/1300#.

TUBING RECORD: 2-7/8" 6.5# J-55 Set @ 5790'

INITIAL PRODUCTION: Flowed 303 bbl. fluid in 24 hrs.
Gravity - 40.0°, Cut 5%, Press. - 120#/660#, Chk. 24/64

2001 02 MWF

U. S. LAND OFFICE Salt Lake
SERIAL NUMBER 14-20-603-372
LEASE OR PERMIT TO PROSPECT Navajo



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company The Superior Oil Company Address P. O. Drawer 'G', Cortez, Colorado
Lessor or Tract Navajo 'C' Field McElmo Creek State Colorado
Well No. 0-10 Sec. 32 T. 40S R. 25E Meridian SLB&M County San Juan
Location 2086 ft. XX of N Line and 1944 ft. E of W Line of Section 32 Elevation 4898 DF
(Derrick floor relative to sea level)

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

Original Signed By
Signed W. M. Ramsburg
W. M. Ramsburg Drilling Engineer

Date January 26, 1962

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

Commenced drilling December 4, 1961 Finished drilling January 3, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5700' to 5874' No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None Recorded to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8"</u>	<u>520'</u>	<u>150</u>	<u>Pump & Plug</u>		
<u>5-1/2"</u>	<u>5905'</u>	<u>250</u>	<u>Pump & Plug</u>		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

FOLD MARK

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	520'	150	Pump & Plug		
5-1/2"	5905'	250	Pump & Plug		

FOLD MARK

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 0' feet to 5905' feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing January 13, 1962
 The production for the first 24 hours was 303 barrels of fluid of which ²⁸⁸95% was oil; _____%
 emulsion; ¹⁵5% water; and _____% sediment. Gravity, °Bé. 40.0°
 If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Contr.: Rutledge Drig. Company, Driller _____, Driller
 _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			<p><u>ELECTRIC LOG TOPS:</u></p> <p>Hermosa 4490' Ismay 5562' Lower Ismay 5652' Gothic Shale 5690' Desert Creek 5700' Chimney Rock Shale - 5874'</p>

WMR/HJH

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

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 81321

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

2086' FNL & 1944' FWL Sec 32, T40S/R25E

7. UNIT AGREEMENT NAME

McElmo Creek Unit

8. FARM OR LEASE NAME

McElmo Creek Unit

9. WELL NO.

MCU Well #0-10

10. FIELD AND POOL, OR WILDCAT

McElmo Creek Field

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

SE NW 5, 40 S/25E

14. PERMIT NO.

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

4898 K.B.

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)

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.)*

Notice of intent to complete MCU Well #0-10 in the Ismay Zone. It is currently producing from the Desert Creek Zone 1 only.

The Ismay interval 5653-59 will be perf'd with 2 jets per foot 2nd treated with 1000 gal 28% acid.

The Ismay and Desert Creek will then be produced commingled.

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

SIGNED

D. D. KINGMAN

TITLE

DISTRICT ENGINEER

DATE

2/23/70

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

OGC/gb

*See Instructions on Reverse Side

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

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

SUBMIT IN THE DATE*
(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

McElmo Creek Unit

9. WELL NO.

MCU #0-10

10. FIELD AND POOL, OR WILDCAT

McElmo Creek Field

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

SE NW Sec. 32, T40S, R25E

12. COUNTY OR PARISH 13. STATE

San Juan 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

2086' FNL & 1944' FWL, Section 32, T40S, R25E S.L.M.

14. PERMIT NO.

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

4898' KB

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)

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.)*

Subsequent report of attempt to complete this well in the Lower Ismay. The Ismay failed to produce and so the well was returned to status of Desert Creek, Zone 1 producer.

3/16/70 Ismay interval 5653-59' was perf'd with 2 jets per ft. and treated with 1000 gal 28% acid. Swabbed 110 bbl water in 4 hrs. Found hole in casing at 876'. Squeezed with 250 sacks cement. Drilled out.

3/24/70 Squeezed Ismay perms 5653-59' with 100 sacks cement.

3/31/70 Drilled out and circulated hole clean.

4/3/70 Reran 2-7/8" tubing, pump and rods.

Well returned to Desert Creek production.

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

SIGNED D. D. Kingman TITLE District Engineer DATE May 1, 1970

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

OGC/njh

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

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

14-20-603-372
8. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

McElmo Creek

8. FARM OR LEASE NAME

9. WELL NO.

#0-10

10. FIELD AND POOL, OR WILDCAT

Greater Aneth

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

SE NW Sec. 32, T40S, R25E

12. COUNTY OR PARISH 13. STATE

San Juan 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

5086' FNL & 1944' FWL, Sec. 32, T40S, R25E SLM

14. PERMIT NO.

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

4898' KB

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)

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.)*

8/31/71 Treated all Desert Creek perms 5703-80' with 9,000 gal 28% retarded acid in two stages, preceeding each stage with an oil pad and 800 gal Unibead-Mothball plug. Flushed with 4,500 gal crude oil. Max. pressure 3200 psi. FP 1600 psi. On vacuum immediately.

Production prior to workover (8/15/71) 81 B0 4 BWPD, 5% cut.

Production subsequent to workover (9/17/71) 144 B0 6 BWPD, 4% cut.

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

SIGNED

D. D. Kingman
D. D. Kingman

TITLE District Engineer

DATE 10/6/71

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

OGC/njh

cc: State, USGS, Broussard, Franques, Huribut, WIO, File
*See Instructions on Reverse Side

orig file
cc R. Firth

Mobil Oil Corporation

P.O. BOX 5444
DENVER, COLORADO 80217

January 14, 1985

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

RECEIVED

FEB 0 1985

DIVISION OF OIL
GAS & MINING

Attention: Ms. Dianne Nielson, Director

RE: NOTICES TO SUPERIOR OIL COMPANY

Dear Ms. Nielson:

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

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

PERMITS ONLY

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

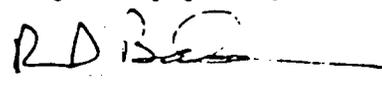
(303) 298-2577

RON

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

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

Very truly yours,



R. D. Baker
Environmental & Regulatory Manager - West

Enclosure

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

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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

6. LEASE DESIGNATION AND SERIAL NO.
STATE ML 10375

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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**
MOBIL OIL CORP AS AGENT OF SUPERIOR OIL

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

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

2086' FNL, 1944' FWL

14. **PERMIT NO.**

15. **ELEVATIONS** (Show whether DF, RT, OR, etc.)
DF: 4901'

7. **UNIT AGREEMENT NAME**
MCELMO CREEK

8. **FARM OR LEASE NAME**
-

9. **WELL NO.**
0-10

10. **FIELD AND POOL, OR WILDCAT**
GREATER ANETH

11. **SEC., T., R., M., OR BLK. AND SURVEY OR AREA**
Sec 32, T40S, R25E, SLM

12. **COUNTY OR PARISH**
SAN JUAN

13. **STATE**
UTAH

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

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

- MIRU workover rig. POOH w/ rods and pump. ND wellhead. NU and test BOP's. POOH w/ tubing.
- Run bit and 5-1/2" casing scraper to PBTD @ 5866'. POOH.
- RIH w/ packer and set @ 5670't. Acidize Desert Creek Zone I w/ 2500 gals 28% HCl + additives.
- Swab back load. POOH, laying down 2-7/8" tubing.
- RIH w/ 2-3/8" x 5-1/2" CO2 injection packer and 2-3/8" PC tubing. Set pkr @ 5675't and place well on injection.

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

SIGNED *[Signature]* TITLE Sr Staff Op Engr DATE 1-30-86
D. C. Collins

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:
pressure test casing prior to injection

*See Instructions on Reverse Side

ATTACHMENT_1

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

- (a) See attached Form DOGM-UIC-1.
- (b) (1) See attached land plat.
(2) See attached Form DOGM-UIC-2.
(3) See attached wellbore sketch.
(4) i. The intervening thickness between the proposed injection interval and the deepest fresh water sand is over 4000'. Eight and five-eighths surface casing was run to 520' and cemented around the shoe with the cement circulated to the surface. Five and one-half inch production casing was run to TD and cemented around the shoe with a calculated top of 4750'. Annular pressures will be monitored to insure no behind pipe communication occurs.
- ii. Maximum Surface Pressure: 3100 psi
Maximum Injection Rate: 500 BWPD.

<u>FORMATION</u>	<u>DEPTH</u>	<u>LITHOLOGY</u>
Chinle	1641	Shale
DeChelly	2782	Sandstone
Organ Rock	2939	Shale
Hermosa	4736	Limestone
Ismay	5562	Limestone
Gothic	5690	Shale
Desert Creek	5700	Limestone
Chimney Rock	5874	Shale

- (5) i. A throttling valve or choke will be installed at the well to control injection rates.
- ii. The source of injection water will be Superior's production wells within the McElmo Creek Unit. These wells produce from the Ismay and Desert Creek formations with approximate depths of 5500' and 5600' respectively. Additional water will be obtained from shallow fresh water wells along the San Juan River. This well is also scheduled to begin carbon dioxide injection July 1, 1986. The CO2 will be purchased from Shell Oil Company's Howenweep facility in the McElmo Dome field in Montezuma and Dolores, Counties, Colorado.

McElmo Creek Unit 0-10

iii. The analysis of injection water is as follows (ppm):

pH:	6.0	Ca:	5,520	SO4:	990
Cl:	45,000	Mg:	1,340	H2S:	52
Fe:	0	HCO3:	236	Ba:	0
CaCO3:	19,300	CO3:	0		
Specific Gravity:	1.048				

A current analysis of the injection CO2 is as follows (% Mol Wgt):

CO2:	98.361	CH:	0.132	N2:	1.507
------	--------	-----	-------	-----	-------

iv. The proposed injection zone is the Desert Creek formation. The zone is carbonate consisting of limestone, anhydrite and dolomite. This formation extends throughout the Paradox Basin and is underlain by the Chimney Rock Shale and overlain by the Gothic Shale.

v. All fresh water zones are behind casing.

vi. The analysis of the Desert Creek Formation water is as follows (ppm):

pH:	6.4	Ca:	6,800	SO4:	250
Cl:	42,000	Mg:	1,240	H2S:	49
Fe:	0	HCO3:	266	Ba:	0
CaCO3:	17,000	CO3:	0		
Specific Gravity:	1.046				

- (6) If the proposed injection well must be shut-in, the producing wells can also be shut-in.
- (7) N/A.
- (8) The Division will be notified of the date and time to monitor the mechanical integrity test.
- (9) There are no defective wells in the area.
- (10) N/A.

STATE OF UTAH
 DIVISION OF OIL, GAS, AND MINING
 ROOM 4241 STATE OFFICE BUILDING
 SALT LAKE CITY, UTAH 84114
 (801) 533-5771
 (RULE I-5 & RULE I-4)

FORM NO. DOGM-UIC-1
 (Revised 1982)

IN THE MATTER OF THE APPLICATION OF
Mobil Oil Corp as Agent for Superior Oil CAUSE NO. _____
 ADDRESS P.O. Drawer G
Cortez Co ZIP 81321
 INDIVIDUAL _____ PARTNERSHIP _____ CORPORATION
 FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
 INJECT FLUID INTO THE 0-10 WELL
 SEC. 32 TWP. 40S RANGE 2SE
San Juan COUNTY, UTAH

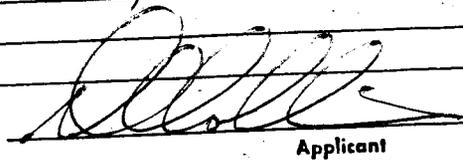
ENHANCED RECOVERY INJ. WELL	<input checked="" type="checkbox"/>
DISPOSAL WELL	<input type="checkbox"/>
LP GAS STORAGE	<input type="checkbox"/>
EXISTING WELL (RULE I-4)	<input type="checkbox"/>

APPLICATION

Comes now the applicant and shows the Corporation Commission the following:
 1. That Rule I-5 (g) (iv) authorizes administrative approval of enhanced recovery injections, disposal or LP Gas storage operations.
 2. That the applicant submits the following information.

Lease Name <u>McElmo Creek Unit</u>	Well No. <u>MCU 0-10</u>	Field <u>Greater Aneth</u>	County <u>San Juan</u>
Location of Enhanced Recovery <u>3086' FWL, 1944' FWL</u>		Sec. <u>32</u>	Twp. <u>40S</u> Rge. <u>2SE</u>
Injection or Disposal Well			
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date _____	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>1737'</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		State What <u>Oil - Gas</u>
Location of Injection Source(s) <u>Production wells within McElmo Creek Unit</u>	Geologic Name(s) and Depth of Source(s) <u>Ism24 5500' Desert Creek 5600'</u>		
Geologic Name of Injection Zone <u>Desert Creek</u>		Depth of Injection Interval <u>5703</u> to <u>5780</u>	
a. Top of the Perforated Interval: <u>5703</u>	b. Base of Fresh Water: <u>1641</u>	c. Intervening Thickness (a minus b) <u>4062'</u>	
Is the Intervening thickness sufficient to show fresh water will be protected without additional data? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>			
Lithology of Intervening Zones <u>See item 4 (ii) on Attachment I</u>			
Injection Rates and Pressures Maximum <u>500</u> B/D <u>3100</u> PSI			
The Names and Addresses of Those to Whom Notice of Application Should be Sent.			
<u>Texaco, Inc., P.O. Box EE, Cortez Co 81321</u>			
<u>The Navajo Tribe, Window Rock, Az 85616</u>			

State of Colorado
 County of Montezuma


 Applicant

Before me, the undersigned authority, on this day personally appeared _____
 known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on
 oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated
 therein, and that said report is true and correct.

Suscribed and sworn to before me this 3rd day of Feb, 1986

SEAL

My commission expires 9/9/86

Diane Wilson
 Notary Public in and for Colorado

(OVER)

1. Attach qualitative and quantitative analysis of representative sample of water to be injected and a qualitative and quantitative analysis of the injection formation of water.
2. Attach plat showing subject well and all known oil and gas wells, abandoned, drilling and dry holes within one-half mile, together and with the name of the operator(s).
3. Attach Drillers Log (Form DOGM-UIC-2). (Appropriate Surety must be on file with Conservation Division or appropriate government agencies.)
4. Attach Electric or Radioactivity Log of Subject well (if released).
5. Attach schematic drawing of subsurface facilities including; Size, setting depth, amount of cement used measured or calculated tops of cement surface, intermediate (if any) and production casings; size and setting depth of tubing; type and setting depth of packer; geologic name of injection zone showing top and bottom of injection interval.
6. If the application is for a NEW well the original and six (6) copies of the application and three (3) complete sets of attachments shall be mailed to the Division. For EXISTING well applications (Rule I-4) only ONE copy of the application and ONE complete set of attachments are required to be mailed to the Division.
7. The Division is required to send notice of application to the surface owner of the land within one-half mile of the injection well and to each operator of a producing leasehold within one-half mile of the injection well. List all required names and addresses in the appropriate space provided on the front of this form.
8. Notice that an application has been filed shall be published by the Division in a newspaper of general circulation in the county of publication before the application is approved. The notice shall include the name and address of applicant, location of proposed injection or disposal well, injection zone, injection pressure and volume. If no written objection is received within 15 days from date of publication the application may be approved administratively.
9. A well shall not be used for injection or disposal unless completed machine accounting Form DOGM-UIC-3b is filed by January 31st each year.
10. Approval of this application, if granted, is valid only as long as there is no substantial change in the operations set forth in the application. A substantial operation change requires the approval of a new application.
11. If there is less intervening thickness required by Rule I-5 (b) 4, attach sworn evidence and data.
12. For enhanced recovery projects, information required by Rule I-4 which is common to more than one well, need be reported only once on the application.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface	8 5/8"	520'	150	Surface	Cement Returns.
Intermediate					
Production	5 1/2"	5905	250	4750'	Calculated
Tubing	2.318"	5675	Name - Type - Depth of Tubing Packer 5675' Retrievable		
Total Depth 5905	Geologic Name - Inj. Zone Desert Creek		Depth - Top of Inj. Interval 5703		Depth - Base of Inj. Interval 5780

PLEASE TYPE OR USE BLACK INK ONLY

(To be filed within 30 days after drilling is completed)

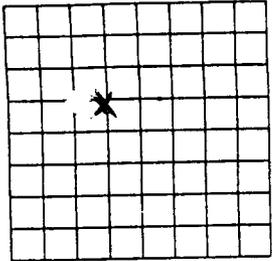
DEPARTMENT OF NATURAL RESOURCES AND ENERGY

DIVISION OF OIL, GAS, AND MINING
Room 4241 State Office Building
Salt Lake City, Utah 84114

COUNTY LEASE NO.

