

UTAH OIL AND GAS CONSERVATION COMMISSION

2-7-94

REMARKS: Shell log - 4 electric logs 9509. Commenced Injection
 *7-22-64 Subsequent Report of squeezing & reperforating
 9-23-64 Subsequent Report of shooting & acidizing
 1-20-69 Station to shoot or acidize, pull or alter casing, multiple
 10-5-80 Capped for water injection
 3-17-69 Subsequent Report of shooting & acidizing & all
 Changing 3.2.84 Operator name change * Operator change 4.24.84

DATE FILED: ~~4-16-58~~ 4-16-58 950803 OPER Name ROM MEPNA
 LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. INDIAN 186576
 DRILLING APPROVED: ~~4-16-58~~ 4-16-58 11-26-63-4032
 SPURRED IN: 5-3-58
 COMPLETED: 5-25-58 * 5-25-64
 INITIAL PRODUCTION: 965 BOPD * 175 BOPD, 6 BOPD * (Commenced
 GRAVITY A. P. I. 386° with 4" x
 GOR: * 1200 (with)
 PRODUCING ZONES: 5353-5471 (DESCR)
 TOTAL DEPTH: 5560'
 WELL ELEVATION: 1541 OF 4539 KB
 DATE ABANDONED:
 FIELD OR DISTRICT: ~~North~~ Greater ANETH McELMO CREEK UNIT
 COUNTY: San Juan
 WELL NO. NAVAJO TRIBE R-1 (McElmo - I-14) API 43-037-16145
 LOCATION: 1980 FT. FROM (N) LINE, 660 FT. FROM (E) LINE. SE 1/4 NE 1/4 QUARTER - QUARTER SEC. 1

TWP.	RG.	SEC.	OPERATOR	TWP.	RG.	SEC.	OPERATOR
------	-----	------	----------	------	-----	------	----------

MOBIL EXPLOR & PROD

UTAH OIL AND GAS CONSERVATION COMMISSION

2-7-94

REMARKS: 9509 COMMENCED INJECTION
 2-7-94
 10-5-88

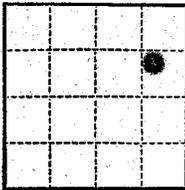
3-2-84 Operator name change * Operator change 4-24-84

DATE FILED: ~~4-16-58~~ N-16-58 950803 OPER Name - ROM MEPA
 LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. INDIAN 186576
 DRILLING APPROVED: ~~4-16-58~~ 4-16-58
 SPURRED IN: 5-3-58
 COMPLETED: 5-25-58 * 5-25-58
 INITIAL PRODUCTION: 905 BOPD * 175 BOPD. 6 BOPD
 GRAVITY A. P. I. 38.6°
 GOR: * 1200
 PRODUCING ZONES: 5353--5471 (DECK)
 TOTAL DEPTH: 5560'
 WELL ELEVATION: 4539.63
 DATE ABANDONED:
 FIELD OR DISTRICT: ~~North~~ Greater ANETH McELMO CREEK UNIT
 COUNTY: San Juan
 WELL NO. NAVAJO TRIBE R-1 (McElmo I-1A) API 43-032-16-145
 LOCATION: 1980 FT. FROM (N) LINE, 660 FT. FROM (E) LINE. SE $\frac{1}{4}$ NE $\frac{1}{4}$ QUARTER - QUARTER SEC. 1

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
58 41 S	24 E	1	MOBIL EXPLOR & PROD •				

GEOLOGIC TOPS:

QUATERNARY	Star Point	Sigbee	HCE	SEC	GE	Bezel
Recent	Wetweap	PERMIAN				Piffot shale
Alluvium	Masuk	Katbab				Madison
Lake beds	Colorado	Coconino				Leadville
Pleistocene	Marcos	Cutler				Redwall
Lake beds	Upper	Hoskinnini E 2272				DEVONIAN
TERTIARY	Middle	DeChelly E 2470				Upper
Pliocene	Lower	White Rim				Middle
Humboldt	Emery	Organ Rock E 2608				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 E 4350				Lynch
Wasatch	Curtis	Upper D zone E 5180				Bowman
Colton	Entrade	Lower B zone E 5348				Tapeats
Flagstaff	Moab tongue	Molas				Ophir
Almy	Carmel	Paradox E 5545				Tintic
Paleocene	Glen Canyon Gr.	A				PRE-CAMBRIAN
Current Creek	Navajo E 580	B				
North Horn	Kayento E 898	C				
CRETACEOUS	Wingate E 915					
Montana	TRIASSIC	Manning Canyon				
Mesaverde	Chinle E 1290	Mississippian				
Price River	Shinarump E 2215	Chainman shale				
Blackhawk	Moenkamp	Humberg				
		Joana limestone				



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Navajo
Contract No. 14-00-003-1032

Allottee _____
Lease No. _____

Lease No. 186376

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)

Navajo Tribe "R" R Fort Worth, Texas, April 14, 1958

Well No. 1 is located 1900 ft. from N line and 660 ft. from E line of sec. 1

SE 1/4 Sec. 1 41-South 24-East SLA
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Rutherford San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4541 ft.

DETAILS OF WORK

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

OBJECTIVE FORMATION	SIZE CASING	CASING PROGRAM (APPROX.)	
		Set at	Cement
Top of Aneth 5340'	8-5/8" (1500')	1500'	1000 BX.
	4-1/2" (5550')	3550'	500 BX.
	24.0# New		
	9.5# New		

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

Company THE TEXAS COMPANY
Address P.O. Box 1720
Fort Worth 1, Texas

By [Signature] H.C. Jones

Title Gen. Supt. Drilling & Production

14

Sec. 35

Sec. 36

T
40
S

Navajo Tribe "Q"

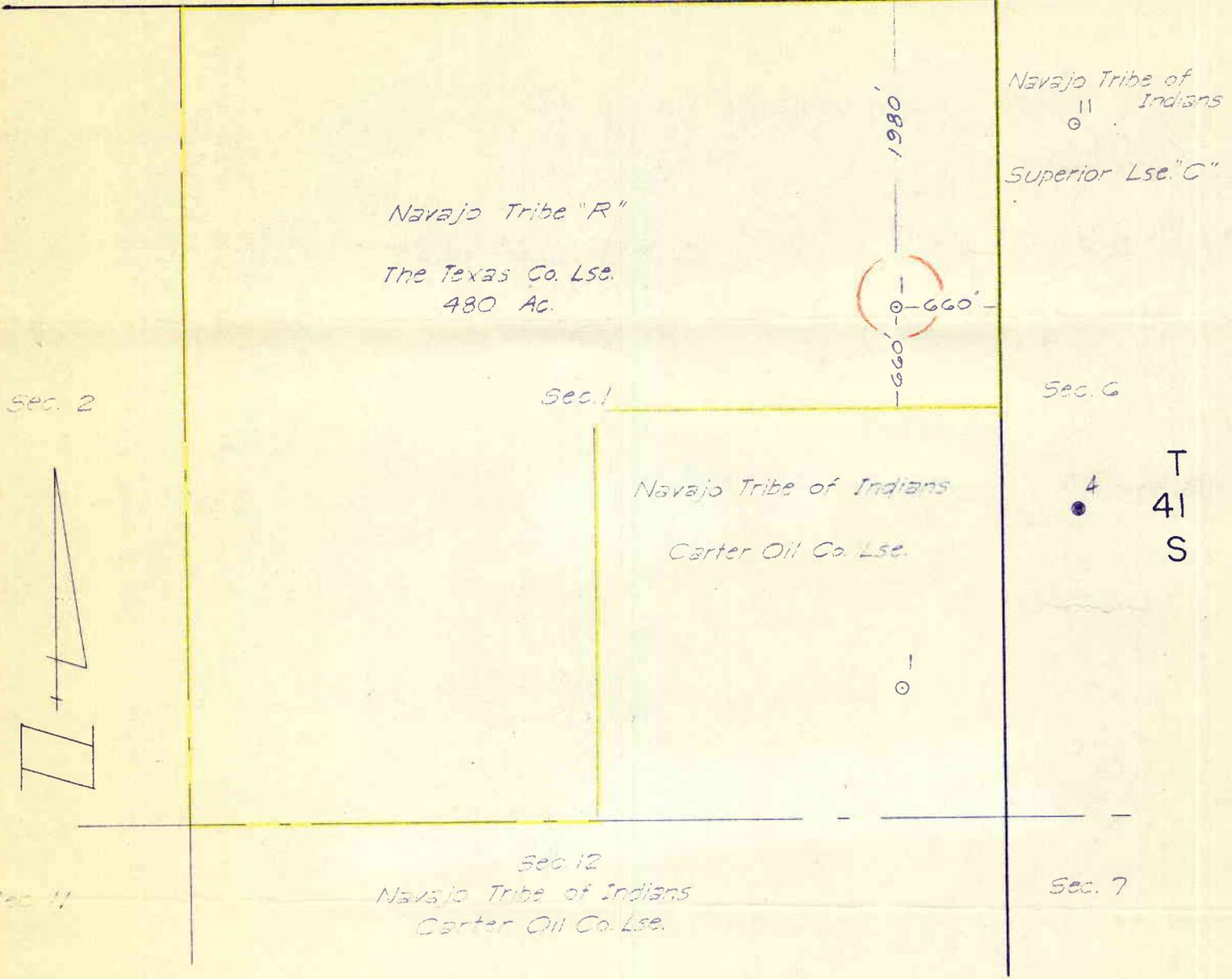
Navajo Tribe of Indians

The Texas Co. Lse.

Western States Lse.

R 24 E

R 25 E



SAN JUAN COUNTY, UTAH
Scale 1"=1000'

This is to certify that the courses, distances and objects reflected on the plat to which this certificate is affixed were observed and compiled under my supervision and, according to my best knowledge and belief, are true and correct.

W. C. Phelps

HEAD DRAFTSMAN - THE TEXAS COMPANY

Subscribed and sworn to this the 14th day of April, A.D. 1958.

Ann Matthews

Notary Public, in and for Tarrant County, Texas.

ANN MATTHEWS

15

April 16, 1958

The Texas Company
P. O. Box 1720
Fort Worth 1, Texas

Attention: W. C. Lenz, General Superintendent
Drilling & Production

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo Tribe R-1, which is to be located 1980 feet from the north line and 660 feet from the east line of Section 1, Township 41 South, Range 24 East, S1EM, San Juan County, Utah.

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

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

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
SECRETARY

CBF:cn

cc: Phil McGrath
USGS, Farmington,
New Mexico

13

(SUBMIT IN TRIPLICATE)

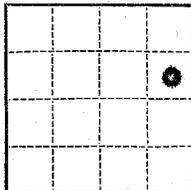
Indian Agency Navajo

Tribal

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. 14-20-603-4032



SUNDRY NOTICES AND REPORTS ON WELLS

21-K
8-11-58

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

August 5, 1958

Navajo Tribe "R"
Well No. 1 is located 1980 ft. from N line and 660 ft. from E line of sec. 1
NE¹ of Sec. 1 41-S 24-E SLM
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Ratherford San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4541 ft.

DETAILS OF WORK

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

Spudded 7:00 P.M., May 3, 1958.

Drilled 17-1/4" hole to 103' and cemented 90' of 13-3/8" O.D. casing at 103' w/125 sacks of cement. Cement circulated.

Drilled 11" hole to 1531' and cemented 1519' of 8-5/8" O.D. casing @ 1531' with 1250 sacks of cement. Cement circulated. Tested casing with 800# pressure for 30 minutes. Tested O.K.

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

Company The Texas Company

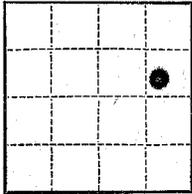
Address Box 817

Farlington, N. M.

By [Signature]

Title Dist. Sup't.

12



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Navajo
Tribal
Allottee _____
Lease No. 14-20-603-4032

Handwritten: 1-14
8-25

SUNDRY NOTICES AND REPORTS ON WELLS

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

Navajo Tribe "R" _____ August 18, _____, 19 58

Well No. 1 is located 1980 ft. from N line and 660 ft. from E line of sec. 1

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

The elevation of the derrick floor above sea level is 4541 ft.

DETAILS OF WORK

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

Drilled 6-3/4" hole to 5560' and cemented 5547' of 4-1/2" O.D. casing at 5557' with 250 sacks of cement. Top of cement 4215'. Tested casing with 1000# pressure for 30 minutes. Tested OK.

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

Company The Texas Company

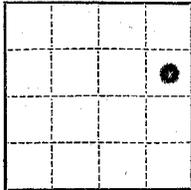
Address Box 817

Farmington, New Mexico

By [Signature]

Title Dist. Supt.

Handwritten: 10
W/



(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. 14-20-603-4032

7-15
825

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	XXX
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
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NOTICE OF INTENTION TO ABANDON WELL			

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

August 18, 1958

Navajo Tribe "R"

Well No. 1 is located 1980 ft. from N line and 660 ft. from E line of sec. 1

NE 1/4 of Sec. 1
(1/4 Sec. and Sec. No.)

41-S
(Twp.)

24-E
(Range)

SLM
(Meridian)

Ratherford
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is 4541 ft.

DETAILS OF WORK

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

Total depth 5560'. Plugged back depth 5541'.

Perforated 4-1/2" casing from 5353' to 5374' 5390' to 5407', 5426' to 5440' and 5450' to 5471' with 4 jet shots per foot. Ran 2" tubing to 5347' with packer set at 5155' and acidized perforations in 3 stages with 7500 gallons regular 15% acid using 1000 gallons fix-a-frac.

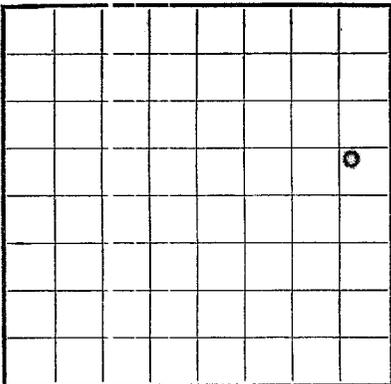
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Texas Company

Address Box 817
Farmington, New Mexico

By [Signature]
Title Dist. Supt.

U. S. LAND OFFICE Navajo
 SERIAL NUMBER 14-20-603-4032
 LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

21-H
 8-25

LOG OF OIL OR GAS WELL

Company The Texas Company Address Box 817, Farmington, N. M.
 Lessor or Tract Navajo Tribe "R" Field Rutherford State Utah
 Well No. 1 Sec. 1 T41-S R. 24-E Meridian SLM County San Juan
 Location 1980 ft. [N] of N. Line and 660 ft. [E] of E. Line of Section 1 Elevation 4541'
(Derrick floor relative to sea level)

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

Signed [Signature]
 Date August 19, 1958 Title Dist. Sup't.

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

Commenced drilling May 3, 1958 Finished drilling May 23, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5353' to 5471' 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 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—	
13-3/8	42	88	I-55	90	None	None			
8-5/8	21	88	I-55	100	None	None			
4-1/2	11.5	88	I-55	50	None	None			
HISLOKA OR OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	103'	125	Halliburton		
8-5/8	1531'	1250	Halliburton		
4-1/2	5557'	250	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material None Length -- Depth set --
 Adapters—Material None Size --

SHOOTING RECORD

FOLD MARK

FOLD MARK

13-3/8	103'	125	Halliburton
8-5/8	1531'	1250	Halliburton
4-1/2	5557'	250	Halliburton

PLUGS AND ADAPTERS

Heaving plug—Material **None** Length **---** Depth set **---**
 Adapters—Material **None** Size **---**

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
None						

TOOLS USED

Rotary tools were used from **0** feet to **5560** feet, and from **---** feet to **---** feet
 Cable tools were used from **None** feet to **---** feet, and from **---** feet to **---** feet

DATES

Put to producing **---**, 19**---**
 Tested **May 26**, 19**---**
 The production for the first 24 hours was **1038** barrels of fluid of which **58%** was oil; **7%** emulsion; **---**% water; and **---**% sediment. Gravity, **93**° Bé.
 If gas well, cu. ft. per 24 hours **---** Gallons gasoline per 1,000 cu. ft. of gas **38.60**
 Rock pressure, lbs. per sq. in. **---**

EMPLOYEES

D. S. Carson, Driller
G. W. Rowlett, Driller
J. R. Newman, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	314	314	Sand & Shale
314	952	638	Sand, Shale & Lime
952	2679	1727	Sand & Shale
2679	4020	1341	Shale
4020	4128	108	Shale & Lime
4128	4366	238	Shale
4366	4557	191	Shale & Lime
4557	4654	97	Sand, Shale & Lime
4654	5263	609	Lime & Shale
5263	5314	51	Lime
5314	5528	214	Lime & Shale
5528	5544	16	Lime
5544	5560	16	Shale
Total Depth		5560'	
Plugged Back Depth		5541'	

FORMATION RECORD—Continued 10-75 1988

FROM—	TO—	TOTAL FEET	FORMATION
			FORMATION TOPS
			Navajo - - - - - 580'
			Kayenta - - - - - 898'
			Wingate - - - - - 915'
			Chinle - - - - - 1290'
			Shinarump - - - - - 2215'
			Hoskinnini - - - - - 2272'
			DeChelly - - - - - 2470'
			Organ Rock - - - - - 2608'
			Hermosa - - - - - 4350'
			Paradox - - - - - 5545'
			Formation tops as per EL.
			HOLE SIZE
			103' - 17-1/4"
			103' to 1531' - 11"
			1531' to 5560' - 6-3/4"

FROM—	TO—	TOTAL FEET	FORMATION
			DEVIATION TESTS
			1500' - 1°
			2112' - 1-1/4°
			2650' - 1-1/4°
			2922' - 1°
			3630' - 1°
			4075' - 1/4°
			4400' - 1°
			4975' - 1/2°
			5250' - 1-1/4°

All measurements from Derrick floor, 10' above ground.

But to producing

LOGS USED

feet to feet, and from feet to feet

feet to feet, and from feet to feet

Size	Serial Number	Depth used	Depth	Date	Depth spot	Depth cleared out

SHOOTING RECORD

Adapters—Materials

Headings—Materials

PLUGS AND ADAPTERS

Size	Serial Number	Depth used	Depth	Date	Depth spot	Depth cleared out

FOLD MARK

FOLD MARK

DATE	DEPTH	TEMPERATURE	WATER	OTHER	REMARKS

MUDDING AND CEMENTING RECORD

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was sidetracked, or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

DATE	DEPTH	TEMPERATURE	WATER	OTHER	REMARKS

CASING RECORD

After drilling to 5560' and cementing 4-1/2" casing, top of cement plug was found to be at 5541' (P.F.T.D.). Perforated 4-1/2" casing from 5353' to 5376', 5390' to 5407', 5426' to 5440' and 5450' to 5471' with 4 jet shots per foot. Ran 2" tubing to 5347' with packer set at 5155' and acidized perforation in 3 stages with 7500 gallons regular 15% acid using 1000 gallons fix-a-frac. After swabbing, well flowed 173 barrels of oil in 4 hours.

