

# FILE NOTATIONS

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

Checked by Chief R. J. D.  
 Copy NID to Field Office ✓  
 Approval Letter ✓  
 Disapproval Letter \_\_\_\_\_

## COMPLETION DATA:

Date Well Completed 9-21-60  
 OW ✓ WW \_\_\_\_\_ TA \_\_\_\_\_  
 GW \_\_\_\_\_ OS \_\_\_\_\_ PA \_\_\_\_\_

Location Inspected \_\_\_\_\_  
 Bond released \_\_\_\_\_  
 State of Fee Land \_\_\_\_\_

## LOGS FILED

Driller's Log 11-21-60  
 Electric Logs (No. ) 3

E \_\_\_\_\_ I \_\_\_\_\_ E-I ✓ GR \_\_\_\_\_ GR-N ✓ Micro ✓  
 Lat \_\_\_\_\_ Mi-L \_\_\_\_\_ Sonic \_\_\_\_\_ Others \_\_\_\_\_

**Navajo**

Form 9-331b  
(April 1952)

(SUBMIT IN TRIPLICATE)

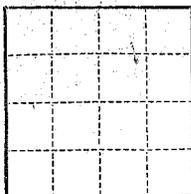
Indian Agency \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Tribal \_\_\_\_\_

Allottee **14-20-603-5447**

Lease No. \_\_\_\_\_



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)

Cortez, Colorado November 25, 1959

Navajo "B"

Well No. **2** is located **660** ft. from **24S** line and **1830** ft. from **5W** line of sec. **11**

NW, NE Sec. 11

41S

24S

S.L.M.

(4 Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

McLain Creek

San Juan

Utah

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the ~~surface~~ **Ungraded Ground** above sea level is **4470.0** 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)

Drill 17-1/2" hole to a approximately 160', set 160' of 13-3/8" conductor pipe and cement to surface. Drill 11" hole to approximately 1600', set 2-5/8" casing and cement to surface. Drill 7-7/8" hole to total depth of approximately 5500', run 5-1/2" casing and cement with approximately 250 sacks cement. Complete in Desert Creek Formation.

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

**Phillips Petroleum Company**

Company \_\_\_\_\_

Address **P. O. Drawer 1150**

**Cortez, Colorado**

By **C. M. Boles**

**District Superintendent**

Title \_\_\_\_\_

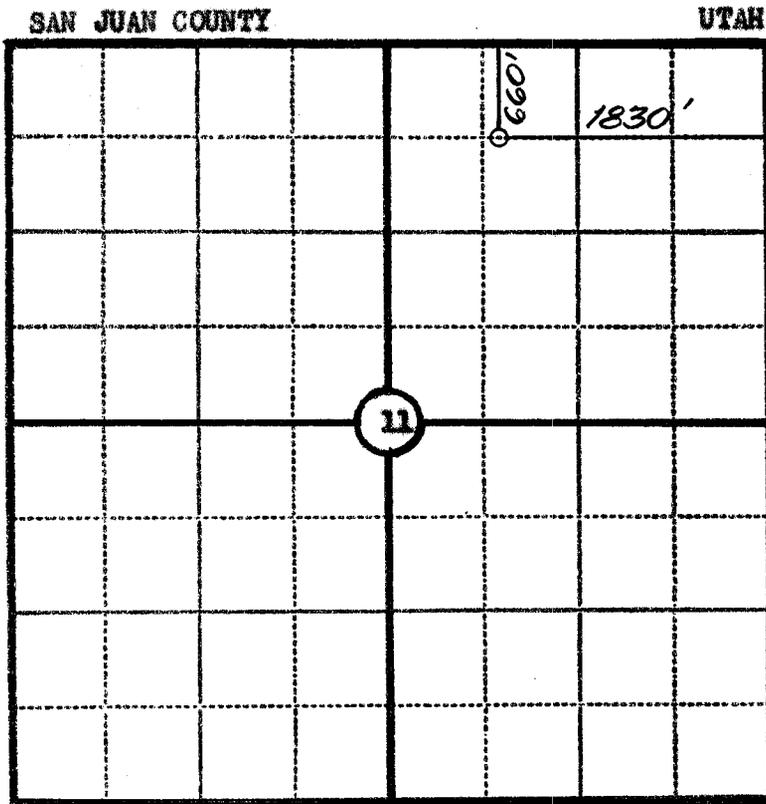
Company **PHILLIPS PETROLEUM COMPANY**

Lease **Navajo "H"** Well No. **2**

Sec. **11**, T. **41 S.**, R. **24 E.**, S.L.M.

Location **660' FROM THE NORTH LINE AND 1830' FROM THE EAST LINE.**

Elevation **4470.0 Ungraded Ground**



Scale—4 inches equal 1 mile

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

Seal:

*James P. Leese*  
Registered Land Surveyor.

**James P. Leese**  
**Utah Reg. No. 1472**

Surveyed **17 September**, 19 **59**

May 24, 1960

Phillips Petroleum Co.  
P. O. Drawer 1150  
Cortez, Colorado

Attention: C. M. Boles, Dist. Superintendent

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo "H" 2, which is to be located 660 feet from the north line and 1830 feet from the east line of Section 11, Township 41 South, Range 24 East, SLM, 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 has not been spudded in within said period.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT,  
EXECUTIVE SECRETARY

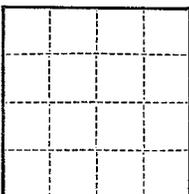
CBF:awg

cc: P. T. McGrath, Dist. Eng.  
U. S. Geological Survey  
Farmington, New Mexico

Form 9-381b  
(April 1962)

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo  
Tribal  
Allottee 14-20-603-5447  
Lease No. \_\_\_\_\_



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			
<b>Request for Extension of Time to Start Drilling</b>	<b>X</b>		

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

**Navajo "H"** 2 is located 660 ft. from N line and 1630 ft. from E line of sec. 11  
NW, NE Sec. 11 41S 24E SLM  
(1/4 Sec. and Sec. No.) (Twp.) San Juan (Range) (Meridian) Utah  
(Field) ungraded ground (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4470.0 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)

This form is submitted to request approval of extension of time to start drilling above well to 90 days from date of extension approval.

Original form dated November 25, 1959, was approved by U.S.G.S., Farmington, New Mexico, office on January 19, 1960. Delay in starting drilling operations was caused by delay in obtaining approval of the Utah Oil & Gas Conservation Commission, and beyond control of Phillips Petroleum Company.

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

Company Phillips Petroleum Company  
 Address P. O. Drawer 1150  
Cortes, Colorado  
 By C. M. Boles  
 Title District Superintendent

INITIAL WELL TEST

McELMO CREEK UNIT # D-17

DATE September 21, 1960

OIL BBL/DAY 233

OIL GRAVITY 40.8

GAS CU.FT/DAY 145,000

GAS-OIL RATIO CU/FT/BBL 608

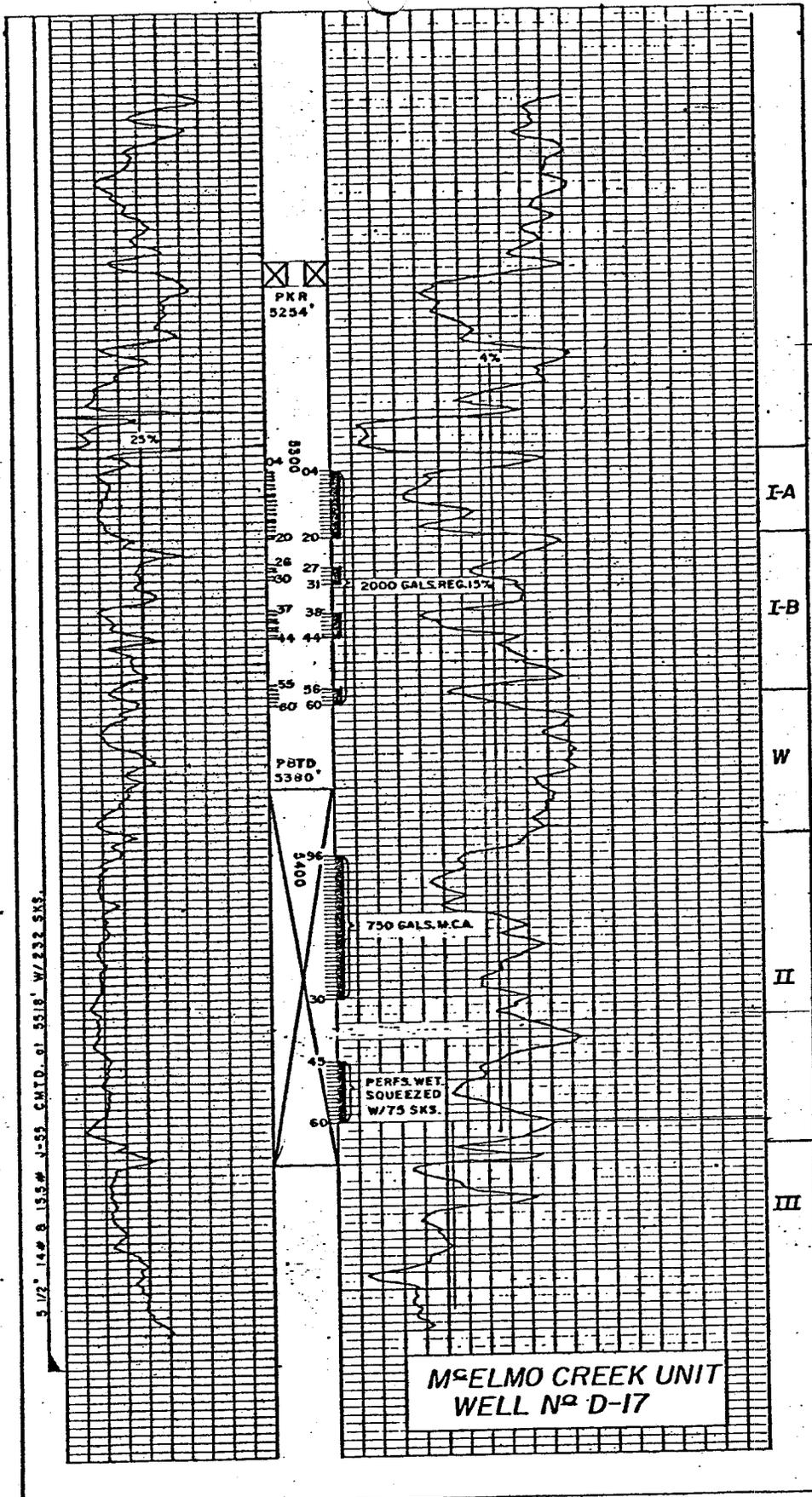
WATER BBL/DAY 0

PUMPING/FLOWING F

CHOKE SIZE 3/4"

FLOW TUBING PRESSURE 100

10-26-66: Squeezed with 150 sacks cement, Drilled out to 5380';  
 Perfed 5304-20', 5326-30', 5337-44', 5355-60'. Treated with 5400 gals 28% acid run tubing to 5258' set Packer at 5254'.  
 Converted to Injection well.  
 8-8-69: Treated w/1000 gals 15% Iron acid  
 10-5-70: Treated all perf's 5304-60' w/1000 gals M-91 formation cleaner & 3000 gals 28% acid



McELMO CREEK UNIT  
 WELL N<sup>o</sup> D-17

McELMO CREEK UNIT  
 THE SUPERIOR OIL CO. OPERATOR  
 NW NE SEC. II, T41S, R24 E.  
 SAN JUAN COUNTY, UTAH  
 ELEV. 4476' K.B. ID. 5548'

REV: 12-16-70

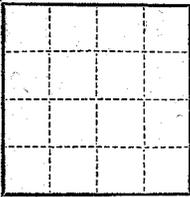
Well No. D-17

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee Tribal  
11-20-603-5447  
Lease No. \_\_\_\_\_



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

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

Navajo "H"

Cortez, Colorado November 16, 19 60

Well No. 2 is located 660 ft. from N line and 1830 ft. from E line of sec. 11

NW NE Sec. 11

41S

24E

SLM

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

(Twp.)

