

- Scout Report sent out
- Noted in the MID File
- Location map pinned
- Approval or Disapproval Letter
- Date Completed, P. 3, A, or operations suspended 2-21-59
- Pin changed on location map
- Affidavit and Record of A & P
- Water Shut-Off Test
- Gas-Oil Ratio Test
- Well Log Filed

FILE NUMBER

Entered in MID file _____

Entered on P. 3 Sheet _____

Location Map Pinned _____

Card filed _____

Approval Letter _____

Disapproval Letter _____

Checked by Chief _____

Copy filed to Field Office _____

Water Shut-Off Test _____

Gas-Oil Ratio Test _____

Date Completed 2/21/59 _____

Location Pinned _____

Entered on P. 3 _____

Entered on P. 3 _____

State of Fee Land _____

LOGS FILED

Electric Log 7-13-59 _____

Electric Logs (No.) 1 _____

E. _____ I. _____ E-I. _____ GR. _____ GR-N. _____ Micro. _____

Lat. _____ Mi-L. _____ Sonic _____ Other Radioactivity

10-12-71 Subsequent Report of Injection
 Converting to water

(SUBMIT IN TRIPLICATE)

Indian Agency _____

Navajo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. 11-20-603-263

0		
	18	

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)

December 23, 1958, 19__

Navajo Tract 114

Well No. 27 is located 400 ft. from [N] line and 490 ft. from [W] line of sec. 18

Lot 3 NWNW Section 18 41S 25E SLM
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
 McElmo Creek San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is _____ ft. 4446' ungraded.

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)

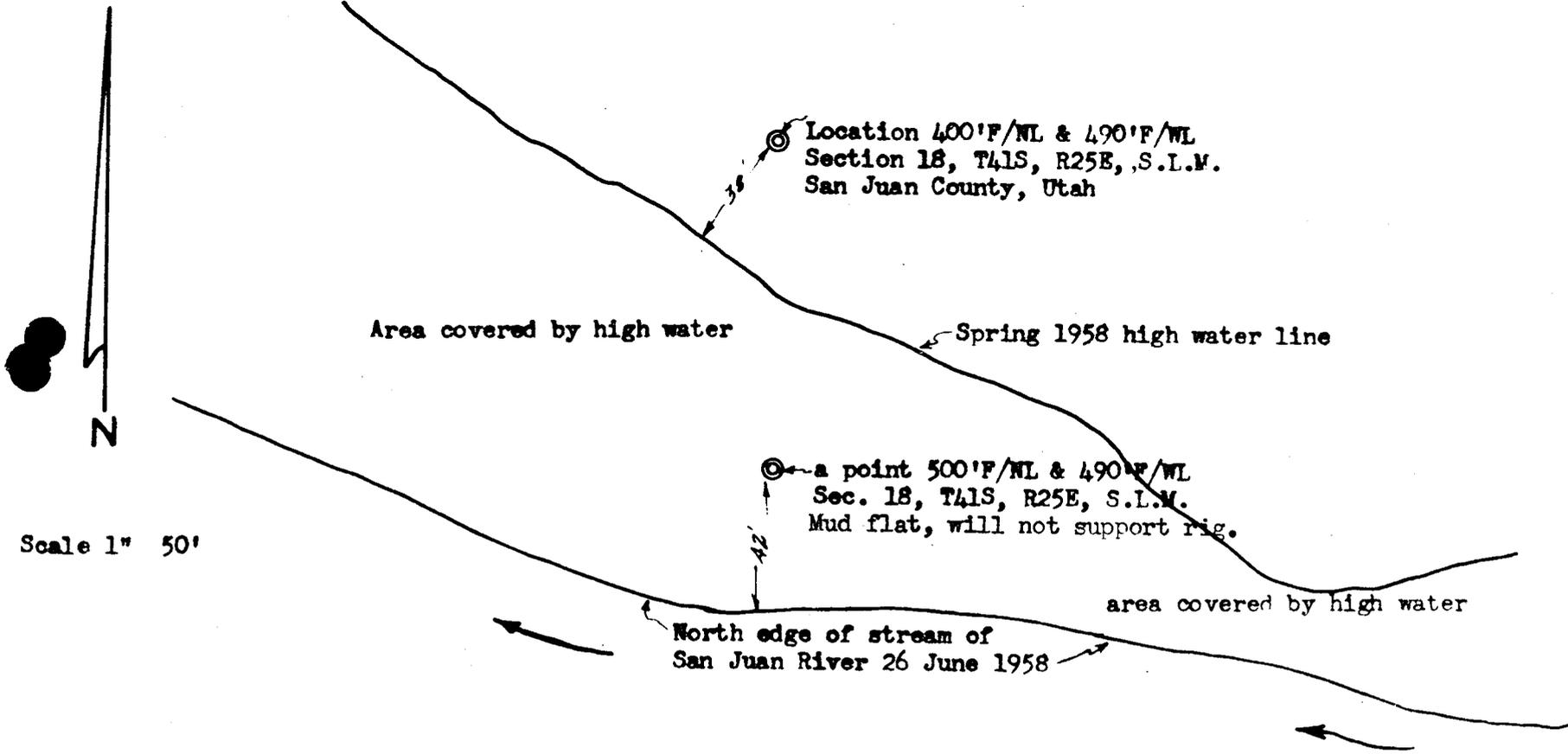
Rotary drilling equipment will be used to drill to approximately 5600' to the Paradox Salt Formation. Surface Casing: Approximately 1300' of 8-5/8" OD 24# ~~sm33~~ casing cemented to the surface. Oil String: Required amount of 5 1/2" OD J55 smls casing cemented with required amount of cement. Mud Program: Conventional gel mud, may convert to oil emulsion to drill pay. Drill Stem Tests: All oil and gas shows will be tested. Electric logs etc will be run before setting casing or abandonment. Stimulation treatments such as acidizing or hydraulic fracturing may be employed in completion.

This location is staked 490' from West Line because of short quarter section, and 400' from the North line because of topographic conditions as shown on attached plat. The entire section North of this location is covered by the same lease number as shown above.

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

Company The Carter Oil Company
Production Department
 Address Box 3082
Durango, Colorado

By B. M. Bradley
 COPY (ORIGINAL SIGNED) B. M. BRADLEY
 B M Bradley
 Title District Superintendent



Location 400'F/NL & 490'F/WL
 Section 18, T41S, R25E, S.L.M.
 San Juan County, Utah

Area covered by high water

Spring 1958 high water line

a point 500'F/NL & 490'F/WL
 Sec. 18, T41S, R25E, S.L.M.
 Mud flat, will not support rig.

area covered by high water

North edge of stream of
 San Juan River 26 June 1958

Scale 1" 50'

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

James P. Leese
 James P. Leese
 Reg. Land Surveyor
 Utah Reg. No. 1472



THE CARTER OIL COMPANY

RIVER TRAVERSE IN NW¹ NE⁴ Sec 18
 T41S, R25E, S.L.M.