(Denote use of a)

OIL OR GAS SANDS OR ZONES

Commenced drilling _____ Entered drilling _____

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

Date _____

so far as can be determined from all available records

The information given hereon is a complete and correct record of the well and all work done thereon

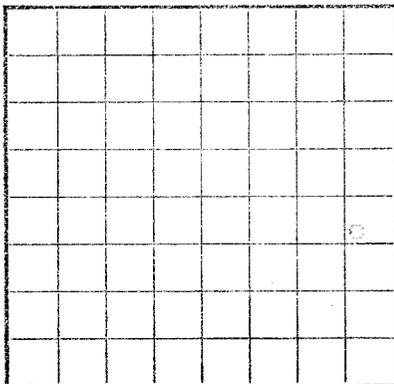
Location _____ of _____ Line and _____ of _____ Line of _____

Well No. _____ Sec. _____ T. _____ R. _____ S. _____

Lesser of _____ Field _____ State _____

Company _____ Address _____

LOCATE WELL CORRECTLY



LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

NAME OF WELL OR PROSPECT _____

SERIAL NUMBER _____

U. S. FIELD OFFICE _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TR
(Other instruct
verse side)

E*
re-

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-4032

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

McElmo Creek Unit

8. FARM OR LEASE NAME

9. WELL NO.

I-14

10. FIELD AND POOL, OR WILDCAT

McElmo Creek

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

SE NE Sec. 1, T41S, R24E

1.

OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

The Superior Oil Company

3. ADDRESS OF OPERATOR

P. O. Drawer 'G', Cortez, Colorado

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

SE NE Sec. 1, T41S, R24E
San Juan County, Utah

14. PERMIT NO.

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

4539 KB

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

Squeeze & Reperforate

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.)*

Will squeeze entire Desert Creek perms: 5353-74, 5390-5407, 5426-40, 5450-71.

Will reperforate and acidize: 5353-74, 5391-5407, 5450-56.

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

SIGNED

C. R. Waller

(This space for Federal or State office use)

TITLE

Production Engineer

DATE

May 6, 1964

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TR. STATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-4032

6. IF INDIAN, ALLOTTED OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

McElmo Creek Unit

8. FARM OR LEASE NAME

9. WELL NO.
I-14

10. FIELD AND POOL, OR WILDCAT
McElmo Creek

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

Sec. 1-T41S, R24E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
THE SUPERIOR OIL COMPANY

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
1980' FNL & 660' FEL
Sec. 1, T41S, R24E
San Juan County, Utah

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4539' K. B.

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

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

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

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

5421' PBTB

- 5-18-64 Squeezed all perms with 275 sacks Halad #9 cmt.
- 5-19-64 Drilled out to 5469'. Perforated 5450-56' & acidized with 850 gal acid. Swabbed to clean up and test. Rate - 6.87 BPH, 15% cut.
- 5-21-64 Perforated 5391-5407' and acidized with 2700 gal acid. Swabbed 10.48 BPH - 95% cut.
- 5-22-64 Squeezed perforations 5391-5407' with 100 sacks Latex cmt. Drilled out to 5421'.
- 5-23-64 Perforated 5391-5407' and acidized with 2700 gal acid. Swabbed 5 BPH - 10% cut.
- 5-24-64 Perforated 5353-74' and acidized with 3700 gal acid. Flowed zone at 17.2 BPH - 11% cut.
- 5-25-64 Put on pump. Job complete.
- 6-6-64 Well test - 175 BO, 6 BW, 1200 GOR

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

SIGNED C. R. Waller TITLE Production Engineer DATE July 22, 1964

(This space for Federal or State office use)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPL
(Other instructions
verse side)

Form approved.
Budget Bureau No. 42-R1424

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-4032
2. NAME OF OPERATOR THE SUPERIOR OIL COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
3. ADDRESS OF OPERATOR P. O. DRAWER 'G', CORTEZ, COLORADO		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 1980' FNL & 660' FEL Section 1, T41S, R24E San Juan County, Utah		8. FARM OR LEASE NAME
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4539' KB	9. WELL NO. #I-14
		10. FIELD AND POOL, OR WILDCAT McElmo Creek
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 1, T41S, R24E
		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 <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

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

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

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

9-15-66 Treated with 10,000 gallons 28% acid.
9-20-66 Pumped 120 bbl oil and 2 bbl water in 24 hrs.

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

SIGNED D. D. Kingman

TITLE Production Engineer

DATE 9/22/66

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

DDK/njh

*See Instructions on Reverse Side

THE SUPERIOR OIL COMPANY

P. O. DRAWER G

CORTEZ, COLORADO, 81321

October 13, 1966

TO ALL WORKING INTEREST OWNERS
McELMO CREEK UNIT

Gentlemen:

Attached is the Unit production report for September 1966.

Production:	Oil	-	285,196 bbl	9,506 BOPD
	Gas	-	267,477 mcf	8,916 mcfpd
	GOR	-	938	

Injection:	Fresh Water	-	1,611,006 bbl	53,700 BWPD
	Produced Water	-	872,840 bbl	29,095 BWPD
	Total	-	2,483,846 bbl	82,795 BWPD

Daily average oil production decreased 387 BOPD from August. The GOR decreased 79 cubic feet per barrel.

MCU well #R-09 was squeezed with 205 sacks, reperforated in Zone I and stimulated with 8000 gallons 28% acid. Production on 9/27/66 was 26 BOPD and 6 BWPD.

Well #V-11 was perforated 5820-30 and all perms were treated with 3000 gallon 28% acid. No production increase resulted from this job.

Well #I-14 was stimulated with 10,000 gallons 28% acid. This job resulted in an increase of only 20 BOPD.

Well #H-20 was stimulated with 12,000 gallon 28% acid for an increase of approximately 60 BOPD.

Well #G-12 was squeezed with 195 sacks cement, perforated in Zone I, and treated with 10,000 gallons 28% acid. This job resulted in approximately a 70 BOPD production increase.

Injection well #B-15 was squeezed with 425 sacks, perforated in Zone I, and treated with 500 gal 28% acid. The well was tied into the injection line and takes approximately 100 BWPD. This well will be stimulated as part of a group treatment with other injection wells.

NOTE: There were 285,196 runs or sales of oil 255,807 MCF of gas sold; no runs or sales of gasoline during the month of Sept. 1966

4

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-4032
2. NAME OF OPERATOR The Superior Oil Company <i>Lefanca</i>		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 Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1980' FNL & 660' FEL Section 1, T41S, R24E San Juan County, Utah		8. FARM OR LEASE NAME McElmo Creek Unit
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4539' KB	9. WELL NO. MCU #I-14
		10. FIELD AND POOL, OR WILDCAT McElmo Creek Field
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NW NE Sec. 1, T41S, R24E
		12. COUNTY OR PARISH 13. STATE San Juan Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input checked="" type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input checked="" type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input checked="" 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"/>	

(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.)*

Well #I-14 is currently producing from the Desert Creek formation only.

We propose to perforate the Lower Ismay interval 5302-5312 with 2 jets per foot treat with 2,000 gallons 28% acid.

Will test Ismay and then produce commingled.

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

SIGNED *D. D. Kingman* TITLE District Engineer DATE Jan 17 1969

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

OGC/nh

*See Instructions on Reverse Side

cc: State, USGS, Franques, Broussard, File

**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.

14-20-603-4032

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

McElmo Creek Unit

8. FARM OR LEASE NAME

McElmo Creek Unit

9. WELLS NO.

MCU #1-14

10. FIELD AND POOL, OR WILDCAT

McElmo Creek Field

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

SE NE Sec. 1, T41S, R24E

12. COUNTY OR PARISH 13. STATE

San Juan Cty, Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

The Superior Oil Company *Hurlbut*

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

1980 FNL & 660' FEL, Section 1, T41S, R24E
San Juan County, Utah

14. PERMIT NO.

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

4539' 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.)*

2/10/69 Perforated Ismay section 5302-5312' with 2 jets per foot.

2/11/69 Treated perfs with 2000 gal 28% acid. Formation broke down at 3500 psi. Pumped at 1.5 BPM, 3000 psi. ISIP 2500#, 800# psi in 5 min. Flowed 11 BPH rate at 200 psi on 24/64" choke.

2/12/69 Flowed 11.3 BPH rate at 135 psi on 28/64" choke.

Now producing commingled with Desert Creek, Zone I.

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

SIGNED

D. D. Kingman
D. D. Kingman

TITLE

District Engineer

DATE

3/17/69

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

OGC/nh State, USGS, Franques, Broussard, Hurlbut, WIO, File

*See Instructions on Reverse Side

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

Attention: Ms. Dianne Nielson, Director

RECEIVED

FEB 0

DIVISION OF OIL
GAS & MINING

RE: NOTICES TO SUPERIOR OIL COMPANY

Dear Ms. Nielson:

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

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

PERMITS ONLY

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

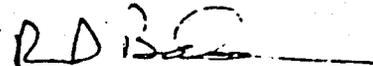
(303) 298-2577

RON

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

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

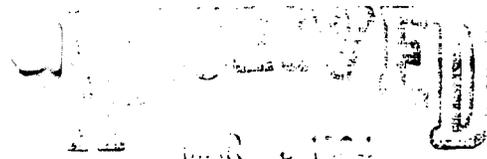
Very truly yours,



R. D. Baker
Environmental & Regulatory Manager - West

Enclosure

SUPERIOR OIL



March 2, 1984

DIVISION OF
OIL, GAS & MINING

Mr. Norm Stout
Utah Division of Oil,
Gas and Mining
4241 State Office Bldg.
Salt Lake City, Utah 84114

Reference: Notice of Change of Operator

Dear Mr. Stout:

Please be advised that Superior Oil Company is the operator of the McElmo Creek Unit. Accordingly, please update your records to reflect Superior as operator of the following wells:

Well Number	API Number	Well Number	API Number
✓ J-23	415 25E 18 43-037-15500	I-14	405 25E 1 43-037-16145
F-20	415 24E 12 15707	I-16	415 24E 1 15497
H-20	415 24E 12 15708	I-18	415 24E 12 15709
✓ M-24	415 25E 18 15513	I-20	415 24E 12 15710
✓ M-18	415 25E 7 15510	K-20	415 25E 7 15503
✓ M-20	415 25E 7 15511	O-08	400 25E 27 16146
✓ M-22	415 25E 18 15512	R-09	405 25E 33 16147
N-19 Injection	41 25E 8 15515	S-12	40 " " 16150
O-18 Injection	412 25E 8 15517	S-14	415 25E 4 16151
P-7 Injection	415 25E 8 15519	S-16	415 25E 4 16152
✓ O-20	415 25E 8 15518	T-09	405 25E 33 16153
Q-18	415 25E 8 15521	T-11	" " " 16154
Q-20	415 25E 8 15522	U-12	" " " 16155
Q-22	415 25E 17 15323	U-14	415 25E 4 16156
C-16	415 24E 2 16266	U-16	" " " 16157
E-14	415 24E 1 16268	R-08	✓ " " " 15329
E-16	415 24E 2 15616	S-05	✓ " " " 15330
E-18	415 24E 11 15706	C-14	415 24E 2 16265
G-14	415 24E 1 16143	F-11	✓ " " " 15617
G-16	415 24E 1 16144	G-12	✓ " " " 15618
G-18	415 24E 12 15494	I-12	✓ " " " 15619

(Navajo R-1)

If you have any questions, please feel free to call me at (713) 751-7593 or Cheryl Shulman at (713) 751-4862.

Very truly yours,

Carol D. Dorrell

C.D. Dorrell
Section Supervisor
Western Oil Revenue

CES/tm

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

8

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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-4032
2. NAME OF OPERATOR MOBIL OIL CORP AS AGENT OF SUPERIOR OIL		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO
3. ADDRESS OF OPERATOR P. O. DRAWER 'G', CORTEZ, CO 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 1980' FNL, 660' FEL		8. FARM OR LEASE NAME -
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) DF: 4538'	9. WELL NO. I-14
		10. FIELD AND POOL, OR WILDCAT GREATER ANETH
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 1, T41S, R24E, 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) CONVERT TO INJECTION	XX	(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 FBTD of 5421'. POOH.
- RIH and set CIBP @ 5330'+. Hydrotest in hole w/ tubing and full bore packer. Set packer at 5260'+ and and squeeze Ismay perms 5302/5312' w/ 75 sx Class B cement.
- RIH w/ bit and 5-1/2" casing scraper. Drill out cement to 5325'+ and test squeeze to 2000 psi for 30 minutes. Resqueeze, CO and retest if required.
- Drill out cement and CIBP at 5330'. CO to 5421'. POOH.
- RIH w/ packer and set @ 5325'+. Acidize Desert Creek Zone I w/ 2000 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 @ 5280'+ and place well on injection.

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

SIGNED D. C. Collins TITLE Sr Staff Op Engr DATE 1/30/86
(This space for Federal or State office use)

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

*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'. All fresh water sands are behind 8-5/8" surface casing which has been cemented around the shoe with cement to surface. Four and one half inch production casing was run to TD and cemented around the shoe with an calculated top of 4109'. 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	1292	Shale
DeChelly	2452	Sandstone
Organ Rock	2608	Shale
Hermosa	4390	Limestone
Ismay	5181	Limestone
Gothic	5339	Shale
Desert Creek	5348	Limestone
Chimney Rock	5544	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 April 1, 1987. 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 I-14

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 surface 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 1-5 & RULE 1-4)

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 I 14 WELL
 SEC. 1 TWP. 41S RANGE 24E
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 1-4)	<input type="checkbox"/>

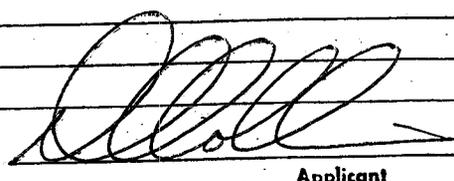
APPLICATION

Comes now the applicant and shows the Corporation Commission the following:

1. That Rule 1-5 (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 I-14</u>	Field <u>Greater Aneth</u>	County <u>San Juan</u>
Location of Enhanced Recovery Injection or Disposal Well <u>1980' FNL, 660' FEL</u>		Twp. <u>41S</u>	Rge. <u>24E</u>
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>132S</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'</u> <u>Desert Creek 5600'</u>	Depth of Injection Interval <u>5353 to 5407</u>	
a. Top of the Perforated Interval: <u>5353</u>	b. Base of Fresh Water: <u>1292</u>	c. Intervening Thickness (a minus b) <u>4061</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? <u>YES</u>			
Lithology of Intervening Zones <u>See item 4 (ii) on Attachment I</u>			
Injection Rates and Pressures Maximum <u>500</u> B/D <u>3700</u> PSI			
The Names and Addresses of Those to Whom Notice of Application Should be Sent. <u>None</u>			

State of Colorado


Applicant

County of Montezuma

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.

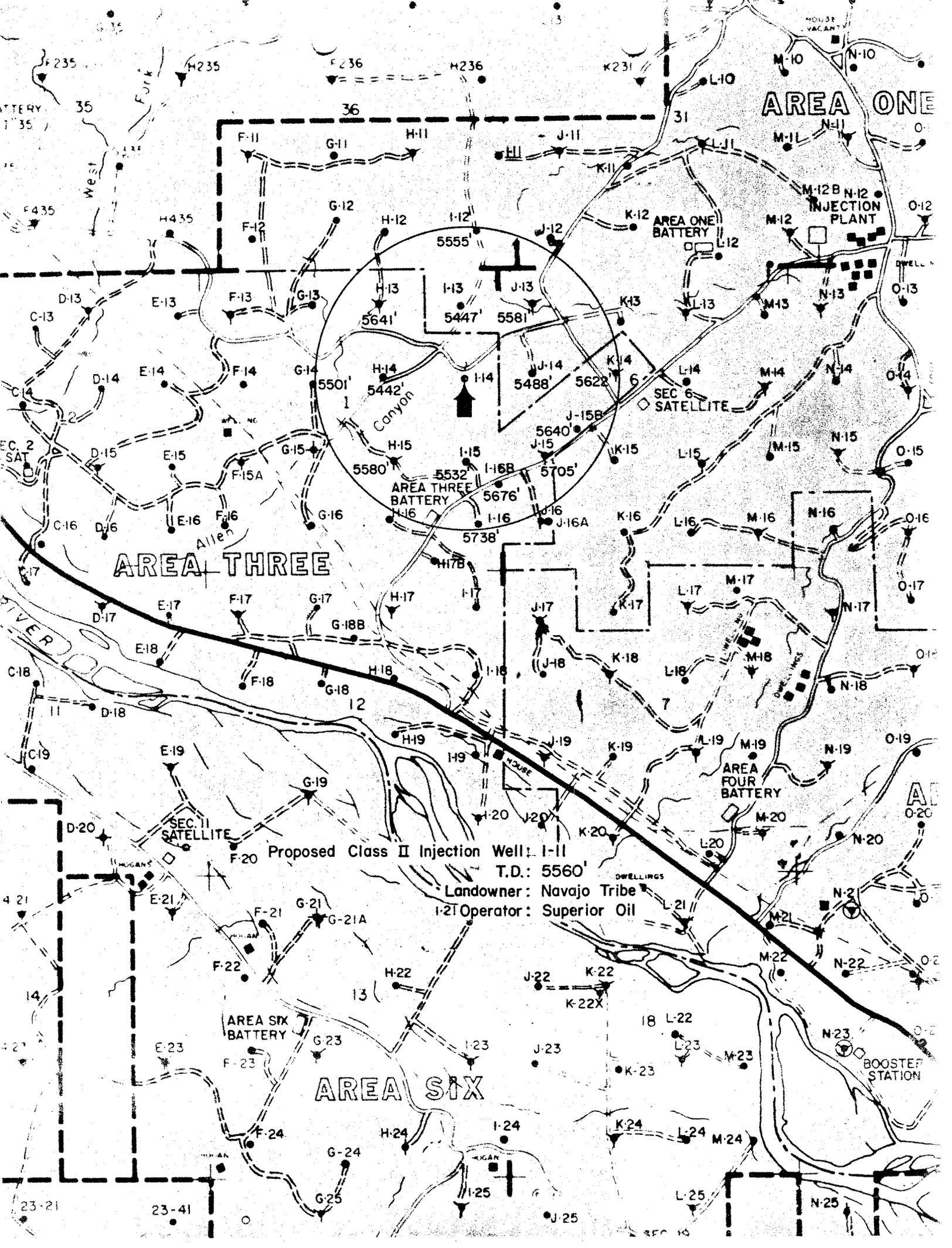
Suscribed and sworn to before me this 3rd day of Feb, 19 86

SEAL _____
 My commission expires 9/9/86 Notary Public in and for Colo

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	1531	1250	Surface	Cement Returns.
Intermediate					
Production	4-1/2	5557	250	4109'	Calculated
Tubing	2.3/8	5280	Name - Type - Depth of Tubing Packer <i>Retrievable 5280</i>		
Total Depth 5560	Geologic Name - Inj. Zone <i>Desert Creek</i>		Depth - Top of Inj. Interval 5353		Depth - Base of Inj. Interval 5407



AREA ONE

AREA THREE

AREA FOUR BATTERY

AREA SIX

Proposed Class II Injection Well: I-11
T.D.: 5560'
Landowner: Navajo Tribe
I-21 Operator: Superior Oil

AREA ONE BATTERY

AREA THREE BATTERY

AREA SIX BATTERY

INJECTION PLANT

BOOSTER STATION

Canyon

SEC 11 SATELLITE

SEC 6 SATELLITE

DWELLINGS

West Fork

BATTERY

EC 2 SAT

RIVER

HOGGANS

AGAN

HOUSE VACANT

(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

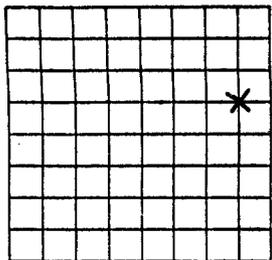
COUNTY
LEASE NO.