(Range)

(Meridian)

McElmo Creek

San Juan

Utah

(Field)

(County or Subdivision)

(State or Territory)

ungraded ground

The elevation of the ~~surface~~ above sea level is 4470.0 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 8:00 A.M. 8/13/60. Drilled 12-1/4" hole to 190'. Reamed 17-1/4" hole to 171'. Set and cemented 4 jts. 13-3/8" OD, 27.1# Armo SW SJ casing at 171' with 175 sks. regular cement, 2% Calcium Chloride. Pumped plug to 146' at 1:10 A.M. 8/14/60. Cement circulated.

Drilled 11" hole to 1256'. Set and cemented 41 jts. 8-5/8" OD 24# J-55 3rd ST&C Rg 2 casing at 1255.14' with 675 sks. regular cement, 1/4#/sk. Flocele, 1/2#/sk. Tuff Plug followed with 125 sks. regular cement. Cement bridged leaving 375 sks. in pipe, 425 sks. in annulus. Had slight cement returns. Had water flow.

Squeezed water flow with 75 sks. cement. Waited 1 hour, cleaned cement from blow out preventer. Closed blow out preventer, had water flow from rat hole.

(Continued on back)

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

Company Phillips Petroleum Company

Address Drawer 1150

Cortez, Colorado

By C. M. Boles

Title District Superintendent



Copy to HC  
Utah

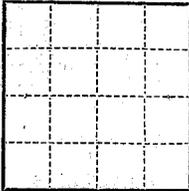
Copy to HC  
128

Form 9-331 b  
(April 1952)

Budget Bureau No. 42-R359.4  
Approval expires 12-31-60.

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee Tribal

Lease No. 14-20-603-5447

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

Cortez, Colorado      November 16, 19 60

Navajo "H"  
Well No. 2 is located 660 ft. from N line and 1830 ft. from E line of sec. 11  
NW NE Sec. 11      41S      24E      SLM  
(1/4 Sec. and Sec. No.)      (Twp.)      (Range)      (Meridian)  
McElmo Creek      San Juan      Utah  
(Field)      (County or Subdivision)      (State or Territory)

The elevation of the ~~ground surface~~ ungraded ground above sea level is 4470.0 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)

Ran collar locator log to 5484'. Perforated 5-1/2" casing with 4 J-2 rocket jet shots per foot from 5445-60' EL and RL measure. Ran 107 jts. 2-7/8" OD BUE J-55 tubing with Baker EGJ hookball packer and Guberson hydraulic holddown. Tubing set 5484.32'. Packer at 5414'. Released rotary at 9:00 A.M. 9/14/60 and moved out. Moved in well service unit. Snabbed 5-1/4 hours, recovered 31 barrels salt water, no oil or gas.

Lowered fluid level in tubing from 2600 to 3600'. Pulled tubing. Reran tubing with Baker DC cement retainer. Set retainer at 5437'. Tested casing with 1500#. Tubing at 4400#. Broke formation with 4000#. Pumped 5 barrels water at 4400#, bled to 0# in 5 minutes. Mixed 75 sks. regular cement with 3% Diacel LML, 3% Diacel "A", or 75 sks regular cement with 2 1/2% Diacel LML and 2 1/2% Diacel "A". Squeezed cemented perforations 5445-60 with 47 sks. at 4400# maximum pressure, 3400# holding pressure. Reversed out 28 sacks. (Continued on back)

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

Company Phillips Petroleum Company

Address Box 1150

Cortez, Colorado

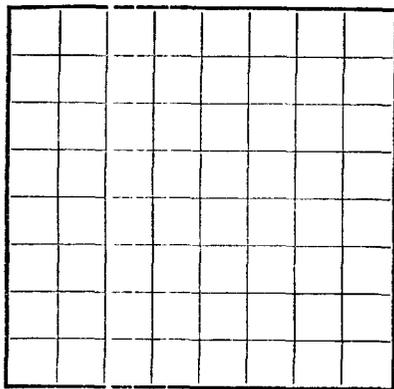
By [Signature]  
G. M. Boles  
Title District Superintendent

(Continued)

Pulled tubing. Perforated 5-1/2" casing 5396-5430 EL and RL measure with 4 jet shots per foot. Ran 2-1/2" BUE tubing, set Baker Model EQJ hookwall packer at 5297', bottom of tubing at 5432'. Acidized perforations with 750 gallons 15% mud acid with 150# maximum pressure, 0# minimum pressure. Flowed to test tank 11-3/4 hours, 3/4" Choke, 113 BO, 0 water, GOR 694, TP 215#. Killed well. Pulled tubing and packer. Perforated 5-1/2" casing 5304-20', 5327-31', 5338-44' and 5356-60' EL and RL measure with 4 jet shots per foot. Ran 2-1/2" tubing, set hookwall packer at 5375 with bull plug in bottom. Side door choke 5371. Lane Wells anchor packer at 5204'. Acidized perforations 5304-20, 5327-31, 5338-44, 5356-60 with 2000 gallons regular 15% acid. Injection rate 1 BPM. Maximum pressure 1375#. Formation taking acid at 1000#. Flushed with 34 barrels salt water. Maximum pressure 1000#, flush rate 2.5 BPM. Pulled tubing and packers. Ran 2-1/2" BUE tubing with Baker hookwall packer. Set tubing at 5420.96'. Packer at 5287'. 9/21/60: Flowed 330 BO, 200.6 MCF Gas, no water in 24 hours through 3/4" choke, FTP 100#, GOR 608. Producing from Desert Creek zone.

NOV 2 1960

U. S. LAND OFFICE Navajo  
SERIAL NUMBER 14-20-603-5447  
LEASE OR PERMIT TO PROSPECT Tribal



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Phillips Petroleum Co. Address Drawer 1150, Cortez, Colorado  
Lessor or Tract Navajo "H" Field McElmo Creek State Utah  
Well No 2 Sec. 11 T. 41S R. 24E Meridian SLM County San Juan  
Location 660 ft. N of N Line and 1830 ft. W of E Line of Sec. 11 Elevation 4475  
(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 C. M. Boles  
Title District Superintendent

Date November 16, 1960

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

Commenced drilling August 13, 1960 Finished drilling September 12, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

In all sands above 1250 and from 2415 to 2565  
No. 1, from \_\_\_\_\_ 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	7.1	8 1/2	Armco	164	Halliburton	5248	5460	5248-5460	Removed off
8-5/8	6.0	8 1/2	Armco	125	Halliburton	5300	5435	5300-5435	Removed off
5-1/2	4.5	8 1/2	Armco	930	Halliburton	5327	5331	5327-5331	" "
5-1/2	4.5	8 rd	J-5	120	Halliburton	5338	5344	5338-5344	" "
						5356	5360	5356-5360	" "

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	172	175	Circulated		
8-5/8	1255	800 cu. ft. 1/4" / sk Floccs, 1/4" / sk Tuff	Plug cement bridged		Refer back of sheet for details of squeezing
5-1/2	5517	125 sks cement on bottom			
5-1/2	5517	500 cu. ft.	Halliburton		/off water flow.

PLUGS AND ADAPTERS  
Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ IN. ID. \_\_\_\_\_ Depth set \_\_\_\_\_  
Adapter—Material \_\_\_\_\_ Size \_\_\_\_\_

MARK	13-3/8	171	175	Circulated
	8-5/8	1255	800 con, 1/4#/sk Floccs, 1/4#/sk Tuff Plug; cement bridged. Refar back of	
	5-1/2	5517	125 sks cement on bottom	/sheet for details of aquering
			500 cu. ft.	Halliburton

**FOLD**

PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_

Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

**SHOOTING RECORD**

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

**TOOLS USED**

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**DATES**

Put to producing \_\_\_\_\_, 19\_\_\_\_

**November 16**, 19\_\_\_\_ **60**

The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_ % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment.

If gas well, cu. ft. per 24 hours \_\_\_\_\_

Gravity, °Be \_\_\_\_\_

Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. \_\_\_\_\_

**EMPLOYEES**

Driller \_\_\_\_\_ Driller \_\_\_\_\_

Driller \_\_\_\_\_ Driller \_\_\_\_\_

**FORMATION RECORD**

FROM	TO	TOTAL FEET	FORMATION
Surface	1250	1250	Navajo - Kayenta - Wingate
1250	2145	895	Shinarump
2145	2250	105	
2250	2355	105	Honeohi
2355	2415	60	Cutler - Hookintal Equivalent
2415	2565	150	Cutler - DeChelly
2565	4345	1780	Cutler - Organ Rock
4345	5136	791	Utah Trail
5136	5497	361	Rusty Zone - Paradox
5497	5517	195	Desert Creek Zone - Paradox
		2181	Desert Creek Shale