API NO. _____

640 Acres
N



Locate Well Correctly
and Outline Lease

COUNTY Salt Lake SEC. 32 TWP. 40S RGE. 25E
COMPANY OPERATING Mobil Oil Corp
OFFICE ADDRESS P.O. Drawer G
TOWN Cortez STATE ZIP Co 81321
FARM NAME McGraw Creek WELL NO. 0-10
DRILLING STARTED 12-4-61 DRILLING FINISHED 1-4-62
DATE OF FIRST PRODUCTION 1-10-62 COMPLETED 1-13-62
WELL LOCATED SW 1/4 SE 1/4 NW 1/4
554 FT. FROM SW OF 1/4 SEC. & 1944 FT. FROM WL OF 1/4 SEC.
ELEVATION DERRICK FLOOR 4901 GROUND 4885

TYPE COMPLETION

Single Zone
Multiple Zone _____
Comingled _____

LOCATION EXCEPTION

OIL OR GAS ZONES

Name	From	To	Name	From	To
<u>Ismay</u>	<u>5562</u>	<u>5690</u>			
<u>Desert Creek</u>	<u>5700</u>	<u>5874</u>			

CASING & CEMENT

Casing Set				Csg. Test	Cement		
Size	Wgt.	Grade	Feet	Psi	Sax	Fillup	Top
<u>8 5/8</u>	<u>24</u>	<u>J.55</u>	<u>520</u>	<u>No</u>	<u>150</u>	<u>132</u>	<u>Surface</u>
<u>5 1/2</u>	<u>14 1/2</u>	<u>J.55</u>	<u>5905</u>	<u>No</u>	<u>250</u>	<u>1023</u>	<u>4750'</u>

TOTAL DEPTH 5905'

PACKERS SET
DEPTH None

NOTE: THIS FORM MUST ALSO BE ATTACHED WHEN FILING PLUGGING FORM DOGM-UIC-6

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	1	2	3
<u>Desert Creek</u>			
SPACING & SPACING ORDER NO.			
CLASSIFICATION (DISPOSAL WELL, ENHANCED RECOVERY, LP GAS STORAGE)	<u>Enhanced Recovery</u>		
PERFORATED	<u>5703/5780</u>		
INTERVALS			
ACIDIZED?	<u>7700 gal HCl</u>		
FRACTURE TREATED?	<u>No</u>		

INITIAL TEST DATA

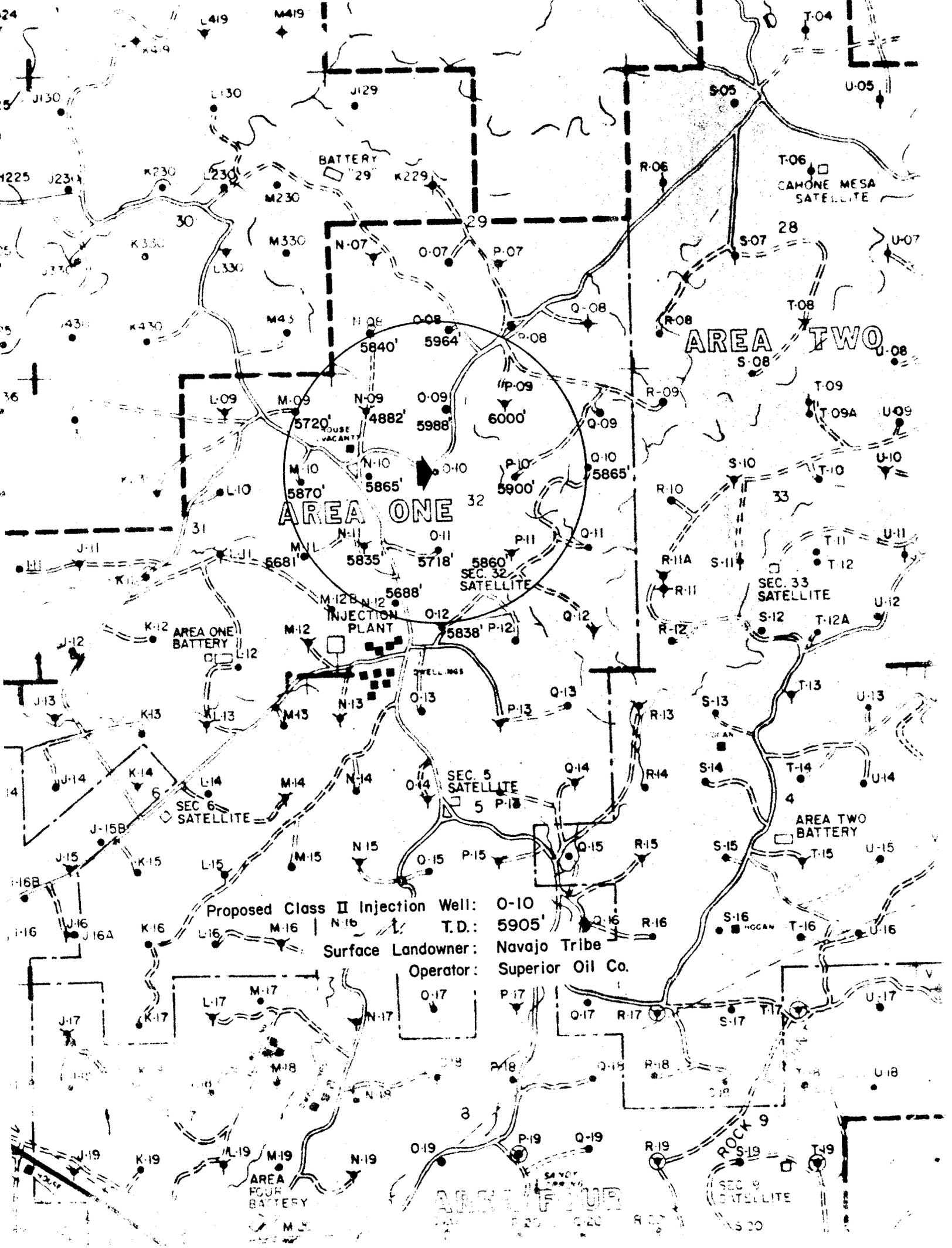
Date	<u>1-13-62</u>		
Oil, bbl./day	<u>288</u>		
Oil Gravity	<u>40.0</u>		
Gas, Cu. Ft./day	<u>-</u>	<u>CF</u>	<u>CF</u>
Gas-Oil Ratio Cu. Ft./Bbl.	<u>-</u>		
Water-Bbl./day	<u>15</u>		
Pumping or Flowing	<u>Flowing</u>		
CHOKE SIZE	<u>32 to 28</u>		
FLOW TUBING PRESSURE	<u>60 to 330</u>		

A record of the formations drilled through, and pertinent remarks are presented on the reverse.
(use reverse side)

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

Telephone (303) 565-2209 [Signature] Sr Staff Op Engr.
Name and title of representative of company

Subscribed and sworn before me this _____ day of _____, 19 _____



Proposed Class II Injection Well: O-10
 T.D.: 5905'
 Surface Landowner: Navajo Tribe
 Operator: Superior Oil Co.

AREA TWO

AREA ONE

AREA FOUR

SEC 9 SATELLITE

SEC. 33 SATELLITE

SEC. 5 SATELLITE

SEC. 32 SATELLITE

AREA ONE BATTERY

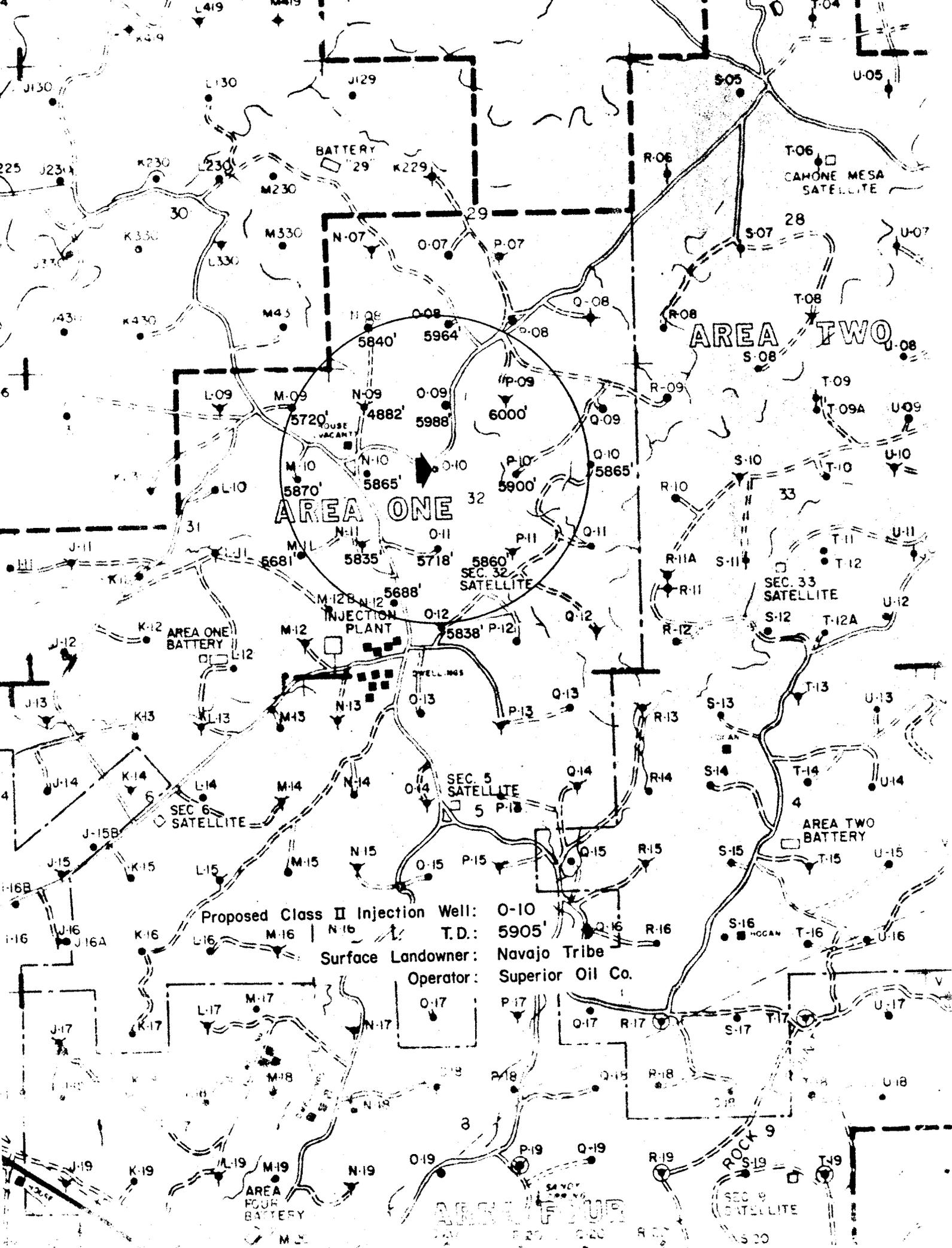
AREA TWO BATTERY

AREA FOUR BATTERY

BATTERY 29

INJECTION PLANT

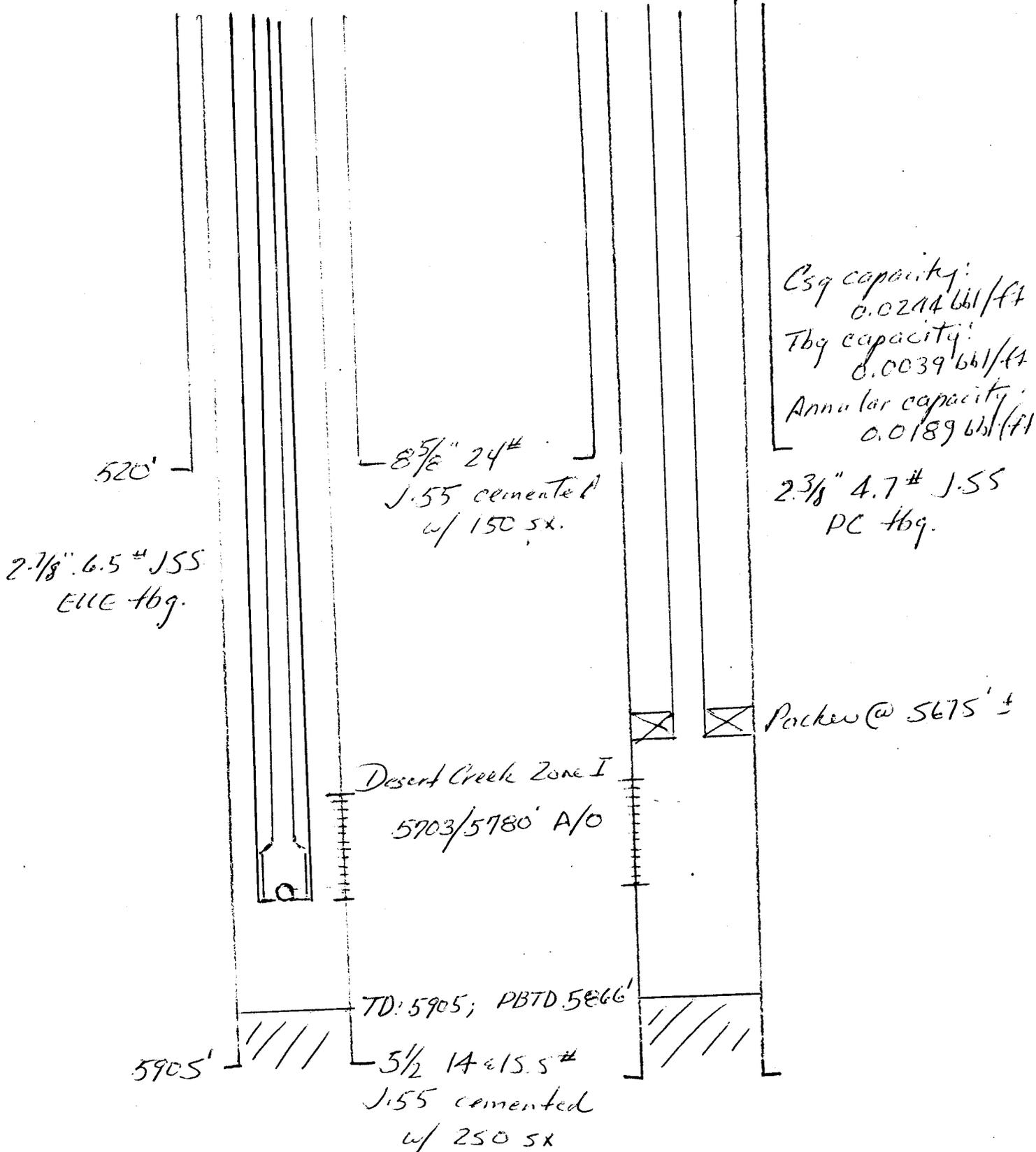
CAMONE MESA SATELLITE



McElmo Creek Unit 0.10
 GREATER ANETH FIELD
 SAN JUAN COUNTY, UTAH

CURRENT

PROPOSED



Csg capacity:
0.0244 bbl/ft
 Tbg capacity:
0.0039 bbl/ft
 Annular capacity:
0.0189 bbl/ft



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

February 13, 1986

Newspaper Agency
Legal Advertisizing
Mezzanine Floor
143 South Main
Salt Lake City, Utah 84111

Gentlemen:

RE: UIC-076

Attached hereto is a Notice of Application of Administrative Approval, before the Division of Oil, Gas and Mining, Department of Natural Resources, State of Utah.

It is requested that this notice be published ONCE ONLY, as soon as possible but no later than the 20th day of February. In the event that said notice cannot be published by this date, please notify this office immediately by calling 538-5340 Ex. 5296.

Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Very truly yours,
DIVISION OF OIL, GAS AND MINING

MARJORIE L. ANDERSON
Administrative Assistant

mfp
0045A



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

February 13, 1986

San Juan Record
Legal Advertizing
Monticello, Utah 84535

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Very truly yours,
DIVISION OF OIL, GAS AND MINING

Marjorie L. Anderson

MARJORIE L. ANDERSON
Administrative Assistant

mfp
0045A

Publication was sent to the following:

Phillips Oil Company
PO Box 2920
Casper, Wyoming 82602

Texaco Incorporated
PO Box EE
Cortez, Colorado 81321

Navajo Indian Tribe
Window Rock, Arizona 84615

Utah State Department of Health
Water Pollution Control
Attn: Loren Morton
4241 State Office Building
Salt Lake City, Utah 84114

U.S. Environmental Protection Agency
Suite 1300
Attn: MIke Strieby
999 18th Street
Denver, Colorado 80202-2413

Bureau of Land Management
Consolidated Fianacial Center
324 South State Street
Salt Lake City, Utah 84111-2303

Superior Oil Company through its agent
Mobil Oil Corporation
PO Drawer G
Cortez, Colorado 81321

Newspaper Agency
Legal Advertizing
Mezzanine Floor
143 South Main
Salt Lake City, Utah 84111

San Juan Record
Legal Advertizing
Monticello, Utah 84535

AFFIDAVIT OF PUBLICATION

Public notice

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

IN THE MATTER OF THE APPLI-
CATION OF MOBILE OIL CORPORA-
TION AS AGENT FOR SUPERIOR OIL
COMPANY FOR ADMINISTRATIVE
APPROVAL TO INJECT FLUID INTO
CONVERTED ENHANCED RECOV-
ERY INJECTION WELLS LOCATED
IN SECTIONS 31, 32, & 33, TOWNSHIP
40 SOUTH, RANGE 25 EAST; SEC-
TION 4, TOWNSHIP 41 SOUTH,
RANGE 25 EAST; AND SECTIONS 1
AND 11, TOWNSHIP 41 SOUTH,
RANGE 24 EAST, SAN JUAN
COUNTY, UTAH

CAUSE NO. UIC-076

THE STATE OF UTAH TO ALL
INTERESTED PARTIES IN THE
ABOVE ENTITLED MATTER:

Notice is hereby given that Superior
Oil Company through its Agent, Mobile
Oil Corporation, P.O. Drawer G, Cortez,
Colorado, 81321, has requested adminis-
trative approval from the Division to
convert the following listed wells to
enhanced recovery injection wells:

McELMO CREEK UNIT

C-18, Sec. 11, T41S, R24E
Q-10, Sec. 32, T40S, R25E
R-09, Sec. 33, T40S, R25E
M-10, Sec. 31, T40S, R25E
O-10, Sec. 32, T40S, R25E
I-14, Sec. 1, T41S, R24E
U-16, Sec. 4, T41S, R25E
S-16, Sec. 4, T41S, R25E

INJECTION INTERVAL: Desert
Creek Formation, 5269' to 5825'

MAXIMUM ESTIMATED SURFACE
PRESSURE: 3100 psig.

MAXIMUM ESTIMATED WATER
INJECTION RATE: 500-2000 BWPD/
WELL.

Approval of this Application will be
granted unless objections are filed with
the Division of Oil, Gas and Mining
within fifteen days after publication of
this Notice. Objections, if any, should be
mailed to the Division of Oil, Gas and
Mining, Attention: UIC Program
Manager, 355 West North Temple, 3
Triad Center, Suite 350, Salt Lake City,
Utah 84180-1203.

DATED this 10th day of February,
1986.

STATE OF UTAH
DIVISION OF OIL,
GAS AND MINING
MARJORIE L. ANDERSON,
Administrative Assistant

Published in The San Juan Record
February 19, 1986.

I, Joyce Martin, being duly sworn,
depose and say that I am the publisher of the San
Juan Record, a weekly newspaper of general circulation
published at Monticello, Utah, every Wednesday; that
notice of application to convert wells to enhanced
recovery injection wells, Cause No. UIC-076
a copy of which is hereunto attached, was published in
the regular and entire issue of each number of said
newspaper for a period of one issues, the first
publication having been made on February 19, 1986.
and the last publication having been made on _____

Signature Joyce A. Martin
Publisher

Subscribed and sworn to before me this 19th
day of February, A.D. 1986.

Frederic K. Adams
Notary Public
Residing at Monticello, Utah

My commission expires December 2, 1987

Affidavit of Publication

RECEIVED
MAR 05 1986

STATE OF UTAH,

ss.

County of Salt Lake

DIVISION OF
OIL, GAS & MINING

..... Cheryl Gierloff

CAUSE NO. UIC-076
BEFORE THE DIVISION OF
OIL, GAS AND MINING
DEPARTMENT OF
NATURAL RESOURCES,
STATE OF UTAH
IN THE MATTER OF THE AP-
PLICATION OF MOBIL OIL
CORPORATION AS AGENT
FOR SUPERIOR OIL COMPA-
NY FOR ADMINISTRATIVE
APPROVAL TO INJECT FLUID
INTO CONVERTED EN-
HANCED RECOVERY INJE-
CTION WELLS LOCATED IN
SECTIONS 31, 32 & 33, TOWNSHIP
40 SOUTH, RANGE 25
EAST; SECTION 4, TOWNSHIP
41 SOUTH, RANGE 25 EAST;
AND SECTIONS 1 AND 11,
TOWNSHIP 41 SOUTH, RANGE
24 EAST, SAN JUAN COUNTY,
UTAH.

THE STATE OF UTAH TO
ALL INTERESTED PARTIES IN
THE ABOVE ENTITLED MAT-
TER.

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Superior Oil Company through
its Agent, Mobil Oil Corporation,
P.O. Drawer G, Cortez, Colora-
do, 81321, has requested ad-
ministrative approval from the
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ing listed wells to enhanced re-
covery injection wells:

- McELMO CREEK UNIT
- C-18, Sec. 11, T41S, R24E
- Q-10, Sec. 32, T40S, R25E
- R-09, Sec. 33, T40S, R25E
- M-10, Sec. 31, T40S, R25E
- O-10, Sec. 32, T40S, R25E
- I-14, Sec. 1, T41S, R24E
- U-16, Sec. 4, T41S, R25E
- S-14, Sec. 4, T41S, R25E

INJECTION INTERVAL: Desert
Creek Formation, 5269' to 5825'
MAXIMUM ESTIMATED SUR-
FACE PRESSURE: 3100 psig
MAXIMUM ESTIMATED WAT-
ER INJECTION RATE: 500-
2000 BWPD/WELL

Approval of this Application
will be granted unless objec-
tions are filed with the Division
of Oil, Gas and Mining within fif-
teen days after publication of
this Notice. Objections, if any,
should be mailed to the Division
of Oil, Gas and Mining, Atten-
tion: UIC Program Manager,
355 West North Temple, 3 Triad
Center, Suite 350, Salt Lake
City, Utah 84180-1203.

DATED this 10th day of Feb-
ruary, 1986.

STATE OF UTAH
DIVISION OF OIL,
GAS AND MINING
MARJORIE L. ANDERSON
Administrative Assistant

E-30

Being first duly sworn, deposes and says that he/she is
legal advertising clerk of THE SALT LAKE TRIBUNE,
a daily newspaper printed in the English language with
general circulation in Utah, and published in Salt Lake
City, Salt Lake County, in the State of Utah, and of the
DESERET NEWS, a daily newspaper printed in the
English language with general circulation in Utah, and
published in Salt Lake City, Salt Lake County, in the
State of Utah.

That the legal notice of which a copy is attached hereto

..... Cause No. UIC-076 Application of Mobil Oil

..... Corp.

.....

.....

.....

Wa *g* r on

.....

.....

Cheryl Gierloff
Legal Advertising Clerk

Subscribed and sworn to before me this 3rd day of

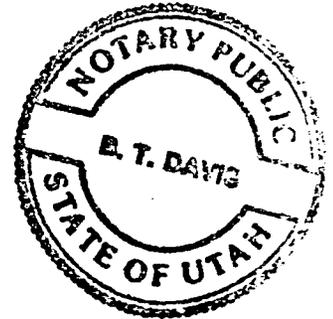
..... March A.D. 19 86

B. J. Davis

Notary Public

My Commission Expires

..... March 1, 1988



AFFIDAVIT OF PUBLICATION

Public notice

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

IN THE MATTER OF THE APPLICA-
TION OF MOBILE OIL CORPORA-
TION AS AGENT FOR SUPERIOR OIL
COMPANY FOR ADMINISTRATIVE
APPROVAL TO INJECT FLUID INTO
CONVERTED ENHANCED RECOV-
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40 SOUTH, RANGE 25 EAST; SEC-
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RANGE 25 EAST; AND SECTIONS 1
AND 11, TOWNSHIP 41 SOUTH,
RANGE 24 EAST, SAN JUAN
COUNTY, UTAH

CAUSE NO. UIC-076

THE STATE OF UTAH TO ALL
INTERESTED PARTIES IN THE
ABOVE ENTITLED MATTER.

Notice is hereby given that Superior
Oil Company through its Agent, Mobile
Oil Corporation, P.O. Drawer G, Cortez,
Colorado, 81321, has requested adminis-
trative approval from the Division to
convert the following listed wells to
enhanced recovery injection wells:

McELMO CREEK UNIT

- C-18, Sec. 11, T41S, R24E
- Q-10, Sec. 32, T40S, R25E
- R-09, Sec. 33, T40S, R25E
- M-10, Sec. 31, T40S, R25E
- O-10, Sec. 32, T40S, R25E
- I-14, Sec. 1, T41S, R24E
- U-16, Sec. 4, T41S, R25E
- S-16, Sec. 4, T41S, R25E

INJECTION INTERVAL: Desert
Creek Formation, 5269' to 5825'

**MAXIMUM ESTIMATED SURFACE
PRESSURE:** 3100 psig.

**MAXIMUM ESTIMATED WATER
INJECTION RATE:** 500-2000 BWPD/
WELL.

Approval of this Application will be
granted unless objections are filed with
the Division of Oil, Gas and Mining
within fifteen days after publication of
this Notice. Objections, if any, should be
mailed to the Division of Oil, Gas and
Mining, Attention: UIC Program
Manager, 355 West North Temple, 3
Triad Center, Suite 350, Salt Lake City,
Utah 84180-1203.

DATED this 10th day of February,
1986.

STATE OF UTAH
DIVISION OF OIL,
GAS AND MINING
MARJORIE L. ANDERSON,
Administrative Assistant

Published in The San Juan Record
February 19, 1986.

I, Joyce Martin, being duly sworn,

depose and say that I am the publisher of the San
Juan Record, a weekly newspaper of general circulation
published at Monticello, Utah, every Wednesday; that
notice of application to convert wells to enhanced
recovery injection wells, Cause No. UIC-076
a copy of which is hereunto attached, was published in
the regular and entire issue of each number of said
newspaper for a period of one issues, the first
publication having been made on February 19, 1986.
and the last publication having been made on _____

Signature Joyce A. Martin
Publisher

Subscribed and sworn to before me this 19th
day of February, A.D. 1986.

Frank K. Adams
Notary Public
Residing at Monticello, Utah

My commission expires December 2, 1987

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

IN THE MATTER OF THE APPLICATION :
OF MOBIL OIL CORPORATION AS AGENT :
FOR SUPERIOR OIL COMPANY FOR :
ADMINISTRATIVE APPROVAL TO INJECT :
FLUID INTO CONVERTED ENHANCED :
RECOVERY INJECTION WELLS LOCATED :
IN SECTIONS 31, 32, & 33, TOWNSHIP :
40 SOUTH, RANGE 25 EAST; SECTION :
4, TOWNSHIP 41 SOUTH, RANGE 25 :
EAST; AND SECTIONS 1 AND 11, :
TOWNSHIP 41 SOUTH, RANGE 24 EAST, :
SAN JUAN COUNTY, UTAH

CAUSE NO. UIC-076

THE STATE OF UTAH TO ALL INTERESTED PARTIES IN THE ABOVE ENTITLED
MATTER.

Notice is hereby given that Superior Oil Company through its
Agent, Mobil Oil Corporation, P.O. Drawer G, Cortez, Colorado, 81321,
has requested administrative approval from the Division to convert the
following listed wells to enhanced recovery injection wells:

McELMO CREEK UNIT

C-18, Sec. 11, T41S, R24E	I-14, Sec. 1, T41S, R24E
Q-10, Sec. 32, T40S, R25E	U-16, Sec. 4, T41S, R25E
R-09, Sec. 33, T40S, R25E	S-16, Sec. 4, T41S, R25E
M-10, Sec. 31, T40S, R25E	
O-10, Sec. 32, T40S, R25E	

INJECTION INTERVAL: Desert Creek Formation, 5269' to 5825'
MAXIMUM ESTIMATED SURFACE PRESSURE: 3100 psig
MAXIMUM ESTIMATED WATER INJECTION RATE: 500-2000 BHPD/WELL

Approval of this Application will be granted unless objections are
filed with the Division of Oil, Gas and Mining within fifteen days
after publication of this Notice. Objections, if any, should be
mailed to the Division of Oil, Gas and Mining, Attention: UIC Program
Manager, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake
City, Utah 84180-1203.

DATED this 10th day of February, 1986.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

Marjorie L. Anderson
MARJORIE L. ANDERSON
Administrative Assistant



STATE OF UTAH
 NATURAL RESOURCES
 Oil, Gas & Mining

Norman H. Bangerter, Governor
 Dee C. Hansen, Executive Director
 Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

March 7, 1986

Mobil Oil Corporation-agent for
 Superior Oil Company
 P.O. Drawer G
 Cortez, Colorado 81321

Gentlemen:

RE: Injection Well Approval - Cause No. UIC-076

Administrative approval is hereby granted to convert the following wells to Class II enhanced recovery water injection wells:

McELMO CREEK UNIT-SAN JUAN COUNTY, UTAH

<u>WELL NAME</u>	<u>LOCATION</u>	<u>WELL NAME</u>	<u>LOCATION</u>
M-10,	Sec. 31, T40S, R25E	I-14,	Sec. 1, T41S, R24E
Q-10,	Sec. 32, T40S, R25E	C-18,	Sec. 11, T41S, R24E
O-10,	Sec. 32, T40S, R25E	U-16,	Sec. 4, T41S, R25E
R-09,	Sec. 33, T40S, R25E	S-16,	Sec. 4, T41S, R25E

This approval is conditional upon full compliance with the UIC rules and regulations adopted by the Board of Oil, Gas and Mining, and construction and operation of the well as outlined in the application submitted.

If you have any questions concerning this matter, please do not hesitate to call or write.

Best regards,

Dianne R. Nielson
 Director

mfp
 7627U

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-01
Expires August 31, 1985

sent 4-29-86
b

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> INJECTION LINES		5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-372
2. NAME OF OPERATOR MOBIL OIL CORPORATION		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO
3. ADDRESS OF OPERATOR P. O. DRAWER 'G', CORTEZ, COLORADO 81321		7. UNIT AGREEMENT NAME MCELMO CREEK
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface Well: 2086' FNL, 1944' FEL, SE NW Pipelines: See attached legal description for line 402		8. FARM OR LEASE NAME MCELMO CREEK
14. PERMIT NO. 43-037-15967	15. ELEVATIONS (Show whether DF, BT, GR, etc.) GL: 4885'	9. WELL NO. 0-10 Inj. lines
		10. FIELD AND POOL, OR WILDCAT GREATER ANETH
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 32, T40S, R25E,
		12. COUNTY OR PARISH SAN JUAN
		13. STATE UTAH

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

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

(Other) Construct CO₂ and H₂O Inj lines
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

Mobil Oil Corporation proposes to construct two pipelines, 323' in length each, in the same ditch.

All the CO₂ and H₂O injection lines will be buried in the same 36 inch ditch with at least 36 inches of cover. Any restoration requirements will be per BIZ-BLO Shiprock stipulations.

Pipe specifications are as follows:

- CO₂: 2 - 3/8" O.D., 0.218" wall thickness, Type API 52, X-42, PE BFW Armco Smls pipe.
- H₂O: 3.5" O.D., 7.58# per foot, Grade A-106, butt welded, cement lined pipe.

Federal approval of this action is required before commencing operations.