COMPLETION & TEST DATA BY PRODUCING FORMATION

1 2 3

API NO. _____

640 Acres
N



Locate Well Correctly
and Outline Lease

COUNTY Sans Juan SEC. _____ TWP. _____ RGE. _____
COMPANY OPERATING Mobil Oil as Agent for Supervisor
OFFICE ADDRESS P.O. Drawer G
TOWN Cortez STATE Co ZIP 81321
FARM NAME McMoro Creek Unit WELL NO. I-14
DRILLING STARTED 5.3 1958 DRILLING FINISHED 5.23 1958
DATE OF FIRST PRODUCTION _____ COMPLETED 5.26.58
WELL LOCATED 1/4 SE 1/4 NE 1/4
660 FT. FROM SW OF 1/4 SEC. & 1980 FT. FROM NW OF 1/4 SEC.
ELEVATION DERRICK FLOOR 4538 GROUND 4529

FORMATION	<u>Desert Creek</u>		
SPACING & SPACING ORDER NO.			
CLASSIFICATION (DISPOSAL WELL, ENHANCED RECOVERY, LP GAS STORAGE)	<u>Enhanced Recovery</u>		
PERFORATED	<u>5353/5471</u>		
INTERVALS			
ACIDIZED?	<u>7500 gal 15% HCl</u>		
FRACTURE TREATED?	<u>No</u>		

TYPE COMPLETION

Single Zone
Multiple Zone _____
Comingled _____

LOCATION EXCEPTION

OIL OR GAS ZONES

Name	From	To	Name	From	To
<u>Irma</u>	<u>5181</u>	<u>5339</u>			
<u>Desert Creek</u>	<u>5348</u>	<u>5544</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>J55</u>	<u>1531</u>	<u>No</u>	<u>1250</u>	<u>389</u>	<u>Surface</u>
<u>4 1/2</u>	<u>9.5</u>	<u>J55</u>	<u>5557</u>	<u>No</u>	<u>250</u>	<u>767</u>	<u>4109</u>

TOTAL DEPTH 5560

PACKERS SET DEPTH Unknown

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

INITIAL TEST DATA

Date	<u>5.26.58</u>		
Oil, bbl./day	<u>965</u>		
Oil Gravity	<u>38.6</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>73</u>		
Pumping or Flowing	<u>Flowing</u>		
CHOKE SIZE	<u>Unknown</u>		
FLOW TUBING PRESSURE	<u>Unknown</u>		

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

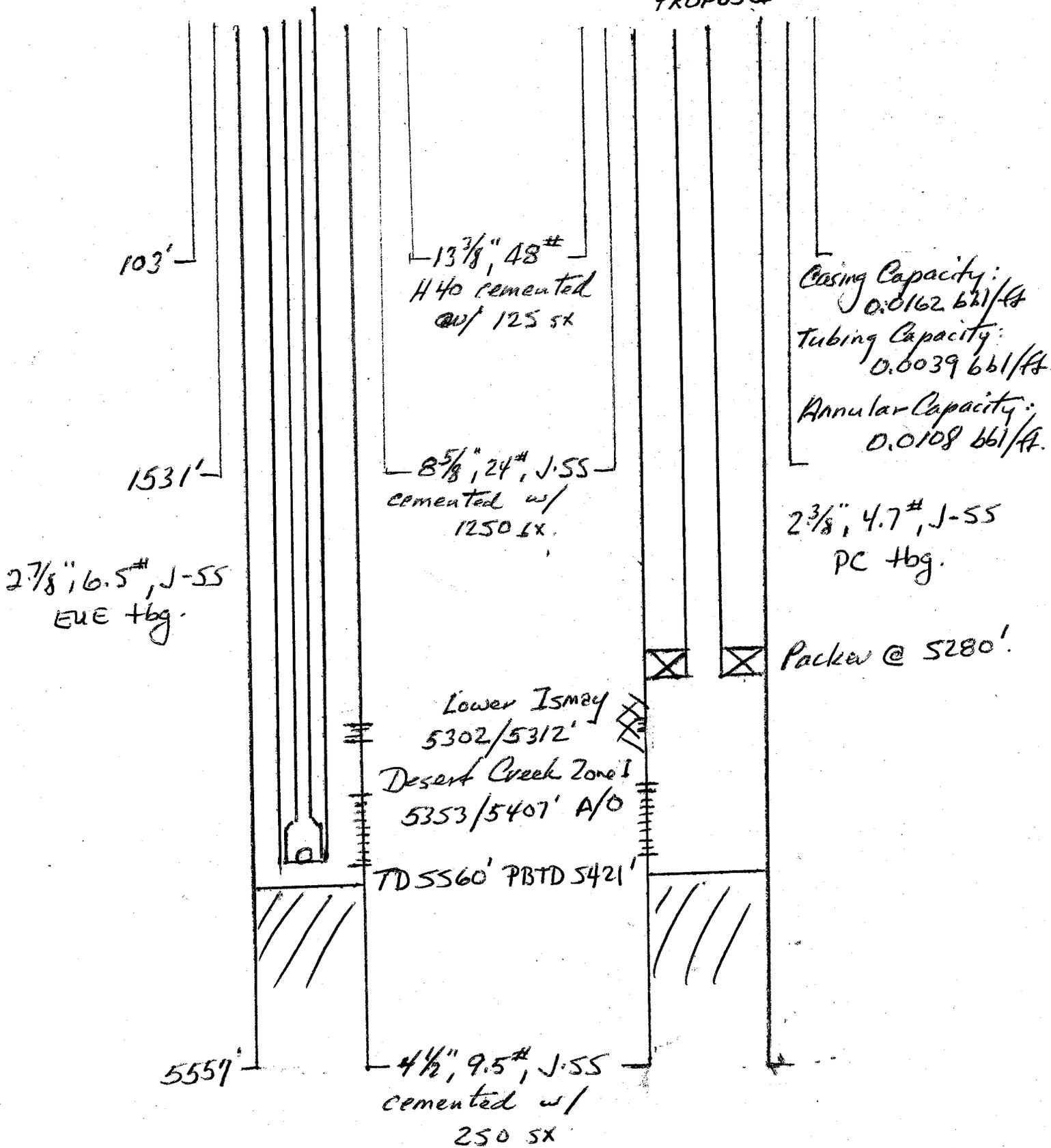
I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.
(303)
Telephone 565-2209 [Signature] Sr Staff Op Engr.
Name and title of representative of company

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

McElmo Creek Unit I-14
 GREATER ANETH FIELD
 SAN JUAN COUNTY, UTAH

CURRENT

PROPOSED





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 Advertizing
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

A handwritten signature in cursive script that reads "Marjorie L. Anderson".

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

Gentlemen:

RE: UIC-076

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Very truly yours,
DIVISION OF OIL, GAS AND MINING

Marjorie L. Anderson
for

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 APPLICATION OF MOBILE 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, Mobile 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

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.

David K. Adams
Notary Public
Residing at Monticello, Utah

My commission expires December 2, 1987



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

Affidavit of Publication

RECEIVED MAR 05 1986

STATE OF UTAH, County of Salt Lake

ss.

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 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: 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 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, 5249' 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 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

r on

Cheryl Gierloff Legal Advertising Clerk

Subscribed and sworn to before me this 3rd day of

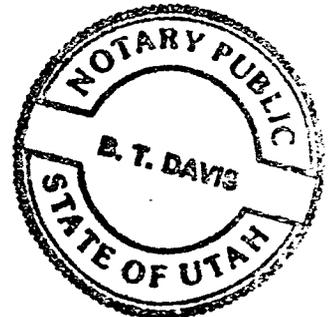
March A.D. 1986

B. J. Davis

Notary Public

My Commission Expires

March 1, 1988



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

-----oo0oo-----
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

-----oo0oo-----

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

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R-09, Sec. 33, T40S, R25E	S-16, Sec. 4, T41S, R25E
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O-10, Sec. 32, T40S, R25E	

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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
MARJORIE L. ANDERSON
Administrative Assistant

Mobil Oil Corporation

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

May 14, 1986

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

Attn: R. J. Firth
Associate Director

RECEIVED
MAY 16 1986

DIVISION OF
OIL, GAS & MINING

SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

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

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

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

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

Very truly yours,



CNE/rd
CNE8661

R. D. Baker
Environmental Regulatory Manager

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	ST A T E A P I N U M B E R	FEDERAL LEASE NUMBER	STATE NUMBER	UNIT NUMBER
MC ELMO CREEK	H-16	SAN JUAN	UT	SW	SE	01-41S-24E	PROD OP	43-037-30366	14-20-603-4039		96-004190
	H-17	SAN JUAN	UT	NW	NE	12-41S-24E	INJ OP	43-037-05605	14-20-603-4039		96-004190
	H-17B	SAN JUAN	UT	SE	SE	1-41S-24E	PROD OP	43-037-30415	14-20-603-4039		96-004193
	H-18	SAN JUAN	UT	SW	NE	12-41S-24E	PROD OP	43-037-30364	14-20-603-4495		96-004190
	H-19	SAN JUAN	UT	NW	SE	12-41S-24E	PROD OP	43-037-20304	14-20-603-4495		96-004190
	H-20	SAN JUAN	UT	SW	SE	12-41S-24E	PROD OP	43-037-15708	14-20-603-5451		96-004190
	H-21	SAN JUAN	UT	NW	NE	13-41S-24E	COMP	43-037-31192	14-20-603-370		96-004190
	H-22	SAN JUAN	UT	SW	NE	13-41S-24E	PROD OP	43-037-15950	99500-603-370		96-004190
	H-23	SAN JUAN	UT	NW	SE	13-41S-24E	COMP	43-037-31193	14-20-603-370		96-004190
	H-24	SAN JUAN	UT	SW	SE	24-41S-24E	PROD TA	43-037-15951	14-20-603-370		96-004190
	H-25	SAN JUAN	UT	NW	NE	24-41S-24E	COMP	43-037-31010	14-20-603-370		96-004190
	H-26	SAN JUAN	UT	SW	NE	24-41S-24E	PROD OP	43-037-15952	14-20-603-370		96-004190
	I-11	SAN JUAN	UT	NE	SE	36-40S-24E	PROD OP	43-037-30358	14-20-0603-6145		96-004190
	I-12	SAN JUAN	UT	SE	SE	36-40S-24E	PROD OP	43-037-15619	14-20-0603-6145		96-004190
	I-13	SAN JUAN	UT	NE	NE	01-41S-24E	PROD OP	43-037-30257	14-20-603-4032		96-004190
	I-14	SAN JUAN	UT	SE	NE	01-41S-24E	PROD OP	43-037-16145	14-20-603-4032		96-004190
	I-15	SAN JUAN	UT	NE	SE	1-41S-24E	PROD OP	43-037-30361	14-20-603-4039		96-004190
	I-16	SAN JUAN	UT	SE	SE	01-41S-24E	PROD OP	43-037-15497	14-20-603-4039		96-004190
	I-16B	SAN JUAN	UT	SW	SW	06-41S-25E	PROD OP	43-037-30417	14-20-603-372		96-004190
	I-17	SAN JUAN	UT	NE	NE	12-41S-24E	PROD OP	43-037-30367	14-20-603-4039		96-004190
	I-18	SAN JUAN	UT	SE	NE	12-41S-24E	PROD OP	43-037-15709	14-20-603-4495		96-004190
	I-19	SAN JUAN	UT	NE	SE	12-41S-24E	PROD OP	43-037-30365	14-20-603-4495		96-004190
	I-20	SAN JUAN	UT	SE	SE	12-41S-24E	INJ OP	43-037-05524	14-20-603-4495		96-004190
	I-21	SAN JUAN	UT	NE	NE	13-41S-24E	PROD OP	43-037-15953	14-20-603-370		96-004190
	I-22	SAN JUAN	UT	SE	NE	13-41S-24E	COMP	43-037-31187	14-20-603-370		96-004190
	I-23	SAN JUAN	UT	NE	SE	13-41S-24E	INJ OP	43-037-16352	14-20-603-370		96-004190
	I-24	SAN JUAN	UT	SE	SE	13-41S-24E	PROD OP	43-037-30180	14-20-603-370		96-004190
	I-25	SAN JUAN	UT	NE	NE	24-41S-24E	INJ OP	43-037-16353	14-20-603-370		96-004190
	J-11	SAN JUAN	UT	NW	SW	31-40S-25E	INJ OP	43-037-16354	14-20-603-372		96-004190
	J-12	SAN JUAN	UT	SW	SW	31-40S-25E	PROD OP	43-037-30342	14-20-603-372		96-004190

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Mobil Oil Corporation

3. ADDRESS OF OPERATOR
P.O. Drawer G, Cortez, Co 81321 DIVISION OF OIL, GAS & MINING

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

14. PERMIT NO. *43-037-16145* 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
DF: 4538'

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) *Convert to Injection*

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.)*

It had originally been planned to convert the subject well to injection during late 1986 or early 1987. Due to economic conditions the work has been delayed and we now plan the work during early 1988. Mobil Oil Corporation therefore requests a one year extension on your approval to convert MCU-I-14 to injection.

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: *4/27/87*
BY: *[Signature]*

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

SIGNED *[Signature]*

TITLE *Sr Staff Geol Engr*

DATE *4.21.87*

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
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.
14-20-603-4032

6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

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

8. Well Name and No.
I-14

9. API Well No.
43-037-16145

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 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)
1980' FNL, 660 FEL SEC. 1 T41S, R24E

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 checked="" type="checkbox"/> Other <u>COMPLETE CONVERSION</u>
	<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.)*

8/13/91 MIRU W/RIG. RIH W/171 JTS CMT. LINED TBG. PKR SET @ 5338'. PRESS. TEST
CSG. TO 1000 PSI/HELD/OK/30 MIN. RD & REL RIG.

RECEIVED
SEP 09 1991
DIVISION OF
OIL GAS & MINING

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

Signed Shirley Todd SHIRLEY TODD Title ENV. & REG. TECH Date 9/3/91

(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
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.
14-20-603-4032

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

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

8. Well Name and No.
I-14

9. API Well No.
43-037-16145

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)

1980 FNL, 660' FEL SEC. 1, T41S, R24E SENE

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

TYPE OF SUBMISSION

- Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

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

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

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

SEE ATTACHMENT

RECEIVED

FEB 14 1994

DIVISION OF
OIL GAS & MINING

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

DATE: 2-15-94

BY: *Matthew*

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

Signed

Shirley Todd

SHIRLEY TODD

Title ENV. & REG. TECHNICIAN

Date 02-07-94

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

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

*See Instruction on Reverse Side

McElmo Creek Unit I-14
Workover Procedure

1. Dig, line and fence a 100+ bbl earth pit or MI 100+ bbl flat bottom open top tank with gas vent line. MIRU coiled tubing unit with 1-1/4" coiled tubing. MI Standby Safety Services (303/565-6391) having 5 Scott 30 minute airpicks, 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 injection pump 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 or flat bottom tank. 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 PSTD at 5440' using injection water at maximum circulating rate at maximum circulating pressure of 5000 psi. Spot 5 bbls of xylene across perforations. POH. 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 5351'-5381', 5391'-5411', and 5420'-5438'. POH. RDMD wireline.
4. RU coiled tubing. Pickle coiled tubing with 3 bbls of 15 percent HCL acid, reverse out to pit or tank and neutralize. RIH with 1-1/4" coiled tubing with perforation wash nozzle. Displace xylene 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. RDMD coiled tubing unit and all surface equipment.
5. Pump out tank or pit and backfill as necessary. Turn well over to production leaving well shut in.

MOBIL OIL CO

Downhole
Service
Center, Inc.

300 Sandstone

505-327-5449 Office

Armington, New

DATE 8/12/91 WELL NO. I-14

LEASE McELMO CREEK

KB 10.5

	LANDING JT 8RD PIN X FS 150 PIN	30 36	2 7/8 TBS = .003870 BBL/FT 4 1/2 CSS = .01554 BBL/FT ANNULAR = .00751 BBL/FT
	2 7/8 FS 150 Pup JT	410	2 7/8 TBS = 20.65 BBLs 2 7/8 x 4 1/2 = 40.07 BBLs TL VOLUME = 60.72 BBLs
	170 JTS 2 7/8 FS 150 PIPE COATED THREADS W/ BAKER SUPER B	5282 81	
			TUBING R.I.H.
			W/ WEATHER FORD TORQUE CONTROL
5327.77	2 7/8 EUE BOX x 2 3/8 EU PIN X-OVER 316 SS	75	PERMIAN ON LOCATION.
5328.52			
5331.37	3 3/4 x 2 3/8 x 1.81 "F" HEL ONE OFF TOOL 316 SS	2 85	
5332.87	MODEL "B" DOWNHOLE SHUT OFF VALVE 825 INCOLOY	1 50	
5338.67	4 1/2 BAKER INVERTED LOK SET PACKER W/ 6 PE SYSTEM 825 INCOLOY	5 80	
	TOTAL TBS & TOOLS	5328 17	
	KB ADJUSTMENT	5338 67	
	5353 - 5438'	39,980 #	
	HOKLOAD	5330	HOLE DEY
		34,785 #	HOLE FULL
	PACKER SET 12,000 #		Compression

PBTD 5440'

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT - " for such proposals

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

5. Lease Designation and Serial No.
14-20-603-4032

6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

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

8. Well Name and No.
MCELMO CREEK UN I-14

9. API Well No.
43-037-16145

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)

1980' FNL, 660' FEL; SEC 1 T41S, R24E

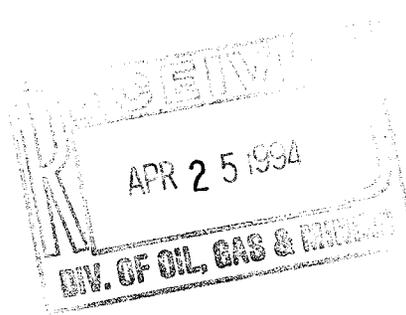
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

03-31-94 MIRU. SPOT 5 BBLs XYLENE ACROSS PERS F/5351-5438'. PERF @ 5392-5410', 5351-81' W/6 SPF.



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

Signed Shelby Dada

Title ENV. & REG. TECHNICIAN

Date 04/18/94

(This space for Federal or State office use)

Approved by _____

Title _____

Date tax credit
8/8/94

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.

* See Instruction on Reverse Side



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION VIII
999 18th STREET - SUITE 500
DENVER, COLORADO 80202-2405

13 005

MINING

UNDERGROUND INJECTION CONTROL PROGRAM
FINAL PERMIT

Class II Enhanced Recovery Well

Permit No. UT2531-02694

Well Name: MCU #I-14

Field: McElmo Creek Field Unit

County & State: San Juan County, Utah

issued to:

Mobil Exploration & Producing U.S. Inc.

P.O. Box 633

Midland, Texas 79702

Date Prepared: April 3, 1991

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43-037-16145

PART I. AUTHORIZATION TO CONSTRUCT AND INJECT

Pursuant to the Underground Injection Control Regulations of the U.S. Environmental Protection Agency codified at Title 40 of the Code of Federal Regulations, Parts 124, 144, 146, and 147,

Mobil Exploration & Producing U.S. Inc.
P.O. Box 633
Midland, Texas 79702

is hereby authorized to convert an existing Greater Aneth Field oil production well, commonly known as McElmo Creek Unit #I-14, located on the Navajo Indian Reservation in the SE quarter of the NE quarter of Section 1, Township 41S, Range 24E in San Juan County, Utah, into service as a Class II enhanced recovery injection well. Injection shall be for the purpose of enhanced recovery of oil by the alternate injection of produced water and carbon dioxide (WAG process) into portions of the Desert Creek Limestone Formation in accordance with conditions set forth herein.

Injection activities shall not commence until the operator has fulfilled all applicable conditions of this permit and has received written authorization from the Director. "Prior to Commencing Injection" requirements are set forth in Part II, Section C. 1. of this permit.