**FORMATION RECORD - CONTINUED**

10-881

10-10001-1

FROM -	TO -	TOTAL FEET	FORMATION
Spudded 11:00 A.M. 8/13/60. Set and cemented regular cement, 2% Calcium Chloride. Cement circulated.	8/13/60. 13-3/8" O.D. 27.1#	12-1/4" hole to 190'. Reamed 17-1/4" hole to 171'. Pumped plug to 146' at 1:10 A.M. 8/14/60.	171' with 175 sks. regular cement, 2% Calcium Chloride. Pumped plug to 146' at 1:10 A.M. 8/14/60.
Drilled 11" hole to 1256'. Followed with 125 sks. regular cement. Had slight cement returns. Had water flow.	1256'	Set and cemented casing at 1255.14' with 675 sks. regular cement, 1/4#/sk. Floccs, 1/2#/sk. Tuff Plug in annulus. Had slight cement returns. Had water flow.	24# J-55 8rd ST&C Rg 2 casing at 1255.14' with 675 sks. regular cement, 1/4#/sk. Floccs, 1/2#/sk. Tuff Plug in annulus. Had slight cement returns. Had water flow.
Squeezed water flow with 75 sks. cement. Shut preventer.	75 sks. cement.	Waited 1 hour, cleaned cement from blow out preventer.	Waited 1 hour, cleaned cement from blow out preventer, had water flow from rat hole.
Cemented down annulus with 90 sacks regular cement, 15.4#/gallon slurry. Water flow shut off. Job completed at 2:45 P.M. 8/15/60.	90 sacks regular cement, 15.4#/gallon slurry.	Water flow shut off. Job completed at 2:45 P.M. 8/15/60.	Tested casing 1000# for 30 minutes - O.K.
Drilled 7-7/8" hole to 5302'. Cored from 5302 to 5500'. Reamed core hole to 7-7/8" hole to 5318' at 9:00 A.M. 9-12-60. Set and cemented 1 jt 5-1/2" O.D. 15# and 172 jts. 5-1/2" O.D. 14# J-55 casing at 5517.30 with 132 sks. regular cement, 100 sks. Model "D", 4.9% Calcium Chloride. Pumped plug to 5488' with 1800# maximum pressure at 12:15 A.M. 9/13/60. Tested casing with 1000# for 30 minutes - O.K.	5302' to 5500'	Cored from 5302 to 5500'. Reamed core hole to 7-7/8" hole to 5318' at 9:00 A.M. 9-12-60. Set and cemented 1 jt 5-1/2" O.D. 15# and 172 jts. 5-1/2" O.D. 14# J-55 casing at 5517.30 with 132 sks. regular cement, 100 sks. Model "D", 4.9% Calcium Chloride. Pumped plug to 5488' with 1800# maximum pressure at 12:15 A.M. 9/13/60. Tested casing with 1000# for 30 minutes - O.K.	Set and cemented 1 jt 5-1/2" O.D. 15# and 172 jts. 5-1/2" O.D. 14# J-55 casing at 5517.30 with 132 sks. regular cement, 100 sks. Model "D", 4.9% Calcium Chloride. Pumped plug to 5488' with 1800# maximum pressure at 12:15 A.M. 9/13/60. Tested casing with 1000# for 30 minutes - O.K.
Ran collar locator log to 5484'. Perforated 5-1/2" casing with 2 rocket jet shots per foot from 5445-60' EL and RL measure. Ran 107 jts. 2-7/8" O.D. EUE J-55 tubing with Baker hookwall packer and Culbertson hydraulic holddown. Tubing set 5484.32'. Packer at 5414'. Released rotary at 9:00 A.M. 9/14/60, and moved out. Moved in well service unit. Snabbed 5-1/4 hours, recovered 31 barrels salt water, no oil or gas.	5484'	Perforated 5-1/2" casing with 2 rocket jet shots per foot from 5445-60' EL and RL measure. Ran 107 jts. 2-7/8" O.D. EUE J-55 tubing with Baker hookwall packer and Culbertson hydraulic holddown. Tubing set 5484.32'. Packer at 5414'. Released rotary at 9:00 A.M. 9/14/60, and moved out. Moved in well service unit. Snabbed 5-1/4 hours, recovered 31 barrels salt water, no oil or gas.	Perforated 5-1/2" casing with 2 rocket jet shots per foot from 5445-60' EL and RL measure. Ran 107 jts. 2-7/8" O.D. EUE J-55 tubing with Baker hookwall packer and Culbertson hydraulic holddown. Tubing set 5484.32'. Packer at 5414'. Released rotary at 9:00 A.M. 9/14/60, and moved out. Moved in well service unit. Snabbed 5-1/4 hours, recovered 31 barrels salt water, no oil or gas.
Lowered fluid level in tubing from 2600' to 3600'. Pulled tubing. Reran tubing with Baker DC cement retainers. Set retainer at 5437'. Tested casing with 1500#. Tubing at 4400'. Broke formation with 4000#. Pumped 5 barrels water at 4400', bled to 0# in 5 minutes. Mixed 75 sks. regular cement with .3% Diacel LML, 3% Diacel "A", or 75 sks. regular cement with 21# Diacel "L" and 211# Diacel "A". Squeezed cemented perforations 5445-60 with 47 sks. at 4400# maximum pressure, 3400# holding pressure. Reversed out 28 sacks.	2600' to 3600'	Pulled tubing. Reran tubing with Baker DC cement retainers. Set retainer at 5437'. Tested casing with 1500#. Tubing at 4400'. Broke formation with 4000#. Pumped 5 barrels water at 4400', bled to 0# in 5 minutes. Mixed 75 sks. regular cement with .3% Diacel LML, 3% Diacel "A", or 75 sks. regular cement with 21# Diacel "L" and 211# Diacel "A". Squeezed cemented perforations 5445-60 with 47 sks. at 4400# maximum pressure, 3400# holding pressure. Reversed out 28 sacks.	Pulled tubing. Reran tubing with Baker DC cement retainers. Set retainer at 5437'. Tested casing with 1500#. Tubing at 4400'. Broke formation with 4000#. Pumped 5 barrels water at 4400', bled to 0# in 5 minutes. Mixed 75 sks. regular cement with .3% Diacel LML, 3% Diacel "A", or 75 sks. regular cement with 21# Diacel "L" and 211# Diacel "A". Squeezed cemented perforations 5445-60 with 47 sks. at 4400# maximum pressure, 3400# holding pressure. Reversed out 28 sacks.
Pulled tubing. Perforated 5-1/2" casing 5304-20', 5327-31', 5338-44' and 5356-60' EL and RL measure with 4 jet shots per foot. Ran 2-1/2" EUE tubing, set Baker Model 104 hookwall packer at 5297', bottom of tubing at 5432'. Acidized perforations with 750 gallons 15% mud acid with 150# maximum pressure, 0# minimum pressure. Flowed to test tank 11-3/4 hours, 3/4" choke, 113 BO, 0 water, GOR 60%, FTP 15%. Killed well. Pulled tubing and packer. Perforated 5-1/2" casing 5304-20', 5327-31', 5338-44' and 5356-60' EL and RL measure with 4 jet shots per foot. Ran 2-1/2" tubing, set hookwall packer at 5375 with bull plug in bottom. Side door choke 5371. Lane Wells anchor packer at 5204'. Acidized perforations 5304-20, 5327-31, 5338-44, 5356-60 with 2000 gallons regular 15% acid. Injection rate 1 BPM, maximum pressure 1775#. Formation taking acid at 1000#. Flushed with 34 barrels salt water. Maximum pressure 1000#, flush rate 2.5 BPM. Pulled tubing and packer. Ran 2-1/2" EUE tubing with Baker hookwall packer. Set tubing at 5420.96'. Packer at 5287'. 9/21/60 Flowed 990 BO, 200.6 MCF Gas, no water in 24 hours through 3/4" choke, FTP 100%, GOR 60%. Producing from reservoir.	5304-20', 5327-31', 5338-44' and 5356-60'	EL and RL measure with 4 jet shots per foot. Ran 2-1/2" tubing, set hookwall packer at 5375 with bull plug in bottom. Side door choke 5371. Lane Wells anchor packer at 5204'. Acidized perforations 5304-20, 5327-31, 5338-44, 5356-60 with 2000 gallons regular 15% acid. Injection rate 1 BPM, maximum pressure 1775#. Formation taking acid at 1000#. Flushed with 34 barrels salt water. Maximum pressure 1000#, flush rate 2.5 BPM. Pulled tubing and packer. Ran 2-1/2" EUE tubing with Baker hookwall packer. Set tubing at 5420.96'. Packer at 5287'. 9/21/60 Flowed 990 BO, 200.6 MCF Gas, no water in 24 hours through 3/4" choke, FTP 100%, GOR 60%. Producing from reservoir.	EL and RL measure with 4 jet shots per foot. Ran 2-1/2" tubing, set hookwall packer at 5375 with bull plug in bottom. Side door choke 5371. Lane Wells anchor packer at 5204'. Acidized perforations 5304-20, 5327-31, 5338-44, 5356-60 with 2000 gallons regular 15% acid. Injection rate 1 BPM, maximum pressure 1775#. Formation taking acid at 1000#. Flushed with 34 barrels salt water. Maximum pressure 1000#, flush rate 2.5 BPM. Pulled tubing and packer. Ran 2-1/2" EUE tubing with Baker hookwall packer. Set tubing at 5420.96'. Packer at 5287'. 9/21/60 Flowed 990 BO, 200.6 MCF Gas, no water in 24 hours through 3/4" choke, FTP 100%, GOR 60%. Producing from reservoir.

FOLD IN WRK

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUBMIT IN TRIPL. (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 [X] 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: NW NE Section 11, T41S, R24E San Juan County, Utah

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, OR, etc.) 4476' KB

5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-5447

6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo

7. UNIT AGREEMENT NAME McElmo Creek Unit

8. FARM OR LEASE NAME

9. WELL NO. #D-17

10. FIELD AND POOL, OR WILDCAT McElmo Creek

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

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF [ ] PULL OR ALTER CASING [ ] FRACTURE TREAT [ ] MULTIPLE COMPLETE [ ] SHOOT OR ACIDIZE [ ] ABANDON\* [ ] REPAIR WELL [ ] CHANGE PLANS [ ] (Other) Convert to Injection [X]

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

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

Propose to squeeze all perms with 300 sacks cement. Will drill out to 5380' and perforate the following intervals: 5304-20', 5326-30', 5337-44', 5355-60'. These perms will be treated with 10,000 gallons 28% acid. A packer will be set at 5250' on plastic lined tubing and the well will be placed on water injection service.

APPROVED BY UTAH OIL AND GAS CONSERVATION COMMISSION

DATE: 9-6-66 by Paul A. Burchell CHIEF PETROLEUM ENGINEER

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

SIGNED D. D. Kingman TITLE Production Engineer DATE 8/31/66

(This space for Federal or State office use)

APPROVED BY CONDITIONS OF APPROVAL, IF ANY: TITLE DATE

DDK/njh

\*See Instructions on Reverse Side

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

SUBMIT IN TRIPI FE\*  
(Other instructions re-  
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  GAS WELL  OTHER  **Water Injection Well**

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  
**NW NE SECTION 11, T41S, R24E  
SAN JUAN COUNTY, UTAH**

14. PERMIT NO. \_\_\_\_\_ 15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**4476' KB**

5. LEASE DESIGNATION AND SERIAL NO.  
**14-20-603-5447**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**Navajo**

7. UNIT AGREEMENT NAME  
**McElmo Creek**

8. FARM OR LEASE NAME \_\_\_\_\_

9. WELL NO.  
**#D-17**

10. FIELD AND POOL, OR WILDCAT  
**McElmo Creek**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**Sec. 11, 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:		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) <u>Convert to Injection</u> <input checked="" type="checkbox"/>	
(Other) _____		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

Squeezed with 105 sacks cement. Drilled out to 5380'. Perforated 5304-20', 5326-30', 5337-44', 5355-60' with 2 jets per foot. Treated with 5400 gallons 28% acid. Ran tubing to 5258' with packer at 5254'.

10/26/66 Injected water at 850 BPD rate with 1700 psi.

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

SIGNED D. D. Kingman TITLE Production Engineer DATE 10/31/66

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED AT THE BUREAU OF LAND MANAGEMENT  
 OCT 31 1966  
 FEDERAL BUREAU OF SURVEY  
 WASHINGTON, D. C. 20540

DDK/njh

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

**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. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Water Injection</u>		5. LEASE DESIGNATION AND SERIAL NO. <u>14-20-603-5447</u>
2. NAME OF OPERATOR <u>The Superior Oil Company</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <u>Navajo</u>
3. ADDRESS OF OPERATOR <u>P. O. Drawer 'G', Cortez, Colorado</u>		7. UNIT AGREEMENT NAME <u>McElmo Creek Unit</u>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  <u>660' FNL &amp; 1830' FEL, Section 11, T41S, R24E, S.L.M.</u>		8. FARM OR LEASE NAME
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) <u>4478' KB</u>	9. WELL NO. <u>MCU #D-17</u>
		10. FIELD AND POOL, OR WILDCAT <u>McElmo Creek</u>
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>NW NE Sec. 11, T41S, R24E</u>
		12. COUNTY OR PARISH <u>San Juan</u>
		13. STATE <u>Utah</u>

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

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

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

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

10/5/70 Treated all Desert Creek Zone I perfs 5304-5360' with 1,000 gal M-91 formation cleaner, 250 gal water, 3,000 gal 28% acid with 3,000 gal water flush. Displaced 200 gal M-91 into formation at 2 BPM at 1800 psi. Shut in for 15 minutes. Repeated procedure until 1,000 gal M-91 displaced. Displaced remainder of treatment at average of 2-1/4 BPM at 2500 psi. ISIP 2750 psi. 15 minute SIP 2400 psi.

Injection prior to acidizing 60 BWPD  
Injection subsequent to treatment 260 BWPD.

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

SIGNED D. D. Kingman TITLE District Engineer DATE 11/4/70

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

OGC/njh

\*See Instructions on Reverse Side

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

McELMO CREEK UNIT #D-17

NW NE, Sec. 11, T41S, R24E  
660' FNL & 1830' FEL  
San Juan County, Utah

FIELD: McELMO CREEK  
 KB: 4476' DF: 4475' GL: 4470' TD: 5518' PBD: 5380' TLD: 9' TOC: 4625'  
 SPUDED: 8-13-60 COMPLETED: 9-20-60  
 PAY ZONE: DESERT CREEK ZONE I (Injection)  
 PERFS: 5304-20', 5326-30', 5337-44', 5355-60'  
 CASING: 13-3/8" OD, 27.1#, Armco SW SJ w/ 175 sx reg cmt set at 171' 2% CaCl.  
 8-5/8" OD, 24#, J-55 8R, ST&C, R-2 w/ 675 sx reg cmt 1/4#/ sk  
 Flocele, 1/2#/ sk Tuff plug followed w/ 125 sx reg cmt set  
 at 1255'.  
 5-1/2" OD, J-55, 8R ST&C, R-2 w/ 132 sx reg cmt, 100 sx Diacel D.  
 496# CaCl set at 5517'.  
 TUBING: 2-7/8", J-55 cmt lined, C. S. Hydril set at 5254'.  
 PACKERS: 5-1/2" Lok-set packer at 5250'.  
 PUMP'G EQUIP: None  
 REMARKS:  
 WELL HEAD: 8" Ser 600/900

---

10-5-66 Acid job #1, HOWCO treated w/ 5400 gal 28% acid ISIP 1200#, 10 min  
SIP 1200#.  
 10-25-66 Halliburton treated w/ 10,000 gals 28% acid ISIP 2400#, 15 min  
SIP 1500#.  
 10-26-66 Converted to water injection well.  
 8-8-69 Dowell treated w/ 1,000 gal 15% iron acid ISIP 2450#, 15 min SIP  
2250#.  
 10-5-70 Dowell treated w/ 1,000 gal M-91 Formation Cleaner & 3000 gals 28%  
acid ISIP 2750#, 15 min SIP 2400#.  
 1-29-79 Treated w/ 288 barrels acid & 27,200# sand. Replaced 12 corroded  
tubing joints.  
 7-3-79 Replaced Lok-set packer & 4 tubing joints.