RECEIVED
APR 21 1986

DIVISION OF OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct
SIGNED C. J. Benally TITLE Sr. Regulatory Coordinator DATE 4/17/86
(This space for Federal or State office use)

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

ACCEPTED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 4/28/86
BY: [Signature]

*See Instructions on Reverse Side

Mobil Oil as Agent for Superior Oil
December 10, 1985
Sheet 1 of 2

Legal Description, Line 402 (IV)

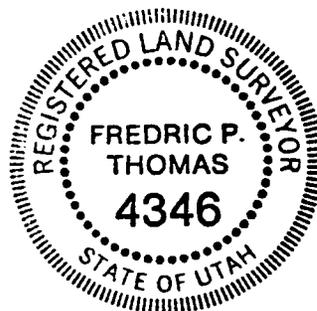
An easement for purposes of a pipeline in the NW $\frac{1}{4}$ of Section 32, T.40S., R.25E., S.L.M., San Juan County, Utah, the centerline being more particularly described as follows:

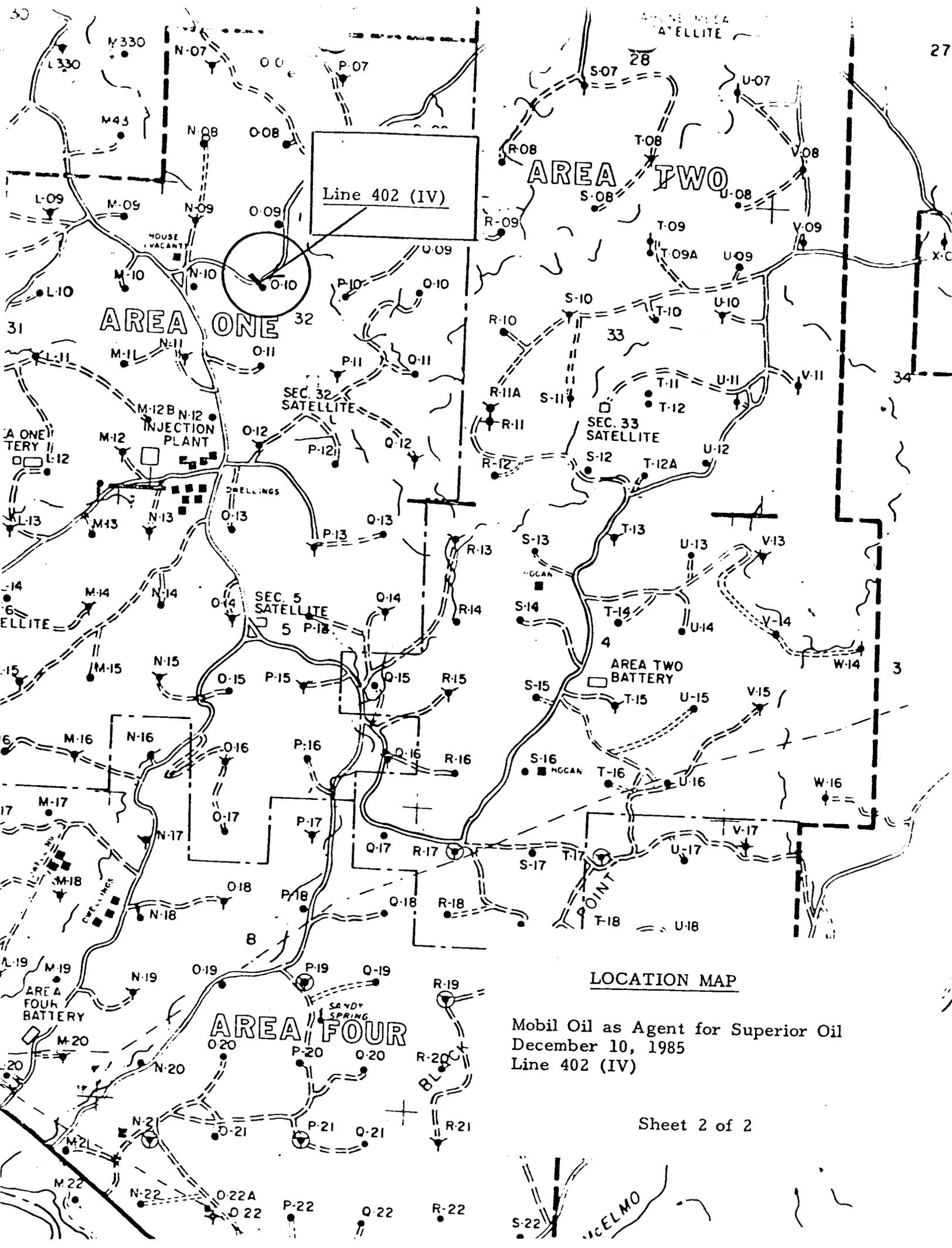
Beginning at Well O-10 in the NW $\frac{1}{4}$ of Section 32, T.40W., R.25E., S.L.M., San Juan County, Utah, from which point the NW Corner of said Section 32 bears N.44°10'52"W. a distance of 2768.56 ft.;

thence, N.74°07'58"W. a distance of 322.05 ft., from which point the NW Corner of said Section 32 bears N.40°29'09"W. a distance of 2494.70 ft.



Fredric P. Thomas, PE-LS
Utah Reg. No. 4346





Line 402 (IV)

AREA TWO

AREA ONE

INJECTION PLANT

SEC. 32 SATELLITE

SEC. 33 SATELLITE

SEC. 5 SATELLITE

AREA TWO BATTERY

AREA FOUR BATTERY

AREA FOUR

LOCATION MAP

Mobil Oil as Agent for Superior Oil
 December 10, 1985
 Line 402 (IV)

Sheet 2 of 2



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

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

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Very truly yours,



R. D. Baker
Environmental Regulatory Manager

CNE/rd
CNE8661

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

PROPERTY NAME	WELL NAME	COUNTY	STATE	SEC	TWNSHP	RNG	WELL TYPE	S T A P I N U M B E R	FEDERAL LEASE NUMBER	STATE NUMBER	UNIT NUMBER
MC ELMO CREEK	M-17	SAN JUAN	UT	NE	NE	07-41S-25E	PROD OP	43-037-30314	14-20-603-263		96-004190
	M-18	SAN JUAN	UT	SE	NE	07-41S-25E	INJ OP	43-037-15510	14-20-603-263		96-004190
	M-19	SAN JUAN	UT	NE	SE	07-41S-25E	PROD OP	43-037-30307	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
	M-21	SAN JUAN	UT	NE	NE	18-41S-25E	PROD OP	43-037-30303	14-20-603-263		96-004190
	M-22	SAN JUAN	UT	SE	NE	18-41S-25E	PROD OP	43-037-15512	14-20-603-263		96-004190
	M-23	SAN JUAN	UT	NE	SE	18-41S-25E	PROD OP	43-037-30305	14-20-603-263		96-004190
	M-24	SAN JUAN	UT	SE	SE	18-41S-25E	PROD OP	43-037-15513	14-20-603-263		96-004190
	N-07	SAN JUAN	UT	NE	SW	29-40S-25E	INJ OP	43-037-05019	I-149-IND-8839-A		96-004190
	N-08	SAN JUAN	UT	SW	SW	29-40S-25E	PROD OP	43-037-31012	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
	N-10	SAN JUAN	UT	SW	NW	32-40S-25E	PROD OP	43-037-30304	14-20-603-372		96-004190
	N-11	SAN JUAN	UT	NW	SE	32-40S-25E	INJ OP	43-037-15965	14-20-603-372		96-004190
	N-12	SAN JUAN	UT	SW	SW	32-40S-25E	PROD OP	43-037-30291	14-20-603-372		96-004190
	N-13	SAN JUAN	UT	NW	NW	05-41S-25E	INJ OP	43-037-15966	14-20-603-372		96-004190
	N-14	SAN JUAN	UT	SW	NW	5-41S-25E	PROD OP	43-037-30281	14-20-603-372		96-004190
	N-15	SAN JUAN	UT	SW	NW	05-41S-25E	INJ OP	43-037-05071	14-20-603-372		96-004190
	N-16	SAN JUAN	UT	SW	SW	05-41S-25E	PROD OP	43-037-30277	14-20-603-372		96-004190
	N-17	SAN JUAN	UT	NW	NW	08-41S-25E	INJ OP	43-037-05597	14-20-603-263		96-004190
	N-18	SAN JUAN	UT	SW	NW	08-41S-25E	PROD OP	43-037-30286	14-20-603-263		96-004190
	N-19	SAN JUAN	UT	NW	SW	08-41S-25E	INJ OP	43-037-05540	14-20-603-263		96-004190
	N-20	SAN JUAN	UT	SW	SW	08-41S-25E	PROD OP	43-037-30269	14-20-603-263		96-004190
	N-21	SAN JUAN	UT	NW	NW	17-41S-25E	INJ OP	43-037-05492	14-20-603-263		96-004190
	N-22	SAN JUAN	UT	SW	NW	17-41S-25E	PROD OP	43-037-30661	14-20-603-263		96-004190
	N-23	SAN JUAN	UT	NW	SW	17-41S-25E	INJ OP	43-037-16364	14-20-603-263		96-004190
	N-25	SAN JUAN	UT	NW	NW	20-41S-25E	PROD OP	43-037-10559	14-20-603-264		96-004190
	O-07	SAN JUAN	UT	NE	SW	29-40S-25E	PROD OP	43-037-30353	I-149-IND-8839		96-004190
	O-08	SAN JUAN	UT	SE	SW	29-40S-25E	PROD OP	43-037-16146	I-149-IND-8839A		96-004190
	O-09	SAN JUAN	UT	NE	NW	32-40S-25E	PROD OP	43-037-30356	14-20-603-372		96-004190
	O-10	SAN JUAN	UT	SE	NW	32-40S-25E	PROD OP	43-037-15967	-	ML-10375	96-004190

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLI
(Other instructions
verse side)

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

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo

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

7. UNIT AGREEMENT NAME
McElmo Creek

2. NAME OF OPERATOR
Mobil Oil Corporation

8. FARM OR LEASE NAME
-

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

9. WELL NO.
D-10

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

10. FIELD AND POOL, OR WILDCAT
Greater Aneth

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 32, T40S, R25E, S1M

2086' FNL. 1944' FEL

14. PERMIT NO.
43-037-15967

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
GR: 4885

12. COUNTY OR PARISH
San Juan

18. 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)

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANE

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.)*

3-18-87 MIRU. POUH w/ rods and pump. Removed wellhead and NU BOP's. POUH w/ tbg, anchor and SN. R/H to top of fill @ 5793'.
3-19-87 CO hard fill from 5793' to 5866'. POUH. Hydrotested in hole with 5 1/2" pkv and 184 jts 2-7/8" tbg. Set pkv @ 5674'.
3-20-87 Acidized Desert Creek Zone I perts w/ 2500 gals 28% HCl in five equal stages using salts plugs for diversion. Ave rate 4 BPM. No pressure throughout job. Swabbed 5 hrs and recovered 50 bbl acid water. Fluid level @ 5400'.
3-21-87 Swabbed 10 hrs and recovered 50 bbls water and 20 bbls oil. Starting FL 5000'. Ending FL 5500'.

(Continued on attached sheet)

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

SIGNED

[Signature]

TITLE

Sp Staff Op Engr

DATE

4-10-87

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

APR 16 1987

*See Instructions on Reverse Side

DIVISION OF
OIL, GAS & MINING

McElmo Creek Unit D-10 Conversion

- 3.22.87 SD for Sunday
- 3.23.87 Swabbed 10 hrs and recovered 47 bbls water and 23 bbls oil. Ending F.L. @ 5600'
- 3.24.87 Swabbed 5 hrs and recovered 18 bbl water and 12 bbls oil. Starting FL @ 5200'. Ending FL @ 5600'. Released pkr and POOH.
- 3.25.87 Hydrotested in hole w/ 5-1/2" Lock Set pkr and 183 jts new 2-3/8" J-55 8rd tbg internally coated w/ PA 400. Filled annulus w/ inhibited FW. Set pkr @ 5648'. NU wellhead. RDMD.
- 4-9-87 Completed installation of injection skid.
- 4-10-87 Placed well on injection.

FORM NO. DOGM-UIC-5
(1981)

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING
Room 4241 State Office Building
Salt Lake City, Utah 8414
(801) 533-5771

RECEIVED
APR 16 1987

RULE 1-7 (d & e)

DIVISION OF
OIL, GAS & MINING

NOTICE OF (COMMENCEMENT) (TERMINATION) OF INJECTION
(Circle appropriate heading)

Check Appropriate Classification:

Date of Commencement/~~Termination~~ 4-10-87

Disposal Well

Enhanced Recovery Injection Well

Enhanced Recovery Project

Well Name McElmo Creek Unit 0-10

Location: Section 32 Twp. 40S Rng 25E County San Juan

Order No. authorizing Injection UIC-076 Date May 9, 1986

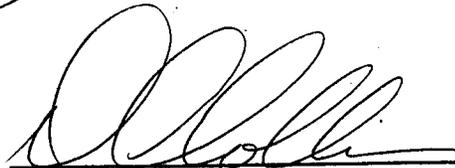
Zone into Which Fluid Injected Desert Creek Zone I

If this is a Notice of Termination of injection, please indicate date well commenced injection. _____

If this is a Notice of Termination of injection, please indicate if well is to be plugged or returned to production; if returned to production, indicate producing interval _____

Operator Mobil Oil Corporation

Address P.O. Drawer G, Cortez Co 81321


Signature

4-10-87
Date

INSTRUCTION: If this is notification of an enhanced recovery project injection termination, it must be accompanied by an individual well status report for all project injection wells.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

6. If Indian, Allottee or Tribe Name
NAVAJO

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

8. Well Name and No.
0-10

9. API Well No.
43-037-15967

10. Field and Pool, or Exploratory Area
GREATER ANETH

11. County or Parish, State
SAN JUAN, UTAH

SUBMIT IN TRIPLICATE JUL 23 1990

1. Type of Well
 Oil Well Gas Well Other **INJECTION WELL**
 DIVISION OF OIL, GAS & MINING

2. Name of Operator
MOBIL OIL CORPORATION

3. Address and Telephone No. **%Mobil Exploration & Producing U.S. Inc.**
P.O. Box 633 Midland, Texas 79702

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2086' FNL, 1944' FNL, SEC. 32, T40S, R25E

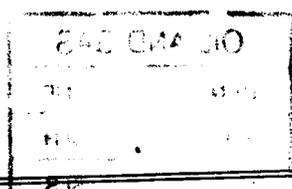
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	CONVERSION TO CO₂

(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.)*

- 6-19-90 MIRU POOL WELL SERVICE. REL PKR. POH W?PROD. TBG. GIH W/BIT & SCRAPER.
- 6-20-90 CLEAN IRON SULFITE CIRC. CLEAN RAN LOG. CAP W/CMT FROM 5820-5810 PBD @ 5810'
- 6-21-90 CHG. OUT CSG. HEAD TO CO₂ INJ.. HEAD. PKR SET @ 5636/ TEST PKR 1000#/OK.
ACDZ DESERT CREEK PERFS 5703-5780 w/4000 GALS 15% HCL ACID + 2000 GAL SALT BLOCK @ 2#.
- 6-22-90 REL PKR POH W?WORK STRING.
- 6-23-90 GIH W/INVERTED PKR ON / OFF TOOL & 2 7/8 TBG.
- 6-26-90 SET PKR. @ 5639. TEST 1000#/OK. RD & REL POOL
CONVERSION MADE FOR CO₂ INJECTION



14. I hereby certify that the foregoing is true and correct
 Signed Shelby Dodd (915)688-2585 Title MOBIL EXPLORATION & PRODUCING U.S. INC. AS AGENT FOR MOBIL OIL CORPORATION Date 7-18-90

(This space for Federal or State office use)
 Approved by _____ Title _____ Date _____
 Conditions of approval, if any:

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

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

8. Well Name and No.
O-10

9. API Well No.
43-037-15967

10. Field and Pool, or Exploratory Area
GREATER ANETH

11. County or Parish, State
SAN JUAN, UT

SUBMIT IN TRIPLICATE

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

2. Name of Operator
MOBIL OIL CORPORATION

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2086' FNL, 1944' F&L SEC.32, T40S, R25E

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

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	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
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(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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SEE ATTACHED PROCEDURE

10/14/92
JRM Matthews

RECEIVED
OCT 13 1992
DIVISION OF
OIL GAS & MINING

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

Signed Shirley Todd **SHIRLEY TODD** Title **ENV. & REG TECHNICIAN** Date **10-6-92**

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
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*See instruction on Reverse Side

PROPOSED WORKOVER PROCEDURE
McELMO CREEK UNIT
O-10

- 1) Dig workover pit and line/fence. MI 300 bbl tank and load w/ 10# brine water from Montezuma Water Service. ND injection skid. MIRU DDPV.
- 2) MI Baker Oil Tools. Bleed off any pressure on annulus. Remove tbg head bolts, stab lift sub into crown of tree and pick up. Rotate to left to close downhole shut-off valve (DHV). Set down and put left hand torque into on/off tool (OOT) to release. Load hole w/ 10# brine. Latch OOT and open DHV w/ right hand turn. If well is dead, procede to pull well. If not dead, SI and obtain SIDPP. Contact Engineering.