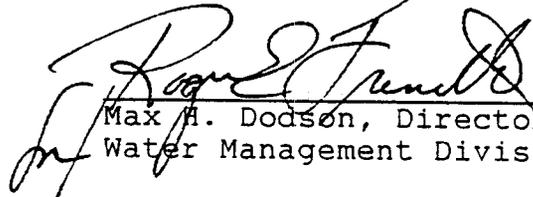
All conditions set forth herein refer to Title 40 Parts 124, 144, 146, and 147 of the Code of Federal Regulations and are regulations that are in effect on the date that this permit becomes effective.

This permit consists of a total of thirty-one (31) pages and includes all items listed in the Table of Contents. Further, it is based upon representations made by the permittee and on other information contained in the administrative record. It is the responsibility of the permittee to read and understand all provisions of this permit.

This permit and the authorization to inject are issued for the operating life of the well, unless terminated (Part III, Section B.), or except on automatic expiration due to prolonged postponement of construction (Part II, Section A. 6.). The permit shall be reviewed by EPA at least every five (5) years to determine whether action under 40 CFR 144.36 (a) is warranted. The permit will expire upon delegation of primary enforcement responsibility for the UIC Program to the Navajo Indian Tribe and/or the Utah Division of Oil, Gas, and Mining unless either the Tribe or the Utah Division of Oil, Gas, and Mining has adequate authority, and chooses, to adopt and enforce this permit as a Tribal or State permit.

Issued this 9th day of APRIL, 1991.

This permit shall become effective APRIL 9, 1991.



Max A. Dodson, Director
Water Management Division *

* NOTE: The person holding this title is referred to as the "Director" throughout this permit.

PART II. SPECIFIC PERMIT CONDITIONS

A. WELL CONSTRUCTION

1. Casing and Cementing. The existing construction history and well schematic of the currently producing oil well, together with the proposed conversion construction details and schematic submitted with the application are hereby incorporated into this permit as Appendix A, and shall be binding on the permittee. The conductor and surface casing have been cemented to surface providing suitable protection through the base of the lower-most underground source of drinking water (USDW) Wingate Formation and into the top of the Chinle Formation at approximately 1,500 feet Kelly Bushing (KB). All cement used in the prior construction of the well was designed for the life expectancy of the well. The existing Desert Creek oil production well is proposed to be converted to alternate water-and-gas (WAG) injection service with appropriate modifications of the existing construction.

The proposed Conversion Rework Procedure of the existing, oil production well is minimal and is included in Appendix A. The existing Desert Creek Formation production perforations (5,353-5,374' and 5,391-5,407' KB) have already been injectivity tested and are ready for injection service.

2. Tubing and Packer Specifications. Two and three-eighths (2 3/8)-inch diameter injection tubing will be utilized with an appropriate water/carbon dioxide (CO₂) injection packer set at approximately 5,280' KB (as shown in Appendix A) inside the 5 1/2-inch long string casing; the casing/tubing annulus will be filled with corrosion-inhibited fluid. Injection between the outermost casing protecting the underground sources of drinking water (USDWs) and the wellbore is prohibited.

3. Formation Logging and Testing. The tubing/casing annulus will be **mechanical integrity tested** upon recompletion to injection service. No additional formation logging or testing will be required prior to authorization to inject.

4. Monitoring Devices. The operator shall provide at the time of well conversion and maintain in good operating condition:

- (a) A tap on the discharge line between the injection pump and the wellhead for the purpose of obtaining representative samples of the injection fluids;

- (b) Two, one-half (1/2) inch FIP fittings, isolated by plug or globe valves, and positioned to provide for either (1) the permanent attachment of one-half (1/2) inch MIP gauges, or (2) the attachments for equivalent "quick-disconnect" gauges at the wellhead on the injection tubing and on the tubing/casing annulus. The gauges used shall be of a design to provide (1) a full pressure range of 100 percent greater than the anticipated operating pressure, and (2) a certified deviation accuracy of five (5) percent or less; and
- (c) A non-resettable flow meter with measured cumulative volumes that are certified for a deviation accuracy of five (5) percent or less throughout the range of injection rates allowed by the permit.

5. Proposed Changes and Workovers. The permittee shall give advance notice to the Director, as soon as possible, of any planned physical alterations or additions to the permitted injection well. In addition, the permittee shall provide all records of well workovers, logging, or other subsequent test data, including required mechanical integrity testing, to EPA within sixty (60) days of completion of the activity. Appendix B contains samples of the appropriate reporting forms.

Demonstration of mechanical integrity shall be performed within thirty (30) days of completion of any workovers or alterations and prior to resuming injection activities, in accordance with Part II, Section C.2.(a).

6. Postponement of Conversion. If the well is not completed, for injection service, within one (1) year from the effective date of this permit, authorization to inject will automatically expire, unless the permittee requests an extension. The request shall be made to the Director in writing, in lieu of the annual reporting requirements of Part II, Section D. 4., and shall state the reasons for the delay in construction and confirm the protection of all USDWs. The extension under this section may not exceed one year. Financial responsibility shall be maintained during the period of inactivity in accordance with Part II, Section F in the event the operator does not properly plug and abandon (P&A) the well upon expiration of the effective/extension date. Once authorization to inject expires under this part, the full permitting process, including opportunity for public comment, must be repeated before authorization to inject will be re-issued.

B. CORRECTIVE ACTION

There are seven (7) Mc Elmo Creek Unit (MCU) oil production wells (#H-14, #H-16, #I-13, #I-15, #I-16B, #J-14, and #J-15B) and eight (8) Mc Elmo Creek Unit (MCU) water injection wells (#G-14, #H-13, #H-15, #I-12, #I-16, #J-13, #J-15, and #K-14) within the one-half-mile-radius Area Of Review (AOR) of the proposed MCU injection well #I-14. All fifteen (15) of these wells are adequately cemented through the proposed Desert Creek Formation injection interval and the respective confining zones, such that no USDW's will be endangered.

Therefore, the permittee will not be required to take corrective action on any of these fifteen wells (seven oil production wells and eight water injection wells) within the one-half-mile-radius area of review (AOR).

C. WELL OPERATION

1. Prior to Commencing Injection. Injection operations may not commence until the permittee has complied with items (a) and (b) as follows:

- (a) All conversion construction is complete, and the permittee has submitted a completed Well Rework Record, (Form 7520-12 in Appendix B); and
 - (i) The Director has inspected or otherwise reviewed the newly converted injection well and notified the operator that it is in compliance with the conditions of the permit; or
 - (ii) The permittee has not received notice from the Director of his or her intent to inspect or otherwise review the new injection well within thirteen (13) days of the date of the Well Rework Record in paragraph (a) of this permit condition in which case prior inspection or review is waived and the permittee may commence injection. [Note: However, in all circumstances, item (b) below must also be satisfied.]; and
- (b) The permittee demonstrates that the well has mechanical integrity in accordance with 40 CFR 146.8 and has received notice from the Director that such a demonstration is satisfactory. The permittee shall notify EPA thirty (30) days prior to conducting this test so that a representative may be present to observe the test.

2. Mechanical Integrity. (Subsequent to Initial Demonstration)

- (a) Method of Demonstrating Mechanical Integrity. A demonstration of the absence of significant leaks in the casing, tubing and/or packer must be made by performing a **tubing/casing annulus pressure test.** This test shall be for a minimum of 45 minutes at: 1) a pressure of 300 psig measured at the surface, if the well is shut-in, or 2) a pressure differential of 200 psig between the tubing pressure and the tubing/casing annulus pressure, if injection activities are continued during the test. The tubing/casing annulus shall be filled with a non-corrosive fluid (either a non-toxic liquid or the injection liquid) at least 24 hours in advance of the test. Pressure values shall be recorded at five-minute intervals or less. A well passes the mechanical integrity test if there is less than a ten (10) percent decrease in pressure over the 45 minute period.
- (b) Schedule for Demonstrations of Mechanical Integrity. A demonstration of mechanical integrity shall be made at regular intervals, no less frequently than **every five (5) years** from the effective date of this permit, in accordance with 40 CFR 146.8 and paragraph (a) above, unless otherwise modified. Initiation of mechanical integrity demonstrations will be according to the following provisions.
- (i) It shall be the permittee's responsibility to arrange and conduct the routine five-year demonstrations. The permittee shall notify the Director of his intent to demonstrate mechanical integrity at least thirty (30) days prior to each such demonstration. Results of the test shall be submitted to the Director as soon as possible but no later than sixty (60) days after the demonstration.
- (ii) In addition to any demonstration made under paragraph (i) above, the Director may require a demonstration of mechanical integrity at any time during the permitted life of the well.
- (c) Loss of Mechanical Integrity. If the well fails to demonstrate mechanical integrity during a test, or a **loss of mechanical integrity** as defined by 40 CFR 146.8 becomes evident during operation, the permittee shall notify the Director in accordance with Part III, Section E. 10. of this permit. Furthermore, injection activities shall be terminated immediately;

and operation shall not be resumed until the permittee has taken necessary actions to restore integrity to the well and EPA gives approval to recommence injection.

3. Injection Intervals. Injection shall be permitted for portions of the Desert Creek Formation in the subsurface interval of approximately 5,353-5,374' and 5,391-5,407' KB. Injection perforations may be added or squeezed-off so long as they are within the entire Desert Creek Formation interval, and any reworking of the well is properly reported (EPA Form 7520-12) and the well is mechanically integrity tested.

4. Injection Pressure Limitation.

- (a) Injection pressure measured at the surface, shall not exceed 2,925 pounds per square inch (psig), as calculated from Desert Creek Formation bottomhole fracture pressure information submitted by the permittee.
- (b) The injection pressure limitation in paragraph (a) may be increased by the Director if the fracture pressure of the injection formation will not be exceeded, and the permittee demonstrates that the proposed increase in surface injection pressure is necessary to overcome friction losses in the system. This demonstration shall be made by performing a valid step-rate injection test in the respective proposed injection zone(s). The Director will determine any allowable increase based upon the step-rate test results and other parameters reflecting actual injection operations.
- (c) The permittee shall give thirty (30) days advance notice to the Director if the increase in paragraph (b) will be sought. Details of the proposed test shall be submitted at least seven (7) days in advance of the proposed test date so that the Director has adequate time to review and approve the test procedures. Results of all tests shall be submitted to the Director within ten (10) days of the test for his approval, in writing, before the permittee may begin continuous operation at an increased pressure.
- (d) Any approval granted by the Director for the increased pressure limitations as stated in paragraph (b) shall be made part of this permit by minor modification without further opportunity for public comment.

5. Injection Volume (Rate) Limitation.

There shall be no limitation of the daily volume of water (produced Desert Creek brine and/or makeup water) and/or CO₂ which can be injected for enhanced recovery into the Desert Creek Formation in this well. However, in no case shall injection pressure exceed that limit shown in Part II, Section C.4.(a) of this permit.

6. Injection Fluid Limitation. The permittee shall not inject any hazardous substances, as defined by 40 CFR 261, at any time during the operation of the facility. Fluids to be injected other than the enhanced recovery injection fluids shall be limited to occasional minor amounts of well treatment fluids, such as dilute and spent acids, corrosion inhibiting fluids, etc., as related to oil and/or gas production in the McElmo Creek Field area. Such fluid additives contained in the produced fluids shall also be identified and reported along with the routine annual report information in D.1.(a)(i) below. The source of any fluids other than those explicitly allowed by the permit must be reported to the Director within thirty (30) days of any change in injection fluids. Further, any disposal of unused chemicals (such as stimulation fluids, acids, paints, solvents, etc.) used motor oil and field generated sanitary waste is not allowed.

7. Annular Fluid. The annulus between the tubing and the casing shall be filled with a corrosion inhibiting solution; the industry-acceptable solution proposed by the permittee is approved by the Director.

D. MONITORING, RECORDKEEPING, AND REPORTING OF RESULTS

1. Injection Well Monitoring Program. Samples and measurements shall be representative of the monitored activity. The permittee shall utilize the applicable analytical methods described in Table I of 40 CFR 136.3, or in Appendix III of 40 CFR Part 261, or in certain circumstances, by other methods that have been approved by the EPA Administrator. Monitoring shall consist of:

- (a) Analysis of the injection fluids, performed:
 - (i) annually for Total Dissolved Solids, major ions, pH, Specific Conductivity, and Specific Gravity; and,
 - (ii) whenever there is a change in the source of injection fluids.

- (b) Weekly observations of injection pressure, flow rate annulus pressure, and cumulative volume. At least one observation of injection pressure, volume flow rate, annulus pressure, and cumulative volume, shall be recorded at regular intervals no greater than thirty (30) days.

2. Monitoring Information. Records of any monitoring activity required under this permit shall include:

- (a) The date, exact place, the time of sampling or field measurements;
- (b) The name of the individual(s) who performed the sampling or measurements;
- (c) The exact sampling method(s) used to take samples;
- (d) The date(s) laboratory analyses were performed;
- (e) The name of the individual(s) who performed the analyses;
- (g) The results of such analyses.

3. Recordkeeping.

- (a) The permittee shall retain records concerning:
 - (i) the nature and composition of all injected fluids until three (3) years after the completion of plugging and abandonment which has been carried out in accordance with the Plugging and Abandonment Plan shown in Appendix C, and is consistent with 40 CFR 146.10.
 - (ii) all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation and copies of all reports required by this permit for a period of at least five (5) years from the date of the sample, measurement or report throughout the operating life of the well.
- (b) The permittee shall continue to retain such records after the retention period specified in paragraphs (a) (i) and (a) (ii) unless he delivers the records to the Director or obtains written approval from the Director to discard the records.

- (c) The permittee shall maintain copies (or originals) of all **pertinent monthly observation records** [Part II., Section D.1.(b)] available for inspection at the lease facility.

4. Reporting of Results. The permittee shall submit an **Annual Report** to the Director summarizing the results of the monitoring required by Part II, Section D. 1. of this permit. Copies of all monthly records on injected fluids, and any major changes in characteristics or sources of injected fluid shall be included in the Annual Report. The first Annual Report shall cover the period from the effective date of the permit through December 31. Subsequently, the Annual Report shall cover the period of January 1 through December 31, and shall be submitted by **February 15 of the following year**. Appendix B contains Form 7520-11 which may be copied and used to submit the annual summary of monitoring.

E. PLUGGING AND ABANDONMENT

1. Notice of Plugging and Abandonment. The permittee shall notify the Director forty-five (45) days before abandonment of the well.

2. Plugging and Abandonment Plan. The permittee shall plug and abandon the well as provided in the Plugging and Abandonment Plan, Appendix C. EPA reserves the right to change the manner in which the well will be plugged if the well is modified during its permitted life or if the well is not made consistent with EPA requirements for construction and mechanical integrity. The Director may require the permittee to estimate and to update the estimated plugging cost periodically. Such estimates shall be based upon costs which a third party would incur to plug the well according to the plan.

3. Cessation of Injection Activities. After a cessation of operations of two (2) years, the permittee shall plug and abandon the well in accordance with the Plugging & Abandonment Plan, unless he:

- (a) has provided notice to the Director, and
- (b) has demonstrated that the well will be used in the future, and
- (c) has described actions or procedures, satisfactory to the Director, that will be taken to ensure that the well will not endanger underground sources of drinking water during the period of temporary abandonment.

4. Plugging and Abandonment Report. Within sixty (60) days after plugging the well, the permittee shall submit a report

on Form 7520-13 to the Director. The report shall be certified as accurate by the person who performed the plugging operation and the report shall consist of either: (1) a statement that the well was plugged in accordance with the plan, or (2) where actual plugging differed from the plan, a statement specifying the different procedures followed.

F. FINANCIAL RESPONSIBILITY

1. Demonstration of Financial Responsibility. The permittee is required to maintain financial responsibility and resources to close, plug and abandon the injection well as provided in the plugging and abandonment plan.

- (a) The permittee shall **submit financial statements and other information annually**, or as required by EPA, in order to demonstrate that its financial position remains sound, and that it continues to have adequate financial resources, as determined by EPA to close, plug, and abandon the injection wells in accordance with the approved plugging and abandonment plan.
- (b) If financial statements or other information indicate that the permittee no longer has financial resources, according to EPA criteria, to assure that the injection wells will be properly plugged and abandoned, then the permittee must **make an alternate showing of financial responsibility**. This showing must be acceptable to the Director and must be submitted within sixty (60) days after having been notified by EPA of the necessity for making an alternate showing of financial responsibility.
- (c) The permittee may, upon his own initiative and upon written request to EPA, change the method of demonstrating financial responsibility from financial statement coverage to a financial instrument such as a bond, letter of credit, or trust fund. Any such change must be approved by the Director.

2. Insolvency of Financial Institution. In the event that an alternate demonstration of financial responsibility has been approved under (b) or (c) above, the permittee must submit an alternative demonstration of financial responsibility acceptable to the Director within sixty (60) days after either of the following events occur:

- (a) the institution issuing the trust or financial instrument files for bankruptcy; or
- (b) the authority of the trustee institution to act as trustee, or the authority of the institution issuing the financial instrument, is suspended or revoked.

PART III. GENERAL PERMIT CONDITIONS

A. EFFECT OF PERMIT

The permittee is allowed to engage in underground injection in accordance with the conditions of this permit. The permittee, as authorized by this permit, shall not construct, operate, maintain, convert, plug, abandon, or conduct any other injection activity in a manner that allows the movement of fluid containing any contaminant into underground sources of drinking water, if the presence of that contaminant may cause a violation of any primary drinking water regulation under 40 CFR Part 142 or otherwise adversely affect the health of persons. Any underground injection activity not authorized in this permit or otherwise authorized by permit or rule is prohibited. Issuance of this permit does not convey property rights of any sort or any exclusive privilege; nor does it authorize any injury to persons or property, any invasion of other private rights, or any infringement of State or local law or regulations. Compliance with the terms of this permit does not constitute a defense to any enforcement action brought under the provisions of Section 1431 of the Safe Drinking Water Act (SDWA) or any other law governing protection of public health or the environment for any imminent and substantial endangerment to human health or the environment, nor does it serve as a shield to the permittee's independent obligation to comply with all UIC regulations.

B. PERMIT ACTIONS

1. Modification, Reissuance, or Termination. The Director may, for cause or upon request from the permittee, modify, revoke and reissue, or terminate this permit in accordance with 40 CFR Sections 124.5, 144.12, 144.39, and 144.40. Also the permit is subject to minor modifications for cause as specified in 40 CFR Section 144.41. The filing of a request for a permit modification, revocation and reissuance, or termination or the notification of planned changes or anticipated noncompliance on the part of the permittee does not stay the applicability or enforceability of any permit condition.

2. Conversions. The Director may, for cause or upon a request from the permittee, allow conversion of the well from a Class II injection well to a non-Class II well. Requests to convert the injection well from its Class II status to a non-Class II well, such as a production well, must be made in writing to the Director. Conversion may not proceed until a permit modification indicating the conditions of the proposed conversion is received by the permittee. Conditions of the modification may include such

items as, but is not limited to, approval of the proposed well rework, follow-up demonstration of mechanical integrity, and well-specific monitoring and reporting following the conversion.

3. Transfers. This permit is not transferrable to any person except after notice is provided to the Director and the requirements of 40 CFR 144.38 are complied with. The Director may require modification, or revocation and reissuance, of the permit to change the name of the permittee and incorporate such other requirements as may be necessary under the SDWA.

C. SEVERABILITY

The provisions of this permit are severable, and if any provision of this permit or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.

D. CONFIDENTIALITY

In accordance with 40 CFR Part 2 and 40 CFR 144.5, any information submitted to EPA pursuant to this permit may be claimed as confidential by the submitter. Any such claim must be asserted at the time of submission by stamping the words "confidential business information" on each page containing such information. If no claim is made at the time of submission, EPA may make the information available to the public without further notice. If a claim is asserted, the validity of the claim will be assessed in accordance with the procedures in 40 CFR Part 2 (Public Information). Claims of confidentiality for the following information will be denied:

- The name and address of the permittee, and
- Information which deals with the existence, absence, or level of contaminants in drinking water.