ATTACHMENT I

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

(a) Well Data Sheets.

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

- i. The average intervening thickness is 4000' between the existing injection interval and the deepest fresh water sand.
- ii. Maximum Surface Pressure: 2800 psig.  
 Maximum Rate: 4000 BWPD.

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

(5)

- (i) A throttling valve is installed on the wellhead to control injection rates and pressures.
- (ii) The source of injection water is Superior's production wells within the McElmo Creek Unit. The wells produce from the Ismay and Desert Creek formations with approximate depths of 5300' and 5460' respectively.

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

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

McElmo Creek Unit

(5) Cont.

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

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

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

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

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

(7) N/A.

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

(9) N/A.

(10) N/A.

CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW

Operator: Imperial Well No. Mc Elward Unit D17  
 County: San Juan T 41S R 24E Sec. 11 API# 43-227-15700  
 New Well  Conversion  Disposal Well  Enhanced Recovery Well

	YES	NO
UIC Forms Completed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Plat including Surface Owners, Leaseholders, and wells of available record	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Schematic Diagram	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fracture Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Pressure and Rate Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Adequate Geologic Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Fluid Source Desert Creek Spring

Analysis of Injection Fluid	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	TDS <u>60,000+</u>
Analysis of Water in Formation to be injected into	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	TDS <u>70,000+</u>

Known USDW in area Wingate Depth 1300

Number of wells in area of review	<u>11</u>	Prcd.	<u>9</u>	P&A	<u>    </u>
		Water	<u>0</u>	Inj.	<u>2</u>

Aquifer Exemption Yes  NA

Mechanical Integrity Test Yes  No

Date 10-31-84 Type Water from Fog

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Reviewed by: AMP

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

**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.)

<input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER    CATHODIC PROTECTION		5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-5447
2. NAME OF OPERATOR SUPERIOR OIL COMPANY, through its Agent, MOBIL OIL CORP.		6. BY INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO
3. ADDRESS OF OPERATOR P. O. DRAWER 'G', CORTEZ, COLORADO 81321		7. UNIT AGREEMENT NAME MCELMO CREEK
4. LOCATION OF WELL (Report location clearly and in accordance with any State instructions. See also space 17 below.) At surface 660' FNL, 1830' FEL, NWNE		8. FARM OR LEASE NAME MCELMO CREEK
14. PERMIT NO. 43-037-15704		9. WELL NO. D-17
		10. FIELD AND POOL, OR WILDCAT GREATER ANETH
15. ELEVATIONS (Show whether on, at, or near) 4466' GL		11. SEC., T., R., N., OR BLK. AND SURVEY OR AREA Sec.11, T41S, R24E, SLM
12. COUNTY OR PARISH SAN JUAN		13. STATE UTAH

RECEIVED  
NOV 22 1985  
DIVISION OF OIL  
GAS & MINING

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"/>	FULL 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 ACIDISE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDISING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(Other) Construct Cathodic Protection System

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

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

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

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

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

SIGNED *Cheryl J. Benally* TITLE Regulatory Coordinator DATE 11/15/85

(This space for Federal or State office use)

APPROVED BY *Alan B. Fugitt* TITLE MC Manager DATE 12-3-85

CONDITIONS OF APPROVAL, IF ANY:

# Mobil Oil Corporation

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

May 14, 1986

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

Attn: R. J. Firth  
Associate Director

RECEIVED  
MAY 16 1986

DIVISION OF  
OIL, GAS & MINING

## SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

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

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

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

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

Very truly yours,



R. D. Baker  
Environmental Regulatory Manager

CNE/rd  
CNE8661

Injection Wells 1/5  
Only

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

PROPERTY NAME	WELL NAME	COUNTY	STATE	SEC	TOWNSHIP	RNG	WELL TYPE	ST	API NUMBER	FEDERAL LEASE NUMBER	STATE NUMBER	UNIT NUMBER
GOTHIC MESA	9-24	SAN JUAN	UT	SE	SW	9-41S-23E	INJ	SI	43-037-16452	14-20-603-242		94-004216
	9-44	SAN JUAN	UT	SE	SE	9-41S-23E	INJ	SI	43-037-16451	14-20-603-242		94-004216
	16-24	SAN JUAN	UT	SE	SW	16-41S-23E	INJ	SI	43-037-16454	14-20-603-243		94-004216
	16-44	SAN JUAN	UT	SE	SE	16-41S-23E	INJ	SI	43-037-16453	14-20-603-243		94-004216
MC ELMO CREEK	A17-1	SAN JUAN	UT	NE	NE	10-41S-24E	INJ	OP	43-037-05592	14-20-0603-6148		96-004190
	A17-2	SAN JUAN	UT	NE	NE	10-41S-24E	INJ	SI	43-037-05592	14-20-0603-6140		96-004190
	B-13	SAN JUAN	UT	NW	NW	2-41S-24E	INJ	OP	43-037-05701	14-20-603-6509		96-004190
	B-15	SAN JUAN	UT	NW	SW	02-41S-24E	INJ	OP	43-037-05657	14-20-603-6508		96-004190
	D-13	SAN JUAN	UT	NW	NE	2-41S-24E	INJ	OP	43-037-16267	14-20-603-6510		96-004190
	D-15	SAN JUAN	UT	NW	SE	2-41S-24E	INJ	OP	43-037-05656	14-20-0603-6147		96-004190
	D-17	SAN JUAN	UT	NW	NE	11-41S-24E	INJ	OP	43-037-15704	14-20-603-5447		96-004190
	E-19	SAN JUAN	UT	NE	SE	11-41S-24E	INJ	OP	43-037-16342	14-20-603-5449		96-004190
	E-21	SAN JUAN	UT	NE	NE	14-41S-24E	INJ	OP	43-037-16343	14-20-603-370		96-004190
	E-23	SAN JUAN	UT	NE	SE	14-41S-24E	INJ	OP	43-037-16344	14-20-603-370		96-004190
	F-11	SAN JUAN	UT	NW	SW	36-40S-24E	INJ	OP	43-037-05743	14-20-0603-6146		96-004190
	F-13	SAN JUAN	UT	NW	NW	01-41S-24E	INJ	OP	43-037-16345	14-20-603-4032		96-004190
	F-15A	SAN JUAN	UT	NW	SW	1-41S-24E	INJ	OP	43-037-31149	14-20-603-4032		96-004190
	F-17	SAN JUAN	UT	NW	NW	12-41S-24E	INJ	OP	43-037-15493	14-20-603-4039		96-004190
	F15A	SAN JUAN	UT	NW	SW	01-41S-24E	INJ	OP	43-037-31149	14-20-603-4032		96-004190
	G-18	SAN JUAN	UT	SE	NW	12-41S-24E	INJ	OP	<del>43-037-15494</del>	14-20-603-4039		96-004190
	G-19	SAN JUAN	UT	NE	SW	12-41S-24E	INJ	OP	43-037-05532	14-20-603-5450		96-004190
	G-21	SAN JUAN	UT	NE	NW	13-41S-24E	INJ	SI	43-037-16347	14-20-603-370		96-004190
	G-21A	SAN JUAN	UT	NE	NW	13-41S-24E	INJ	OP	43-037-30974	14-20-603-370		96-004190
	G-23	SAN JUAN	UT	NE	SW	13-41S-24E	INJ	OP	43-037-16348	14-20-603-370		96-004190
G-25	SAN JUAN	UT	NE	NW	24-41S-24E	INJ	OP	43-037-16349	14-20-603-370		96-004190	
H-11	SAN JUAN	UT	NW	SE	36-40S-24E	INJ	OP	43-037-05739	14-20-0603-6145		96-004190	
H-13	SAN JUAN	UT	NW	NE	01-41S-24E	INJ	OP	43-037-05708	14-20-603-4032		96-004190	
H-15	SAN JUAN	UT	NW	SE	01-41S-24E	INJ	OP	43-037-05666	14-20-603-4039		96-004190	
H-17	SAN JUAN	UT	NW	NE	12-41S-24E	INJ	OP	43-037-05695	14-20-603-4039		96-004190	
I-20	SAN JUAN	UT	SE	SE	12-41S-24E	INJ	OP	43-037-05524	14-20-603-4495		96-004190	

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

OPERATOR: MEPNA  
 FIELD: Greater Aneth LEASE: M<sup>c</sup>Elmo Creek  
 WELL # D-17 NAV H-2 SEC. 11 TOWNSHIP 41S RANGE 24E  
 STATE FED. FEE 5518 TYPE WELL INSW MAX. INJ. PRESS. 2800  
 TEST DATE 9/10/86

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>	<u>13<sup>3</sup>/<sub>8</sub></u>	<u>171</u>	<u>175</u>		<u>SI prior to</u>	
<u>INTERMEDIATE</u>	<u>8<sup>3</sup>/<sub>8</sub></u>	<u>1255</u>	<u>176</u>		<u>inspection due</u>	
<u>PRODUCTION</u>	<u>5<sup>1</sup>/<sub>2</sub></u>	<u>3517</u>	<u>232</u>		<u>to 125# on</u>	
					<u>bradenhead</u>	
<u>TUBING</u>	<u>2<sup>7</sup>/<sub>8</sub></u>	<u>5245</u>				

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

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

1. Oil Well  Gas Well  Other:  
Water Injection Well
2. Name of Operator  
MOBIL OIL CORPORATION
3. Address of Operator  
P. O. DRAWER G, CORTEZ, CO. 81323
4. Location of Well  
NW NE, Sec. 11, T41S, R24E  
San Juan County, Utah

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DIVISION OF  
OIL, GAS & MINING

5. Lease Designation & Serial No.  
API#4303715704
6. If Indian, Allottee or Tribe Name  
Navajo
7. Unit Agreement Name  
McElmo Creek Unit
8. Farm or Lease Name
9. Well No. D-17
10. Field and Pool, or Wildcat  
Aneth
11. Sec. T,R,M or BLK and Survey or Area  
Sec. 11, T41S, R24E
12. County, Parish  
San Juan
13. State  
Utah

14. Permit No.
15. Elevations (DF, RT, GR)

43-037-15704

4475' DF

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/Acidizing <input type="checkbox"/>	Abandonment * <input type="checkbox"/>
Repair Well <input type="checkbox"/>	Change Plans <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) SHUT OFF CASING WATER FLOW <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 zone pertinent to this work) \*

Propose to establish pump rate and pump 46 sacks of class B cement with 2% calcium chloride into production casing/surface casing annulus. Intent is to seal surface casing/production casing annulus down to approximately 278' from surface to stop water flow. Work is expected to begin August 4, 1989.

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

Signed: G. M. Tripp Title: Operations Engineer Date: August 3, 1989  
G. M. Tripp

(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.

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

Date: 8-21-89

By: [Signature]

\* For Record only.