PROCEDURES IF WELL IS DEAD W/ 10# BRINE

- 3) RU Cyclone Services or any other tong crew w/ torque turn tubing tongs equipped w/ full grip (300 degrees+) heads/back-ups. Release packer (set down, rotate right) and POOH w/ 5-1/2" Baker inverted lok-set pkr (incoloy) + Baker model B DHV + Baker HEL OOT + 179 jts 2-7/8", j-55, 8rd tbg internally Fluorolined (cement lined). Stand tbg back in derrick w/ protectors. Send PKR + DHV + OOT to Baker yard and have pressure tested before tearing down for re-dress. Notify Engineering of results.
- 4) MI 2-7/8" workstring (W/S). PU and RIH w/ 4-3/4" bit + 5-1/2", 15.5# scraper + 187 jts 2-7/8" W/S. Clean out to PBTB @ 5810'. Circulate hole clean and POOH.
- 5) PU and RIH w/ 5-1/2" tension PKR + RBP on 182 jts W/S. Set RBP @ +/- 5640'. Load hole w/ fluid. Set PKR @ +/- 5000'. Pressure test tbg to 1000 psi for 30 minutes, 5% (50 psi) leak-off is acceptable. Bleed off pressure. Pressure test annulus to 1000 psi for 30 minutes, 5% is acceptable. Bleed of pressure. Continue testing casing until leak is found. Isolate leak and establish rate & pressure if possible.
- 6) If no leak was found, retrieve RBP and PKR, POOH laying down W/S. Continue from step #10.
- 7) If leak has been found, POOH w/ PKR and SI well for a minimum of 12 hrs w/ no flow. Contact EPA representative, Ken Lingo, Farmington N.M. to witness temp log. After 12 hrs SI RU wireline to run temperature log w/ gamma ray to get on depth. Run gamma strip to get on depth and correlate w/ Schlumberger gamma-ray / neutron 1-2-62. Run temp log according to EPA requirements attached to back of workover package. Have wireline company trace open hole gamma onto final draft of temp log. Fax temp log to EPA in San Francisco to obtain approval to continue w/ squeeze.
- 8) Once approval to squeeze has been obtained, squeeze as follows:

IF HIGH PRESSURE LEAK:

- a) spot 3 drums sodium silicate across leak
- b) apply 1000 psi differential squeeze pressure and hold
- c) circulate out remainder sodium silicate
- d) pressure test squeeze to 1000 psi for 30 minutes

IF RATE IS OBTAINED INTO LEAK:

- a) set cmt retainer above leak
 - b) establish rate through retainer
 - c) mix 50 - 100 ex class G w/ 200 - 400 cc's fluid loss additive
 - d) squeeze through retainer, MAX pressure = 1500 psi
 - e) hesitate cement every 15 minutes until squeeze pressure is obtained
 - f) sting out of retainer and reverse out excess cement
- 9) POOH w/ tbg. RIH w/ bit + scraper + W/S and drill out squeeze. Pressure test to 1000 psi for 30 minutes. If squeeze doesn't hold, repeat squeeze. If squeeze holds, POOH and LD bit + scraper.
 - 10) Leave well SI 12 hrs. Run 2nd temp log with EPA witness as done before squeeze. Leave well SI another 12 hrs and run 3rd temp log as before. RD wireline.
 - 11) RIH and retrieve RBP. POOH and lay down W/S.
 - 12) RU torque turn tongs w/ full grip heads/backups. PU Baker 5-1/2" inverted lok-set + DHV + OOT and RIH w/ +/- 179 jts 2-7/8" fluorolined tbg. Make-up tbg from 1240 - 1650 ft/lbs torque. If threadmaster torque rings are present in injection tbg, make-up is 1000 additional ft-lbs torque after pin end engages ring.
 - 13) Set PKR @ +/- 5639' w/ -5k to neutral wt. Load backside and pressure test to 1000 psi for 30 minutes. If pressure bleed off not within 5%, move PKR up hold 10'-20' and re-try. After pressure test, close DHV and get off OOT. Circulate fresh water mixed w/ 2 drums Tretolite packer fluid. ND BOP's, NU WH. Latch OOT and open DHV. NU injection skid and clean location.
 - 14) After wellbore fluids have stabilized and trapped air removed, perform MIT test. Contact Ken Lingo, EPA, Farmington N.M. to witness. Obtain chart of test and submit copy to Ernie Thomas, Cortez office. Fill out Utah Tax Credit form and submit to Tiny Higman, Cortez office. Turn well over to production.

- 15) Return well to CO2 injection. Target rate is 320 bpd CO2.
Max injection pressure is 2960 psi.

PROCEDURES IF WELL NOT DEAD W/ 10# BRINE

- 1) Close DHV and get off OOT. POOH w/ 2-7/8" injection tbg and stand back w/ thread protectors.
- 2) PU W/S. RIH w/ RBP + PKR and set RBP @ +/- 5630'. PUH w/ PKR and follow same procedures as above to isolate and repair casing leak.
- 3) Once leak has been repaired and casing will test to 1000 psi for 30 minutes, POOH w/ RBP. RIH w/ same injection equipment. Roll hole w/ packer fluid and return well to injection.
- 4) If PKR is leaking, RU snubbing unit and pull. Snub in w/ RBP and set @ +/- 5630'. Continue workover as in previous procedure. Snub equipment back in hole after repairs have been completed.

T. Wayne McPherson
(303) 565-2207 office
(303) 565-0177 home
(303) 749-1143 mobile
(505) 327-8814 pager

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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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 TRIBAL

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

8. Well Name and No.
O-10

9. API Well No.
43-037-15967

10. Field and Pool, or Exploratory Area
GREATER ANETH

11. County or Parish, State

SAN JUAN, UT

SUBMIT IN TRIPLICATE

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

2. Name of Operator
MOBIL OIL CORPORATION

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2086' FNL, 1944' FEL SEC.32, T40S, R25E

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	<input checked="" type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other <u>AMEND PROCEDURE</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
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	<input type="checkbox"/> Dispose Water

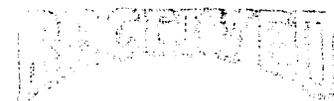
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SEE ATTACHED PROCEDURE

RECEIVED BY THE STATE
DIVISION OF
OIL GAS & MINING

DATE: 11-10-92

BY: [Signature]



NOV 09 1992

DIVISION OF
OIL GAS & MINING

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

Signed Shirley Todd **SHIRLEY TODD**

Title **ENV. & REG TECHNICIAN**

Date 11-4-92
10-6-92

(This space for Federal or State office use)

Approved by Federal Approval of this Title _____ Date _____
Conditions of approval, if any: Action is Necessary

PROPOSED WORKOVER PROCEDURE AMENDMENT
McELMO CREEK UNIT
O-10
SAN JUAN COUNTY, UTAH

It is requested that the following procedure to re-squeeze old Ismay perforations be added to procedures previously submitted to test casing and repair suspected casing/equipment leak. The proposed procedure amendment should be inserted into previously submitted procedure following step #4.

- 4a) RU wireline and RIH to set CIBP @ +/- 5680'. RU dump bailer. Dump 20-50 gals epoxy resin and load hole w/ fresh water. SI well for 72 hrs.
- b) RIH w/ 5-1/2" bit + scraper on workstring. Drill out resin and CIBP. POOH.

**PROPOSED WORKOVER PROCEDURE
McELMO CREEK UNIT
0-10**

- 1) Dig workover pit and line/fence. MI 300 bbl tank and load w/ 10# brine water from Montezuma Water Service. ND injection skid. MIRU DDFU.
- 2) MI Baker Oil Tools. Bleed off any pressure on annulus. Remove tbg head bolts, stab lift sub into crown of tree and pick up. Rotate to left to close downhole shut-off valve (DHV). Set down and put left hand torque into on/off tool (OOT) to release. Load hole w/ 10# brine. Latch OOT and open DHV w/ right hand turn. If well is dead, procede to pull well. If not dead, SI and obtain SIDFP. Contact Engineering.

PROCEDURES IF WELL IS DEAD W/ 10# BRINE

- 3) RU Cyclone Services or any other tong crew w/ torque turn tubing tongs equipped w/ full grip (300 degrees+) heads/back-ups. Release packer (set down, rotate right) and POOH w/ 5-1/2" Baker inverted lok-set pkr (incoloy) + Baker model B DHV + Baker HEL OOT + 179 jts 2-7/8", j-55, 8rd tbg internally Fluorolined (cement lined). Stand tbg back in derrick w/ protectors. Send PKR + DHV + OOT to Baker yard and have pressure tested before tearing down for re-dress. Notify Engineering of results.
- 4) MI 2-7/8" workstring (W/S). PU and RIH w/ 4-3/4" bit + 5-1/2", 15.5# scraper + 187 jts 2-7/8" W/S. Clean out to PBSD @ 5810'. Circulate hole clean and POOH.
- 5) PU and RIH w/ 5-1/2" tension PKR + RBP on 182 jts W/S. Set RBP @ +/- 5640'. Load hole w/ fluid. Set PKR @ +/- 5000'. Pressure test tbg to 1000 psi for 30 minutes, 5% (50 psi) leak-off is acceptable. Bleed off pressure. Pressure test annulus to 1000 psi for 30 minutes, 5% is acceptable. Bleed of pressure. Continue testing casing until leak is found. Isolate leak and establish rate & pressure if possible.
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- 9) POOH w/ tbg. RIH w/ bit + scraper + W/S and drill out squeeze. Pressure test to 1000 psi for 30 minutes. If squeeze doesn't hold, repeat squeeze. If squeeze holds, POOH and LD bit + scraper.
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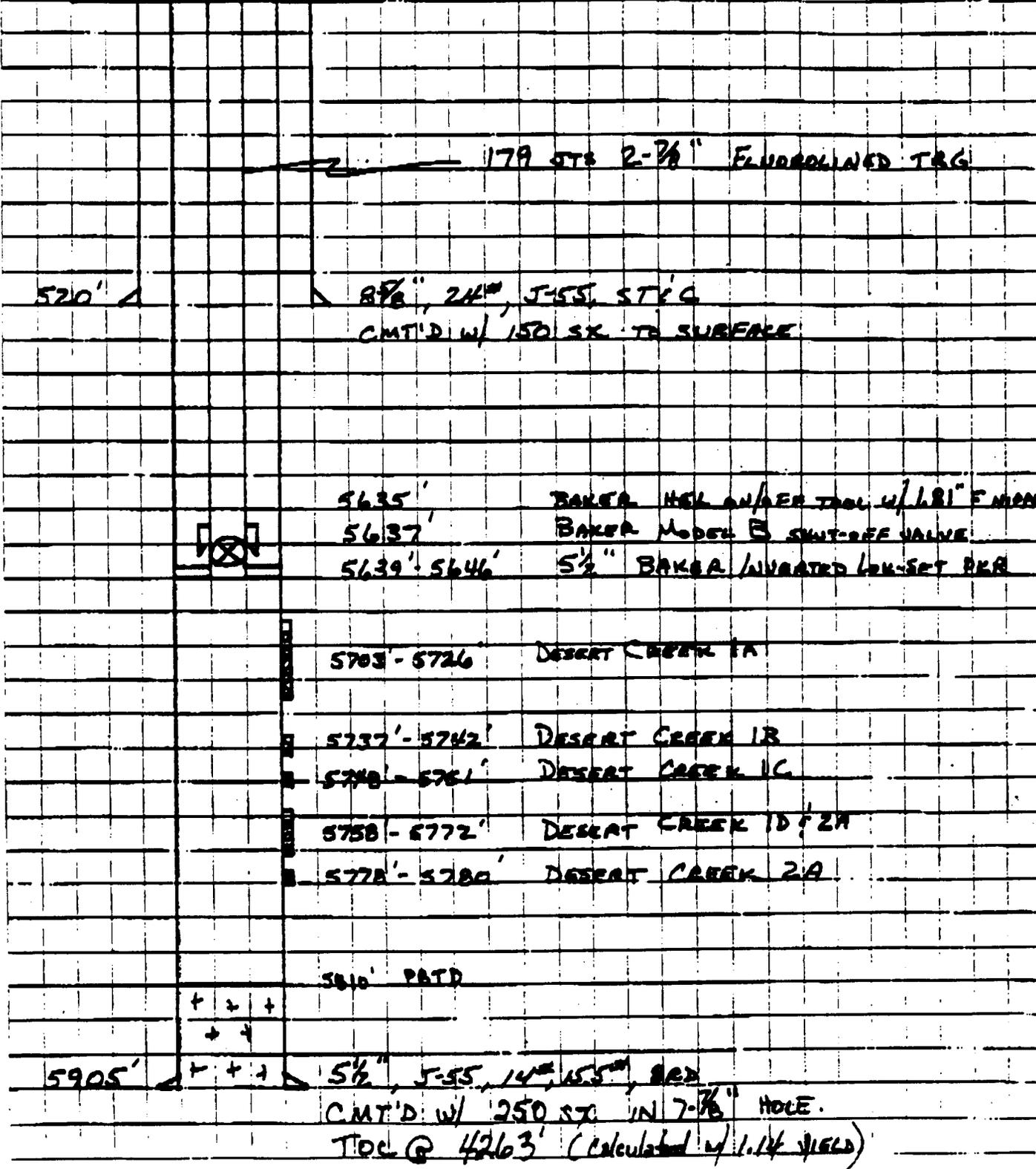
T. Wayne McPherson
(303) 565-2207 office
(303) 565-0177 home
(303) 749-1143 mobile
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FOR McELMO CREEK UNIT D-10
 LOCATION SE/NW SEC 32, T40S R25E
 SURFACE 2086' FNL, 1944' FNL
 SAN JUAN COUNTY, UTAH

JOB OR CLIENT NO. _____
 PAGE _____
 DATE _____
 BY _____

CURRENT WELLBORE

ELEVATION: KB = 4900'
 GL = 4087'



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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NAVAJO TRIBAL

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O-10

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43-037-15967

10. Field and Pool, or Exploratory Area
GREATER ANETH

11. County or Parish, State
SAN JUAN, UT

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other INJECTION WELL

2. Name of Operator

MOBIL OIL CORPORATION

3. Address and Telephone No.

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

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

2086 FNL, 1944 FEL SEC. 32 T40S R25E

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

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

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- 2-07-93 MIRU POH W/TBG & PKR.
- 2-08-93 RIH W/4.65 BIT. TAG BP @ 5770'
- 2-09-93 SET 5.5 CIBP @ 5674'.
- 2-10-93 DUMP 25 GALS RESIN OVER THEIR ZONE ABOVE CIBP IN 2 RUNS.
- 2-14-93 RIH W/4 3/4 BIT. TAG @ 5658
- 2-15-93 DUMP 12.5 GAL. RESIN FROM 5656-5644 RIH W/THIEF TOOL TOP OF RESIN @ 5646.
- 2-16-93 RIH W/ BIT TAG 2 5647. SET RBP @ 5627 SET PKR @5560. TEST RBP TO 1000#/OK/CIR HOLE W10# BR. TEST CSG TO 1000#/30 MIN/OK
- 2-17-93 DRILL RESIN FROM 5647-5670. CIRC. CLEAN.
- 2-18-93 DUMP 25 GALS RESIN FROM 5669-5644 RUN THEIR TOOL. GOOD RESIN FROM 5644-5669
- 2-21-93 TAG @ 5651' DRILL RESIN FROM 5651-5670' CIRC. CLEAN. DRILL CIBP. PUSH CIBP TO 5770'. CIRC. WELL CLEAN.
- 2-22-93 PUSH CIBP TO BTM @ 5810'.
- 2-23-93 RIH W/BAKER INVERT LOKSET PKR. RIH W/142 JTS CMT LINED TBG. SET PRK. @ 5639.72'
- 2-24-93 CIRC. PKR. FLUID. PRESS. TEST ANN TO 1000 PSI. LOST 30 PSI IN 30 MIN. RDMO. TURN WELL TO PRODUCTION

RECEIVED

MAR 11 1993

DIVISION OF
OIL GAS & MINING

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

Signed Shirley Todd SHIRLEY TODD Title ENGINEERING TECHNICIAN

Date 3-8-93

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

Tax Credit

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
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MCELMO CREEK UNIT

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O-10

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GREATER ANETH

11. County or Parish, State

SAN JUAN, UT

SUBMIT IN TRIPLICATE

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Oil Well Gas Well Other **INJECTION WELL**

2. Name of Operator

MOBIL OIL CORPORATION

3. Address and Telephone No.

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

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	<input type="checkbox"/> Other <u>WORKOVER</u>
	<input type="checkbox"/> Change of Plans
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SEE ATTACHMENT

RECEIVED

APR 12 1993

DIVISION OF
OIL GAS & MINING

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Signed Shirley Todd SHIRLEY TODD Title ENGINEERING TECHNICIAN Date 4-6-93

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*See instruction on Reverse Side

RECOMMENDED WORK PROCEDURE
McELMO CREEK UNIT
O-10
SAN JUAN COUNTY, UTAH

- 1) MIRU BIG A DDPU. ND injection skid. MI Baker Oil Tools service hand from Farmington N.M. ND tbg head and PU to close Model B downhole shut-off valve. Release on/off tool and bleed of any pressure. ND wellhead, NU BOPs.
- 2) MI pump truck with load of fresh water. Pressure up casing 1000 to 1200 psi for 30 minutes. No more than 5% leak off is acceptable. If casing holds pressure, latch on off tool and re-test. If on/off tool holds, open downhole valve and test. If all three test succeed, contact Ken Lingo, EPA representative, Farmington N.M. and schedule a new test. Once test passes with Lingo as witness, NU wellhead, NU injection skid, turn over to Tom Bettes, Production Foreman.
- 3) If any of the three tests above failed. POOH with packer + valve + on/off tool and send to Baker yard for testing. Inform Baker to contact Engineer with test results.
- 4) PU 2-7/8" workstring and 5-1/2", 15.5# casing scraper and round trip to 5640. PU packer and RBP for 5-1/2" casing and RIH. Set RBP @ 5640'. Set packer @ 5635' and pressure test RBP. Move packer up hole and pressure test casing to 1000 psi for 30 minutes with no more than 5% leak-off acceptable. Continue until casing leak has been isolated.
- 5) Once leak has been isolated, contact Engineer for procedures to run either retrievable or permanent casing patch.
- 6) After leak has been repaired with casing patch, PU and RIH with same injection equipment that was pulled out of hole. If tubing did not have torque rings, replace with new tbg string equipped with torque rings and send old string back for repair and installation of torque ring package. Re-dress packer + valve + on/off tool. Make up torque for tubing is 1000 ft-lbs after ring engages pin. Final torque = 2240 ft-lbs to 3060 ft-lbs. Torque turn tongs with minimum 300 degrees radial coverage required.
- 7) Set packer +/- 5640' with 5K - 10K pounds compression. Close valve and release on/off tool. Circulate hole w/ 140 bbls fresh water treated with packer fluid. ND BOP's, NU wellhead. RDMO and turn well over to Tom Bettes, Production foreman.