E. GENERAL DUTIES AND REQUIREMENTS

1. Duty to Comply. The permittee shall comply with all conditions of this permit, except to the extent and for the duration such noncompliance is authorized by an emergency permit. Any permit noncompliance constitutes a violation of the SDWA and is grounds for enforcement action, permit termination, revocation and reissuance, or modification. Such non-compliance may also be grounds for enforcement action under the Resource Conservation and Recovery Act (RCRA).

2. Penalties for Violations of Permit Conditions. Any person who violates a permit requirement is subject to civil penalties, fines, and other enforcement action under the SDWA and may be subject to such actions pursuant to the RCRA. Any person who willfully violates permit conditions may be subject to criminal prosecution.

3. Need to Halt or Reduce Activity not a Defense. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

4. Duty to Mitigate. The permittee shall take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with this permit.

5. Proper Operation and Maintenance. The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of this permit.

6. Duty to Provide Information. The permittee shall furnish the Director, within a time specified, any information which the Director may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The permittee shall also furnish to the Director, upon request, copies of records required to be kept by this permit.

7. Inspection and Entry. The permittee shall allow the Director, or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to:

- (a) **Enter upon the permittee's premises** where a regulated facility or activity is located or conducted, or where records are kept under the conditions of this permit;
- (b) **Have access to and copy, at reasonable times, any records** that must be kept under the conditions of this permit;

- (c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and
- (d) Sample or monitor, at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the SDWA any substances or parameters at any location.

8. Records of the Permit Application. The permittee shall maintain records of all data required to complete the permit application and any supplemental information submitted for a period of five (5) years from the effective date of this permit. This period may be extended by request of the Director at any time.

9. Signatory Requirements. All reports or other information requested by the Director shall be signed and certified according to 40 CFR 144.32.

10. Reporting of Noncompliance.

- (a) Anticipated Noncompliance. The permittee shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- (b) Compliance Schedules. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than thirty (30) days following each schedule date.
- (c) Twenty-four Hour Reporting.
 - (i) The permittee shall report to the Director any noncompliance which may endanger health or the environment. Information shall be provided orally within twenty-four (24) hours from the time the permittee becomes aware of the circumstances by telephoning EPA at (303) 293-1413 (during normal business hours) or at (303) 293-1788 (for reporting at all other times). The following information shall be included in the verbal report:
 - (A) Any monitoring or other information which indicates that any contaminant may cause endangerment to an underground source of drinking water.

- (B) Any noncompliance with a permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.
- (ii) A written submission shall also be provided within five (5) days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.
- (d) Other Noncompliance. The permittee shall report all other instances of noncompliance not otherwise reported at the time monitoring reports are submitted. The reports shall contain the information listed in Part III, Section E. 10. (C) (ii) of this permit.
- (e) Other Information. Where the permittee becomes aware that he failed to submit any relevant facts in the permit application, or submitted incorrect information in a permit application or in any report to the Director, the permittee shall submit such facts or information within two (2) weeks of the time such information became known to him.

APPENDIX A - (Construction Procedures)

Existing/Converted Construction Schematic

1980' FNL, 660' FEL
SE/NE SEC. 1, T41S, R24E
SAN JUAN COUNTY, UTAH

McELMO CREEK UNIT 1-14

KB ELEV: 4539'
CURRENT WELLCORE

- 0 - 103' 13 3/8" OD 12.615" ID 48#/11 H 40 Casing
- 0 - 1531' 8 5/8" OD 8.097" ID 24#/11 J 55 Casing

0 - 103' Hole Size = 16.875"

103' - 1531' Hole Size = 12.25"

0 - 2075' 7/8" Rods

2075 - 5375' 3/4" Rods

5302 - 5312' Perfs

0 - 5413' 172 lbs 2.875" OD 2.441" ID 6.4#/R J 55 Tubing

5353 - 5374' Perfs

5375 - 5403' Pump

5391 - 5407' Perfs

5403 - 5404' Seating Nipple

5405 - 5410' 4.5" OD Anchor

5450 - 5456' Perfs

1531' - 5560' Hole Size = 6.75"

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4067 - 5557' Cement

5353 - 5374' Squeeze Perfs

5390 - 5407' Squeeze Perfs

5421' CIBP

5426 - 5440' Squeeze Perfs

5450 - 5471' Squeeze Perfs

0 - 5547' 4 1/2" OD 4.090" ID 9.5#/11 J 55 Casing

PBITD: 5421'
TD: 5560'

Mobil - PRISM

1980' FNL, 660' FEL
SE/NE SEC. 1, T41S, R24E
SAN JUAN COUNTY, UTAH

McELMO CREEK UNIT # 1-14

KB ELEV: 4539'
PROPOSED WELLCORE

- 0 - 103' 13 3/8" OD 12.615" ID 48#/11 H 40 Casing
- 0 - 1531' 8 5/8" OD 8.097" ID 24#/11 J 55 Casing

0 - 103' Hole Size = 16.875"

103' - 1531' Hole Size = 12.25"

4067 - 5557' Cement

5353 - 5374' Squeeze Perfs

5390 - 5407' Squeeze Perfs

5421' Retainer

5426 - 5440' Squeeze Perfs

5450 - 5456' Squeeze Perfs

5450 - 5471' Squeeze Perfs

5421 - 5560' Cement Plug

- 0 - 5268' 170 lbs 2.875" OD 2.441" ID 7.5#/R J 55 Tubing CMT LINED
- 5268 - 5270' On off
- 5270 - 5272' Shut-off Valve
- 5302 - 5312' Perfs
- 5272 - 5280' Rebr. Packer BAKER INCOLOY INVERTED LOK-SET

5353 - 5374' Perfs

5391 - 5407' Perfs

1531' - 5560' Hole Size = 6.75"

0 - 5547' 4 1/2" OD 4.090" ID 9.5#/11 J 55 Casing

PBITD: 5421'
TD: 5560'

Mobil - PRISM

APPENDIX B - (Reporting Forms and Instructions)

1. EPA Form 7520- 7: APPLICATION TO TRANSFER PERMIT
2. EPA Form 7520-10: WELL COMPLETION REPORT
3. EPA Form 7520-11: ANNUAL WELL MONITORING REPORT
4. EPA Form 7520-12: WELL REWORK RECORD
5. EPA Form 7520-13: PLUGGING RECORD



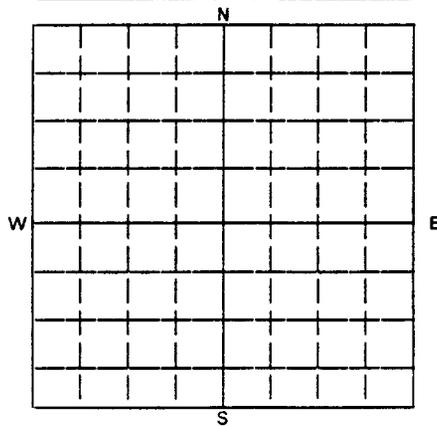
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

APPLICATION TO TRANSFER PERMIT

NAME AND ADDRESS OF EXISTING PERMITTEE

NAME AND ADDRESS OF SURFACE OWNER

LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT — 640 ACRES



STATE

COUNTY

PERMIT NUMBER

SURFACE LOCATION DESCRIPTION

¼ OF

¼ OF

¼ SECTION

TOWNSHIP

RANGE

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT

Surface

Location ____ ft. from (N/S) ____ Line of quarter section

and ____ ft. from (E/W) ____ Line of quarter section

WELL ACTIVITY

WELL STATUS

TYPE OF PERMIT

- Class I
- Class II
 - Brine Disposal
 - Enhanced Recovery
 - Hydrocarbon Storage
- Class III
- Other

- Operating
- Modification/Conversion
- Proposed

- Individual
- Area
- Number of Wells ____

Lease Name

Well Number

NAME(S) AND ADDRESS(ES) OF NEW OWNER(S)

NAME AND ADDRESS OF NEW OPERATOR

Attach to this application a written agreement between the existing and new permittee containing a specific date for transfer of permit responsibility, coverage, and liability between them.

The new permittee must show evidence of financial responsibility by the submission of surety bond, or other adequate assurance, such as financial statements or other materials acceptable to the director.

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

NAME AND OFFICIAL TITLE (Please type or print)

SIGNATURE

DATE SIGNED



COMPLETION REPORT FOR BRINE DISPOSAL, HYDROCARBON STORAGE, OR ENHANCED RECOVERY WELL

NAME AND ADDRESS OF EXISTING PERMITTEE

NAME AND ADDRESS OF SURFACE OWNER

LOCATE WELL AND OUTLINE UNIT ON
SECTION PLAT — 640 ACRES

STATE

COUNTY

PERMIT NUMBER

SURFACE LOCATION DESCRIPTION

¼ OF

¼ OF

¼ SECTION

TOWNSHIP

RANGE

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT

Surface

Location ____ ft. from (N/S) ____ Line of quarter section

and ____ ft. from (E/W) ____ Line of quarter section

WELL ACTIVITY

TYPE OF PERMIT

Brine Disposal

Individual

Enhanced Recovery

Area

Hydrocarbon Storage

Number of Wells ____

Estimated Fracture Pressure
of Injection Zone

Anticipated Daily Injection Volume (Bbls)

Injection Interval

Average

Maximum

Feet

to Feet

Anticipated Daily Injection Pressure (PSI)

Depth to Bottom of Lowermost Freshwater Formation
(Feet)

Average

Maximum

Type of Injection Fluid (Check the appropriate block(s))

Salt Water

Brackish Water

Fresh Water

Liquid Hydrocarbon

Other

Lease Name

Well Number

Name of Injection Zone

Date Drilling Began

Date Well Completed

Permeability of Injection Zone

Date Drilling Completed

Porosity of Injection Zone

CASING AND TUBING

CEMENT

HOLE

OD Size

Wt/Ft — Grade — New or Used

Depth

Sacks

Class

Depth

Bit Diameter

INJECTION ZONE STIMULATION

WIRE LINE LOGS, LIST EACH TYPE

Interval Treated

Materials and Amount Used

Log Types

Logged Intervals

Complete Attachments A — E listed on the reverse.

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32).

NAME AND OFFICIAL TITLE (Please type or print)

DATE SIGNED

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460



WELL REWORK RECORD

NAME AND ADDRESS OF PERMITTEE	NAME AND ADDRESS OF CONTRACTOR
-------------------------------	--------------------------------

LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT — 640 ACRES 	STATE	COUNTY	PERMIT NUMBER
	SURFACE LOCATION DESCRIPTION		
	¼ OF _____ ¼ OF _____ ¼ SECTION _____ TOWNSHIP _____ RANGE _____ LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT Surface Location _____ ft. from (N/S) _____ Line of quarter section and _____ ft. from (E/W) _____ Line of quarter section		
	WELL ACTIVITY <input type="checkbox"/> Brine Disposal <input type="checkbox"/> Enhanced Recovery <input type="checkbox"/> Hydrocarbon Storage Lease Name _____	Total Depth Before Rework _____ Total Depth After Rework _____ Date Rework Commenced _____ Date Rework Completed _____	TYPE OF PERMIT <input type="checkbox"/> Individual <input type="checkbox"/> Area Number of Wells _____ Well Number _____

WELL CASING RECORD — BEFORE REWORK

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

WELL CASING RECORD — AFTER REWORK (Indicate Additions and Changes Only)

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

DESCRIBE REWORK OPERATIONS IN DETAIL
USE ADDITIONAL SHEETS IF NECESSARY

WIRE LINE LOGS, LIST EACH TYPE

Log Types	Logged Intervals

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32).

NAME AND OFFICIAL TITLE (Please type or print)	SIGNATURE	DATE SIGNED
--	-----------	-------------

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

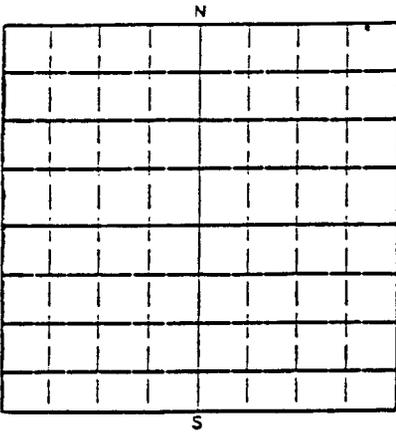


PLUGGING RECORD

NAME AND ADDRESS OF PERMITTEE

NAME AND ADDRESS OF CEMENTING COMPANY

LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT — 640 ACRES



STATE _____ COUNTY _____ PERMIT NUMBER _____

SURFACE LOCATION DESCRIPTION
 1/4 OF _____ 1/4 OF _____ 1/4 SECTION _____ TOWNSHIP _____ RANGE _____

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT
 Surface Location _____ ft. from (N/S) _____ Line of quarter section
 and _____ ft. from (E/W) _____ Line of quarter section

TYPE OF AUTHORIZATION
 Individual Permit
 Area Permit
 Rule
 Number of Wells _____
 Lease Name _____

Describe in detail the manner in which the fluid was placed and the method used in introducing it into the hole

CASING AND TUBING RECORD AFTER PLUGGING

SIZE	WT(LB/FT)	TO BE PUT IN WELL (FT)	TO BE LEFT IN WELL (FT)	HOLE SIZE

WELL ACTIVITY METHOD OF EMPLACEMENT OF CEMENT PLUGS

CLASS I
 CLASS II
 Brine Disposal
 Enhanced Recovery
 Hydrocarbon Storage
 CLASS III

The Balance Method
 The Dump Bailer Method
 The Two-Plug Method
 Other

CEMENTING TO PLUG AND ABANDON DATA:

	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Size of Hole or Pipe in which Plug Will Be Placed (inches)							
Depth to Bottom of Tubing or Drill Pipe (ft.)							
Sacks of Cement To Be Used (each plug)							
Slurry Volume To Be Pumped (cu. ft.)							
Calculated Top of Plug (ft.)							
Measured Top of Plug (if tagged ft.)							
Slurry Wt. (Lb./Gal.)							
Type Cement or Other Material (Class III)							

LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS

From	To	From	To

Signature of Cementer or Authorized Representative

Signature of EPA Representative

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. (REF. 40 CFR 122.22)

NAME AND OFFICIAL TITLE (Please type or print)

SIGNATURE

DATE SIGNED

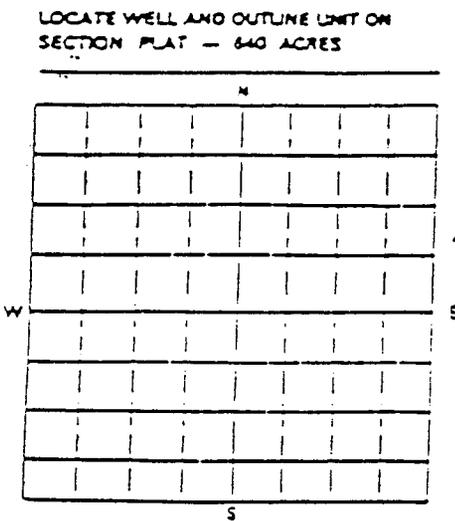
APPENDIX C - (Plugging & Abandonment Plan)

1. Plugging & Abandonment Plan
2. Plugging & Abandonment Procedure
3. Plugging & Abandonment Plan Schematic

NAME AND ADDRESS OF FACILITY
McElmo Creek Unit #I-14

NAME AND ADDRESS OF OWNER/OPERATOR
Mobil Oil Corporation
P.O. Box 5444
Denver, CO 80217

(Same As Operator)



STATE COUNTY PERMIT NUMBER
Utah San Juan UT2531-02694

SURFACE LOCATION DESCRIPTION
1/4 OF SE 1/4 OF NE 1/4 SECTION 1 TOWNSHIP 41S RANGE 24E

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT
Surface Location 1980 ft from (N/S) N Line of quarter section
and _____ ft from (E/W) _____ Line of quarter section

TYPE OF AUTHORIZATION WELL ACTIVITY

Individual Permit
 Area Permit
 Rul.

Number of Wells _____

CLASS I
 CLASS II
 Brine Disposal
 Enhanced Recovery
 Hydrocarbon Storage
 CLASS III

Lease Name McElmo Creek Unit Well Number I-14

CASING AND TUBING RECORD AFTER PLUGGING				METHOD OF EMPLACEMENT OF CEMENT PLUGS	
SIZE	WT/LB/FT	TO BE PUT IN WELL (FT)	TO BE LEFT IN WELL (FT)	HOLE SIZE	
15 3/8	48				<input type="checkbox"/> The Balance Method
8 5/8	24				<input type="checkbox"/> The Dump Bailer Method
4 1/2	9.5				<input type="checkbox"/> The Two-Plug Method
					<input checked="" type="checkbox"/> Other Bottom plug across perforated interval to be pumped under cement margin (* squeeze)

CEMENTING TO PLUG AND ABANDON DATA:		* PLUG #1	PLUG #2	* PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Size of Hole or Pipe in which Plug Will Be Placed (inches)		4 1/2	4 1/2	4 1/2	3 5/8			
Depth to Bottom of Tubing or Drill Pipe (ft.)		5252	4500	1582	100			
Sacks of Cement To Be Used (each sack)		80	50	100	25			
Slurry Volume To Be Pumped (cu. ft.)		88	55	110	25			
Calculated Top of Plug (ft.)		5303	4250	1482	Surface			
Measured Top of Plug (if logged ft.)								
Slurry Wt. (lb./gal.)		15.8	15.8	15.8	15.8			
Type Cement or Other Material (Class #)		Class G	Class G	Class G	Class G			

LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS AND INTERVALS WHERE CASING WILL BE VARIED (If any)

From	To	From	To
Surface	501 Below Surface		
5302'	5407 Production Perfor.		