Federal Approval of this  
Action is Necessary

OIL AND GAS	
DRN	RJF
JRB	GLH <input checked="" type="checkbox"/>
DTS	SLS
2-TAS	
MICROFILM	
3-UTC FILE	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

2

1. Oil Well  Gas Well  Other:   
Water Injection Well
2. Name of Operator  
MOBIL OIL CORPORATION
3. Address of Operator  
P. O. DRAWER G, CORTEZ, CO. 81321
4. Location of Well  
NW NE, Sec. 11, T41S, R24E  
San Juan County, Utah

**RECEIVED**  
AUG 21 1989  
DIVISION OF  
OIL, GAS & MINING

5. Lease Designation & Serial No.  
API#4303715704
6. If Indian, Allottee or Tribe Name  
Navajo
7. Unit Agreement Name  
McElmo Creek Unit
8. Farm or Lease Name
9. Well No. D-17
10. Field and Pool, or Wildcat  
Aneth
11. Sec. T,R,M or BLK and Survey or Area  
Sec. 11, T41S, R24E
12. County, Parish  
San Juan
13. State  
Utah

OIL AND GAS	
DRN	RJF
JRB	GLH
DTS	SLS
Q-TAS	
MICROFILM	
3-UC FILE	

14. Permit No. 43-037-15704
15. Elevations (DF, RT, GR)  
4475' DF

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 checked="" 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/Acidizing <input type="checkbox"/>   | Abandonment * <input type="checkbox"/>             |
| Repair Well <input type="checkbox"/>         | Change Plans <input type="checkbox"/>         | (Other) <input type="checkbox"/>  |  |
| (Other) <input type="checkbox"/>             |   | (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 zone pertinent to this work) \*

08/10/89: Established pump rate and pumped 50 sacks of class B cement with 2% calcium chloride into production casing/surface casing annulus. Displaced away from bradenhead with .5 BBL water. Shut well in 14 psig underbalanced. 08/11/89: Opened bradenhead valve. No pressure or fluid flow. Put well back on injection.

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

Signed: G. K. Tripp Title: Operations Engineer Date: August 11, 1989  
G. K. Tripp

(This space for Federal or State office use)

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

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

Form Approved  
Budget Bureau No. 1004-0135  
Expires September 30, 1990

5. Lease Designation and Serial No.  
Unit 96-004190

6. If Indian, Allottee or Tribe Name  
Navajo Tribal

7. If Unit or CA, Agreement Designation  
McElmo Creek Unit

8. Well Name and No.  
D-17

9. API Well No.  
43-037-15704

10. Field and Pool, or Exploratory Area  
Greater Aneth

SUBMIT IN TRIPLICATE

**RECEIVED**  
APR 05 1990

1. Type of Well  
Oil Gas  
 Well / \_\_\_/ Well / \_\_\_/ Other

2. Name of Operator  
MOBIL OIL CORPORATION

DIVISION OF  
OIL, GAS & MINING

3. Address and Telephone No.  
P. O. Drawer G, Cortez, Co. 81321 303-565-2200

4. Location or Well (Footage, Sec., T., R., M. or Survey Description)  
660 FNL 1830 FEL, Sec 11, T41S, R24E

11. County or Parish, State  
San Juan, Utah

OIL AND GAS	
DRN	RJF
JRB	GLH <input checked="" type="checkbox"/>
DTS	SLS
2-TAS	
3- MICROFILM	
4- FILE	

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 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 checked="" type="checkbox"/> Other Long term shut-in

(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.)\*

Mobil has put this well on a long term shut-in status. This injection well is not taking any fluid and is scheduled for reconditioning within the next twelve months and will be put back on active status. This well is part of the CO2 flooding expansion within the McElmo Creek Unit.

Mobil Exploration and Producing U. S. Inc., as agent for Mobil Oil Corp.

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

Signed C. J. Benally Title Sr. Staff Environmental Engineer Date 3/30/90  
C. J. Benally

(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 within its jurisdiction.

UIC	
GLH	<input checked="" type="checkbox"/>
DJJ	<input checked="" type="checkbox"/>
HGH	<input checked="" type="checkbox"/>
COMPUTER	
MICROFILM	
FILE	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.

14-20-603-5447

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

MCELMO CREEK

8. Well Name and No.

D-17

9. API Well No.

43 037 15704

10. Field and Pool, or Exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN, UTAH

SUBMIT IN TRIPLICATE

RECEIVED  
AUG 06 1990

1. Type of Well

Oil Well  Gas Well  Other

INJECTION WELL

2. Name of Operator

MOBIL OIL CORPORATION

3. Address and Telephone No. %Mobil Exploration & Producing U.S. Inc.

P.O. Box 633 Midland, Texas 79702

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

660 FNL, 1830 FEL SEC.11, 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"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection

**RETURN TO INJECTION**

(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.)\*

THIS WELL WAS RETURNED TO INJECTION 7-18-90

OIL AND GAS	
DFN	RJF
JFB	1- GLHV
IVS	SLS
2 DAE	
2 DU	
MICROFILM	
4-	FkE

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

Signed Shirley Dodd (915)688-2585 Title \_\_\_\_\_

Date 8-2-90

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_  
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  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.  
**14-20-603-5447**

6. If Indian, Allottee or Tribe Name

**NAVAJO TRIBAL**

7. If Unit or CA, Agreement Designation

**MCELMO CREEK UNIT**

8. Well Name and No.

**D-17**

9. API Well No.

**43-037-15704**

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**

OCT 15 1990

2. Name of Operator

**MOBIL OIL CORPORATION**

DIVISION OF  
OIL, GAS & MINING

3. Address and Telephone No.

**P.O. BOX 633 MIDLAND, TX 79702**

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

**660' FNL, 1830' FEL SEC.11, 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
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection

**CONVERSION TO CO2**

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

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

- 9-04-90 MIRU
- 9-05-90 POH W/2 7/8" TBG & PKR. CLEANED & CIRC. HOLE
- 9-06-90 RIH W/PKR TO TEST CSG. TO 1000#/HELD/OK. ACDZ DESERT CREEK PERFS 5304-5360 W/3200 GALS 15% HCL +2500# ROCK SALT IN 1250 GALS GELLED SALT WATER @ 2#/GAL ROCK SALT.
- 9-11-90 WELD 5 1/2 CSG STUB. PRESS TEST WELL HEAD TO 1500#/OK RDMO WAITING ON INJECTION TBG.

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

Signed Shuley Jodd (915)688-2585 Title \_\_\_\_\_ Date 10-10-90

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.  
14-20-603-5447

6. If Indian, Allottee or Tribe Name  
NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation  
McElmo Creek Unit

8. Well Name and No.  
D-17

9. API Well No.  
43-037-15704

10. Field and Pool, or Exploratory Area  
Greater Aneth

11. County or Parish, State  
San Juan, Utah

**SUBMIT IN TRIPLICATE** *RECEIVED*

1. Type of Well  
 Oil Well     Gas Well     Other Injection well

2. Name of Operator  
MOBIL OIL CORPORATION

3. Address and Telephone No. % MOBIL EXPLORATION & PRODUCING U.S. INC. DIVISION OF MINING  
P.O. BOX 633, MIDLAND, TX 79702

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
660' FNL, 1830' FEL Sec. 11, T41S, R24E

OCT 18 1990

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
	<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

**Complete CO2 Conversion**  
(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.)\*

10-03-90 MIRU RIH w/tbg & pkr set pkr @5212'. Press test 5 1/2 pkr & csg to 1000#  
30 min/OK

10-04-90 RDMO & Rel to Production

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

Signed Shuley Jodel (915) 688-2585 Title MOBIL EXPLORATION & PRODUCING U.S. INC. AS AGENT FOR MOBIL OIL CORPORATION Date 10-15-90

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.  
14-20-603-5447

6. If Indian, Allottee or Tribe Name  
NAVAJO TRIBAL

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

8. Well Name and No.  
D-17

9. API Well No.  
43-037-15704

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)

660' FNL, 1830' FEL SEC.11, T41S, R24E

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other <u>WORKOVER</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 Recombination Report and Log form.)

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

SEE ATTACHED PROCEDURE.

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

DATE: 3/11/94

BY: [Signature]

MAR 10 1994

OFFICE OF OIL, GAS AND MINING

35-94

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

Signed

[Signature]

SHIRLEY TODD

Title

ENV. & REG. TECH.

Date

# % (\$)

(This space for Federal or State office use)

Approved by

Federal Approval of this

Title

Date

Conditions of approval, if any: action is Necessary

McElmo Creek Unit D-17  
Workover Procedure

1. 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 airpaks, 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 fresh water transport. Lay flow line from wing valve to a choke manifold having two adjustable chokes. Lay flowline from choke manifold to 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 CD to PBTB at 5372' (Top of Junk) using fresh water at maximum circulating rate at maximum circulating pressure of 5000 psi. Spot 5 bbls of xylene across perforations and bullhead into formation using fresh water. POH. If unable to CD 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 tank. 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. 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 Enerjet perforating guns loaded with 8.0 gram RDX charges at 6 SPF, 0 degree phasing and perforate 5302'-5370'. POH. RDMO 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. Wash perforations without taking returns using 2 bbls/ft of 15 percent HCL acid. NOTE: All acid pumped into well to contain 2 gals/mgals corrosion inhibitor, and 10 lbs/mgals iron sequestering agent. Pump rate should be maximum injection rate at 5000 psi surface injection pressure. Overdisplace acid using fresh water. POH. RDMO coiled tubing unit and all surface equipment.
5. Pump out tank. Turn well over to production leaving well shut in.

McELMO CREEK UNIT D #17

GREATER ANETH FIELD

SAN JUAN COUNTY, UTAH

SEC. 11 BLK. T41S R24E

660' FML & 1830' FEL

7 1/16" 5M\* TBG. HEAD

13.375" 27.1\*/FT.  
GRADE & CMT. NA

- 171'

8.625" 24\* CSG.  
WT. GRADE & CMT. NA

- 1255'

INJECTION TBG.:

64 JTS. 2.875" 6.50\*/FT. J55 8RT FLORALINE  
TBG. ( 0-5208' ) + 2.875" X 2.375" X 1' 316  
STAINLESS STEEL X-OVER ( 5208-5209' ) +  
2.875" X 1.81" X 2' 316 STAINLESS STEEL HEL  
N & OFF TOOL W/ 1.81" "F" PROFILE  
( 5209-5211' ) + 3.625" X 1.80" X 1' INCONEL  
MODEL "B" SHUT OFF VALVE ( 5211-5212' ) +  
3.625" X 2.875" X 7' 825 INCLOY 45B INVERTED  
PKR-SET PKR. ( 5212-5219' )  
SET IN 16M\* COMPRESSION.

~~★~~ Note: CTU w/o 4/2/92 - Unable  
to wash post 5221 using  
water. Did not try  
washing with acid.

~~★~~ on 4/5/92! Profile log  
reached a depth of 5334',  
Coiled Tubing size used 4/2/92  
AEV-10-4-90 unknown.  
(Possibly 1-1/2" o.d.)

( BAD CSG. 5330-5337' )  
( PKR. SLIPS & JUNK ON BTM @ 5372' )  
5.50" 14 & 15.50\*/FT.  
GRADE & CMT. NA

DESERT CREEK PERFS.

5304-5320 5326-5330 5337-5344'  
5355-5360'  
( DESERT CREEK PERFS. )  
- 5380' PBTB ( 5396-5460' SQZD. )  
- 5517' TD

JUNK

PBTB 5372' (Top of Junk)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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Use "APPLICATION FOR PERMIT - " for such proposals

5. Lease Designation and Serial No.  
**14-20-603-5447**

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

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

SUBMIT IN TRIPLICATE

1. Type of Well  
 Oil Well  Gas Well  Other

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**660' FNL, 1830' FEL; SEC. 11, T41S, R24E**

8. Well Name and No.  
**MCELMO CREEK UN D-17**

9. API Well No.  
**43-037-15704**

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

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

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

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

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

**06/16/94 MIRU. LOAD HOLE W/FRESH WATER & CIRC CLEAN. SPOT 5 BBLs XYLENE ACROSS OLD PERFS 5304-60'. pERF 5302-60' W/6 SPF. TAGGED PBTD @ 5360'.**

**06/17/94 ACDZ PERFS 5302-60' W/136 BBLs 15% HCL + ADDITIVES. FLUSH & OVERFLUSH W/FRESH WATER. RDMO.**

JUL - 1 1994

14. I hereby certify that the foregoing is true and correct  
Signed [Signature] Title **ENV. & REG. TECHNICIAN** Date **06/28/94**

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date for credit 8/5/94

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.