Navajo Tract 115
 San Juan County, Utah

18

COMPANY **THE CARTER OIL COMPANY**

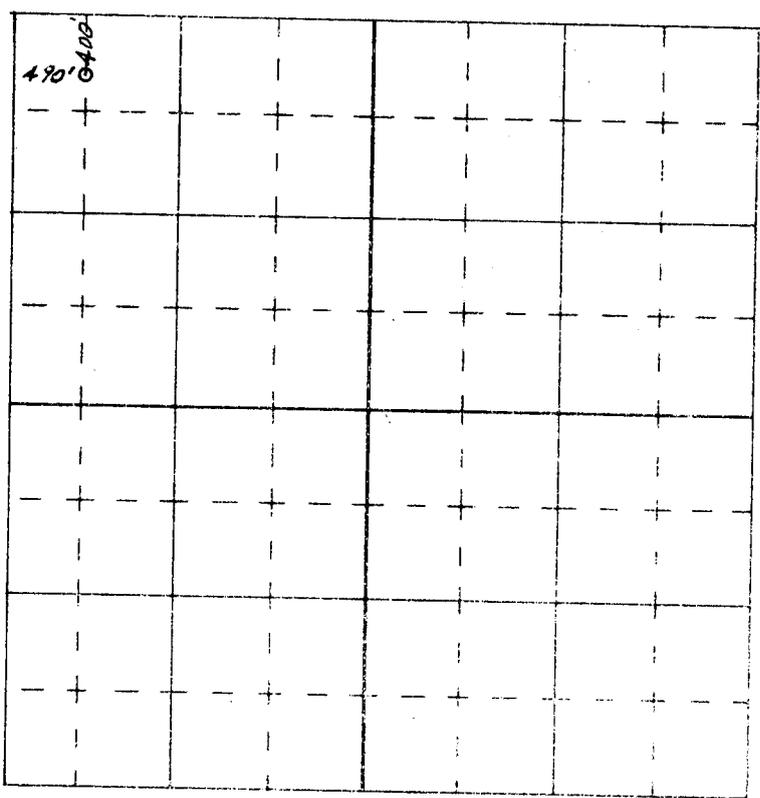
Well Name & No. **NAVAJO TRACT** ~~114~~ Well # ~~114~~ Lease No.

Location **400 FEET FROM THE NORTH LINE & 490 FEET FROM THE WEST LINE**

Being in **NW $\frac{1}{4}$ NW $\frac{1}{4}$**

Sec. **18**, T **41S**, R **25E**, S.L.M., San Juan County, Utah

Ground Elevation **4446.3'** ungraded



Scale — 4 inches equals 1 mile

Surveyed **26 June**, 19 **58**

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

James P. Leese
Registered Land Surveyor.
James P. Leese
Utah Reg. No. 1472

17

CAR-PRO-373-B
LEASE PLAT & PIPE LINE DATA

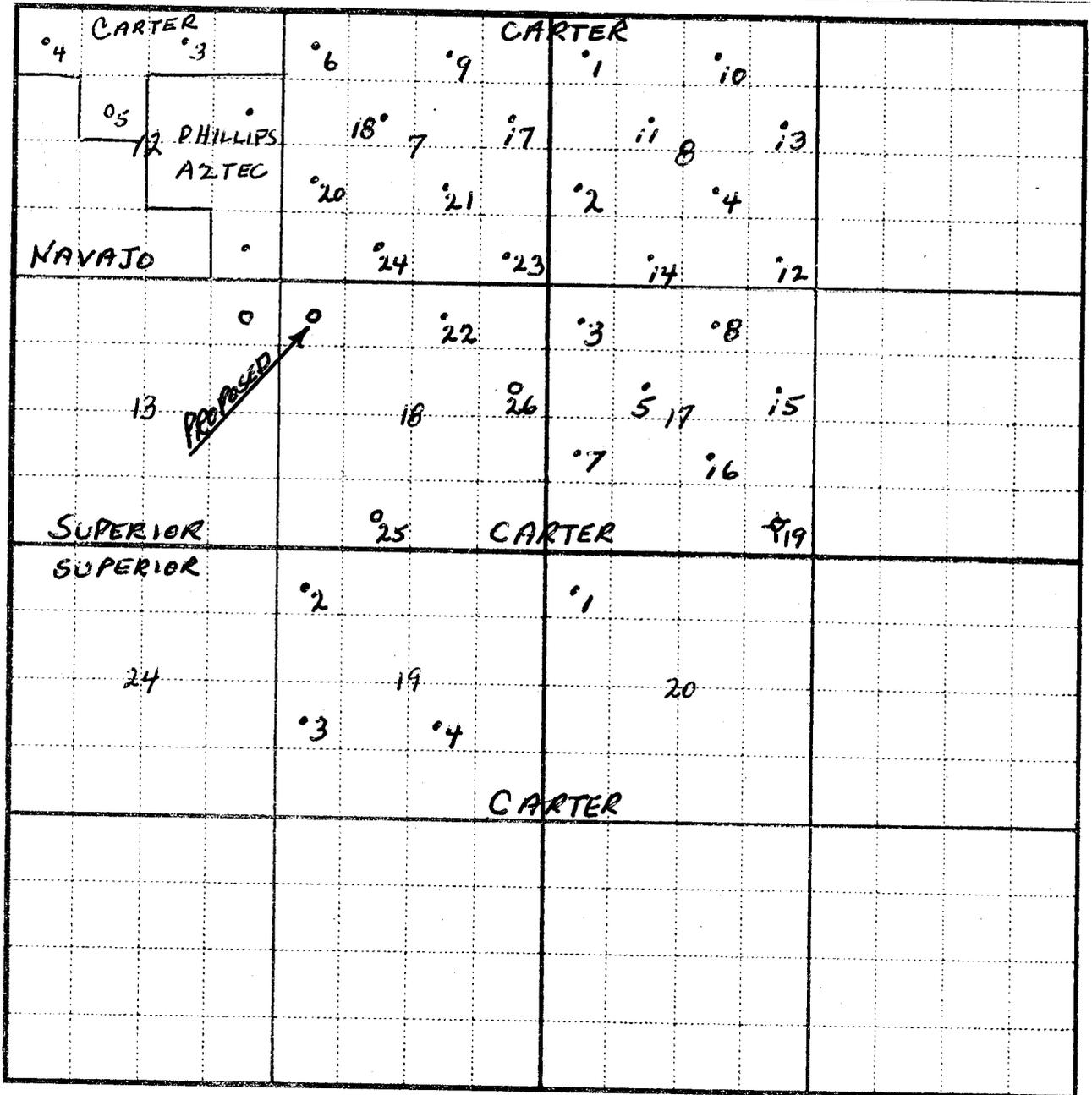
DIV. NO. _____ BLOCK NAME _____ LEASE NO. _____
 LESSOR _____
 TOTAL ACCUMULATED INTEREST _____

STATE Utah COUNTY San Juan SEC 18 T. 41S R. 25E ACRES _____
 DESCRIPTION AND INTEREST: _____

The Carter Oil Company - Proposed Location - Navajo Tract 114 Well #27

IF USED FOR PIPE LINE DIAGRAM --- PLEASE SUPPLY THE FOLLOWING INFORMATION

Total Length and Size of Pipe Laid _____ Pipe Transferred From _____
 Total Length and Size of Pipe Taken Up _____ Pipe Transferred to _____
 Depth Buried _____ Painted _____ Screw, Welded or Coupled _____ List Fittings (on back of this sheet if necessary)
 Date _____ District _____ Farm or Plant _____
 Signed _____
 (Mail to Engineering Department - Tulsa)



When used as 1/4" Section Scale, 1" = 400'
 When used as Section Scale, 1" = 800'
 When used as 4 Sections Scale, 1" = 1600'
 Place check mark after scale used.

Plat made by _____ Date _____
 1/2" Base Map _____ Date _____
 Plat Book (Pend.) _____ Date _____ (Comp.) _____ Date _____
 Block Map (Pend.) _____ Date _____ (Comp.) _____ Date _____
 Block Map Tr. (Pend.) _____ Date _____ (Comp.) _____ Date _____

Carter

THE CARTER OIL COMPANY

P. O. Box 3082
Durango, Colorado
December 23, 1958

The State of Utah
Oil and Gas Conservation Commission
Room 310 Newhouse Building
Salt Lake City, Utah

Attention: Mr. Cleon B. Feight

Dear Sir:

We request your approval under Rule C-3 (c), General Rules and Regulations and Rules of Practice and Procedure, Utah Oil and Gas Conservation Commission, for the attached Notice of Intention to Drill.

This location had your approval by letter dated July 2, 1958, however, we postponed the drilling at that time and submitted a Notice of Intention to Change Plans on September 3, 1958.

This well is offset to the Northwest by Phillips Oil Company with a well located in the SE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 12, Township 41 South, Range 24 East, and to the West by Superior Oil Company who is moving on a location in the NE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 13, Township 41 South, Range 24 East.

Your early consideration of this request will be appreciated.