Estimated Cost to Plug Wells
\$25,000.00 Each

(Revised by G. Stolz -- Consistent with written procedure)

CERTIFICATION

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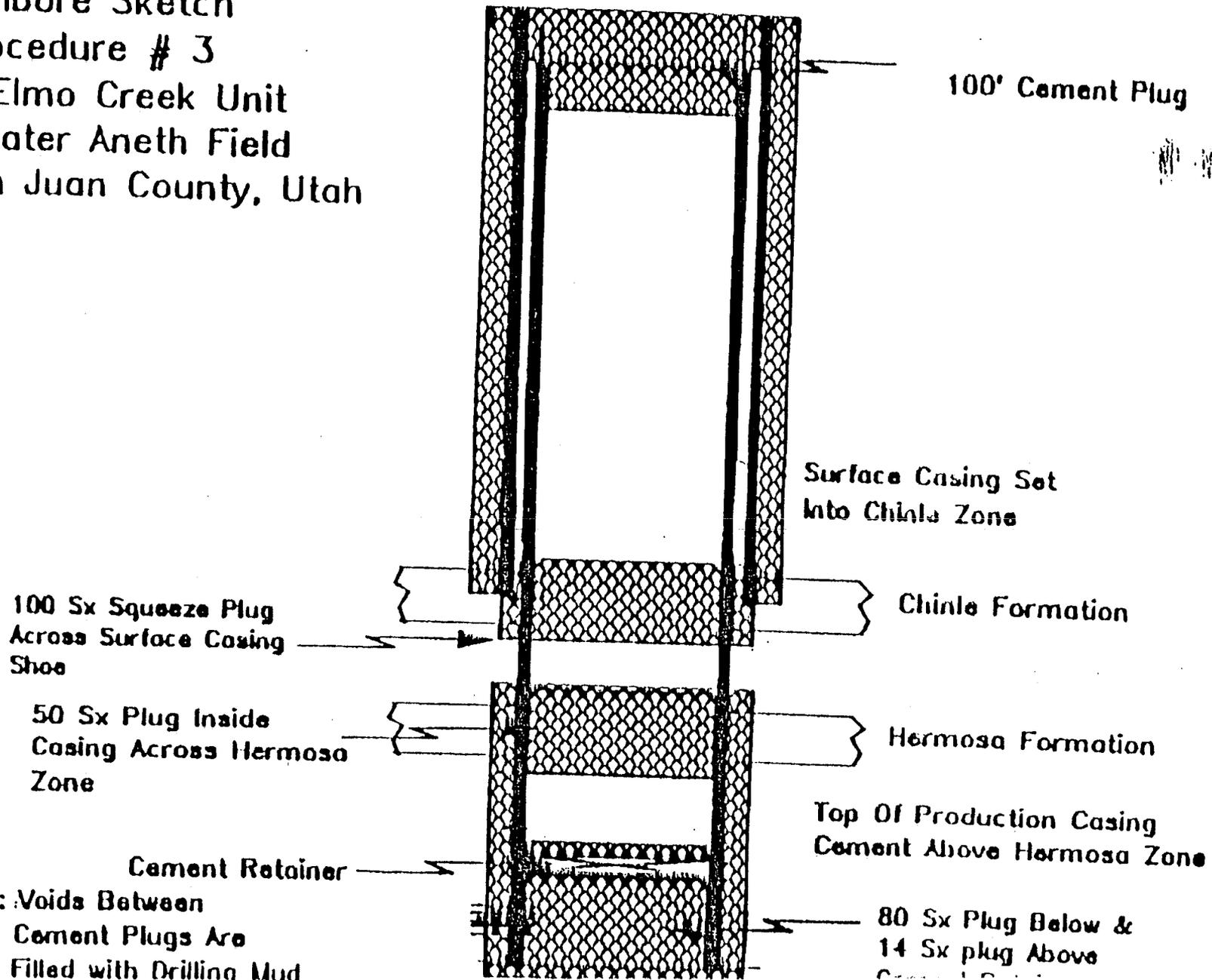
NAME AND OFFICIAL TITLE (Please type or print) SIGNATURE DATE SIGNED
Regulatory Compliance Manager *B. R. Maynard* 1-11-90

McELMO CREEK UNIT
GREATER ANETH FIELD
SAN JUAN COUNTY, UTAH

PLUG AND ABANDONMENT PROCEDURE 3

1. MRO. Nipple up ROPE.
2. POH with injection equipment and tubing. Lay down injection equipment.
3. RIH with cement retainer on end of 2 7/8" tubing and set retainer in casing 50' above top perforation.
4. Rig up Cementers and mix and pump 80 sacks of class G cement. Squeeze perfs below retainer w/ 66 sacks of cement. Sting out of retainer and displace last 14 sacks of cement on top of retainer.
5. POOH with tubing above cement and displace casing to surface with drilling mud (min 9 lbs/gal, vis 50 sec/qt). Pull up hole with tubing to bottom of Hermosa zone.
6. Rig up cementers and set 50 sack plug inside of casing across Hermosa zone. Pull tubing out of cement and clear tubing.
7. POH with tubing and stand back in derrick.
8. Rig up perforators and shoot squeeze holes in casing at bottom of surface casing shoe w/4 SPY 120 degree phasing. Rig down perforators.
9. RIH with PVC tail and retrievable packer on end of 2 7/8" tubing and set in casing with tail 50' above surface casing shoe squeeze holes. Rig up cementers and pump 100 sacks of class G cement below packer and tail to squeeze off surface casing shoe. Release packer, pull up hole 1 joint, and clear tubing. Reset packer and leave sufficient pressure on tubing to hold cement in place while curing.
10. POH with tubing and stand in derrick.
11. Rig up casing cutter and cut off long string production casing 50' below surface flange. Pull 50' of casing and lay it down.
12. RIH with 100' of 2 7/8" tubing and pump class G cement to surface. POH with tubing and lay down tubing. Top off casing with cement so hole remains full.
13. RDMO. Cut off surface pipe flange and weld on dry hole marker. Restore location as per BLM requirements.

(1)
 Plug & Abandonment
 Wellbore Sketch
 Procedure # 3
 McElmo Creek Unit
 Greater Aneth Field
 San Juan County, Utah



♦ NOTE: Voids Between Cement Plugs Are Filled with Drilling Mud

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

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

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

UTAH ACCOUNT NUMBER: N7370

REPORT PERIOD (MONTH/YEAR): 6 / 95

AMENDED REPORT (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
MCELMO CREEK I-14								
4303716145	05980	41S 24E 1	IS-DC					
MCELMO CR 0-08								
4303716146	05980	40S 25E 29	DSCR					
MCELMO CREEK F-18								
4303720184	05980	41S 24E 12	IS-DC					
MCELMO CR H-19								
4303720304	05980	41S 24E 12	DSCR					
MCELMO CREEK L-12								
4303730040	05980	40S 25E 31	IS-DC					
MCELMO CREEK T-12								
4303730074	05980	40S 25E 33	DSCR					
MCELMO CR B-17								
4303730138	05980	41S 24E 11	DSCR					
MCELMO CR I-24								
4303730180	05980	41S 24E 13	DSCR					
MCELMO CR R-14								
4303730202	05980	41S 25E 4	DSCR					
MCELMO CR F-14								
4303730255	05980	41S 24E 1	DSCR					
MCELMO CR D-18								
4303730256	05980	41S 24E 11	DSCR					
MCELMO CR I-13								
4303730257	05980	41S 24E 1	DSCR					
MCELMO CREEK P-18								
4303730267	05980	41S 25E 8	IS-DC					
TOTALS								

COMMENTS: _____

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

Name and Signature: _____ Telephone Number: _____

Division of Oil, Gas and Mining
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 RJ J. FIRTH (Initiated Call) - Phone No. () _____
of (Company/Organization) _____

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

4. Highlights of Conversation: _____

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

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

Mobil Oil Corporation

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

May 14, 1986

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

Attn: R. J. Firth
Associate Director

RECEIVED
MAY 16 1986

DIVISION OF
OIL, GAS & MINING

SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

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

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

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

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

Very truly yours,



CNE/rd
CNE8661

R. D. Baker
Environmental Regulatory Manager

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing	
1-LEC	7-PL2
2-LWP	8-SJ
3-DE	9-FILE
4-VLC	
5-RJF	
6-LWP	

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

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

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

TO (new operator) <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>037-166145</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.
- lec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (8-3-95)
- lwp 6. Cardex file has been updated for each well listed above. 8-31-95
- lwp 7. Well file labels have been updated for each well listed above. 9-28-95
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (8-3-95)
- lec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- 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 ^{DTS} person with an interest in such lease of the change of operator. Documentation of such _{8/5/95} notification has been requested.
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- ✓ 1. All attachments to this form have been microfilmed. Date: October 3 1995.

FILING

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

COMMENTS

950803 UIC F5/Not necessary!

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.

14-20-603-4032

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 I-14

9. API Well No.

43-037-16145

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

2. Name of Operator MOBIL PRODUCING TX & NM INC.*
*MOBIL EXPLORATION & PRODUCING US INC. AS AGENT FOR MPTM

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. 1, T41S, R24E
1980' FNL & 660' FEL

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 <u>REPAIR</u>
	<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

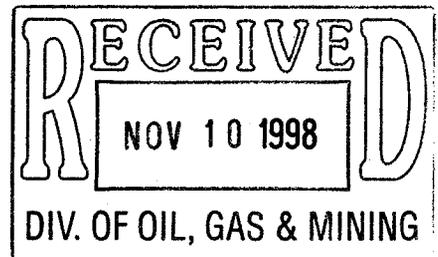
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)*

REPAIR ANNULAR PRESSURE - SEE ATTACHED PROCEDURE

COPY SENT TO OPERATOR

Date: 11-13-98
Initials: CHD



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

Signed Shirley Houchins

Title SHIRLEY HOUCHINS, ENV. & REG. TECH

Date 11-06-98

(This space for Federal or State office use)

Approved by Accepted by the
Conditions of approval, if any, Utah Division of

Title _____ Date _____
Federal Approval of this Action is Necessary

Oil, Gas and Mining

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.

FOR RECORD ON

* See Instruction on Reverse Side

Sundry Notice Procedure
McElmo Creek Unit #I-14
Repair Annular Pressure

I. Workover Procedure

1. RU slickline and run 1.81" plug in profile of on/off tool. RD slickline.
2. Pressure up on tubing to test tbg and on/off tool. Test tbg and annulus to 1000 psi. *After evaluating all the potential mechanical leak sources, J-off on/off tool and circulate the appropriate kill fluid. J-on on/off tool.*
3. ND wellhead and RU BOP's and test using chart.
4. Unset pkr and circulate kill fluid to ensure well is dead. POH w/ cement lined tubing and packer.
5. PU 2 7/8" workstring and bit and clean out to 5447'.
6. PU 7" RTBP and packer and RIH. Set RTBP at 5334' and leave pkr swinging. Test casing to 1000 psi.

If casing leaks, move pkr up hole to 4000' and test interval between pkr and RTBP along with the annulus. Continue until leak is isolated. Obtain injection rate into the leak and make plans to squeeze the leak. Continue to step 7.

If casing holds, RU Campbell Testers to hydrotest IPC tubing using nitrogen RBIH. Continue to step 9.

Casing Leak Repair

7. If casing **leaks**, consider running inspection log if injection rate is below 1/4 bpm. **See step 11 to TA well.** POH w/ pkr and dump bail 20 ft of sand on top of RTBP. RIH w/ bit and set 50 ft above leak. Use slurry below for sqz job, however, if the injection rate is below 1/4 bpm, a micro-cement slurry should be used instead. (This can be done with a retainer in lieu of a packer).

Cement Slurry: 25 sx Class 'B' + 0.1% D65 (dispersant)

Confer with Wendy Storbeck on volumes before job.

Density: 15.6 ppg
Yield: 1.19 ft³/sk

- A) Begin pumping 5 bbl fresh water ahead of cement slurry.
- B) Pump 25 sx (1 bbl for inside of casing and 3 bbl for behind pipe) while maintaining 500 psi on backside during job.
- C) Begin pumping fresh water displacement down to top of bit, 0.00387 bbl/ft.
- D) PU 2 stands and shut down for 1 hour. Continue to wash down reversing out cement without allowing cement to develop compressive strength. This should minimize nodes that develop on the casing wall and improve squeeze success.
- E) Wash down to top of RTBP, reversing out sand. POH w/bit and PU retrieving tool for RTBP.

8. RIH w/ retrieving tool on workstring and unset RTBP and POH. PU gage ring and RIH on workstring.

Running New Packer

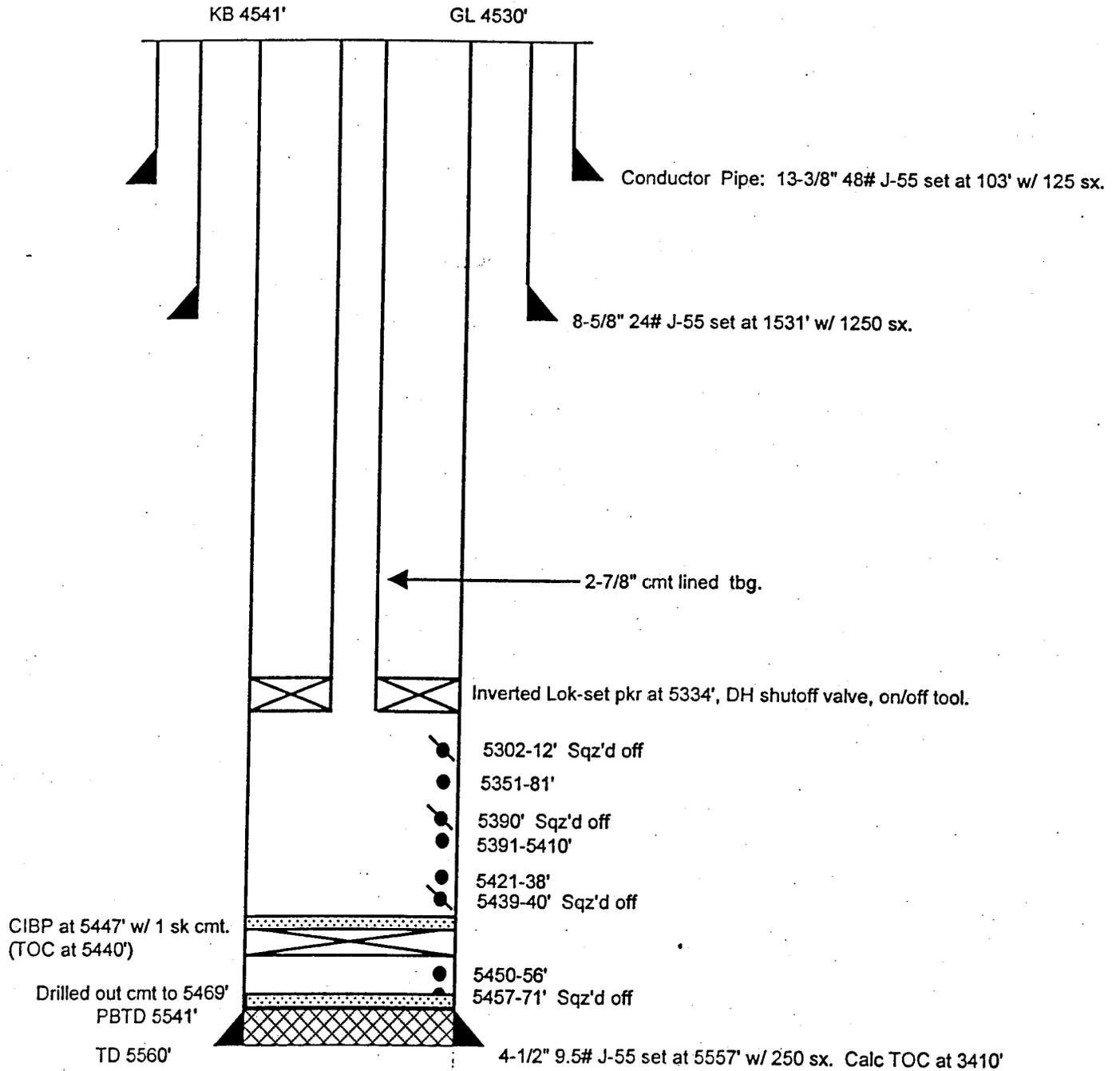
9. PU new UNI-SIX injection pkr with on/off tool (use pump out plug in mule shoe), and RIH to set at 5334'. Hydrotest tbg going in hole. *Test to 3500 psi. Call Navajo EPA to get them on location to witness MIT. Document the occurrence and results of all conversations in morning reports.*
10. J-off on/off tool and circ pkr fluid. J-on on/off tool and ND BOP's and NU wellhead spacing out as needed. Pump out plug in pkr.
11. Test again down annulus to 1000 psi. Run MIT test and chart. Send original to Sue Mosley and keep copy for records.

Temporarily Abandoning well

12. To TA well, POH w/ RTBP and PU CIBP. RIH and set 50 ft above top of leak. Dump bail 1 sx of cement on top of CIBP. Lay down all equipment and Run MIT test and chart.
13. RDMO.

McELMO CREEK UNIT # I-14
GREATER ANETH FIELD
 1980' FNL & 660' FEL
 SEC 1-T41S-R24E
 SAN JUAN COUNTY, UTAH
 API 43-037-16145
 PRISM 0000244

INJECTOR



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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14-20-603-4032

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 I-14

9. API Well No.

43-037-16145

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

2. Name of Operator

MOBIL PRODUCING TX & NM INC.*
*MOBIL EXPLORATION & PRODUCING US INC. AS AGENT FOR MPTM

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. 1, T41S, R24E
1980' FNL & 660' FEL

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

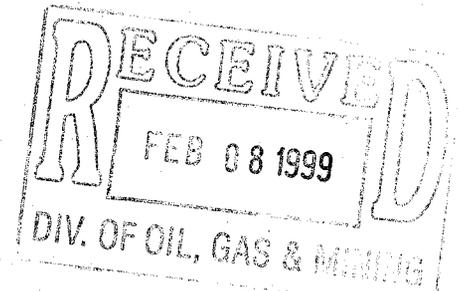
TYPE OF SUBMISSION	TYPE OF ACTION
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	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other REPAIR
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<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.)*

SCHEDULED MIT (1998) ATTACHED FAILED MIT & CHART.

HAVE 11-13-98 APPROVED SUNDRY FOR REPAIR.



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

Signed

Shirley Houchins

Title

SHIRLEY HOUCHINS, ENV. & REG. TECH

Date

02-04-99

(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.

* See Instruction on Reverse Side

ANNULAR PRESSURE TEST

(Mechanical Integrity Test)

Operator MOBIL E. & P., INC Date of Test 12-8-98
Well Name MCELMO CREEK UNIT WELL # I-14 EPA Permit No. _____
Location SEC. 1, T41S-R24E Tribal Lease No. 14206034032
State and County SAN JUAN, UTAH

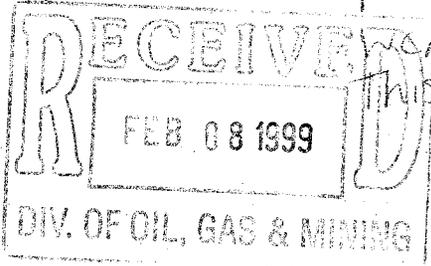
Continuous Recorder? YES NO Pressure Gauge? YES NO
Bradenhead Opened? YES NO Fluid Flow? YES NO

TIME	ANNULUS PRESSURE, psi		TUBING PRESSURE, psi
	gauge	recorder	gauge
Start 12:45 pm		60	500
end 12:55 pm		0	500

MAX. INJECTION PRESSURE: 2750 PSI
MAX. ALLOWABLE PRESSURE CHANGE: _____ PSI (TEST PRESSURE X 0.05)

REMARKS: Passed? Failed? If failed, cease injection until well passes MIT (40CFR§144.21(c)(6)).

Packer did not hold. There is a hole in casing or at the packer level. The pressure in casing failed MIT
went on vacuum.
this well was left shut in.