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

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

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

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

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

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

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

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

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

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

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

# Mobil Oil Corporation

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

May 14, 1986

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

Attn: R. J. Firth  
Associate Director

RECEIVED  
MAY 16 1986

DIVISION OF  
OIL, GAS & MINING

## SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

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

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

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

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

Very truly yours,



R. D. Baker  
Environmental Regulatory Manager

CNE/rd  
CNE8661

STATE OF UTAH  
INVENTORY OF INJECTION WELLS

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

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

Routing:

1- LEC	7- PL
2- LWP	8- SJ
3- <del>DEC</del> 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 &amp; PROD</u>	FROM (former operator) <u>M E P N A</u>
(address) <u>C/O MOBIL OIL CORP</u>	(address) <u>C/O MOBIL OIL CORP</u>
<u>PO DRAWER G</u>	<u>PO DRAWER G</u>
<u>CORTEZ CO 81321</u>	<u>CORTEZ CO 81321</u>
phone <u>(303) 564-5212</u>	phone <u>(303) 564-5212</u>
account no. <u>N7370</u>	account no. <u>N7370</u>

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

Name: <u>** SEE ATTACHED **</u>	API: <u>037-15704</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: _____
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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.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (8-3-95)
- See 6. Cardex file has been updated for each well listed above. 8-21-95
- See 7. Well file labels have been updated for each well listed above. 9-28-95
- See 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)
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

**ENTITY REVIEW**

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

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

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

**LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY**

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

**FILMING**

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

**FILING**

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

**COMMENTS**

*950803 LIC F5/Not necessary!*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

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8. Well Name and No.  
**MCELMO CREEK D-17**

9. API Well No.  
**43-037-15704**

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 **INJECTOR**

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

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

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

**SEC11-T41S-R24E  
660' FNL, 1830' FEL**

**RECEIVED**  
DEC 01 1995

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

**DIV. OF OIL, GAS & MINING**

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other **WORKOVER**

TYPE OF ACTION

- 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 ATTACHED PROCEDURES**

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

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

Signed Kelli Russell for Shirley Roberts Title **ENV. & RED. TECHNICIAN**

Date **11-27-95**

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

MEPUS, FOUR CORNERS AREA  
WORKOVER PROGRAM

FIELD: Greater Aneth  
LEASE: McElmo Creek Unit  
AFE: 5AX5 for #113M 8/8ths

DATE: 16 NOV 95  
WELL: D-17  
PRISM ID #: 0000189

LOCATION: 660'FNL,1830'FEL, SEC. 11-T41S-R24E

ELEVATION: 4478' RKB  
PBSD: 5380 FT. MD.

TOTAL DEPTH: 5517 FT. MD.

WORKOVER RIG: BIG A

WORKOVER FLUID: 10 ppg brine

EXISTING PERFS: 5302'-5360' 6 SPF

PROPOSED PERFS: SAME AS EXISTING

PROPOSED WORK: Pull and lay down 2-7/8", 6.5 lb/ft J-55 EUE 8rd fluoro-lined injection tubing, PU 2-7/8" EUE 8rd workstring, retrieve Baker packer, on/off tool, and downhole shut off valve, clean well out TO 5360' using junk mill, run GR/METT/CCL log, PT and squeeze casing as necessary, set a wireline set, tubing retrievable packer, complete well with a latching seal assembly using used 2-7/8", 6.5 lb/ft J-55 EUE 8rd KCTS fluoro-lined tubing.

If the well can not be killed with 10 ppg brine, snubbing operations will be used for this workover until a wireline set production packer having a pump out plug has been set.

JUSTIFICATION: The D-17 failed mechanical integrity testing and was shut in as required by the EPA. This well directly supports 32 BOPD of a total pattern production of 95 BOPD which will be lost if this work is not completed.

PREPARED BY: S. S. MURPHY

McElmo Creek D-17  
Workover Procedure

1. Lock and tag out all power sources. RU pump and pump lines to christmas tree. Bullhead 50 bbls of 10 ppg brine into well. Observe well the next day to confirm if well is dead.
2. MI workover rig having 108' derrick. Bleed off casing pressure. Unbolt tree and PU 20,000 lbs tension and rotate 1 turn to the left to close downhole shut off valve. If well is not dead, bleed off tubing pressure to confirm downhole shut off valve is closed. If downhole shut off valve will not hold, set a 1.81" plug in the F profile in the on/off tool using slickline.
3. Release on/off tool. ND tree. NU and PT BOP's to 3000 psi high and 250 psi low. Circulate hole to 10 ppg brine. PT casing to 1000 psi for 30 minutes (5 percent or less leakoff is acceptable). POH laying down injection tubing. Use open rotary type tongs with backup on collar (Do not use Foster type closed rotary tongs). Install thread protectors while laying down tubing. Send injection tubing to Permian Enterprises in Odessa, Texas for inspection/repair. Send tree to Big Red Tool, Farmington for inspection and replacement of AB modified teflon seal ring in bottom of tree. Have tree returned in time for use on this well.
4. If well was not dead, RU snubbing unit. FU and RIH with 2-7/8" J-55 EUE 8rd workstring and on/off tool skirt. Release Baker inverted Lok-Set packer at 5212' and POH. RIH with 4-3/4" junk mill/junk subs and CO well to at least 5360'. POH. RIH with casing scraper for 5-1/2", 15.5 lb/ft casing on 2-7/8" workstring to 5212' EL. POH.
5. If 5-1/2" casing failed to PT in Step No. 3, RIH with squeeze packer and locate casing leak. POH. RU Schlumberger. RIH with GR/METT/CCL and log from 5300' to 4300'. POH. RIH and set CIBP at 5200'. RD snubbing unit if it was being used. RIH open ended and Spot 50 sxs of class B cement containing 2 percent CaCl<sub>2</sub> across leak, pull out of cement, reverse out, and bradenhead squeeze to 1000 psi. Stage squeeze as necessary.
6. POH. WOC 12 hours.
7. RIH with 4-3/4" rock bit without nozzles and casing scraper on 2-7/8" workstring and drill out cement. CO to top of CIBP. PT casing to 1000 psi. POH. Resqueeze as necessary. If PT OK then RIH with junk mill and drill out CIBP and CO to 5360'. POH laying down workstring.

8. RU Schlumberger wireline and lubricator. PT lubricator to 1000 psi or wellhead pressure if higher. RIH with GR/METT/CCL and log from FBTD at 5300' to 4300' if log was not previously run. POH. RIH with junk basket/guage ring to 5230'. POH.

9. RIH with the following production packer assembly on wireline:

DESCRIPTION	MAX. O.D. in.	MIN. I.D. in.	LENGTH ft.
5-1/2" X 2.688" 14 lb/ft wireline set Guiberson Uni-X retrievable seal bore packer (Nickel plated and plastic coated) with 90 Duro Nitrile ends w/78 Duro Polyepichlorohydrin CO2 center elastomers w/4.5' X 2.688" 316 stainless steel seal bore extension w/Aflas o-rings on all threaded connections	4.75	2.688	11.42
316 stainless steel sealbore AB modified box X 2-3/8" EUE 8rd pin x-over	4.75	1.995	0.75
6 ft 316 stainless steel 2-3/8", 4.7 lb/ft pup joint w/EUE 8rd AB Modified box X pin	3.063	1.995	6.0
316 stainless steel Model F non-ported seating nipple, Size 1.812 w/2-3/8", 4.7 lb/ft EUE 8rd AB Modified box X pin	3.063	1.812	1.0
6 ft 316 stainless steel 2-3/8", 4.7 lb/ft pup joint w/EUE 8rd AB Modified box X pin	3.063	1.995	6.0
316 stainless steel Model R non-ported NoGo seating nipple, Size 1.781 w/2-3/8", 4.7 lb/ft EUE 8rd AB Modified box X pin	3.063	1.728	1.0
316 stainless steel wireline entry guide w/pump-out plug, size 2-3/8", 4.7 lb/ft EUE 8rd AB Modified box	3.063	1.995 (After plug pumped out)	0.5

NOTE: All connections to be made up with Baker super B.

10. Set top of packer at 5170' EL. NOTE: Based on METT log, packer setting depth can be adjusted to not set in bad casing or in a casing collar. POH with setting tool. Bleed off casing pressure. RDMO wireline. RD snubbing unit if it was required in previous steps.

11. PU and RIH with the following latch type seal assembly and used injection string:

DESCRIPTION	MAX. O.D. in.	MIN. I.D. in.	LENGTH ft.
2-3/8", 4.7 lb/ft AB Modified 8rd X 2.688" Guiberson latch nipple w/ATR seals, 7 ft long spacer tube, one ATR seal nipple, one ATR seal unit, one ATR seal unit made of 316 stainless steel, 1/2 muleshoe made of 316 stainless steel, I.D. of flow area of seal assembly is plastic coated, all 8 TPI stub acme boxes to have Aflas o-rings, all 10 rd boxes to be AB modified with Teflon rings installed. Assembly to be pressure tested to 3000 psi using nitrogen prior to being sent to location.	3.45	1.901	11.0
6' pup joint, 2-3/8" 316 stainless steel 4.7 lb/ft with EUE 8rd AB Modified Box X Pin	3.063	2.25	6.0
316 stainless steel Model F non-ported seating nipple, Size 1.87 w/2-3/8", 4.7 lb/ft EUE 8rd AB Modified box x pin	3.063	1.87	2.0
316 stainless steel 2-7/8", 6.5 lb/ft EUE 8rd AB Modified Box X 2-3/8", 4.7 lb/ft EUE 8rd pin x-over	3.668	2.25	1.0
2-7/8" KCTS box X EUE 8rd pin	3.668	2.14	1.0
2-7/8", 6.5 lb/ft J-55 KCTS (Threadmasters Torque Ring) Fluorolined Tubing w/pup joints as required	3.668	2.14	+/- 5149'

NOTE: A. All used KCTS tubing to be torque turned to 2250 ft-lbs. All connections of seal assembly and tubing to be made up using Baker super B thread compound containing teflon. Use permitek on permiserts. Bill Allman with Permian to supervise running of tubulars 505/632-8702.

B. Rabbit tubing with 2.0" O.D. rabbit.

12. Sting seal assembly into production packer and space out for 15,000 lbs compression at surface. PT backside to 500 psi. Rotate to the right and release seal assembly from packer. Install necessary 2-7/8", 6.5 lb/ft J-55 KCTS fluorolined tubing pup joints and landing joint. Reverse circulate fresh water packer fluid containing 1 percent by volume of Tretolite CRW137 corrosion inhibitor/oxygen scavenger.

13. ND BOPS. Screw on christmas tree. Insure that Teflon ring in box on christmas tree is a new ring. Snap into snap latch and confirm by pulling 10,000 lbs tension. Land tree and bolt up flange. Pressure tubing to 2500 psi and shear out pump out plug. RDMD workover rig. Hook up injection lines. Clean location.

14. Perform Mechanical Integrity Test (MIT) for EPA. Contact Jim Walker of the Navajo EPA in Shiprock at 505/368-1040 to witness. Use chart recorder to record test. Send copies of chart to Shirley Robertson, Midland - 1046 MOB, Ed Barber, Aneth, and Aneth files. Fill out Utah tax credit form and submit to Tiny Higman, Cortez office. After obtaining an acceptable MIT, place well on water injection on maximum choke.