Very truly yours,



B. M. Bradley

FMB:JRC/jal

cc: Mr. P. T. McGrath
U. S. G. S.
Farmington, New Mexico

16

December 29, 1958

The Carter Oil Company
Production Department
P. O. Box 3082
Durango, Colorado

Attention: B. M. Bradley, District Supt.

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo Tract 114-27, which is to be located 400 feet from the north line and 490 feet from the west line of Section 18, Township 41 South, Range 25 East, SLEM, San Juan County, Utah.

Please be advised that insofar as this office is concerned, approval to drill said well on said unorthodox location is hereby granted under Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure, Oil and Gas Conservation Commission, State of Utah.

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

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
EXECUTIVE SECRETARY

CBF:ce

cc: Phil McGrath
USGS, Farmington,
New Mexico

+ Re-Surveyed

10-38

15

(SUBMIT IN TRIPLICATE)

Indian Agency _____

Navajo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. 11-20-603-263

0			
	18		

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 _____	
<u>Notice of Intention to Change Location</u>	

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

January 8th 1959, 19__

Navajo Tract 111

Well No. 27 is located 400 ft. from {N} line and 575 ft. from {E} line of sec. 18

Lot 3 NWNW Section 18 41S 25E S1M
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

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

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

Due to error in survey the above well was reported on Intention to Drill dated December 23, 1958 as being 490' from the West line of Section 18.

Corrected surveying plats are attached.

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

Company The Carter Oil Company
Production Department

Address Box 3082
Durango, Colorado

By B M Bradley
B M Bradley

Title District Superintendent

Company THE CARPENTER COMPANY

Lease NAVAJO TRACT 114

Well No.

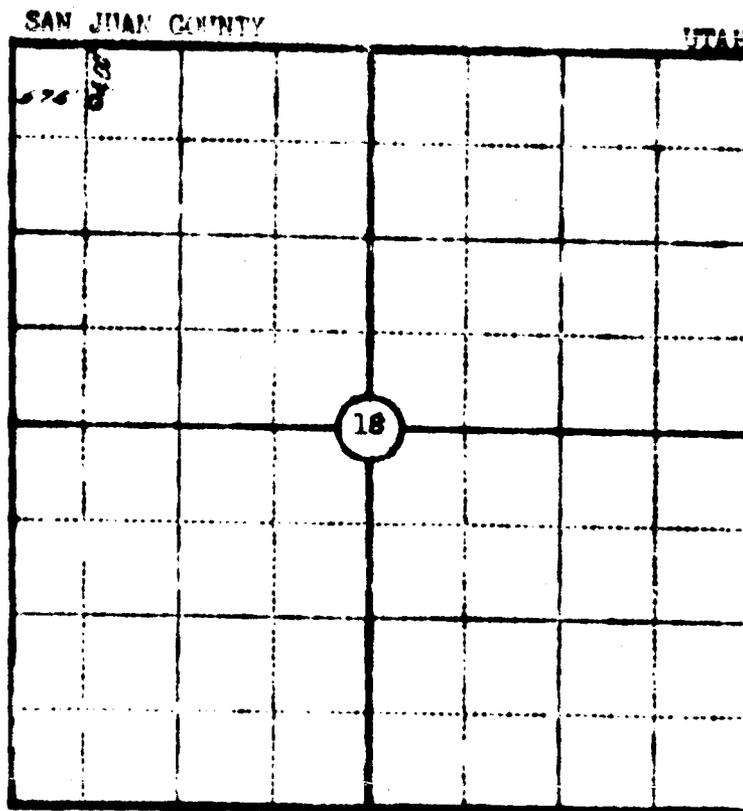
Sec. 18

T. 11 S,

R. 25 E, S.L.M.

Location 400' FROM THE NORTH LINE & 575' FEET FROM THE WEST LINE

Elevation 1146' ungraded ground



Scale- 4 inches equal 1 mile

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

Seal:

Registered Land Surveyor.

James P. Leese

Utah Reg. No. 1172

Surveyed 30 December

19 58

12

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALLOTTEE
TRIBE Navajo
LEASE NO. 14-20-603-263

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field McKino Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of January, 19 59,

Agent's address Box 3082 Company The Carter Oil Company
Durango, Colorado Signed _____

Phone Cherry 7-0210 Agent's title Dist. Foreman

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<u>NAVAJO TRACT</u>		<u>114</u>								
<u>Sec. 18</u>										
<u>NW NW</u>	<u>41S</u>	<u>25E</u>	<u>27</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>Spudded 1-10-59, TD 5438', running casing.</u>

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

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

Carter

THE CARTER OIL COMPANY

P. O. Box 3082
Durango, Colorado
February 6, 1959

The State of Utah
Oil & Gas Conservation Commission
310 Newhouse Building
Salt Lake City 11, Utah

Attention: Mr. C. B. Feight

Dear Sir:

We are forwarding herewith Lessee's Monthly Report of Operations on our Navajo Tract 114 Well No. 27. Inasmuch as this lease directly offsets open Indian acreage we ask that the information contained in the enclosed report be kept confidential for the maximum time permitted by regulations.

Yours very truly,


H. L. Farris
District Foreman

HLF/jml

Enclosure

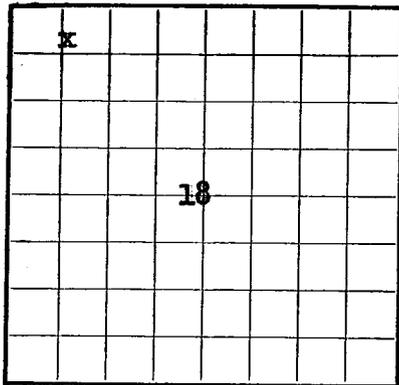
X

Released 11-20-59

17

**STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION**

State Capitol Building
Salt Lake City 14, Utah



LOCATE WELL CORRECTLY

To be kept Confidential until _____
(Not to exceed 4 months after filing date)

LOG OF OIL OR GAS WELL

Operating Company The Carter Oil Company Address Box 3082, Durango, Colorado
 Lease or Tract: Navajo Tract 114 Field McElmo Creek State Utah
 Well No. 27 Sec. 18 T. 41S R. 25E Meridian SIM County San Juan
 Location 400 ft. ~~W~~ of N Line and 575 ft. ~~W~~ of E Line of Section 18 Elevation 4461'
(Derrick floor relative to sea level)

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

Signed [Signature] Title Dist. Engineer

Date June 25, 1959

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

Commenced drilling January 10, 19 59 Finished drilling January 31, 19 59

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5150 to 5195 No. 4, from _____ to _____
 No. 2, from 5205 to 5395 No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 495 to 975 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"	48	8-R	-	135'	-	-	5200	5223	Production
8-5/8"	24	8-R	J-55	1350'	Baker	-	5243	5264	"
5-1/2"	14	8-R	J-55	5428'	Hewco	-	5277	5288	"
							5293	5336	"
							5354	5398	"

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8"	148'	300	Halliburton	-	-
8-5/8"	1362'	1125	Halliburton	-	-
5-1/2"	5438'	275	Halliburton	-	-

PLUGS AND ADAPTERS

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

SHOOTING RECORD

FOLD MARK

913
FOLD MARK

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8"	148'	300	Halliburton	-	-
8-5/8"	1362'	1125	Halliburton	-	-
5-1/2"	5438'	275	Halliburton	-	-

PLUGS AND ADAPTERS

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

SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from Surface feet to 5438' feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

June 25, _____, 19 59 Put to producing February 21, _____, 19 59

The production for the first 24 hours was 616 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 40.1° @ 60°

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. _____

EMPLOYEES

GOR 600

_____, Driller _____, Driller
 _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	495'	495'	San Rafael Group
495	1212	717	Glen Canyon Group
1212	2307	1095	Chinle
2307	4240	1933	Cutler
4240	5195	955	Hermosa
5195	5395	200	Paradox
GEOLOGIC TOPS			
1212'	Chinle		
2307	Cutler		
4240	Hermosa		
5195	Paradox		
FROM ELECTRIC LOG			

[OVER]

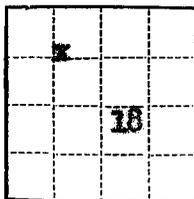
At the end of complete Driller's Log, add Geologic Tops. State whether from Electric Logs or samples.