IVAN BENALLY
COMPANY REPRESENTATIVE: (Print and Sign)
MELVINA K. CLAH
MELVIN CAPITAN JR.
INSPECTOR: (Print and Sign)

12-8-98
DATE
12-8-98
DATE

McElmo Creek Unit #1-14
Repair Annular Pressure

Workover Procedure

1. RU slickline and run 1.81" plug in profile of on/off tool @ 5328'. RD slickline.
2. Pressure up on tubing to test tubing and on/off tool. Test tubing and annulus to 1000 psi. *Evaluate all the potential mechanical leak sources.*

IF TUBING DOES NOT TEST

3. ND wellhead/NU BOP's and test using chart. Release from on/off tool. Circulate kill weight fluid. 10 ppg brine controlled the well 05/99. POH w/injection string as follows:
 - 1 jt - 2-7/8" x 30' CL landing jt
 - 170 jt - 2-7/8" CL tubing
 - 1 - XO, 2-7/8" EUE box X 2-3/8" EU pin, 316 SS
 - 3-3/4" x 2-3/8" x 1.81" "F" Baker HEL on/off
 - 316 SS @ 5328.52'
 - KB adjustment - 10.5'
 - Packer set w/12K compression
4. RU Campbell Testers to test connections using nitrogen. RIH w/2-7/8", 6.5#, J55, 8rd CL injection tubing, testing to 3500 psi.
5. Circulate packer fluid if necessary and latch onto packer at 5333'. ND BOP's/NU wellhead. Space out as needed.
6. RU slickline to retrieve plug in profile.
7. *Call Navajo EPA 72 hours prior to conducting MIT. They should be on location to witness MIT. If it is not possible to give 72 hours notice, test well prior to RDMO and inform Production of need to schedule MIT w/Regulatory agencies. Remember that the clock starts from the time they receive notice, not from the time you talk to the answering machine. Document the occurrence and results of all conversations in morning reports. Run MIT test and chart. Send original to Sue Moseley and keep copy for records.*

8. If there is no leak off, RDMO.
IF TUBING TESTS/ANNULUS DOES NOT TEST

9. ND wellhead/NU BOP's and test using chart. Release from on/off tool and circulate kill weight fluid to ensure well is dead. Latch back onto packer. Retrieve slickline plug. POH w/injection string as follows:

1 jt	-	2-7/8" x 30' CL landing jt
170 jt	-	2-7/8" CL tubing
1	-	XO, 2-7/8" EUE box X 2-3/8" EU pin, 316 SS
	-	3-3/4" x 2-3/8" x 1.81" "F" Baker HEL on/off
	-	316 SS @ 5328.52'
	-	Baker Model "B" DH shut-off valve @ 5331.37'
	-	4-1/2" inverted Baker LokSet @ 5332.87'
	-	Total tubing and tools – 5328.17'
	-	KB adjustment – 10.5'
	-	Packer set w/12K compression

10. RIH w/4-1/2" RBP and packer. Set RBP at 5290' and test. Test casing to 1000 psi.
11. If casing leaks, move packer up hole to 4000' and test interval between packer and RBP along with the annulus. Continue until leak is isolated. Obtain injection rate into the leak and make plans to squeeze the leak. Continue to step 13.
12. If casing holds, RU Campbell Testers to hydrotest IPC tubing using nitrogen RBIH. Continue to step 17.

Casing Leak Repair

13. POH w/packer and dump 20 ft of sand on top of RBP. MI and rack 2-7/8" WS.
14. RIH w/retainer and set +/-50 ft above leak. Use "G" Neat for squeeze job, however, if the injection rate is below 1/4 bpm, a micro-cement slurry should be used instead. Confer with engineer on volumes before job.
15. RIH w/3-7/8" bit on 2-7/8" WS to drill out squeeze. Circulate hole clean. Test squeeze to 1000 psi. Resqueeze if necessary. Circulate sand off RBP. POH w/bit.

16. RIH w/RBP retrieving tool on 2-7/8" WS. Retrieve RBP. Circulate hole clean. POH, LD 2-7/8" WS.

Running New Packer

17. PU redressed LokSet or new G6 injection packer with on/off tool and pump out plug. RIH to set packer at 5290'. N2 test tubing going in hole. Test to 3500 psi.

- 4-1/2" inverted Baker LokSet or Guiberson G6 @ +/- 5290' w/pump-out plug in wireline reentry guide
- 3-3/4" x 2-3/8" x 1.50" "F" Baker HEL or Guiberson XL on/off, 316 SS @ 5287'
- 1 - XO, 2-7/8" EUE box X 2-3/8" EU pin, 316 SS
- +/-170 jt - 2-7/8" CL tubing
- 1 jt - 2-7/8" x 30' CL landing jt

18. Release from on/off tool and circulate packer fluid. Latch back onto packer. ND BOP's/NU WH. Space out as needed. Pump out plug in packer.

19. *Call Navajo EPA 72 hours prior to conducting MIT. They should be on location to witness MIT. If it is not possible to give 72 hours notice, test well prior to RDMO and inform Production of need to schedule MIT w/Regulatory agencies. Remember that the clock starts from the time they receive notice, not from the time you talk to the answering machine. Document the occurrence and results of all conversations in morning reports. Run MIT test and chart. Send original to Sue Moseley and keep copy for records.*

Temporarily Abandoning well

20. To TA well, POH w/RBP. RIH w/CIBP and set 50 ft above top of leak. Dump bail 1 sx of cement on top of CIBP. Lay down all equipment. Run MIT test and chart.

21. RDMO.

GENERAL AREA REQUIREMENTS

1. ALL SAFETY GUIDELINES WILL BE FOLLOWED. INCLUDING PERSONAL PROTECTIVE EQUIPMENT; HARD HATS, ANSI BOOTS, AND SAFETY GLASSES WITH SIDE SHIELDS ARE REQUIRED. OTHER COMMON MISTAKES ARE RIG HANDRAILS NEED TO BE UP, LOCATIONS NEED TO BE NEAT AND ORDERLY, AND ALL VENDORS MUST HAVE ALL SAFETY TRAINING UP TO DATE INCLUDING DOCUMENTATION ON LOCATION. HYDRIL BOPS WILL BE USED ANY TIME SOMETHING IS IN THE WELL THAT THE BOP CANNOT CLOSE AROUND INCLUDING DRILL COLLARS AND SUB PUMPS.
2. NOTIFICATIONS - MUST BE NOTIFIED FOR LARGE SPILLS, WATER OR OIL > 10 BBLs

Note: All Mobil Drilling Supervisors

If spill occurs, take various pictures of spill before and after clean-up. Make sure all angles of spill are photographed.

Supervisors are to notify Jerry Orndorff and Mobil EHS Tech ONLY --- Allow tech to notify appropriate agencies.

MOBIL DRILLING SUPT – JERRY ORNDORFF - 915/688-1648
MOBIL WCT ENGINEER – RICK ADAMS - 915-688-1782

MUST BE NOTIFIED FOR ANY ACCIDENTS UP TO AND INCLUDING LOST TIME;

MOBIL DRILLING SUPT – JERRY ORNDORFF - 915/688-1648
EHS ADVISOR- SCOTT McLaurin - 915/688-2213

**CASING LEAK RIG-UPS, SQUEEZE NOTIFICATIONS, AND QUESTIONS ABOUT PRESSURE TEST REQUIREMENTS;
BLM – 505/599-8907, NOTIFY BEFORE SQUEEZE SO THEY CAN WITNESS IF THEY WANT**

IF CASING LEAK IS A SUPRISE (WASN'T EXPECTED), DISCUSS PLAN WITH THE ENGINEER. THEN CALL WAYNE TOWNSEND 505/599-6359 AND DISCUSS THE PROBLEM AND PLAN. ENGINEER WILL PREPARE A DOCUMENTATION PROCEDURE TO SEND TO SHIRLEY HOCHINS

3. WELL CONTROL. WELL SUBSEQUENTLY CONTROLLED WITH FRESH WATER, CLEAN 10# BRINE, HEAVY SALT MUD CaCl₂ UP TO 11.6# w/0.1% Safebreak CBF, PARTICULATE CaCO₃ MUD UP TO 12.6, AND BARITE MUD ABOVE 12.6#. FOR THE TIME BEING, WE ARE AVOIDING SNUBBING UNITS.
4. RIG SUPERVISORS WILL MAKE EVERY ATTEMPT TO ENHANCE RELATIONSHIPS WITH LOCALS AND VENDORS, WITHOUT SIGNIFICANTLY IMPACTING COSTS. OBEY AND ENCOURAGE ALL YOU WORK WITH TO BE COURTEOUS AND STRICTLY OBEY SPEED LIMITS ON LEASE ROADS.

5. CASING LEAK SQUEEZES WILL BE DONE WITH CLASS G NEAT. SUCCESS RATE WITH THIS CEMENT FROM HALLIBURTON IS 80%. OTHER TECHNIQUES AND COMPANIES WILL NOT BE USED AS LONG AS SUCCESS RATE CONTINUES. INJECTORS HAVE TO PASS 1000#/30 MINS, PRODUCERS 500#/30 MINS. DO NOT TEST UNLESS YOU SUSPECT LEAK.

A. FOR SHALLOW LEAKS WITH NO CEMENT ON CASING ANNULUS, CONSIDER CUTTING OUT THE BAD SECTION OF PIPE, POH, AND TIE BACK AND CEMENT A NEW SECTION OF CASING.

B. FOR BLEED OFF LEAKS, SPOT CEMENT ACROSS AND ABOVE LEAK, PRESSURE UP TO 1500# UNTIL SQUEEZES. POH, SI BLINDS AND RE-PRESSURE UP TO 1500# SION W/PRESSURE ON SQUEEZE.

C. FOR EIR > 0.5 BPM AND LEAKS DEEPER THAN 1000' USE CMT RETAINER, SAME CEMENT. DO NOT DO NOT FAIL TO CALL OUT ENOUGH CEMENT TO SQUEEZE THE LEAK. THE EXTRA COST OF THE BULK CEMENT IS EASILY JUSTIFIED VS. THE COST OF A FAILED SQUEEZE DUE TO NOT ENOUGH CEMENT.

6. NOTIFY OPERATIONS PERSONNEL OF ANY WORK IMPACTING THEM. THIS INCLUDES ANY EMERGENCY INJECTOR SHUT-INS. DO NOT TURN PRODUCTION WELLS BACK ON, LEAVE THIS TO THE OPERATIONS PEOPLE SO THEY CAN BE SURE ALL SAFETY SHUT-DOWNS ARE ACTIVE, AND THAT SURFACE FACILITIES ARE READY FOR THE PRODUCTION. KEEP TRACK OF YOUR OWN TUBING AND OTHER MATERIALS YOU WILL NEED TO DO THE WORK.

McELMO CREEK UNIT # I-14

INJECTOR

GREATER ANETH FIELD

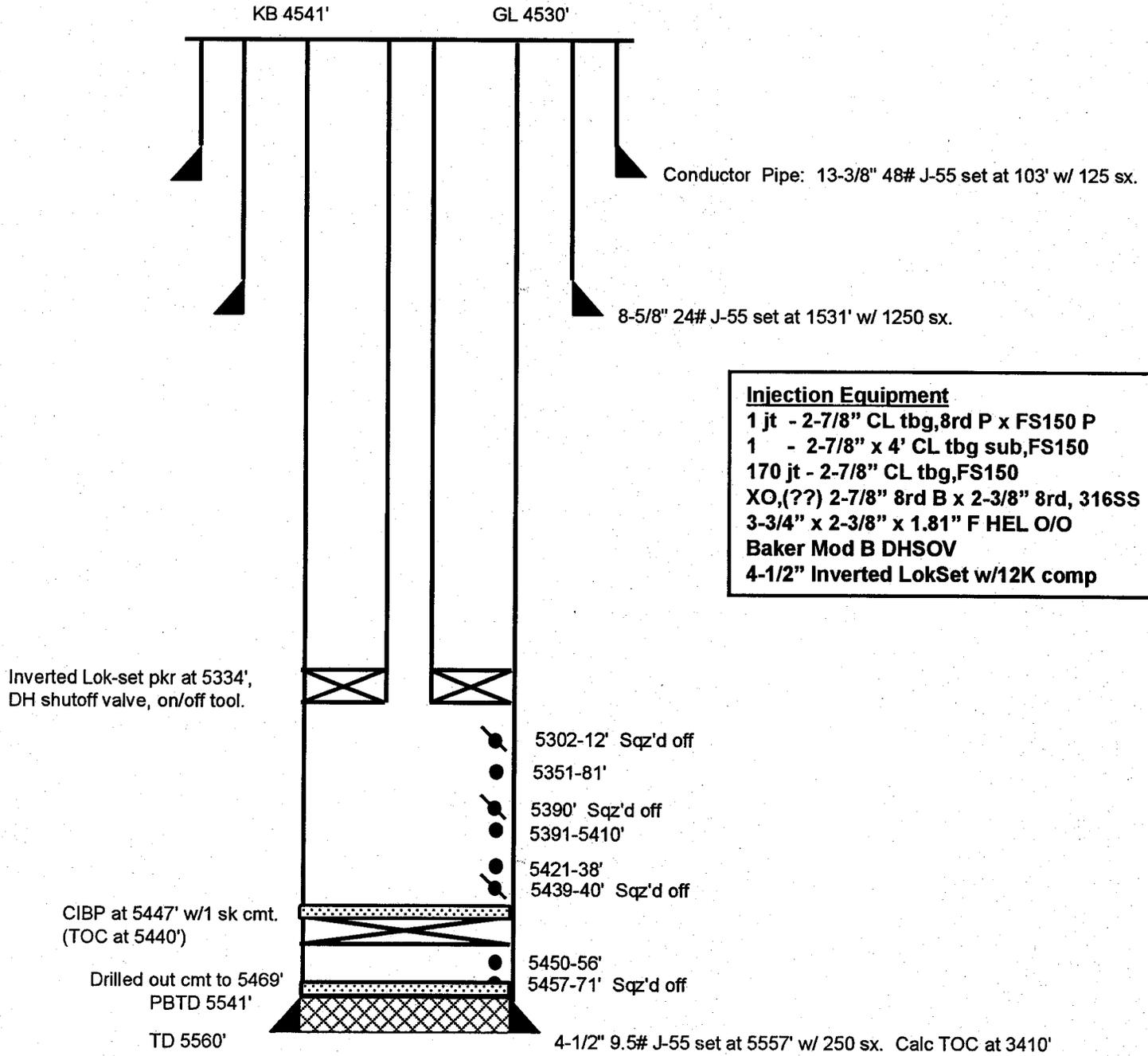
1980' FNL & 660' FEL

SEC 1-T41S-R24E

SAN JUAN COUNTY, UTAH

API 43-037-16145

PRISM 0000244



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No.
14-20-603-4032

6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

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

8. Well Name and No.
McElmo Creek Unit I-14

9. API Well No.
43-037-16145

10. Field and Pool, or Exploratory Area
GREATER ANETH

11. County or Parish, State
SAN JUAN UT

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

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

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

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 1, T-41-S, R-24-E 1980' FNL & 660' FEL

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

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

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

Attached is a summary of work performed to repair annular pressure.

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

RECEIVED

DEC 27 2000

DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Ellen M. Carroll	Title Sr. Staff Office Assistant ExxonMobil Production Company, A division of Exxon Mobil Corporation, acting for Mobil Producing Texas & New Mexico Inc.
Signature <i>Ellen M. Carroll</i>	Date 12/22/2000

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

(Instructions on Reverse)

Mc Elmo Creek Unit I-14
San Juan County, Utah
API # : 43-037-16145

Repair Annular Pressure:

1/19/00

RU Slickline attempt to run GR. Unable to get 3' below GL. Ice plug in injection string. RU Hot oiler. Heat brine wtr. Remove Ice Plug. Open backside not pressure or flow.

1/20/00

===== REMARKS =====
Old sqz perfs. 5302-13 4 1/2" Baker inverted lok-set pkr 825 inconel set in 15K compression @ 5328.

===== PERFORATIONS =====
Ran 1.906 GR to 5353 WL. Set 1.81 plug in profile of on-off tool. Slowly bled off tbg pressure to prevent Co2 Ice plugs. Pressure tst backside to 1000psi. Lost 300psi in 4min. Continue bleeding of tbg. Rig unit, rev unit.

perfs 5351-81, 5391-5410, 5421-38

1/21/00

Check tbg/csg pressure Opsi, ND WH, NU BOP, J-off Pkr, Circ. Hole, Wait on slip type elevators, POH w/CL 2 7/8" injection string. SIH w/ test pkr on WS.

1/22/00

===== REMARKS =====
187jts WS on loc. All jts in tally. 3 bad jts on ground. Top of injection pkr @ 5328 old sqz holes 5302-5312 (10'), 16' from top of injection pkr.

===== PERFORATIONS =====
PU TIH w/ test pkr on 2 3/8 WS. Pressure test csg. Unable to get good test due to leaks in reverse unit iron.

1/23/00

Left message w/Shirley Houchins (Regulatory) to check on setting additional pkr in hole 2 jts above injection.

1/24/00

Dowell pressure tst csg 5270' surf. To 1000psi (held) Pressure dw tbg 5270-TOP @ 5332, to 1000psi, lost 470 psi in 30mins. Set pkr @ 5317'. Test top of inj pkr to 1000psi held. RD DW. POH w/ test pkr, RIH w/retr. Tool. SIWSDFN

1/25/00

Displace well w/11.6 CaCl2. RIH latch on-off tool onto injection pkr. RU Tefteller WL, RIH & rupture disk. (Had 1000psi on tbg) POH, RIH & retrieve plug. Ran & set new plug. RD Telfteller. J-off injection pkr. (mud weight to hold

1/26/00

RU Telfteller WL. RIH to rupture disk. Make 2 attempts to pull plug. Latched onto plug on 3rd try. Unable to pull. (differentially stuck) Shear off plug. Re-run rupture disk tool. Pull plug, perf tbg. Start OOH w/pkr..

1/27/00

Fin POH w/ old injection pkr. RIH & Set Guiberson Uni VI @ 5280. Pressure BS to 200psi held ok. POH LD WS. SWI

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DIVISION OF
OIL, GAS AND MINING

1/28/00_
Rig up to run injection string. Tong dies scaring tbg. Shut dw for tong repair.

1/29/00
RU rental tongs, Tongs had wrong heads, Wait on new set of tongs, RU tongs, 2nd set would not engage pipe body. RD tongs, SIW Dine will work on their tongs Sat, & Sun.

1/30/00
Shut down for Sunday

1/31/00
Road crew to loc. Unable to get Campbell testes on location due to road conditions. Shut down operations.

2/1/00
ROAD CREW TO LOCATION. RIH W/ ON/OFF TOOL ON 2 7/8" CL TBG. (TEST EVERY CONC.W/ N2 TO 3500 #) RAN & TEST 96 JTS. SI & SDFN

2/2/00
CONT. TEST IN HOLE W/ 2 7/8" CL TBG & ON/OFF TOOL.. TOTAL OF 158 JTS PICK-UP & TESTED.

2/3/00
TBG STRING AS FOLLOWS:WL ENTRY GUIDE,4 1/2'PKR,XL TOOL,2 3/8"X 2 7/8' XO,167 JTS 2 7/8"CL TBG ,6'-8'-10'X 2 7/8"CL SUBS,2 7/8"CL LANDING JT (NOTE:ALL TBG HAS TURNED DOWN COLLARS. PKR SET FROM 5281-5274'.

FINISH TEST IN HOLE W/ 2 7/8" CL TBG. SPACE OUT. PUMP PKR FLUID. LATCH ONTO PKR. ND BOP NU TREE. PRESS TEST ANL.TO 1000# OK 30 MIN. SI & SDFN

2/4/00

===== REMARKS =====
EVELYN JIN W/ NAVAJO EPA WAS NOTIFIED ABOUT MIT 11:15 AM 2-2-00. TIME WAS AGREED TO BY MELVINA KLOH ON 2-3-00. MIT WAS WITNESSED BY MELVINA KLOH.

RD DINE RIG #260. PRESS TEST ANL TO 1000# /30 MIN FOR MIT. OK. PUMP OUT PLUG. FLOWBACK WELL. UNTIL CLEAN. REL WELL TO PROD. FINAL REPORT

===== PERFORATIONS =====
perfs 5351-81, 5391-5410, 5421-38 (no change)

RECEIVED

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DIVISION OF
OIL, GAS AND MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other INJECTION WELL		5. Lease Serial No. 14-20-603-4032
2. Name of Operator Mobil Producing TX. & N.M. Inc.		6. If Indian, Allottee or Tribe Name NAVAJO TRIBAL
3a. Address P.O. Box 4358 Houston TX 77210-4358		7. If Unit or CA/Agreement, Name and/or No. McElmo Creek Unit
3b. Phone No. (include area code) (713) 431-1197		8. Well Name and No. McElmo Creek Unit I-14
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 1, T-41-S, R-24-E 1980' FNL & 660' FEL		9. API Well No. 43-037-16145
		10. Field and Pool, or Exploratory Area GREATER ANETH
		11. County or Parish, State SAN JUAN UT

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DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Ellen M. Carroll	Title Sr. Staff Office Assistant	ExxonMobil Production Company, A division of Exxon Mobil Corporation, acting for Mobil Producing Texas & New Mexico Inc.
Signature <i>Ellen M. Carroll</i>	Date 12/22/2000	

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
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San Juan County, Utah
API # : 43-037-16145

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perfs 5351-81, 5391-5410, 5421-38

1/21/00

Check tbg/csg pressure Opsi, ND WH, NU BOP, J-off Pkr, Circ. Hole, Wait on slip type elevators, POH w/CL 2 7/8" injection string. SIH w/ test pkr on WS.