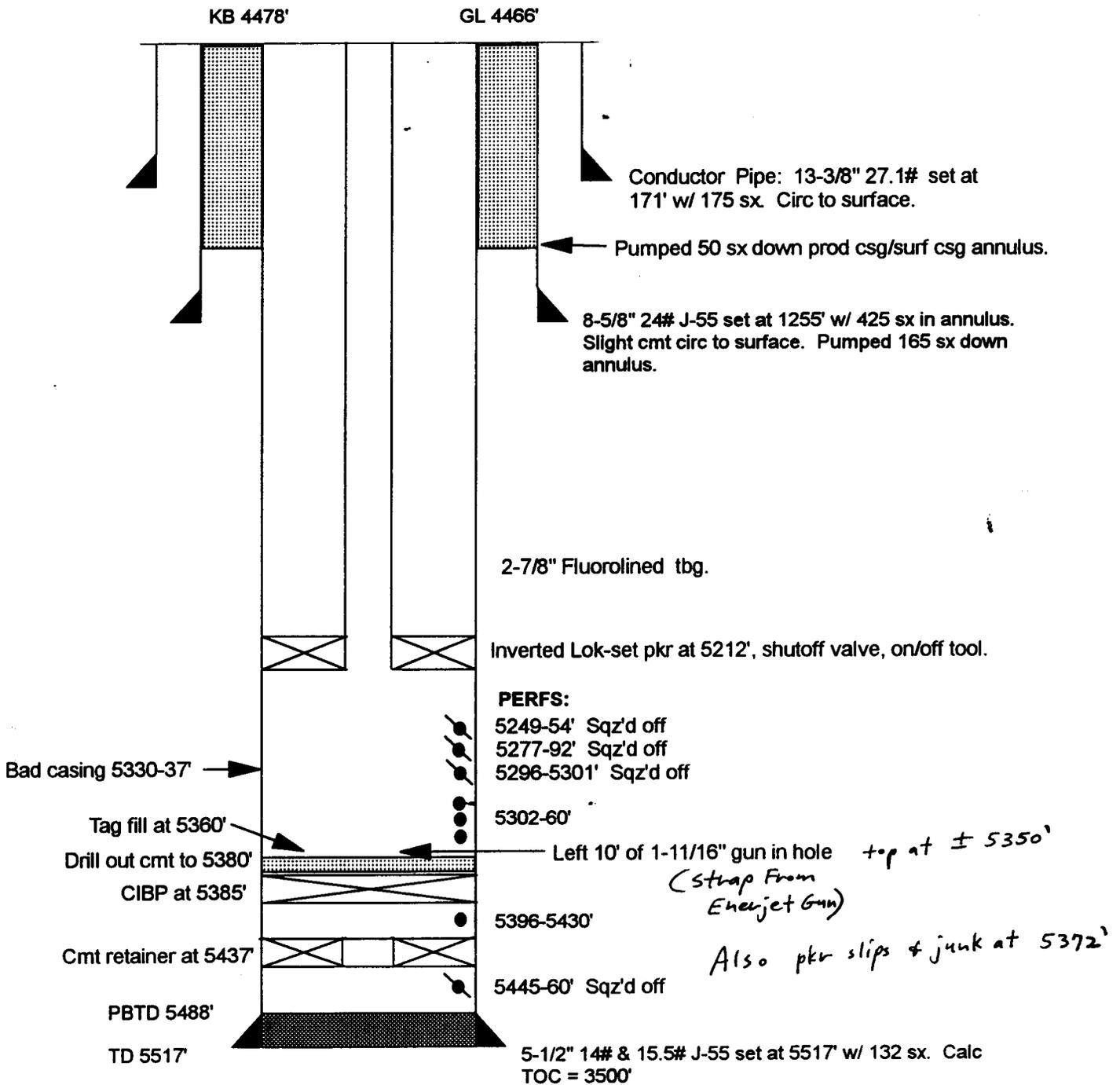
VENDORS LIST

<u>DESCRIPTION</u>	<u>VENDOR</u>
Snubbing Unit (If Necessary)	Live Well
Corrosion Inhibitor	Tretolite
Supervision of running tubulars	Bill Allman
Torque Turn Services	Tong Rentals, Inc.
Logging, perforating, junk basket/ gauge ring, packer setting	Schlumberger
Production packer, 316 stainless steel tubing nipples, seal assembly, wireline re-entry guide, pump out plug	Guiberson
316 Stainless steel pup joints, x-overs	Guiberson
Cementing Services (If Necessary)	Halliburton
Inspection of Christmas Tree	Big Red Tool
Inspection of used tubing string and repair	Permian Interprises
Bit, scraper, squeeze packer, water hauling	Not Specified

**McELMO CREEK UNIT # D-17**  
**GREATER ANETH FIELD**  
**660' FNL & 1830' FEL**  
**SEC 11-T41S-R24E**  
**SAN JUAN COUNTY, UTAH**  
**API 43-037-15704**  
**PRISM 0000189**

**INJECTOR**

EXISTING



ENGINEERS CALCULATION SHEET

FOR \_\_\_\_\_

JOB OR AUTH. NO. \_\_\_\_\_

LOCATION \_\_\_\_\_

PAGE \_\_\_\_\_

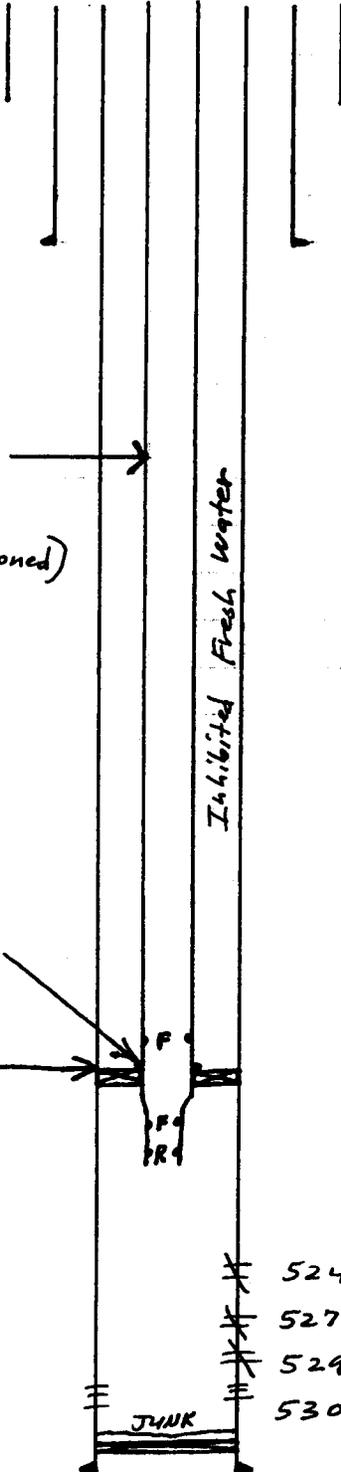
SUBJECT McElmo Creek Unit D-17

DATE 16/Nov/95

Injection Well Repair

BY S.S. Murphy

PROPOSED



13-3/8", 27.1# at 171'  
w/175SX to surface

8-5/8", 24# J-55 at 1255'  
cont'd w/

2-7/8", 6.5 lb/ft J-55  
Fluorolined EUE 8rd tbg.  
with tongue rings (Reconditioned)

Guiberson ATR Latching  
Seal Assembly

Guiberson Wireline Set  
Uni-X Packer at 5170'

Inhibited Fresh Water

PERFS

- 5249-54' SQ20
- 5277-92' SQ20
- 5296-5301' SQ20
- 5302-60'

NOTE: Fill at 5360'

(Enerjet  
Strap)

10' of 1-1/16" gun  
left in hole

Est. Top at 5350'

PBTB 5380'

TD 5517'

→ PROPOSE TO MILL TO 5360' → PKR slips and junk at 5372'

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <b>INJECTOR</b>	5. Lease Designation and Serial No. <b>14-20-603-5447</b>
2. Name of Operator <b>Mobil Exploration &amp; Producing U.S. Inc. as Agent for Mobil Producing TX &amp; NM Inc.</b>	6. If Indian, Allottee or Tribe Name <b>NAVAJO TRIBAL</b>
3. Address and Telephone No. <b>P.O. Box 633, Midland, TX 79702 (915)688-2585</b>	7. If Unit or CA, Agreement Designation <b>MCELMO CREEK UNIT</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>SEC 11-T41S-R24E 660' FNL, 1830' FEL</b>	8. Well Name and No. <b>MCELMO CREEK D-17</b>
	9. API Well No. <b>43-037-15704</b>
	10. Field and Pool, or exploratory Area <b>GREATER ANETH</b>
	11. County or Parish, State <b>SAN JUAN UT</b>

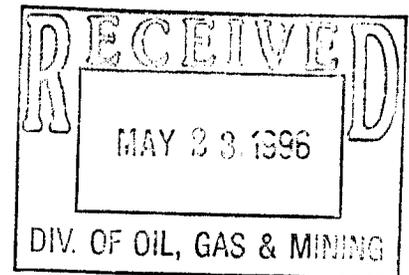
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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 <b>WORKOVER</b>
	<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.)\*

MIRU ND WELLHEAD, POOH W/164 JTS CMT LINED TBG, PU 5 1/2" RBP, SET RBP @ 5200, CIRC 10 GALS SAND ON TOP OF RBP; ISOLATE LEAK F/530-550', SPOT 250 SX CLS B CMT W/3% CACL, STAGE SQZ TO 500#. TAG TOC @ 436', DO F/436-530' CIRC CLEAN, SPOT 30 SX CMT W/1% CACL, SQUEEZE TO 1050# & SHUTIN. TAG TOC @410, DO GOOD CMT F/410-570', FELL THRU, CIRC CLEAN, PRESS TEST TO 1000#; RIH W/165JTS, CIRC SAND OFF RBP, REL RBP; RIH W/165 JTS, CIRC CLEAN, REL PKR & SNUB OUT W/PKR, LD, SNUB IN TO 5354' (PBD), SNUB OUT, RD SNUBBING UNIT. RIH SET PACKER @ 5170, RIH ALL 163 JTS 2 7/8 KCTS CMT LINED TBG, PRESS TEST CSG TO 1000# PSI, 30 MIN/HELD, PUMP OUT PLUG AND RELEASE RIG. TIGHT SPOT IN CSG @ 420.



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

Signed Shuley Robertson Title ENV. & REG. TECHNICIAN Date 05-20-96

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

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

June 27, 2001

**ExxonMobil**  
*Production*

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

Change of Name – Mobil Oil Corporation to  
ExxonMobil Oil Corporation

Dear Mr. Thompson

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

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

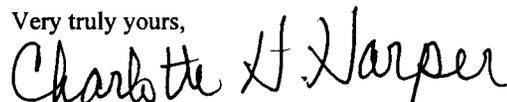
Please note the change of name of MOC to ExxonMobil Oil Corporation in your records pertaining to any MOC permits.

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

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

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

Very truly yours,



Charlotte H. Harper  
Permitting Supervisor

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

RECEIVED

JUN 29 2001  
DIVISION OF OIL, GAS AND MINING



# United States Department of the Interior

BUREAU OF INDIAN AFFAIRS  
~~XXXXXXXXXXXXXX~~  
Navajo Area Office  
NAVAJO REGION

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

**AUG 30 2001**

15  
15

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,

**GENMI DENETSONE**

Regional Realty Officer

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

MINERAL RESOURCES	
ADM 1	<i>DB/MC</i>
NATV AM MNG COORD	_____
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

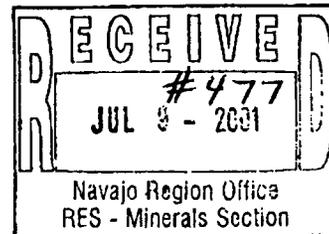
*AB 7/12/2001*  
*SN*  
*543*  
*File*

June 27, 2001

**ExxonMobil**  
Production

Certified Mail  
Return Receipt Requested

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



Change of Name –  
Mobil Oil Corporation to  
ExxonMobil Oil Corporation

Dear Ms. Denetsone:

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

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

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

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

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

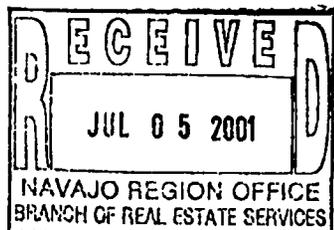
If you have any questions , please contact Alex Correa at (713) 431-1012.