HISTORY OF OIL OR GAS WELL

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

NAVAJO TRACT 114 #27

TD 5438', PBTD 5409'. Perforated 5354-98' with 2 shots per foot, spotted 450 gal. MCA across perforations, swabbed back. Treated with 5400 gal. reg. 15% acid and 40 nylon balls. Flowed on 4 hour test through 2 1/2" choke for 72 bbls. oil, tubing pressure 225#. Killed well, set bridge plug @ 5346', perforated 5277-88' and 5293-5336' with 2 shots per foot. Spotted 550 gal. MCA across perforations, swabbed and flowed back. Treated with 9400 gal. reg. 15% acid. Flowed on test 4 hours through 2 1/2" choke for 118 bbls. oil, tubing pressure 290#. Killed well. Drilled out plug @ 5346', drove to 5407'. Set bridge plug @ 5271', perforations shot from 5200-23' and 5243-64 with two shots per foot. Spotted 400 gal. MCA across perforations, swabbed back. Treated with 7200 gal. reg. 15% acid and 40 nylon balls. Swabbed and flowed to clean up. Flowed on test four hours thru 2 1/2" choke for 107 bbls. oil, tubing pressure 340#. Killed well. Drilled out plug @ 5271', drove to 5406'. Completed as oil well on 2-21-59, flowing at rate of 616 b.c.p.d., no water on 6 hour test. Tubing pressure 300#, casing pressure 100#, gravity 40.1° @ 60°.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Navajo
Lease No. 11-20-603-263
Unit _____

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 RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING 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)

June 25, 1959

Navajo Tract 114
Well No. 27 is located 400 ft. from N line and 575 ft. from E line of sec. 18
Lot 3 NW 1/4 Sec. 18 (Twp.) 11E (Range) 25E (Meridian) 11N
Keliso Creek (County) Durango (State or Territory)

The elevation of the derrick floor above sea level is 4161 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)

TD 5138', PWD 5109'. Perf. 5351-98' w/2 shots/ft., spotted 450 gal. MCA across perf., swabbed back. Treated w/5000 gal. reg. 15% acid & 40 nylon balls. Flowed on 4 hr. test thru 2 1/2" choke for 72 bbls. oil, T. P. 225%. Killed well, set bridge plug @ 5346', perf. 5277-83' & 5293-5336' w/2 shots/ft. Spotted 550 gal. MCA across perf., swabbed & flowed back. Treated w/9400 gal. reg. 15% acid. Flowed on test 4 hours thru 2 1/2" choke for 118 bbls. oil, T. P. 290%. Killed well, drilled out plug @ 5346', drove to 5407'. Set bridge plug @ 5271', perf. from 5200-23' & 5243-64' w/2 shots/ft. Spotted 400 gal. MCA across perf., swabbed back. Treated w/7200 gal. reg. 15% acid and 40 nylon balls. Swabbed and flowed to clean up. Flowed on test four hours thru 2 1/2" choke for 107 bbls. oil, T. P. 340%. Killed well. Drilled out plug @ 5271', drove to 5406'. Completed as oil well on February 21, 1959, flowing at rate of 616 b.o.p.d., no water on 6 hr. test. Tubing pressure 300%, casing pressure 100%, gravity 40.1° @ 60°.

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

Company The Carter Oil Company
Address P. O. Box 3082
Durango, Colorado

By COPY (ORIGINAL SIGNED) H. J. FLATT
Title Dist. Engr.

X		
	18	

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Navajo
Lease No. 14-20-603-263
Unit _____

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 RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING 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.....	<u>Casing Record</u>	<u>X</u>

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

June 25, 19 59

Navajo Tract 114

Well No. 27 is located 300 ft. from N line and 575 ft. from W line of sec. 18

Lot 3 NW NW Sec. 18
(1/4 Sec. and Sec. No.)

115
(Twp.)

25E
(Range)

S1M
(Meridian)

Mocono Creek
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is 4461 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)

Set 13-3/8" casing @ 116', cemented with 300 sz. cement.

Set 8-5/8" casing @ 1362', cemented with 1125 sz. cement.

Set 5-1/2" casing @ 5138', cemented with 275 sz. cement.

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

Company The Carter Oil Company

Address Box 3082

Durango, Colorado

By COPY (ORIGINAL SIGNED) H. J. FLATT

Title Dist. Engineer

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-263

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Nava Jo

7. UNIT AGREEMENT NAME

McElmo Creek Unit

8. FARM OR LEASE NAME

McElmo Creek Unit

9. WELL NO.

MCU #J-21

10. FIELD AND POOL, OR WILDCAT

McElmo Creek Field

11. SEC., T., R., M., OR B.L.K. AND SURVEY OR AREA

NW NW Sec. 18, T41S, R25E

12. COUNTY OR PARISH

San Juan Cty.

13. STATE

Utah

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
The Superior Oil Company

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

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

400' FNL & 600' FWL, Section 18, T41S, R25E

14. PERMIT NO.

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

4462' KB - 4451' GL

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

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

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

Notice of intent to recomplete MCU #J-21 due to high water cut from Desert Creek Zone II and communication of Zones. Zone II will be squeezed off and Zone I will be recompleted as follows:

1. All perfs 5200-5398' will be squeezed with 600 sacks cement.
2. Drill out to 5310 and perf 5294-5300'.
3. Acidize and block squeeze with 75 sacks cement.
4. Drill out to 5270'.
5. Perf. 5200-23' and 5242-64' with 2 jets per foot.
6. Treat with 12,400 gallons 28% acid, flush with crude.
7. Test and put well back on production. ✓

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

SIGNED D. D. Kingman

TITLE District Engineer

DATE 3/21/69

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

OGC/njh

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-263
2. NAME OF OPERATOR The Superior Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
3. ADDRESS OF OPERATOR P. O. Drawer 'G', Cortez, Colorado 81321		7. UNIT AGREEMENT NAME McElmo Creek Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 400' FNL & 600' FWL, Sec. 18, T41S, R25E		8. FARM OR LEASE NAME McElmo Creek Unit
14. PERMIT NO.		9. WELL NO. MCU #J-21
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4462' KB		10. FIELD AND POOL, OR WILDCAT McElmo Creek Unit
		11. SEC., T., R., M., OR BLEK AND SURVEY OR AREA NW-NW Sec. 18, T41S, R25E
		12. COUNTY OR PARISH San Juan Cty
		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 checked="" 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 checked="" type="checkbox"/>
SHOOT OR ACIDIZE <input checked="" 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) <input type="checkbox"/>	(Other) <input type="checkbox"/>

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

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

4/8/69 Set C. I. bridge plug at 5272' and squeezed all perms with 600 sacks reg. Glass 'C' cement. Displaced to 5150' in 25 min. - 4700 psi max.

4/10/69 Drilled to 5310'.

4/11/69 Perf'd 5294-5300' with 2 jets per foot. Treated with 500 gal 28% acid. Squeezed with 75 sacks cement. Displaced 50, reversed out 25. 5100 psi max.

4/12/69 Drilled out to 5270'.

4/14/69 Perf'd 5200-23, 5241-64' with 2 jets per ft. Spotted 400 gal 28% acid. Formation broke at 2000 psi. Pumped 2 BPM at 2700 psi.
1st stage treatment: 4000 gal 28% acid pumped at 12 BPM, 4000 psi, flushed with 4000 gal crude, followed by 500# mothball plug.
2nd stage treatment: 4000 gal 28% acid pumped at 11 BPM, 4900-4000 psi, flushed with 4000 gal crude, followed by 500# mothball plug.
3rd stage treatment: 4000 gal 28% acid pumped at 13 BPM - 4000 psi, flushed with 5500 gal crude.