Wayne McPherson
T. Wayne McPherson
Operations Engineer

office (303) 565-2207
home (303) 565-0177
mobile (303) 749-1143
pager (505) 327-8814

FOR McELMO CREEK UNIT 0-10
 LOCATION SE/NW Sec 32, T40S, R25E
 SURVEY 2086' FNL, 1944' FNL
SAN JUAN COUNTY, UTAH

JOB OR AUTH. NO.

PAGE

DATE 3/23/93

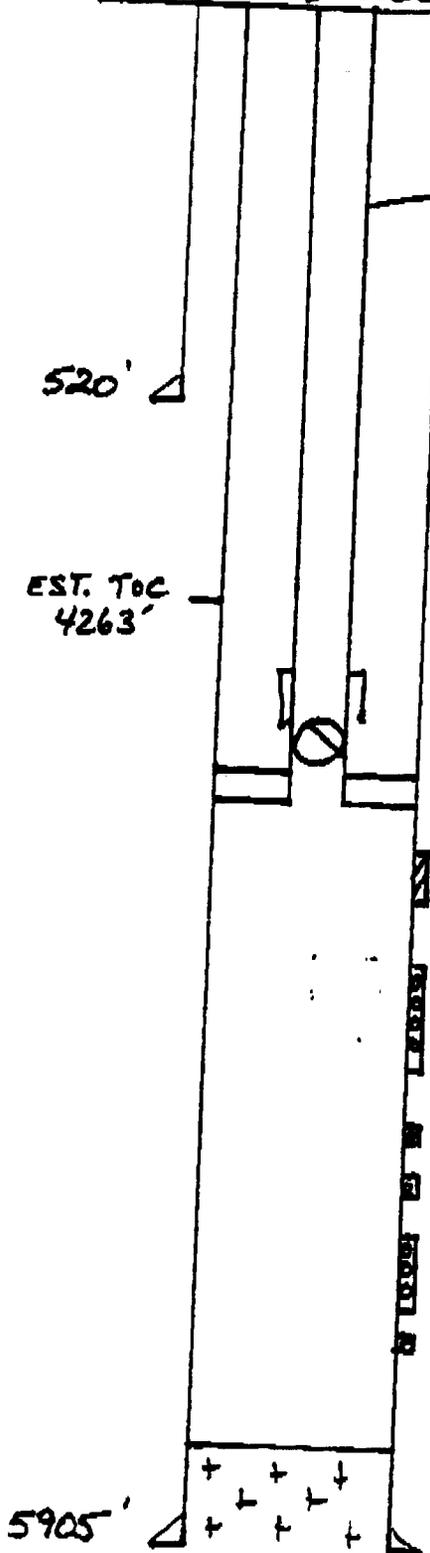
BY McPHERSON

KB: 4900'

GL: 4887'

COMPLETED: 1-13-62

PROPOSED WELLBORE



179 JTS 2-7/8" GUE BAD TRG
 CEMENT LINED, EQUIPPED WITH TROUVE RINGS.

8-7/8", 24#, J-55, STIC
 CMT'D TO SURFACE w/ 150 SX

1/4 5629' BAKER 'HEL' ON/OFF TOOL W/ 1.81" PROFILE
 1/4 5631' BAKER MODEL B SHUT-OFF VALVE
 1/4 5640' BAKER 5 1/2" INVERTED LOK-SET PACKER

5655' - 5670' ISMAY (SQUEEZED)

5703' - 5726' DESERT CREEK

5737' - 5742' DC

5748' - 5751' DC

5758' - 5772' DC

5778' - 5780' DC

5810' PATD

5 1/2", J-55, 14# & 15.5# BRD
 CMT'D W/ 250 SX IN 7-7/8" HOLE
 TOC @ 4263'

FOR McELMO CREEK UNIT 0-10
 LOCATION SE/NW SEC 32, T40S, R25E
 SUBJECT 2086' FNL, 1944' FNL
SAN JUAN COUNTY, UTAH

JOB OR AUTH. NO. _____
 PAGE _____
 DATE 3/23/93
 BY McPHERSON

CURRENT WELLBORE

KB: 4900'
 GL: 4887'

COMPLETED: 1-13-62

179 JTS 2-7/8" EVE BAD TRG
 CEMENT LINED.

8-7/8", 24#, J-55, STIC
 CMT'D TO SURFACE W/ 150 SX

EST. TOC
 4263'

5629' BAKER 'HEL' ON/OFF TOOL W/ 1.81" PROFILE
 5631' BAKER MODEL B SHUT-OFF VALVE
 5640' BAKER 5 1/2" INVERTED LOK-SET PALMER

5655' - 5670' 1smay (SQUEEZED)

5703' - 5726' DESERT CREEK

5737' - 5742' DC

5740' - 5751' DC

5758' - 5772' DC

5778' - 5780' DC

5810' PATD

5905' 5 1/2", J-55, 14# & 15.5# BRD
 CMT'D W/ 250 SX IN 7-7/8" HOLE
 TOC @ 4263' (estimated, 1.14 YIELD)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

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

8. Well Name and No.
O-10

9. API Well No.
43-037-15967

10. Field and Pool, or Exploratory Area
GREATER ANETH

11. County or Parish, State
SAN JUAN, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other INJECTION

2. Name of Operator

MOBIL OIL CORPORATION

3. Address and Telephone No.

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

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

2086' FNL; 1944' FFL

W

Sec 32 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
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other _____
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

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

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

SEE ATTACHMENT

RECEIVED

JAN 03 1994

DIVISION OF
OIL, GAS & MINING

1-5-94
Shirley Todd

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

Signed *S. Bauer for* SHIRLEY TODD

Title ENVIR. & REG. TECH

Date 12/29/93

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any: *Federal Approval of this Action is Necessary*

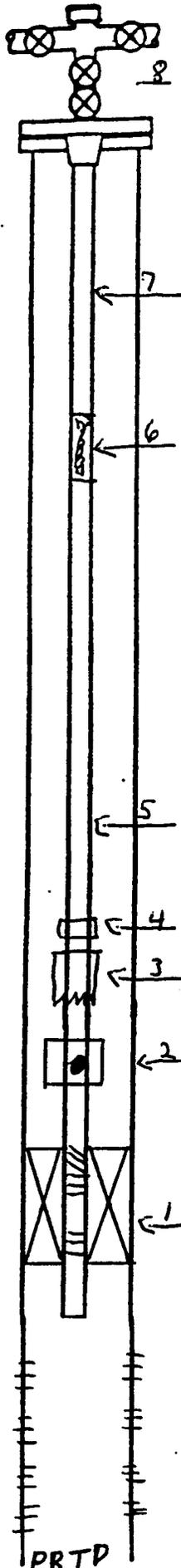
Title _____

Date _____

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

McElmo Creek Unit D-10
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. PT coiled tubing to 6000 psi using injection water.
2. RIH with 1-1/4" coiled tubing with perforation wash nozzle and CO to PBTB at 5810' 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, POH, RIH with 1-3/4" dynadrill on 1-1/4" coiled tubing and drill out fill. POH.
3. MIRU wireline unit with lubricator. POH. 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 5758'-5780', 5737'-5751' and 5703'-5728'. POH. 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. POH. RDMO coiled tubing unit and all surface equipment.
5. Pump out and backfill pit. Turn well over to production leaving well shut in.



COMPANY	Mobil Oil Co.	CA	1	LINER		UPPER TUBING	LC	TL
WELL NAME & NUMBER	0-10	SIZE	5 1/2		2 7/8			
FIELD	M. C. U.	WEIGHT				6.52		
COUNTY	SAN JUAN	GRADE				CEMENT		
STATE	UTAH	THREAD				FW		
DATE	02-25-93					8 RD		
		<input type="checkbox"/> NEW						
		<input checked="" type="checkbox"/> W.O.						
DEPTH								

ITEM	DESCRIPTION	MAX. O.D. INCHES	MIN. I.D. INCHES	LENGTH FEET	DEF FE
1	45B INVERTED LOCKSET PACKER	4.781	1.901	6.90	563.0
2	MODEL "B" DOWNHOLE SHUTOFF VALVE	3.500	1.81	1.50	563.1
3	4.50 X 1.81 F X 2 3/8 HEL CN/OFF TOOL	4.500	1.81	1.85	562.2
4	2 7/8 X 2 3/8 CROSS OVER	3.668	1.937	.50	562.8
5	178 JTS 2 7/8 C/L TUBING	3.668	1.937	5574.35	5574.0
6	2 7/8 EW C.L. TUBING SUB	3.668	1.937	10.19	54.0
7	2 7/8 LANDING JT	3.668	1.937	31.43	44.0
8	KB	-	-	13	13
TOTAL STRIKING W/TOOLS:				5626.72	
				KB	13.0
					5639.72
NOTE - 1500' SETTING ON TOOL					
PERES:					
5703'-5726'		5737'-5742'			
5748'-5751'		5758'-5772'			
5778'-5780'					

PREPARED FOR	JAY CUNNINGHAM	OFFICE	FARMINGTON, N.M.	PHONE	505-325-00
PREPARED BY	BOB LEE				

BAKER PACKERS
 A DIVISION OF BAKER OIL TOOLS GROUP, BAKER INTERNATIONAL CORPO.

6023 NAVIGATION BOULEVARD
 P.O. BOX 3048 • HOUSTON, TEXAS 77001
 TELEPHONE (713) 923-9351 • TELEX 78-2833

PBTB
5810'

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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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 TRIBAL

7. If Unit or CA, Agreement Designation

MCELMO CREEK UNIT

8. Well Name and No.

O-10

9. API Well No.

43-037-15967

10. Field and Pool, or Exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other INJECTION

2. Name of Operator

MOBIL OIL CORPORATION

3. Address and Telephone No.

P O BOX 633 MIDLAND, TX 79702

(915) 688-2585

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

2086' FNL, 1944' FEL SEC. 32, T40S, R25E

W

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

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

PLEASE CANCEL THE SUNDRY NOTICE OF 4-6-93 SINCE IT WAS NEVER COMPLETED. SUNDRY NOTICE OF 12-29-93 TAKES THE PLACE OF THE PREVIOUS SUNDRY.

RECEIVED

JAN 24 1994

DIVISION OF
OIL, GAS & MINERAL

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

Signed

Shirley Todd

SHIRLEY TODD

Title

ENV. & REG. TECHNICIAN

Date

1-19-94

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
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14-20-603-372

6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

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

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
MCELMO CREEK UN O-10

2. Name of Operator
MOBIL EXPLORATION & PRODUCING US, AS AGENT FOR MOBIL OIL CORPORATION

9. API Well No.
43-037-15967

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

10. Field and Pool, or exploratory Area
GREATER ANETH

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2086' FNL, 1944' FEL; SEC 32, T40S, R25E

11. County or Parish, State
SAN JUAN UT

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other TESTING
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

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

06-01-93 MIRU RUN THREE MIT TESTS. SIFN.
06-02-93 DO FINAL MIT TEST FOR EPA REP. TEST OK. RDMO.

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

Signed *Darin Lee Shirley* Title ENV. & REG. TECHNICIAN Date 04/14/94

(This space for Federal or State office use)

Approved by _____ Title _____ Date *Tax credit*

Conditions of approval, if any:

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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14-20-603-372

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NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

MCELMO CREEK UNIT

8. Well Name and No.

MCELMO CREEK UN O-10

9. API Well No.

43-037-15967

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. 633, MIDLAND, TX 79702

(915) 688-2585

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

2086' FNL, 1944' FNL; SEC 32, 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 PERFORATION 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.)*

✓ 06-02-94 MIRU PERF CSG W/6 JSPF 5758-80', 5737-51', AND 5703-28'. LEFT WELL ON INJECTION. RDMO.

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

Signed D. Shirley Todd

Title ENV. & REG. TECHNICIAN

Date 06/09/94

(This space for Federal or State office use)

Approved by _____

Title _____

Date 6/8/94

Conditions of approval, if any:

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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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 TRIBAL

7. If Unit or CA, Agreement Designation

MCELMO CREEK UNIT

8. Well Name and No.

MCELMO CREEK 0-10

9. API Well No.

43-037-15967

10. Field and Pool, or exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN UT

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2086' FNL, 1944' FEL *KWV*
SEC. 32, T40S, R25E
BHL-1061' N OF S.L, 1061 W OF SL

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 **SIDETRACK** Dispose Water

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

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

SEE ATTACHED PROCEDURE

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

Signed Shirley Robertson Title ENV. & REG. TECHNICIAN Date 6-19-95

(This space for Federal or State office use)

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

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McElmo Creek Unit Horizontal Drilling Procedure

The objective of this procedure is to prepare this wellbore for sidetracking, sidetrack the subject well and drill a short radius horizontal well with a 1500' lateral.

1. Prepare location and dig working pit.
2. MIRU DDPU (daylight workover rig), reverse unit and H2S equipment.
3. Kill well if necessary, NU BOPs.
4. Pull and lay down production equipment.
5. TIH with full gauge bit and casing scraper to PBTD.
6. Circulate wellbore clean and POOH
7. TIH with section mill dressed with cutter arms for casing size to 2' below the Gothic Shale. Mill 25' section in casing . Circulate the hole clean and TOH with section mill.
8. TIH with cement retainer and set retainer 100' above the top perforation.
9. Set the retainer. Pull out of retainer and circulate the well with fresh water until it is static and free of oil and gas. Sting back into the retainer. Pressure backside to 500 psi. Locate the test position and test tubing to 3,000 psi.
10. Locate the squeeze position and establish an injection rate with fresh water. Maintain the 500 psi pressure on the annulus and monitor. Cement squeeze the desert Creek Perforations.
11. Pull out of the cement retainer and reverse out any excess cement. TOH with cement stinger.
12. TIH with MT bit. Drill cement retainer and cement to 3' below casing stub.
13. POOH, lay down tubing. RDMO.
14. MIRU 24 hour DDPU with drilling package.
15. PU curve drilling assembly and TIH on 2 7/8" DP to PBTD.
16. RU power swivel and wireline. Latch into gyro tool and orient BHA.
17. Sidetrack wellbore using gyro orientation. Switch to Magnetic steering tool when free of magnetic interference from casing.
18. Drill curve section using steering tool for orientation. POOH and LD curve drilling motor.
19. PU lateral drilling motor and new bit.