Very truly yours,

*Charlotte H. Harper*

Charlotte H. Harper  
Permitting Supervisor

Attachments



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

*NOTE: Check forwarded to Ella Isaac*

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

Gentlemen:

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

OFFICERS

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

DIRECTORS

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

Sincerely,

Alex Correa

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



Signature

AGENT AND ATTORNEY IN FACT

Title

**CERTIFICATION**

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

**CHANGE OF COMPANY NAME**

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

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

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

ExxonMobil Oil Corporation",

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

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

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

*D. A. M... ..*  
Assistant Secretary

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

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

*Janice M. Phillips*  
Notary Public



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

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

6/1/01

# CHUBB GROUP OF INSURANCE COMPANIES

One Chubb Plaza, Suite 1900, Houston, Texas 77027-3501  
Telephone: (713) 297-4600 • Facsimile: (713) 297-4750

*NW Bond*

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

**BOND NO 8027 31 97**

wherein

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

**FEDERAL INSURANCE COMPANY AS SURETY,**

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

in the amount of **\$150,000.00**

bond date: 11/01/65

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

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

TO : **ExxonMobil Oil Corporation**

All other terms and conditions of this Bond are unchanged.

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

ExxonMobil Oil Corporation

By :



FEDERAL INSURANCE COMPANY

By:



Mary Pierson, Attorney-in-fact



**Chubb  
Surety**

**POWER  
OF  
ATTORNEY**

**Federal Insurance Company  
Vigilant Insurance Company  
Pacific Indemnity Company**

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

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

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

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

Kenneth C. Wendel  
Kenneth C. Wendel, Assistant Secretary

Frank E. Robertson  
Frank E. Robertson, Vice President

STATE OF NEW JERSEY }  
County of Somerset } ss.

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



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

Karen A. Price  
Notary Public

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

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

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

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

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



Kenneth C. Wendel  
Kenneth C. Wendel, Assistant Secretary

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

CSC

5184334741

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

CSC

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

F010601000187

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

CSC 45

(Under Section 805 of the Business Corporation Law)

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

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

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

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

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

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

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

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

CSC  
CSC

5184334741

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

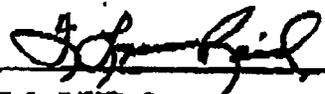
FOURTH: That the amendments to the Certificate of Incorporation were authorized by the Board of Directors followed by the holder of all outstanding shares entitled to vote on amendments to the Certificate of Incorporation by written consent of the sole shareholder dated May 22, 2001.

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

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

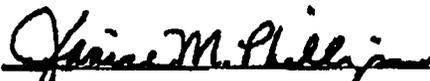
STATE OF TEXAS        )  
COUNTY OF DALLAS    )

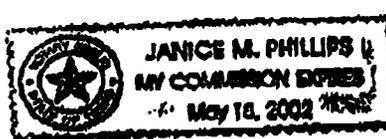
F. L. REID, being duly sworn, deposes and says that he is the Secretary of MOBIL OIL CORPORATION, the corporation mentioned and described in the foregoing instrument; that he has read and signed the same and that the statements contained therein are true.

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

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

[SEAL]

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



CSC  
CSC

5184334741

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

**CSC 45**

**CERTIFICATE OF AMENDMENT**

**OF**

**MOBIL OIL CORPORATION**

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

*SAC*

**STATE OF NEW YORK  
DEPARTMENT OF STATE**

*100 cc*

Filed by: EXXONMOBIL CORPORATION  
(Name)

FILED JUN 01 2001

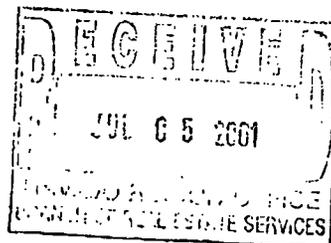
5949 Las Colinas Blvd.  
(Mailing address)

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

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

*ny Albany*

*Cust Ref # 16557817PJ*



**010601000195**

State of New York }  
Department of State } ss:

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

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



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

*Special Deputy Secretary of State*

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent

**X Operator Name Change**

Merger

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

<b>FROM:</b> (Old Operator):	<b>TO:</b> ( 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
NAVAJO 2-D (MCELMO A-17)	10-41S-24E	43-037-16338	99990	INDIAN	WI	A
MCELMO CR C-18	11-41S-24E	43-037-15702	5980	INDIAN	WI	A
NAVAJO H-2 (MCELMO D-17)	11-41S-24E	43-037-15704	99990	INDIAN	WI	A
NAVAJO D-2 (MCELMO E-19)	11-41S-24E	43-037-16342	99990	INDIAN	WI	A
MCELMO CR G-18	12-41S-24E	43-037-15494	5980	INDIAN	WI	A
MCELMO CREEK I-18	12-41S-24E	43-037-15709	5980	INDIAN	WI	A
MCELMO CREEK I-20	12-41S-24E	43-037-15710	5980	INDIAN	WI	A
NAVAJO TRACT 13-4 (MCELMO F-17)	12-41S-24E	43-037-15493	99990	INDIAN	WI	A
NAVAJO TRACT 13-3 (MCELMO H-17)	12-41S-24E	43-037-15496	99990	INDIAN	WI	A
NAVAJO J-2 (MCELMO G-19)	12-41S-24E	43-037-16346	99990	INDIAN	WI	A
NAVAJO E 23-13 (MCELMO G-23)	13-41S-24E	43-037-16348	99990	INDIAN	WI	A
MCELMO CREEK UNIT I-23	13-41S-24E	43-037-16352	99990	INDIAN	WI	A
MCELMO CR G-21A	13-41S-24E	43-037-30974	5980	INDIAN	WI	A
NAVAJO E 41-14 (MCELMO E-21)	14-41S-24E	43-037-16343	99990	INDIAN	WI	A
NAVAJO E 43-14 (MCELMO E-23)	14-41S-24E	43-037-16344	99990	INDIAN	WI	A
MCELMO CREEK G-25	24-41S-24E	43-037-16349	99996	INDIAN	WI	A
MCELMO CREEK U I-25	24-41S-24E	43-037-16353	99990	INDIAN	WI	A
NAVAJO P-12 (MCELMO V-13)	03-41S-25E	43-037-16383	99990	INDIAN	WI	A
NAVAJO P-10 (MCELMO V-15)	03-41S-25E	43-037-16384	99990	INDIAN	WI	A
MCELMO CREEK S-14	04-41S-25E	43-037-16151	5980	INDIAN	WI	A

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

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

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7. **Federal and Indian Units:**

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

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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

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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**

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**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

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

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

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

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

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**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

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**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

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**COMMENTS:**

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

RECEIVED

5. Lease Serial No. **14-20-603-5447** **AUG 18 2003**

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

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

8. Well Name and No.  
**McElmo Creek Unit D17**

9. API Well No.  
**43-037-15704**

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

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

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

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

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

2. Name of Operator  
**Exxon Mobil Corporation**

3a. Address **P.O. Box 4358 Houston TX 77210-4358**  
3b. Phone No. (include area code) **(281) 654-1934**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**660' FNL & 1830' FEL  
Sec 11 T41S R24E NE/NE**

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

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

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

SEE ATTACHED PROCEDURE.

RECEIVED

APR 24 2006

BUREAU OF LAND MANAGEMENT

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed) **Cathy W. Higginbotham** Title **Staff Office Assistant**  
Signature *Cathy Higginbotham* Date **08/11/2003**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

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

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

FILED FOR RECORD

AUG 13 2003

(Instructions on Reverse)

OPERATOR

ARMINGTON FIELD OFFICE

McElmo Creek Unit #D-17  
San Juan County, Utah  
43-037-15704

7/21/03

MIRU, NIPPLE DOWN WELLHEAD, NU BOPE, TEST GOOD, LAY DOWN KILL STRING, 93 JOINTS, PICK UP RETRIEVING TOOL FOR RBP, PU 30 JTS WORKSTRING. SHUT IN FOR THE NIGHT.

7/22/02

PICK UP THE REST OF WORKSTING TRY TO TAG BUT HAD 30' FILL ON TOP OF THE TOOL, CIRCULATED 16 PPG MUD AROUND AND CIRCULATED FINALLY TAGGED THE TARGET.

7/23/03

LATCHED ON TO THE RBP. RELEASED THE CAME OUT OF HOLE AND LAY DOWN RBP. PU 5.5" CEMENT RETAINER RAN IN HOLE SPOTTED SET AT 5140'. PUMP BRINE WATER REVERSE CIRCULATE PUMP 16 PPG MUD BACK OUT. TEST LINES AND RIG STRING BACK IN CMT RETAINER, COULDN'T GET INJECTION RATE, UNLATCH OUT OFF CMT RT, PULL OUT DEADHEAD PRESSURE UP TO 3000# CAME BACK OUT 3 STANDS FINALLY CIRCULATED AND WENT BACK IN AND STING BCK IN, CALCULATED INJECTION RATE. 5 BBL/ MIN AT 3000#. REVIEW JOB, TO GO ON WITH JOB. STARTED 5 BBLS FRESH WATER, PUMPING 85 SX @ 15.8 PPG, SACKS OF CEMENT STING OUT OF CMT RETAINER PLAN TO CEMENT BALANCE WITH 15 SX OF CEMENT TO SPOT ON TOP OF CMT RTAINER. WHEN WE STING OUT THE TUBING WAS LIGHTER, LAY DOWN 20 JTS. JIM WALKER W/ USEPA WANTED TO TAG THE TOC HAD TO LET THE CEMENT SET OVER NIGHT.

7/24/03

PLAN TO TAG TOC RAN IN HOLE WITH 165 JTS HAD ONLY 10' OF CEMENT, SHOULD BE 100'. PULL 5 JTS OUT OF HOLE CIRCULATED FRESH WATER PUMP OUT 10 BBLS OF 16 PPG MUD MIGHT CAUSE TO THE CEMENT BALANCE DIDN'T WORK. RAN BACK IN HOLE ON TOP OF CEMENT DUMP 15 SX TO BE ATLEAST 100'. POOH LAY DOWN 19 JOINTS. SPOT AT 4500' CEMENT BALANCE PLUG AT 4500' - 4300'. WENT IN WITH 30 SX CAME OUT OF HOLE, USEPA WANTS TO TAG TOC SO WE SHEDULED UNTIL TOMORROW MORNING.

7/25/03

WIRELINE SERVICE RIH TAG TOC AT 4231'. EPA OK AND RIG DOWN WIRELINE SERVICE. PU CEMENT RETAINER SET 2837' WHERE CASING LEAK WAS AT ( 2890'-2906') TRY TO GET CIRCULATE RATE , WAS ONLY GETTING .7 BBL RATE EPA OK, STING OUT DUMP 8 SX = 50' PULL TBG OUT OF HOLE 20 STANDS STND BACK, LAY DOWN 51 JOINTS AND STINGER. RU WIRELINE UNIT, PERFORATED AT 1325' RIG DOWN WIRELINE UNIT, CLOSE IN THE BLIND TESTED NO RATE. WHEN IN HOLE WITH CEMENT RETAINER SET AT 1252' (40 JTS). TRY TO GET RATE 0 RATE. EPA OK. WE STING OUT AND CEMENT OT TOP SURFACE WITH 145 SX, LAY DOWN 40 JTS OF TUBING, NIPPLE DOWN BOPE AND CLEAN UP LOCATION RIG DOWN.

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

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

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

Operator Name Change/Merger

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

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

**DATA ENTRY:**

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

**BOND VERIFICATION:**

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

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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**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

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

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> 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

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

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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"/> 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 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) Laurie Kilbride TITLE Permitting Supervisor  
SIGNATURE *Laurie B. Kilbride* DATE 4/19/2006

(This space for State use only)

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

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DIV. OF OIL, GAS & MINING

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

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

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

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