4/14-4/15 Swbd and flowed 304 bbl gross fluid. 20 BPH rate, 40% cut.

4/21 - Test - 207 BOPD, 52 BW, 20% cut.

4/23 - Test - 188 BOPD, 26 BW, 12.1% cut.

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

SIGNED D. D. Kingman TITLE District Engineer DATE May 1, 1969

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-263

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

McElmo Creek Unit

8. FARM OR LEASE NAME

McElmo Creek Unit

9. WELL NO.

MCU #J-21

10. FIELD AND POOL, OR WILDCAT

McElmo Creek Field

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

NW NW Sec. 18, T41S, R25E

12. COUNTY OR PARISH

San Juan Cty.

13. STATE

Utah

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
The Superior Oil Company *Shumble*

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
400' FNL & 600' FWL, Section 18, T41S, R25E
San Juan County, Utah

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4462' KB - 4451' GL

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other) Convert to Water Injection

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)
REPAIRING WELL
ALTERING CASING
ABANDONMENT*

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

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

Production equipment will be removed from the well. Injection tubing and packer will be installed with packer set at 5146'. The well will be converted to water injection in the Desert Creek formation.

APPROVED BY DIVISION OF OIL & GAS CONSERVATION

DATE 6-28-71

BY *Clem B. Feight*

43-037-154/99

TD - 5438'

221-59 OW *Shumble*

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

SIGNED *D. D. Kingman*

TITLE District Engineer

DATE June 25, 1971

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIP DATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Water Injection Well		5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-263
2. NAME OF OPERATOR The Superior Oil Company <i>Superior</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
3. ADDRESS OF OPERATOR P. O. Dr. 'G', Cortez, Colorado 81321		7. UNIT AGREEMENT NAME McElmo Creek Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 400' FNL & 600' FWL, Section 18, T41S, R25E, SLM		8. FARM OR LEASE NAME 9. WELL NO. MCU #J-21
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4462' KB	10. FIELD AND POOL, OR WILDCAT Greater Aneth 11. SEC., T., R., M., OR BLE, AND SURVEY OR AREA NW NW Sec. 18, T41S, R25E
		12. COUNTY OR PARISH San Juan
		13. STATE Utah

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

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

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

9/14/71	Pulled tubing and production equipment. RIH with 5-1/2" Lok-set packer on 2-7/8" tubing. Set packer at 5152'. Tied into injection line.
9/20/71	Injection rate 1067 BWPD.
9/30/71	Injection rate 904 BWPD.

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

SIGNED J. P. Moser TITLE Production Engineer DATE 10/8/71
(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

INITIAL WELL TEST

McELMO CREEK UNIT # J-21

DATE February 15, 1959

OIL BBL/DAY 616

OIL GRAVITY 40.1

GAS CU.FT/DAY 370,000/CF

GAS-OIL RATIO CU/FT/BBL 600cst

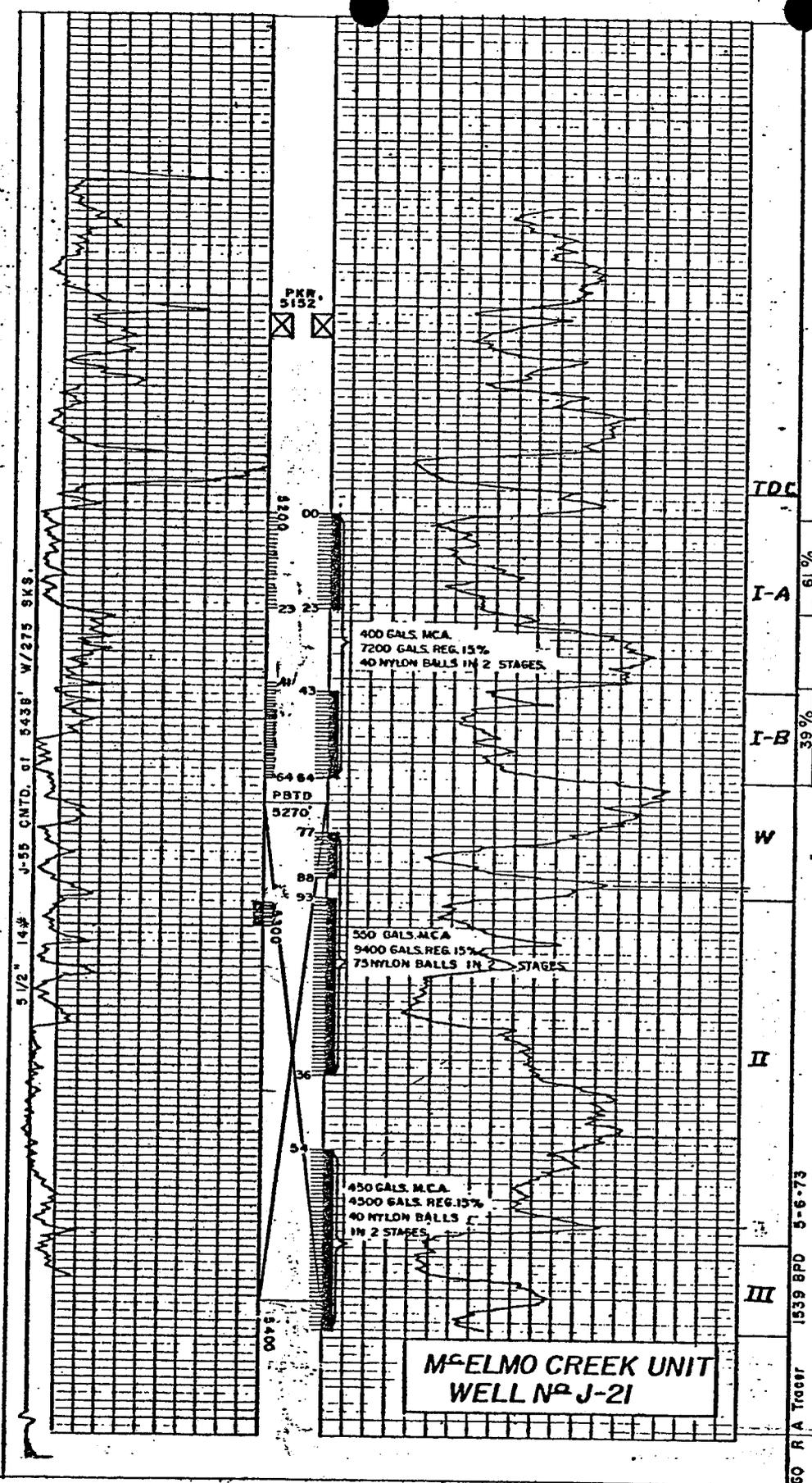
WATER BBL/DAY 0

PUMPING/FLOWING F

CHOKE SIZE 22/64

FLOW TUBING PRESSURE 300

4-8-69: Squeezed all perf's W/600
 sks cmt. Drid out to 5310', perfed
 5294-5300'. Treated W/500 gals 28%
 acid. Squeezed W/75 sks cmt.
 Drid out to 5270'. PBTD. Perfed
 5200-23', 5241-64', (Spotted 400 gals
 28% acid) Treated perf's 5200-64'
 W/12,000 gals 28% acid In 3 stages
 W/500# mothball plug between stages.
 9-14-71: Converted to Injection. Pkr set
 at 5152'



McELMO CREEK UNIT
 THE SUPERIOR OIL CO. OPERATOR
 NW NW SEC.18, T41S, R25E.
 SAN JUAN COUNTY, UTAH.
 ELEV. 4462' K.B. T.D. 5438'

REV: II-5-71

Well No. J-21

McElmo Creek Unit

ATTACHMENT I

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

(a) Well Data Sheets.

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

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

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

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

(5)

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

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

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

PH: 6.5	Ca: 13770 ppm	SO4: 25 ppm
CL: 16700 ppm	Mg: 11421 ppm	H2S: 30 ppm
Fe: 3 ppm	HC03: 109.8 ppm	Ba: -
CaC03: 18470 ppm	C03: -	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	HC03: 48.8 ppm	Ba: -
CaC03: 22150 ppm	C03: -	Specific Gravity: 1.0902

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

(7) N/A.