21. TIH with lateral drilling assembly. Steer assembly as necessary with steering tool to reach target. Make bit trips as necessary. Circulate wellbore clean and POOH.
22. Complete well as per operations Engineering.

Greater Aneth Field
San Juan County, Utah
2086' FNL, 1944' FWL
SEC 32 T40S, R25E
API# 4303715967
PRISM ID: 0000339
Spud Date: 12/4/61
Converted to Inj: 3/25/87

McElmo Creek O-10

Injector

KB: 4900'

GL: 4887'

8-5/8" 24# J-55
CMT w/350 SX
Circ to surf

520'

Tubing Detail:
2-7/8" 6.5 # J-55

TOC @ 4263" (est)

5 1/2" Inv. Lok-Set
PKR @ 5640'

Perf

5703-26'
5737-42'
5748-51'
5758-72'
5778-80'

Re-Perf 6 (Spf)

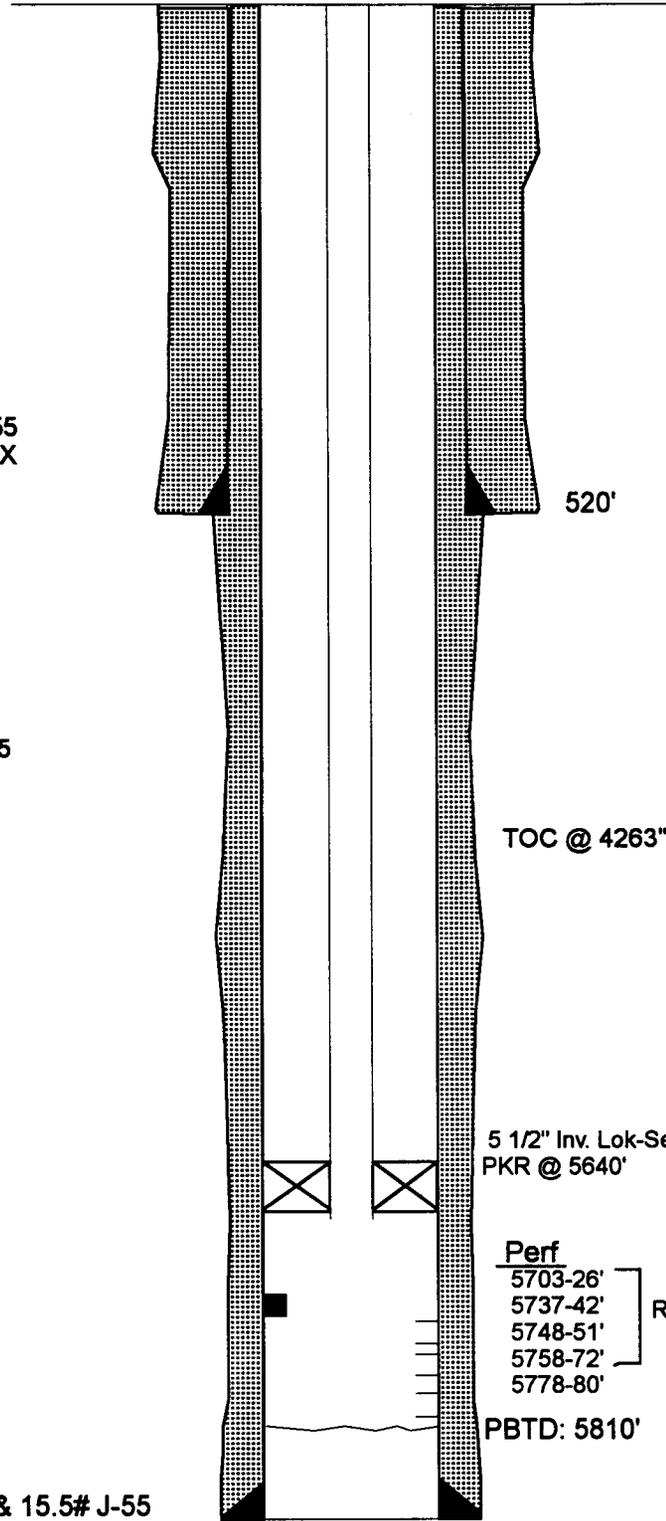
Perf Sqz.
5655 -70'

PBTD: 5810'

5-1/2" 14 & 15.5# J-55
Cmt w/250 sx

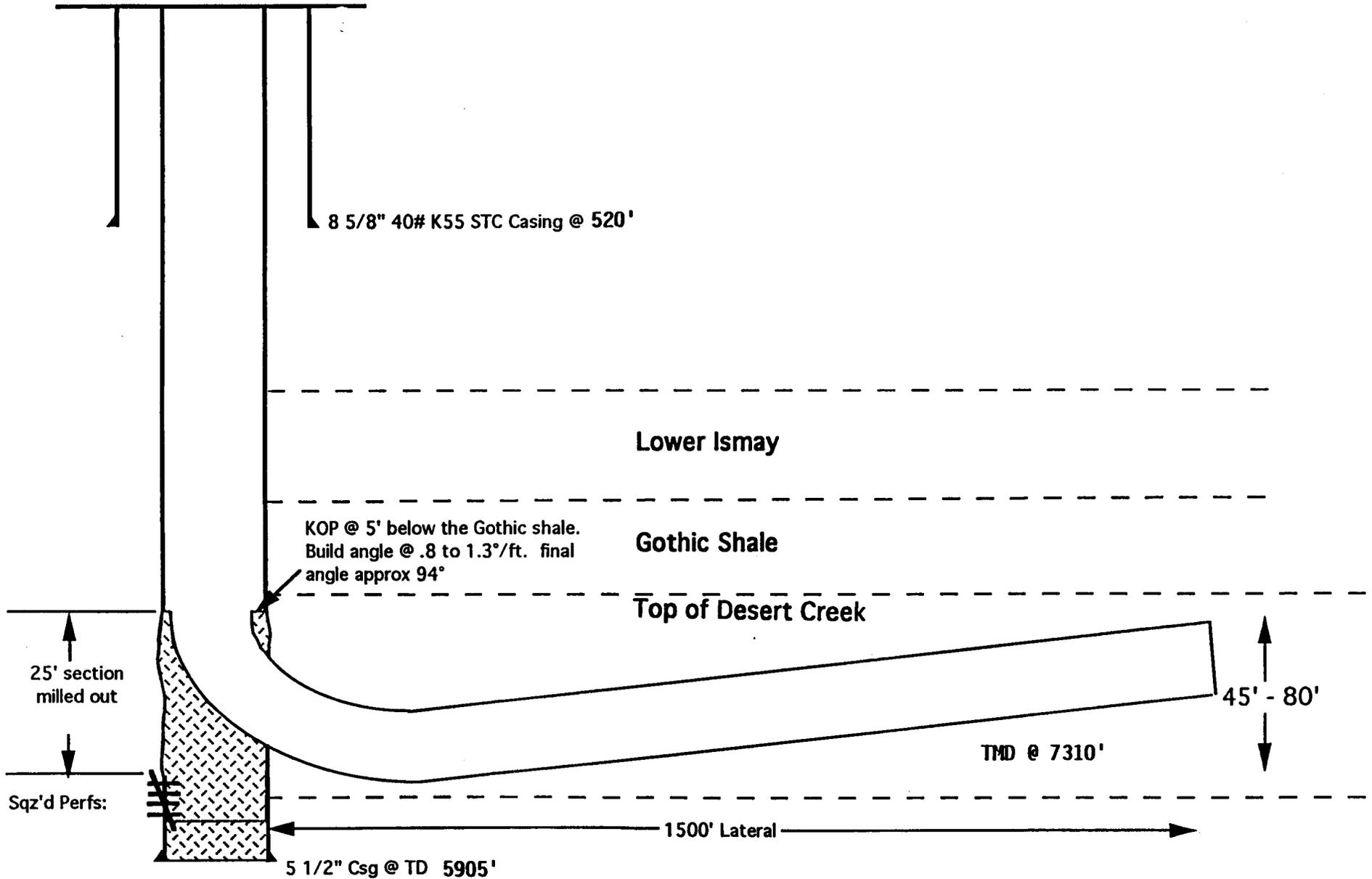
TD: 5905'

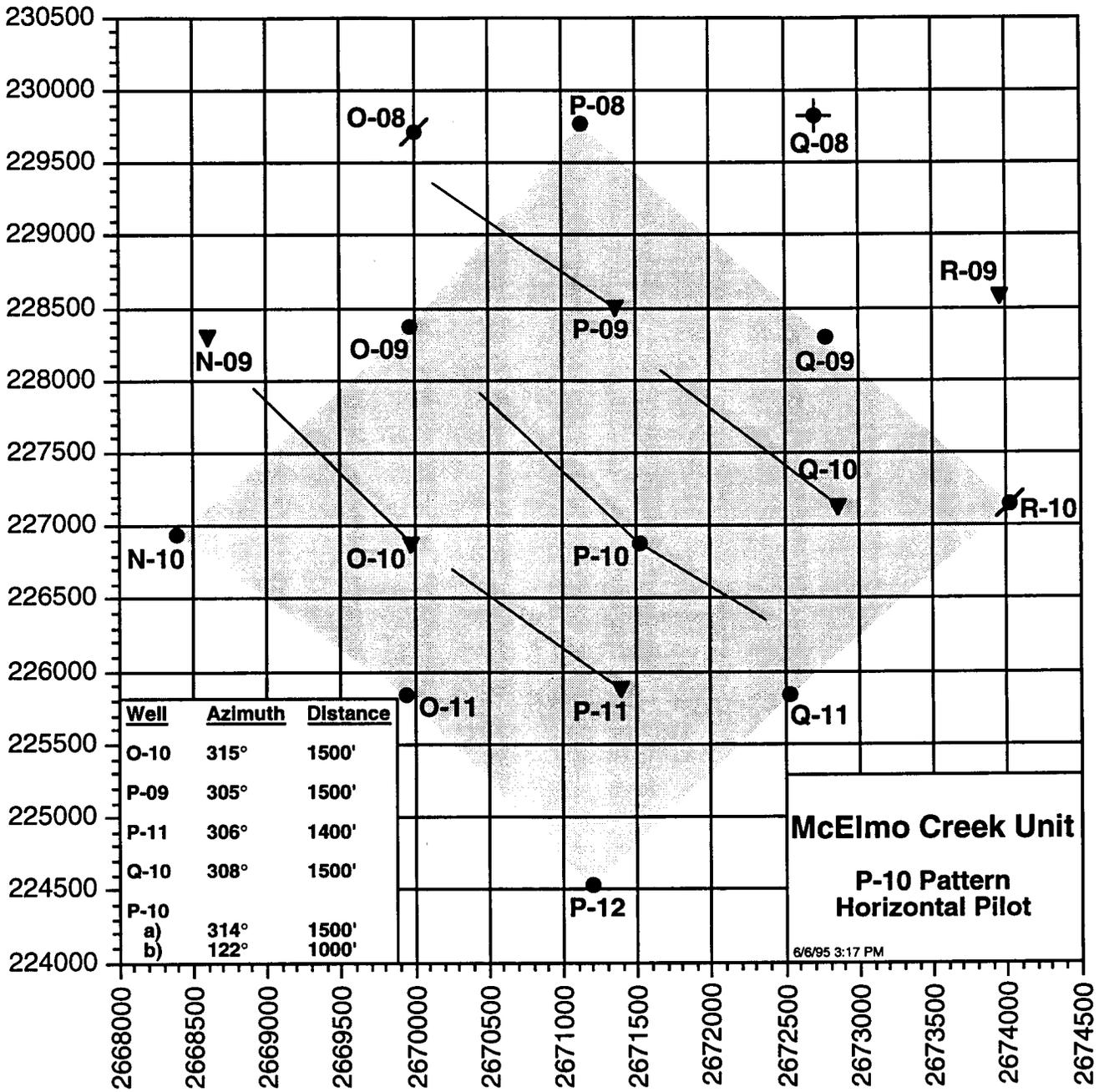
Hole size 7 7/8"



PROPOSED CONDITION
McELMO CREEK UNIT WELL NO. 0-10

2086-FNL, 1944' FEL
BHL - 1061' N OF S. L, 1061' W OF S. L





Well	Azimuth	Distance
O-10	315°	1500'
P-09	305°	1500'
P-11	306°	1400'
Q-10	308°	1500'
P-10		
a)	314°	1500'
b)	122°	1000'

McElmo Creek Unit
P-10 Pattern
Horizontal Pilot
 6/6/95 3:17 PM

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 0-10

9. API Well No.
43-037-15967

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

Re-entry

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**2086' FNL, 1944' FEL FWL - SE 1/4 NW 1/4
SEC. 32, T40S, R25E
BHL-1061' N OF S.L, 1061 W OF SL - NW 1/4 NW 1/4 (1025 FNL
883 FWL)**

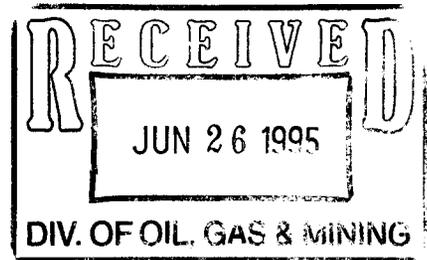
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other SIDETRACK
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

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

SEE ATTACHED PROCEDURE



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

Signed *Shirley Robertson* Title ENV. & REG. TECHNICIAN Date 6-19-95

(This space for Federal or State office use)
Approved by *[Signature]* Title Petroleum Engineer Date 6/20/95
Conditions of approval, if any:

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

McElmo Creek Unit Horizontal Drilling Procedure

The objective of this procedure is to prepare this wellbore for sidetracking, sidetrack the subject well and drill a short radius horizontal well with a 1500' lateral.

1. Prepare location and dig working pit.
2. MIRU DDPU (daylight workover rig), reverse unit and H2S equipment.
3. Kill well if necessary, NU BOPs.
4. Pull and lay down production equipment.
5. TIH with full gauge bit and casing scraper to PBTD.
6. Circulate wellbore clean and POOH
7. TIH with section mill dressed with cutter arms for casing size to 2' below the Gothic Shale. Mill 25' section in casing . Circulate the hole clean and TOH with section mill.
8. TIH with cement retainer and set retainer 100' above the top perforation.
9. Set the retainer. Pull out of retainer and circulate the well with fresh water until it is static and free of oil and gas. Sting back into the retainer. Pressure backside to 500 psi. Locate the test position and test tubing to 3,000 psi.
10. Locate the squeeze position and establish an injection rate with fresh water. Maintain the 500 psi pressure on the annulus and monitor. Cement squeeze the desert Creek Perforations.
11. Pull out of the cement retainer and reverse out any excess cement. TOH with cement stinger.
12. TIH with MT bit. Drill cement retainer and cement to 3' below casing stub.
13. POOH, lay down tubing. RDMO.
14. MIRU 24 hour DDPU with drilling package.
15. PU curve drilling assembly and TIH on 2 7/8" DP to PBTD.
16. RU power swivel and wireline. Latch into gyro tool and orient BHA.
17. Sidetrack wellbore using gyro orientation. Switch to Magnetic steering tool when free of magnetic interference from casing.
18. Drill curve section using steering tool for orientation. POOH and LD curve drilling motor.
19. PU lateral drilling motor and new bit.

21. TIH with lateral drilling assembly. Steer assembly as necessary with steering tool to reach target. Make bit trips as necessary. Circulate wellbore clean and POOH.
22. Complete well as per operations Engineering.

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 06/26/95

API NO. ASSIGNED: 43-037-15967

WELL NAME: McELMO CREEK 0-10 (RE-ENTRY)
 OPERATOR: MOBIL EXPL & PROD CO (N7370)

PROPOSED LOCATION:

SE NW
~~SW~~ 32 - T40S - R25E *W*
 SURFACE: 2086-FNL-1944-FEL
 BOTTOM: 1025-FNL-3005-FEL
 SAN JUAN COUNTY *883 FUL NW NW*
 GREATER ANETH FIELD (365)

INSPECT LOCATION BY: / /		
TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: IND
 LEASE NUMBER: 14-20-603-372

PROPOSED PRODUCING FORMATION: DSCR

RECEIVED AND/OR REVIEWED:

Plat *SEE PLAT*
 Bond: Federal State Fee
 (Number _____)
 Potash (Y/N)
 Oil shale (Y/N)
 Water permit
 (Number *NAVATO WELL*)
 RDCC Review (Y/N)
 (Date: _____)

LOCATION AND SITING:

R649-2-3. Unit: *UTU 68930A*
 R649-3-2. General.
 R649-3-3. Exception.
 Drilling Unit.
 Board Cause no: _____
 Date: _____

COMMENTS: _____

STIPULATIONS: _____



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

June 28, 1995

Mobil Exploration & Producing U.S. Inc.
as Agent for Mobil Producing TX & NM Inc.
P.O. Box 633
Midland, Texas 79702

Re: McElmo Creek O-10 Well, Surface Location: 2086' FNL, 1944' FWL, SE NW;
Bottom Hole Location: 1025' FNL, 883' FWL, Sec. 32, T. 40 S., R. 25 E., San
Juan County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to reenter and drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-037-15967.