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Displace well w/11.6 CaCl2. RIH latch on-off tool onto injection pkr. RU Tefteller WL, RIH & rupture disk. (Had 1000psi on tbg) POH, RIH & retrieve plug. Ran & set new plug. RD Telfteller. J-off injection pkr. (mud weight to hold

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DIVISION OF
OIL, GAS AND MINING

1/28/00_
Rig up to run injection string. Tong dies scaring tbg. Shut dw for tong repair.

1/29/00
RU rental tongs, Tongs had wrong heads, Wait on new set of tongs, RU tongs, 2nd set would not engage pipe body. RD tongs, SIW Dine will work on their tongs Sat, & Sun.

1/30/00
Shut down for Sunday

1/31/00
Road crew to loc. Unable to get Campbell testes on location due to road conditions. Shut down operations.

2/1/00
ROAD CREW TO LOCATION. RIH W/ ON/OFF TOOL ON 2 7/8" CL TBG. (TEST EVERY CONC.W/ N2 TO 3500 #) RAN & TEST 96 JTS. SI & SDFN

2/2/00
CONT. TEST IN HOLE W/ 2 7/8" CL TBG & ON/OFF TOOL.. TOTAL OF 158 JTS PICK-UP & TESTED.

2/3/00
TBG STRING AS FOLLOWS:WL ENTRY GUIDE,4 1/2'PKR,XL TOOL,2 3/8"X 2 7/8' XO,167 JTS 2 7/8"CL TBG ,6'-8'-10'X 2 7/8"CL SUBS,2 7/8"CL LANDING JT (NOTE:ALL TBG HAS TURNED DOWN COLLARS. PKR SET FROM 5281-5274'.

FINISH TEST IN HOLE W/ 2 7/8" CL TBG. SPACE OUT. PUMP PKR FLUID. LATCH ONTO PKR. ND BOP NU TREE. PRESS TEST ANL.TO 1000# OK 30 MIN. SI & SDFN

2/4/00

===== REMARKS =====
EVELYN JIN W/ NAVAJO EPA WAS NOTIFIED ABOUT MIT 11:15 AM 2-2-00. TIME WAS AGREED TO BY MELVINA KLOH ON 2-3-00. MIT WAS WITNESSED BY MELVINA KLOH.

RD DINE RIG #260. PRESS TEST ANL TO 1000# /30 MIN FOR MIT. OK. PUMP OUT PLUG. FLOWBACK WELL. UNTIL CLEAN. REL WELL TO PROD. FINAL REPORT

===== PERFORATIONS =====
perfs 5351-81, 5391-5410, 5421-38 (no change)

RECEIVED

DEC 27 2000

DIVISION OF
OIL, GAS AND MINING

ExxonMobil Production Com
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.

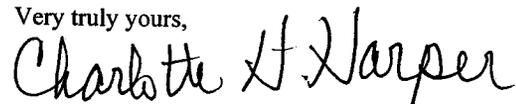
Please note the change of name of MOC to ExxonMobil Oil Corporation in your records pertaining to any MOC permits.

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 27 2001

DIVISION OF
OIL, GAS AND MINING



United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

XXXXXXXXXXXXXXXXXXXX
Navajo Area Office
NAVAJO REGION

P.O. Box 1060
Gallup, New Mexico 87305-1060

AUG 30 2001

IN REPLY REFER TO:

RRES/543

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

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

Dear Ms. Harper:

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

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

Sincerely,

DEMMI DENETSONE

Regional Realty Officer

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

MINERAL RESOURCES	
ADM J. <i>DMC</i>	_____
NATV AM MIN COURD	_____
SOLID MIN TEAM	_____
PETRO MENT TEAM <i>2</i>	_____
O & G INSPECT TEAM	_____
ALL TEAM LEADERS	_____
LAND RESOURCES	_____
ENVIRONMENT	_____
FILES	_____

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

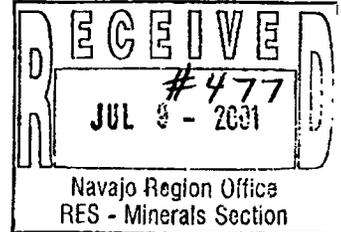
AB 7/12/2001
SH
593
File

June 27, 2001

ExxonMobil
Production

Certified Mail
Return Receipt Requested

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



Change of Name -
Mobil Oil Corporation to
ExxonMobil Oil Corporation

Dear Ms. Denetsone:

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

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

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

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

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

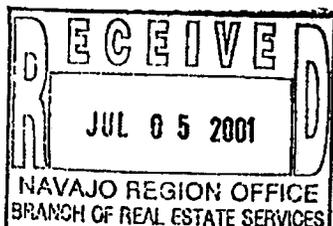
If you have any questions, please contact Alex Correa at (713) 431-1012.

Very truly yours,

Charlotte H. Harper

Charlotte H. Harper
Permitting Supervisor

Attachments



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

NOTE: Check forwarded to Ella Isaac

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

Gentlemen:

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

OFFICERS

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

DIRECTORS

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

Sincerely,



Alex Correa

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



Signature

AGENT AND ATTORNEY IN FACT

Title

CERTIFICATION

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

CHANGE OF COMPANY NAME

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

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

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

ExxonMobil Oil Corporation",

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

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

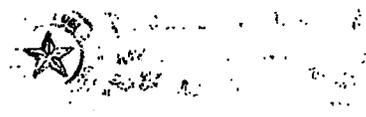
WITNESS, my hand and the seal of the Corporation at Irving, Texas, this 8th day of June, 2001.

S. A. Sullivan
Assistant Secretary

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

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

Janice M. Phillips
Notary Public



LISTING OF LEASES OF MOBIL OIL CORPORATION**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

100 West Loop South, Suite 1900, Houston, Texas 77027-3307
Telephone: (713) 227-4600 • 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

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



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

Kenneth 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 09:00 NO.137 03/04

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

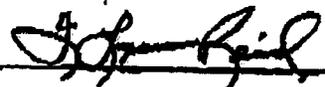
IN WITNESS WHEREOF, this Certificate has been signed this 22nd Day of May, 2001.



F. A. Risch, President 

STATE OF TEXAS)
)
COUNTY OF DALLAS)

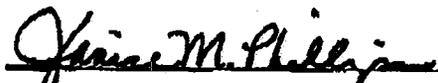
F. L. REID, being duly sworn, deposes and says that he is the Secretary of MOBIL OIL CORPORATION, the corporation mentioned and described in the foregoing instrument; that he has read and signed the same and that the statements contained therein are true.



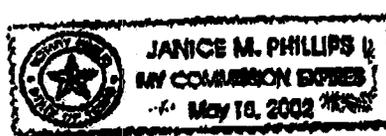
F. L. REID, Secretary

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

[SEAL]



NOTARY PUBLIC, STATE OF TEXAS



CSC
CSC

5184334741

06/01 '01 09:01 NO.411 02/02
06/01 '01 09:06 NO.152 04/04
F010601000187

CSC 45

CERTIFICATE OF AMENDMENT

OF

MOBIL OIL CORPORATION

Under Section 805 of the Business Corporation Law

SAC

**STATE OF NEW YORK
DEPARTMENT OF STATE**

100 cc

Filed by: EXXONMOBIL CORPORATION
(Name)

FILED JUN 01 2001

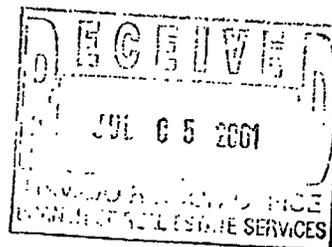
6949 Las Colinas Blvd.
(Mailing address)

TAX \$ _____
BY: *SAC*

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

ny Albany

Cost Ref # 165578 MPJ



010601000195

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

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

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



Special Deputy Secretary of State

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **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 Q-12A	32-40S-25E	43-037-31677	5980	INDIAN	WI	A
NAVAJO TRIBE P-20 (R-09)	33-40S-25E	43-037-16147	5980	INDIAN	WI	A
NAVAJO P-9 (S-12)	33-40S-25E	43-037-16150	5980	INDIAN	WI	A
NAVAJO TRIBE P-13 (U-12)	33-40S-25E	43-037-16155	5980	INDIAN	WI	A
MCELMO CR T-09A	33-40S-25E	43-037-30080	5980	INDIAN	WI	A
NAVAJO TRIBE P-15 (S-10)	33-40S-25E	43-037-16375	99990	INDIAN	WI	A
NAVAJO TRIBE P-16 (U-10)	33-40S-25E	43-037-16381	99990	INDIAN	WI	A
MCELMO CR R-11A	33-40S-25E	43-037-30179	99990	INDIAN	WI	A
MCELMO CREEK G-14	01-41S-24E	43-037-16143	5980	INDIAN	WI	A
NAVAJO TRIBE R-5 (MCELMO G-16)	01-41S-24E	43-037-16144	5980	INDIAN	WI	A
MCELMO CREEK I-14	01-41S-24E	43-037-16145	5980	INDIAN	WI	A
NAVAJO 13-2 (MCELMO H-15)	01-41S-24E	43-037-15495	99990	INDIAN	WI	A
NAVAJO TRIBE R-4 (MCELMO F-13)	01-41S-24E	43-037-16345	99990	INDIAN	WI	A
NAVAJO TRIBE R-2 (MCELMO H-13)	01-41S-24E	43-037-16351	99990	INDIAN	WI	A
MCELMO CREEK U F-15A	01-41S-24E	43-037-31149	99990	INDIAN	WI	A
MCELMO CREEK E-16	02-41S-24E	43-037-15616	5980	INDIAN	WI	A
MCELMO CREEK C-14	02-41S-24E	43-037-16265	5980	INDIAN	WI	A
MCELMO CREEK E-14	02-41S-24E	43-037-16268	5980	INDIAN	WI	A
NAVAJO TRIBE 2B (MCELMO D-13)	02-41S-24E	43-037-16267	99990	INDIAN	WI	A
NAVAJO C-2 (MCELMO D-15)	02-41S-24E	43-037-16341	99990	INDIAN	WI	A

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

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

7. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 06/01/2001

8. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

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

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 04/16/2002
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 04/16/2002
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE WELL(S) BOND VERIFICATION:

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

FEDERAL WELL(S) BOND VERIFICATION:

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

INDIAN WELL(S) BOND VERIFICATION:

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

FEE WELL(S) BOND VERIFICATION:

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

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

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: 14-20-603-4032
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 Tribal
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Injection</u>		7. UNIT or CA AGREEMENT NAME: McElmo Creek Unit
2. NAME OF OPERATOR: Exxon Mobil Corporation		8. WELL NAME and NUMBER: McElmo Creek Unit # I-14
3. ADDRESS OF OPERATOR: P.O. Box 4358 CITY Houston STATE TX ZIP 77210-4358		9. API NUMBER: 4303716145
PHONE NUMBER: (281) 654-1936		10. FIELD AND POOL, OR WILDCAT: Greater Aneth
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980' FNL & 660' FEL		COUNTY: SAN JUAN
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 1 41S 24E		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: _____	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input checked="" type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input 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.

Attached please find the casing repair plan and acidizing plan submitted to the BLM. The BLM has given us a due date of September 29, 2003 to complete the work proposed.

Attachment - 2 pages

ExxonMobil Production Company
a division of Exxon Mobil Corporation, acting for
Mhbil Producing Texas and New Mexico Inc

COPY SENT TO OPERATOR
 Date: 9-5-03
 Initials: CHO

NAME (PLEASE PRINT) <u>Tiffany A. Stebbins</u>	TITLE <u>Staff Office Assistant</u>
SIGNATURE <u>Tiffany Stebbins</u>	DATE <u>9/2/2003</u>

(This space for State use only)

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

Federal Approval Of This
Action Is Necessary

RECEIVED

SEP 04 2003

DIV. OF OIL, GAS & MINING

(5/2000)

Date: 9/5/2003
By: [Signature]
(See Instructions on Reverse Side)

ATTACHMENT

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 re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

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

SUBMIT IN TRIPLICATE - Other Instructions on reverse side		5. Lease Serial No. 14-20-603-4032
		6. If Indian, Allottee or Tribe Name NAVAJO TRIBAL
		7. If Unit or CA/Agreement, Name and/or No. McElmo Creek Unit
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other INJECTION WELL		8. Well Name and No. McElmo Creek Unit I-14
2. Name of Operator Exxon Mobil Corporation		9. API Well No. 43-037-16145
3a. Address P.O. Box 4358 Houston TX 77210-4358	3b. Phone No. (include area code) (281) 654-1936	10. Field and Pool, or Exploratory Area GREATER ANETH
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1980' FNL & 660' FEL Sec 1 T41S R24E SE/NE		11. County or Parish, State SAN JUAN UT

Additional Remarks

1. Test rig anchors before rigging up. Install new anchors as needed. Dig 100 bbls workover pit.
 2. MIRU WSU. Check the pressures on all casing annuli. Attempt to bleed annulus pressure to zero. For pressures that will not bleed to zero, review with workover supervisor. Displace tubing with 10# brine water. SI well overnight. Read pressure and calculate KWF + 200 psi overbalance.
 3. MIRU WLSU. PU and RIH with profile plug. Set plug in 1.81" profile @ 5,265'. POOH with WLSU. Install pressure gauge in annulus and monitor casing pressure while testing tubing. Test tubing and plug to 3,000 psi. Bleed off pressure. Set BPV valve in wellhead. ND tree and NU BOP. Test BOP per ExxonMobil guidelines. Bleed off pressure. Pull BPV.
 4. If wellhead is not equipped with a seat for the BPV valve, RIH with tubing punch and wireline. Perforate tubing with 4 holes at 5,270'. POOH with wireline. Establish circulation with KWF. Once circulation is established, RDMO WLSU. Circulate KWF. ND tree and NU BOP. Test BOP per ExxonMobil guidelines.
 5. RIH with wireline and fish 1.81" profile plug.
 6. Release Guiberson Uni-VI packer. Circulate wellbore with KWF. POOH with 2-7/8" CL tubing, on/off tool, profile nipple and packer. Lay down any tubing found to be in poor condition. Send packer for repairs or replacement.
 7. MI and rack 2-3/8" 4.7# N-80 workstring. PU and RIH with 3-7/8" rock bit, 4 1/2" 9.5# casing scraper, 6 x 2-7/8" drill collars and workstring. Tag fill or PBTB (PBTB @ 5,440'). If fill is found to be present, establish circulation and clean out wellbore to PBTB. Circulate wellbore clean.
 8. POOH with workstring, drill collars, casing scraper and bit. Lay down drill collars, casing scraper and bit.
 9. PU and RIH with 4-1/2" RBP, 4-1/2" test packer and workstring. Set RBP @ 5,281'. Circulate out KWF and replace with 10ppg brine. Set test packer @ 5,250'. Test casing between packer and plug. If casing below test packer test ok, test casing above test packer. If casing above test packer test ok, RBIH, circulate KWF, latch into RBP and POOH.
- NOTE:** If casing between the test packer and the test plug indicates a leak and the remaining casing test good, rerun the injection equipment and set the injection packer at 5,225' (within 100' of top perforations).
10. If the casing test in step # 9 indicated a casing leak, continue. If the test in step # 9 did not indicate a casing leak, skip to step # 16.
 11. If casing above test packer indicates a possible casing leak, begin moving the packer up the hole, testing at different intervals until the top and bottom of all casing leaks are located. Establish injection rate and pressure into casing leaks. Notify Houston Engineering with test information prior to continuing job.

12. If casing leak is located and engineering decides to repair the leak, POOH with test packer. Dump 2 sx sand on top of RBP. PU and RIH with 4-1/2" CICR and set 50' above the leak interval. Test the CICR to 1000 psi. Bleed off pressure. Latch out of CICR and latch back in to insure the ability to unlatch and latch. MIRU BJ Services and squeeze casing leak as determined by engineering. Latch out of CICR and pull up above CICR. Reverse circulate workstring clean. Test casing to 1000 psi. Let cement set. RDMO BJ Services.

13. POOH with workstring. PU and RIH with 3-7/8" bit and 6 x 2-7/8" drill collars. Tag CICR and establish circulation. Drill CICR and cement. Circulate wellbore clean. Test casing to 1000 psi.

14. POOH with workstring, drill collars and bit. Lay down drill collars and bit.

15. PU and RIH with retrieving head for RBP and workstring. Tag sand on top of RBP. Establish circulation and circulate sand off the top of the RBP. Circulate KWF. Latch into RBP and POOH and lay down workstring and RBP.

16. PU and RIH with replacement injection packer, on/off tool with 1.81" profile and 2-7/8" injection tubing. Run tubing with profile plug in place. NOTE: If tubing test in step # 4 failed, MIRU tubing testers and test tubing while running in the hole.

17. Set packer @ 5,281. Pressure test tubing to 4000 psi. Test casing to 1000 psi and perform simulated MIT. Latch off of on/off tool. Circulate annulus with packer fluid. Latch back onto on/off tool. PU and set BPV valve in wellhead. ND BOP and NU tree. Pull BPV valve. Test tubing to 4,000psi and test casing to 1,000psi to insure wellhead integrity.

18. MIRU Slickline Unit. NU slickline BOP and Lubricator. Test per ExxonMobil guidelines. RIH with slickline and fish profile plug. POOH with slickline and profile plug. RDMO SlicklineUnit.

19. Clean location and RDMO WSU.

ACID PROCEDURE

20. MIRU BJ Services to bullhead acidize as follows:

a. Perform a titration or hydrometer test on the acid on location. The correct Hydrometer reading should around 1.06-1.08 specific gravity. Continually roll acid tanks while on location in order to keep inhibitor in solution.

b. Gather all involved personnel and hold a safety meeting

c. Complete JSA/JSC

d. Prior to acid treatment, have BJ Services collect fluid samples and test for correct additive

e. With the treating lines staked and chained, test lines to 5000 psi

f. Displace 250 gal of 15% HCl acid to end of tubing with 30 bbls of fresh water. Flow acid back to pit.

g. Pump 40 gal 15% HCl acid across perforations from 5,351'-5,438'. Let soak for 1 hour. Flow acid back to pit.

h. Pressure annulus to 500 psi. Install annular pressure gauge and monitor through out the acid job.

i. Bullhead 1,869 gal 15% HCl acid with additives into perforations at a maximum rate of 3 bpm. Do not exceed 3,000 psi. Flush with 100 bbls fresh water. ND BJ Services and RDMO.

j. Bleed pressure from casing annulus. Perform simulated MIT.

21. Notify NNEPA, USEPA and BLM 48hrs prior to completing an official MIT. Send results to Tiffany Stebbins in Houston.

22. Place well on injection.

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

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

DATA ENTRY:

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

BOND VERIFICATION:

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

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

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

UIC FORM 5

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"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input checked="" type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: _____
<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

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

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

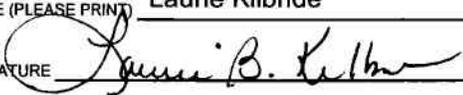
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

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

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

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

(This space for State use only)

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

RECEIVED
APR 21 2006

DIV. OF OIL, GAS & MINING

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

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

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

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

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

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