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

(9) N/A.

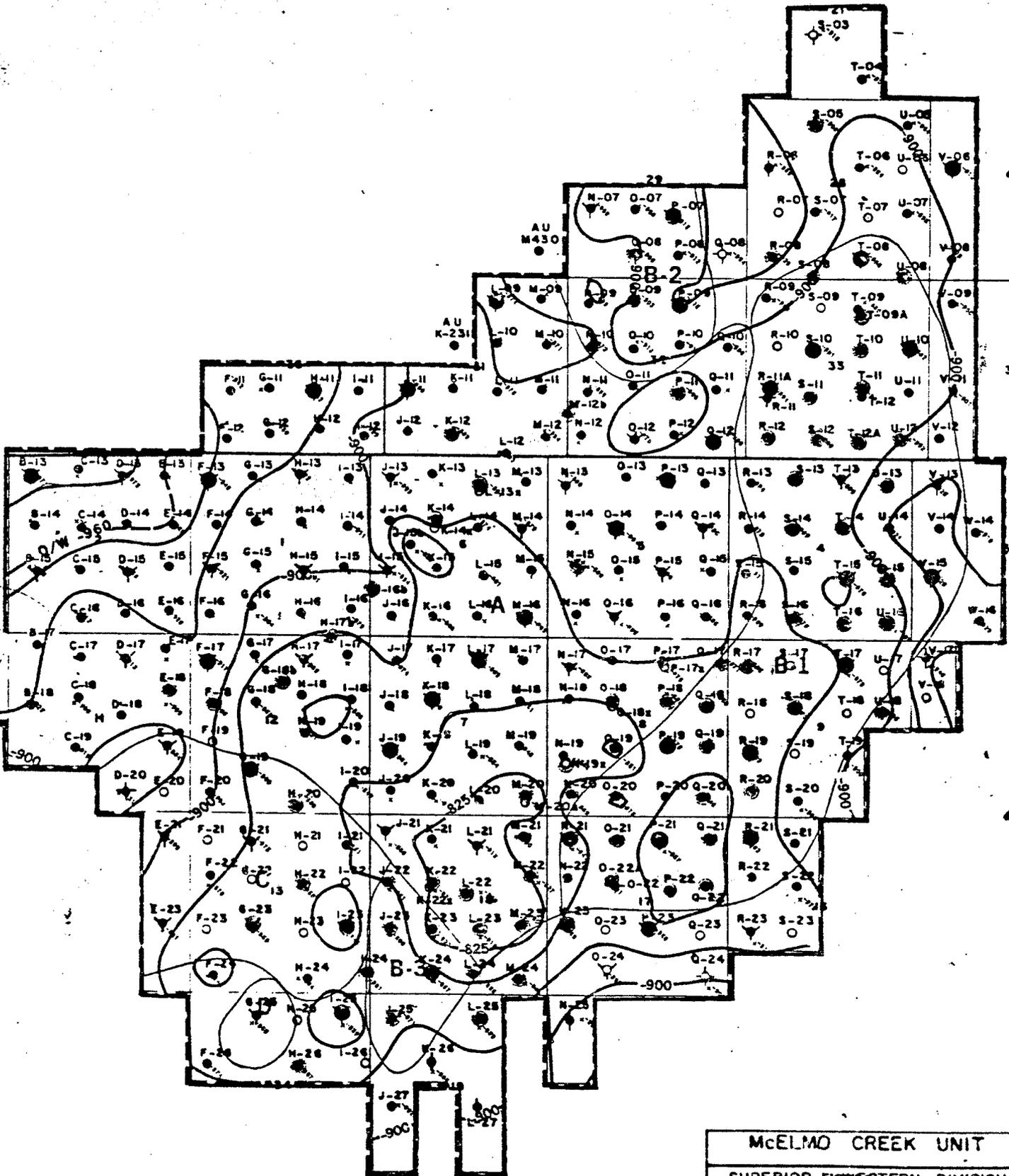
(10) N/A.

R24E

R25E

T 40 S

T 41 S



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

O/W CONTACT -960

0 2000' 4000'



McELMO CREEK UNIT	
SUPERIOR WESTERN DIVISION	
McELMO CREEK UNIT	
SAN JUAN COUNTY, UTAH	
SUPERIOR WESTERN DIVISION	
STRUCTURE II	
BY: TOP OF	
DESERT CREEK LIMESTONE, 2nd	
DATE: 4-14-73	ZONE 2
DRAWING NO.	
BY:	SCALE:
DATE:	C.I.: 25ft.
CHECKED:	DRAWN BY:

MC ELMO CREEK UNIT #J-21

400' FNL, 600' FWL
NW NW Sec. 18, T41S, R25E
San Juan County, UTAH

WATER INJECTION WELL

FIELD: MC ELMO

KB: 4462' DF: 4461' GL: 4451' TD: 5438' PBTD: 5270' TLD: 10.00'
SPUDDED: 1-10-59 COMPLETED: 2-21-59 TOC: 4310'

INJECTION ZONE: Desert Creek Zone 1

PERFS: Zone 1 - 5200'-23', 5242'-64' (2 Jets/ft.)

CASING: 13-3/8" 48# H-40 Smls ST&C w/300 Sx. 148'
8-5/8" 24# J-55 Smls ST&C w/1125 Sx. 1362'
5 1/2" 14# J-55 Smls ST&C w/275 Sx. 5438'

TUBING: 2-7/8" 6.5# J-55 R-2 8R EUE w/TK-75 @ 5156'. Avg. jt. length 31.4'.

PACKERS: Baker Lok-Set @ 5152'

PMPG. EQUIP: Injection Equipment

REMARKS:

WELL HEAD: 6" Ser. 600 Cameron Type 'F'.

-
- 2-59 Perfd 5200'-23, 5243'-64', 5277'-88', 5293'-5336', 5354'-98'.
Acidized w/15% reg. acid & nylon balls.
- 4-11-69 Squeezed all perfs. Perfd 5294'-5300', block squeezed, perfd
5200'-23', 5242'-64'. Treated w/12,000 gal. 28% acid. Final
pressure 4000#, ISIP 1300#, on vac in 15 Minutes.
- 9-14-71 Converted to water injection.
- 11-2-77 Treated w/2268 gal 28% HCl acid. FP 3000 psi, ISIP 2900 psi.

CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW

Operator: Superior Well No. Mc Elmo Creek Unit J-21
 County: San Juan T 41S R 25E Sec. 18 API# 43-037-15499
 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 type="checkbox"/>	<input checked="" 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 - Jerry

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 Maryo - Wright Depth 1300

Number of wells in area of review	<u>10</u>	Prcd. <u>7</u>	P&A <u>0</u>
		Water <u>0</u>	Inj. <u>3</u>

Aquifer Exemption	Yes <input type="checkbox"/> NA <input checked="" type="checkbox"/>
Mechanical Integrity Test	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Date	<u>10-21-84</u> Type <u>Water Tracer log</u>

Comments: _____

Reviewed by: *CBJ*

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

SUBMIT IN TRIPLICATE
(Obtain instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> INJECTION WELL		JAN 14 1986	
2. NAME OF OPERATOR MOBIL OIL CORP AS AGENT OF SUPERIOR OIL		DIVISION OF OIL	
3. ADDRESS OF OPERATOR P. O. DRAWER 'G', CORTEZ, CO 81321		GAS & MINING	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 400' FNL, 600' FWL		5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-263	
14. PERMIT NO. 43-037-15402		15. ELEVATIONS (Show whether SP, RT, CR, etc.) DF: 4461'	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO	
		7. UNIT AGREEMENT NAME MCELMO CREEK	
		8. FARM OR LEASE NAME ---	
		9. WELL NO. J-21	
		10. FIELD AND POOL, OR WILDCAT GREATER ANETH	
		11. SEC., T., R., M., OR BLK. AND SUBVY OR ABDA Sec 18, T41S, R25E	
		12. COUNTY OR PARISH SAN JUAN	
		13. STATE UTAH	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>CO2 INJECTION</u> <input checked="" type="checkbox"/>	

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

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

Carbon Dioxide injection was initiated in this well on Jan 7, 1986

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

SIGNED *D. C. Collins* TITLE Sr Staff Op Engr DATE 1.9.86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.)

OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

SUPERIOR OIL COMPANY, through its Agent, MOBIL OIL CORP.

3. ADDRESS OF OPERATOR

P. O. DRAWER 'G', CORTEZ, COLORADO 81321

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

400' FNL, 600' FWL

14. PERMIT NO.

43-037-15499

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

G.L. 4451'

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-263

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NAVAJO

7. UNIT AGREEMENT NAME

MCELMO CREEK

8. FARM OR LEASE NAME

MCELMO CREEK UNIT

9. WELL NO.

J-21

10. FIELD AND POOL, OR WILDCAT

GREATER ANETH

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

Sec. 18, T41S, R25E

12. COUNTY OR PARISH

SAN JUAN

13. STATE

UTAH

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state in 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.)*

Build Cathodic Protection System

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 pit 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.

Superior Oil Co.
Began Drilling 1/10/59
Finished Drilling 1/30/59

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

SIGNED

Clayton J. Benally
C. J. Benally

TITLE Sr. Regulatory Engineer

DATE 2/5/86

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Mobil Oil Corporation

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

May 14, 1986

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

RECEIVED
MAY 16 1986

Attn: R. J. Firth
Associate Director

DIVISION OF
OIL, GAS & MINING

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

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	TWNHP	RNG	WELL TYPE	API NUMBER	FEDERAL LEASE NUMBER	STATE NUMBER	UNIT NUMBER
MC ELMO CREEK	I-23	SAN JUAN	UT	NE	SE	13-41S-24E	INJ DP	43-037-16352	14-20-603-370		96-004190
	I-25	SAN JUAN	UT	NE	NE	24-41S-24E	INJ DP	43-037-16353	14-20-603-370		96-004190
	J-11	SAN JUAN	UT	NW	SW	31-40S-25E	INJ DP	43-037-16354	14-20-603-372		96-004190
	J-13	SAN JUAN	UT	NW	NW	06-41S-25E	INJ DP	43-037-16355	14-20-603-372		96-004190
	J-15	SAN JUAN	UT	NW	SW	06-41S-25E	INJ DP	43-037-15954	14-20-603-372		96-004190
	J-17	SAN JUAN	UT	NW	NW	07-41S-25E	INJ DP	43-037-05595	14-20-603-263		96-004190
	J-19	SAN JUAN	UT	NW	SW	07-41S-25E	INJ DP	43-037-05550	14-20-603-263		96-004190
	J-21	SAN JUAN	UT	NW	NW	18-41S-25E	INJ DP	43-037-06547	14-20-603-263		96-004190
	K-14	SAN JUAN	UT	SE	NW	06-41S-25E	INJ DP	43-037-15956	14-20-603-372		96-004190
	K-18	SAN JUAN	UT	SE	NW	07-41S-25E	INJ DP	43-037-05503	14-20-603-263		96-004190
	K-20	SAN JUAN	UT	SE	SW	07-41S-25E	INJ DP	43-037-15503	14-20-603-263		96-004190
	K-22	SAN JUAN	UT	SE	NW	18-41S-25E	INJ DP	43-037-15504	14-20-603-263		96-004190
	K-22a	SAN JUAN	UT	SE	NW	18-41S-25E	INJ DP	43-037-30490	14-20-603-263		96-004190
	K-24	SAN JUAN	UT	SE	SW	18-41S-25E	INJ DP	43-037-05406	14-20-603-263		96-004190
	L-09	SAN JUAN	UT	NW	NE	31-40S-25E	INJ DP	43-037-16359	14-20-603-372		96-004190
	L-11	SAN JUAN	UT	NW	SE	31-40S-25E	INJ DP	43-037-15958	14-20-603-372		96-004190
	L-13	SAN JUAN	UT	NW	NE	06-41S-25E	INJ DP	43-037-15959	14-20-603-372		96-004190
	L-15	SAN JUAN	UT	NW	SE	06-41S-25E	INJ DP	43-037-15960	14-20-603-372		96-004190
	L-17	SAN JUAN	UT	NW	NE	07-41S-25E	INJ DP	43-037-05613	14-20-603-263		96-004190
	L-19	SAN JUAN	UT	NW	SE	07-41S-25E	INJ DP	43-037-05539	14-20-603-263		96-004190
	L-21	SAN JUAN	UT	NW	NE	18-41S-25E	INJ DP	43-037-05471	14-20-603-263		96-004190
	L-23	SAN JUAN	UT	NE	SE	18-41S-25E	INJ DP	43-037-15507	14-20-603-263		96-004190
	L-25	SAN JUAN	UT	NW	NE	19-41S-25E	INJ DP	43-037-15508	14-20-603-264		96-004190
	M-12	SAN JUAN	UT	SE	SE	31-40S-25E	INJ DP	43-037-15962	14-20-603-372		96-004190
	M-14	SAN JUAN	UT	SE	NE	06-41S-25E	INJ DP	43-037-15963	14-20-603-372		96-004190
	M-16	SAN JUAN	UT	SE	SE	06-41S-25E	INJ DP	43-037-16361	14-20-603-372		96-004190
	M-18	SAN JUAN	UT	SE	NE	07-41S-25E	INJ DP	43-037-15510	14-20-603-263		96-004190
	M-20	SAN JUAN	UT	SE	SE	07-41S-25E	INJ DP	43-037-15511	14-20-603-263		96-004190
	N-07	SAN JUAN	UT	NE	SW	29-40S-25E	INJ DP	43-037-05819	I-149-IND-8839-A		96-004190
	N-09	SAN JUAN	UT	NW	NW	32-40S-25E	INJ DP	43-037-15964	14-20-603-372		96-004190

CO₂ inj. 1/7/86

Converted 1971

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

OPERATOR: MEPNA

FIELD: Greater Aneth LEASE: McElmo Creek

WELL # J-21 ^{NAV.} (114-27) SEC. 18 TOWNSHIP 41S RANGE 25E

STATE FED. FEE DEPTH 5438 TYPE WELL INJW MAX. INJ. PRESS. 2800 ^{psi}
PBTD 5270 Water base survey 4/9/86 4000 ^{BWPD}

TEST DATE 9/10/86

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>	<u>13³/₈</u>	<u>148</u>	<u>300_{sx}</u>	<u>8#</u>	<u>rack 146</u>	
<u>INTERMEDIATE</u>	<u>8⁵/₈</u>	<u>1362</u>	<u>1125_{sx}</u>	<u>0#</u>		
<u>PRODUCTION</u>	<u>5¹/₂</u>	<u>5438</u>	<u>275_{sx}</u>			
<u>TUBING</u>	<u>2⁷/₈</u>	<u>5156</u>		<u>1950#</u>		

Baker Lok-set 5152'

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>						

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 OF

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

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

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

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

4. Highlights of Conversation: _____

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

Mobil Oil Corporation

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

May 14, 1986

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

RECEIVED
MAY 16 1986

Attn: R. J. Firth
Associate Director

DIVISION OF
OIL, GAS & MINING

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.

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Very truly yours,



R. D. Baker
Environmental Regulatory Manager

CNE/rd
CNE8661

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

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

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

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

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

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

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

Name: ** SEE ATTACHED **	API: <u>037-15499</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

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

ENTITY REVIEW

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

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

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

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A* 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested. *OTS 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 4 1995.