Sincerely,

R. J. Earth
Associate Director

ldc
Enclosures
cc: San Juan County Assessor
Bureau of Land Management, Moab District Office
WAPD



Operator: Mobil Exploration & Producing U.S. Inc.
Well Name & Number: McElmo Creek O-10
API Number: 43-037-15967
Lease: Indian 14-20-603-372
Location: SE NW Sec. 32 T. 40 S., R. 25 E.

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5340.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews or Mike Hebertson at (801)538-5340.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. In accordance with Utah Admin. R. 649-3-11, Directional Drilling, submittal of a complete angular deviation and directional survey report is required.

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

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

drl

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

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

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

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

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

Name: ** SEE ATTACHED **	API: <u>43-037-15967</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

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

ENTITY REVIEW

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

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

- N/A/See* 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 8/5/75*
- 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: _____ 19____.

FILING

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

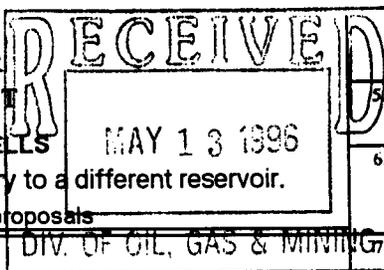
COMMENTS

950803 UIC F5/Not necessary!

Record#	WELL_NAME	API_NUMBER	DATEAPPRVD	SPUD_DATE	COMPLTDATE	
✓ 2508	MCELMO CREEK O-10 (RE-ENTRY)	43-037-15967	06/28/95	1 1	1 1	Drl. & WIW
✓ 2509	MCELMO CREEK P-11 (RE-ENTRY)	43-037-15971	06/28/95	1 1	1 1	Drl. & WIW
✓ 2510	MCELMO CREEK Q-10 (RE-ENTRY)	43-037-15973	06/28/95	1 1	1 1	Drl. & WIW
✓ 2507	MCELMO CREEK P-09 (RE-ENTRY)	43-037-16367	06/28/95	1 1	1 1	Drl. & WIW
✓ 2143	RU 28-11 (RE-ENTRY)	43-037-30446	08/05/94	1 1	1 1	Drl. & POW
✓ 2144	RU 29-31 (RE-ENTRY)	43-037-30914	08/05/94	1 1	1 1	Drl. & POW
✓ 2146	RU 20-33 (RE-ENTRY)	43-037-30931	08/05/94	1 1	1 1	Drl. & POW
✓ 2147	RU 29-42 (RE-ENTRY)	43-037-30937	08/05/94	1 1	1 1	Drl. & POW
✓ 2148	RU 20-42 (RE-ENTRY)	43-037-31051	08/05/94	1 1	1 1	Drl. & POW

APDs Approved
 - Not yet
 Spudded

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



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

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

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

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

3. Address and Telephone No.
P.O. Box 633, Midland, TX 79702

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**2086' FNL, 1944' FEL
SEC. 32, T40S, R25E**

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.
0-10

9. API Well No.
43-037-15967

10. Field and Pool, or exploratory Area
GREATER ANETH

11. County or Parish, State
SAN JUAN UT

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other REMEDIAL WORK
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

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

SEE ATTACHMENT

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

Signed Shuley Robertson Title ENV. & REG. TECHNICIAN Date 5-7-96

(This space for Federal or State office use)

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

McELMO CREEK UNIT O-10
ELIMINATE TBG/CSG ANNULUS PRESSURE
TOM COCHRANE (970) 564-5210

TO: SHIRLEY ROBERTSON

This procedure is based on the assumption there is no casing leak, and that the backside pressure is due to a leak in the tubing, packer, or most likely the on-off tool.

1. TURN WELL TO WATER INJECTION FOR AT LEAST 30 DAYS PRIOR TO RIGGING UP. THIS WILL PUSH CO2 AWAY FROM THE WELLBORE, MAKE SAFER OPERATIONS POSSIBLE, AND MINIMIZE THE RISK OF A BLOWOUT/ENVIRONMENTAL SPILL.
2. KILL WELL. FIRST TRY 10# BRINE, THEN ANY LOCALLY AVAILABLE MUD WITH WEIGHT CALCULATED TO KILL WELL, THEN AS LAST RESORT RU SNUBBING UNIT.
3. UNSET PKR, POH W/PKR, OOT & TBG.
4. W/CONNECTION REP ON LOCATION, GIH W/GUIBERSON G-6 PKR ON FLUORLINE TBG W/TORQUE RING SEALS MADE UP W/TORQUE TONGS TO COUPLING COMPANY SPECS, TILL PKR IS AT 5640'.
5. CIRC PKR FLUID, SET PKR @ 5640'. TEST CSG/TBG ANNULUS TO 1000# FOR 30 MINS ON CHART, HAVE EPA WITNESS IF POSSIBLE. IF PASSES, NU WH, RDMO.
6. IF TEST LEAKS AFTER 3 TRIES, NOTIFY TOM COCHRANE @ (970) 564-5210 FOR AFE INITIATION, AND EPA OF INTENT TO START LOOKING FOR CASING LEAKS AND SQUEEZING THEM.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other **SIDTRACT**

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**SEC. 32 - T40S - R25E
2086' FNL, 1944 FEL
BHL - 1061' NORTH OF S.L., 1061 WEST OF S.L.**

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 0-10

9. API Well No.

43-037-15967

10. Field and Pool, or exploratory Area

GREATER ANETH FIELD

11. County or Parish, State

SAN JUAN UTAH

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

TYPE OF SUBMISSION

- Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

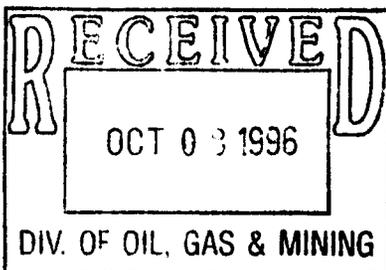
- Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other **CANCEL INTENT**
- Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water

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

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

PLEASE CANCEL INTENT TO SIDTRACT APPROVED 6-23-1995.

*DOGm
LA'd
10-10-96
per operator
request*



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

Signed Shirley Houchens

Title **ENV. & REG. TECHNICIAN**

Date **10-04-96**

(This space for Federal or State office use)

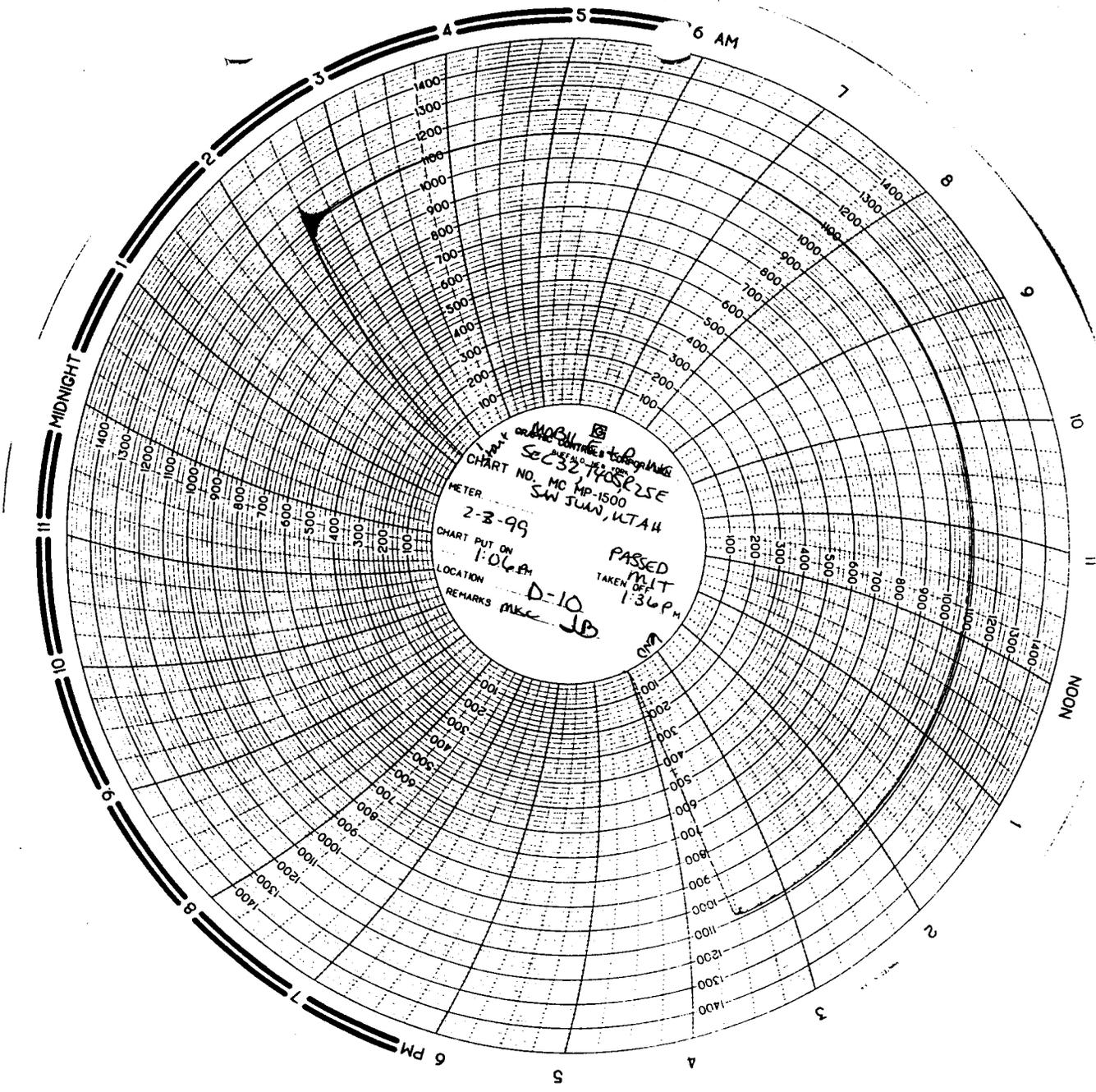
Approved by _____

Title _____

Date _____

Conditions of approval, if any:

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



MOBILE
CHART NO. 32-1405P2SE
MC MP-1500
SW JUN, UTAH
2-3-99
CHART PUT ON 1:06 PM
LOCATION
REMARKS
PASSED MET
TAKEN BY
D-10
JB

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

June 27, 2001

ExxonMobil
Production

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

Change of Name – Mobil Oil Corporation to
ExxonMobil Oil Corporation

Dear Mr. Thompson

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

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

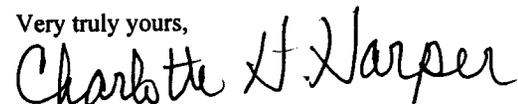
Please note the change of name of MOC to ExxonMobil Oil Corporation in your records pertaining to any MOC permits.

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

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

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

Very truly yours,



Charlotte H. Harper
Permitting Supervisor

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

RECEIVED

JUN 29 2001
DIVISION OF
OIL, GAS AND MINING



United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

XXXXXXXXXXXXXXXXXXXX

Navajo Area Office

NAVAJO REGION

P.O. Box 1060

Gallup, New Mexico 87305-1060

AUG 30 2001

IN REPLY REFER TO:

RRES/543

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

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

Dear Ms. Harper:

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

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

Sincerely,

GENNI 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	<u>BTM</u>
NATV AM MIN COORD	_____
SOLID MIN TEAM	_____
PETRO MENT TEAM	<u>2</u>
O & G INSPECT TEAM	_____
ALL TEAM LEADERS	_____
LAND RESOURCES	_____
ENVIRONMENT	_____
FILES	_____

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

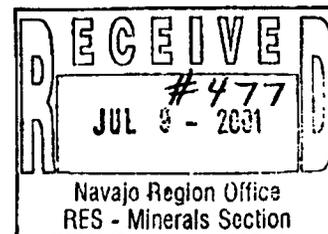
PS 7/12/2001
SH
543
File

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.

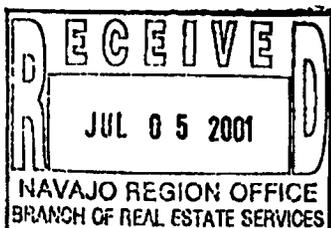
If you have any questions, please contact Alex Correa at (713) 431-1012.

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 Issa.

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

Gentlemen:

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

OFFICERS

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

DIRECTORS

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

Sincerely,



Alex Correa

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





 Signature
AGENT AND ATTORNEY IN FACT

 Title

CERTIFICATION

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

CHANGE OF COMPANY NAME

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

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

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

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

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

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

S. A. Milligan
Assistant Secretary

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

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

Janice M. Phillips
Notary Public



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

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

6/1/01

CHUBB GROUP OF INSURANCE COMPANIES

One World Center, Suite 1900, Houston, Texas 77007-3501
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 12th of June, 2001.

ExxonMobil Oil Corporation

By:



FEDERAL INSURANCE COMPANY

By:



Mary Pierson, Attorney-in-fact



POWER OF ATTORNEY

Federal Insurance Company
Vigilant Insurance Company
Pacific Indemnity Company

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

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

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

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

Kenneth C. Wendel
Kenneth C. Wendel, Assistant Secretary

Frank E. Robertson
Frank E. Robertson, Vice President

STATE OF NEW JERSEY } ss.
County of Somerset

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



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

Karen A. Price
Notary Public

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

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

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

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

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



Kenneth C. Wendel
Kenneth C. Wendel, Assistant Secretary

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

CSC

5184334741

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

CSC

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

F010601000187

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

CSC 45

(Under Section 805 of the Business Corporation Law)

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

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

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

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

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

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

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

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

CSC
CSC

5184334741

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

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

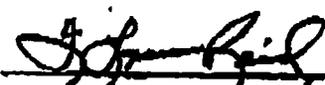
IN WITNESS WHEREOF, this Certificate has been signed this 22nd Day of May, 2001.



F. A. Ritoh, President 

STATE OF TEXAS)
COUNTY OF DALLAS)

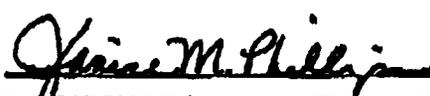
F. L. REID, being duly sworn, deposes and says that he is the Secretary of MOBIL OIL CORPORATION, the corporation mentioned and described in the foregoing instrument; that he has read and signed the same and that the statements contained therein are true.



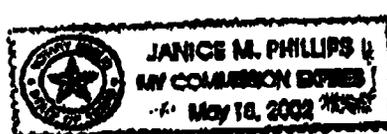
F. L. REID, Secretary

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

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

Filed by: EXXONMOBIL CORPORATION
(Name)

FILED JUN 01 2001

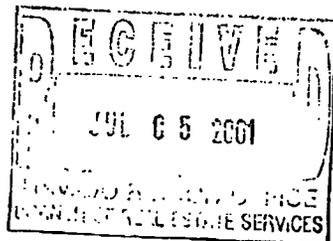
6949 Las Colinas Blvd.
(Mailing address)

TAX \$ _____
BY: *SAC*

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

ny Albany

Cust Ref # 1655781MPJ



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

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**

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

CA No. Unit: MCELMO CREEK

WELL(S)

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MCELMO CREEK 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
NAVAJO TRIBE C-33-31 (MCELMO L-11)	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 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:

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

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

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

DATA ENTRY:

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

BOND VERIFICATION:

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

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number See attached list		API Number Attached
Location of Well		Field or Unit Name McElmo Creek Unit
Footage: See attached list	County: San Juan	Lease Designation and Number 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

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

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input 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	
	<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____		

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

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

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

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

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

(This space for State use only)

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

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APR 24 2006
DIV. OF OIL, GAS & MINING

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

FORM 9

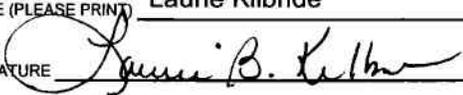
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for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

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

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

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

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

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

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

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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