FILING

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

COMMENTS

950803 UIC F5/Not necessary!

STATE OF UTAH
INVENTORY OF INJECTION WELLS

OPERATOR	API NO.	WELL	TNS	RGE	SE	WELLTYPE	INDIAN COUNT
*****	*****	*****	***	***	**	*****	*****
✓MEPNA (MOBIL	43-037-15506	L-21	41S	25E	18	INJW	Y
✓MEPNA (MOBIL	43-037-16358	K-24	41S	25E	18	INJW	Y
✓MEPNA (MOBIL	43-037-30400	K-22X	41S	25E	18	INJI	Y
✓MEPNA (MOBIL	43-037-15499	J-21	41S	25E	18	INJW	Y
✓MEPNA (MOBIL	43-037-15508	L-25	41S	25E	19	INJW	Y
✓MEPNA (MOBIL	43-037-15839	1W24	41S	23E	1	INJW	Y
✓MEPNA (MOBIL	43-037-15838	1W13	41S	23E	1	INJW	Y
✓MEPNA (MOBIL	43-037-16386	2W44	41S	23E	2	INJW	Y
✓MEPNA (MOBIL	43-037-15842	11W44	41S	23E	11	INJW	Y
✓MEPNA (MOBIL	43-037-15841	11W42	41S	23E	11	INJW	Y
✓MEPNA (MOBIL	43-037-15848	12W33	41S	23E	12	INJW	Y
✓MEPNA (MOBIL	43-037-15850	12W42	41S	23E	12	INJW	Y
✓MEPNA (MOBIL	43-037-15847	12W31	41S	23E	12	INJW	Y
✓MEPNA (MOBIL	43-037-16404	12W13	41S	23E	12	INJW	Y
✓MEPNA (MOBIL	43-037-15845	12W22	41S	23E	12	INJW	Y
✓MEPNA (MOBIL	43-037-15843	12W11	41S	23E	12	INJW	Y
✓MEPNA (MOBIL	43-037-31151	12W24	41S	23E	12	INJW	Y
✓MEPNA (MOBIL	43-037-31543	RATERFORD 12	41S	23E	12	INJW	Y
✓MEPNA (MOBIL	43-037-15854	13W31	41S	23E	13	INJW	Y
✓MEPNA (MOBIL	43-037-15851	13W13	41S	23E	13	INJW	Y
✓MEPNA (MOBIL	43-037-15857	13W42	41S	23E	13	INJW	Y
✓MEPNA (MOBIL	43-037-16407	13W44	41S	23E	13	INJW	Y
✓MEPNA (MOBIL	43-037-15855	13W33	41S	23E	13	INJW	Y
✓MEPNA (MOBIL	43-037-31152	13W11	41S	23E	13	INJW	Y
✓MEPNA (MOBIL	43-037-15852	13W22	41S	23E	13	INJW	Y
✓MEPNA (MOBIL	43-037-15853	13W24	41S	23E	13	INJW	Y
✓MEPNA (MOBIL	43-037-16410	14W43	41S	23E	14	INJI	Y
✓MEPNA (MOBIL	43-037-15860	14W43	41S	23E	14	INJW	Y
✓MEPNA (MOBIL	43-037-15863	24W42	41S	23E	24	INJW	Y
✓MEPNA (MOBIL	43-037-15862	24W31	41S	23E	24	INJW	Y
✓MEPNA (MOBIL	43-037-15984	6W14	41S	24E	6	INJW	Y
✓MEPNA (MOBIL	43-037-15988	7W32	41S	24E	7	INJW	Y
✓MEPNA (MOBIL	43-037-15990	7W41	41S	24E	7	INJW	Y
✓MEPNA (MOBIL	43-037-16394	7W21	41S	24E	7	INJW	Y
✓MEPNA (MOBIL	43-037-15985	7W12	41S	24E	7	INJW	Y
✓MEPNA (MOBIL	43-037-15989	7W34	41S	24E	7	INJW	Y
✓MEPNA (MOBIL	43-037-15986	7W14	41S	24E	7	INJW	Y
✓MEPNA (MOBIL	43-037-15987	7W23	41S	24E	7	INJW	Y
✓MEPNA (MOBIL	43-037-16395	7W43	41S	24E	7	INJW	Y
✓MEPNA (MOBIL	43-037-16396	8W43	41S	24E	8	INJI	Y
✓MEPNA (MOBIL	43-037-15992	8W14	41S	24E	8	INJW	Y
✓MEPNA (MOBIL	43-037-16398	9W23	41S	24E	9	INJW	Y
✓MEPNA (MOBIL	43-037-16400	9W43	41S	24E	9	INJI	Y
✓MEPNA (MOBIL	43-037-16397	9W21	41S	24E	9	INJW	Y
✓MEPNA (MOBIL	43-037-16402	10W23	41S	24E	10	INJW	Y
✓MEPNA (MOBIL	43-037-16401	10W21	41S	24E	10	INJI	Y
✓MEPNA (MOBIL	43-037-16403	10W43	41S	24E	10	INJW	Y
✓MEPNA (MOBIL	43-037-16413	15W43	41S	24E	15	INJI	Y
✓MEPNA (MOBIL	43-037-16411	15W21	41S	24E	15	INJW	Y
✓MEPNA (MOBIL	43-037-16412	15W23	41S	24E	15	INJI	Y
✓MEPNA (MOBIL	43-037-16415	16W43	41S	24E	16	INJW	Y
✓MEPNA (MOBIL	43-037-15720	16W12	41S	24E	16	INJW	Y
✓MEPNA (MOBIL	43-037-15721	16W14	41S	24E	16	INJW	Y

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

June 27, 2001

ExxonMobil
Production

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

Change of Name – Mobil Oil Corporation to
ExxonMobil Oil Corporation

Dear Mr. Thompson

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

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

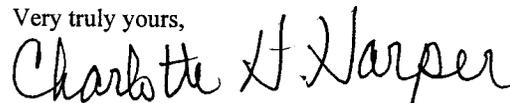
Please note the change of name of MOC to ExxonMobil Oil Corporation in your records pertaining to any MOC permits.

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

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

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

Very truly yours,



Charlotte H. Harper
Permitting Supervisor

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

RECEIVED

JUN 29 2001

DIVISION OF
OIL, GAS AND MINING



United States Department of the Interior

BUREAU OF INDIAN AFFAIRS
XXXXXXXXXXXXXXXXXXXX
Navajo Area Office
NAVAJO REGION

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

AUG 30 2001

IN REPLY REFER TO:

RRES/543

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

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

Dear Ms. Harper:

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

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

Sincerely,

GENNI DENETSONE

Regional Realty Officer

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

MINERAL RESOURCES	
ADM 1	<i>DM</i>
NATV AM MIN COORD	
SOLID MIN TEAM	
PETRO MIN TEAM	<i>2</i>
O & G INSPECT TEAM	
ALL TEAM LEADERS	
LAND RESOURCES	
ENVIRONMENT	
FILES	

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

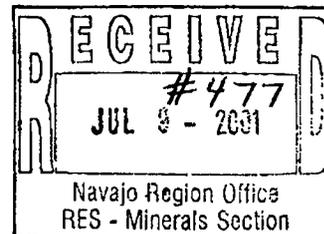
File
543
GN
7/12/2001

June 27, 2001

ExxonMobil
Production

Certified Mail
Return Receipt Requested

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



Change of Name -
Mobil Oil Corporation to
ExxonMobil Oil Corporation

Dear Ms. Denetsone:

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

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

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

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

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

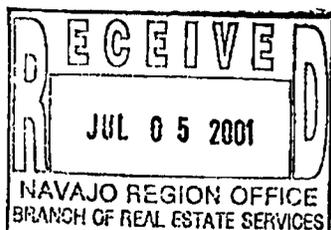
If you have any questions , please contact Alex Correa at (713) 431-1012.

Very truly yours,

Charlotte H. Harper

Charlotte H. Harper
Permitting Supervisor

Attachments



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

NOTE: Check forwarded to Ella Isaac

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

Gentlemen:

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

OFFICERS

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

DIRECTORS

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

Sincerely,

Alex Correa

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



Signature

AGENT AND ATTORNEY IN FACT

Title

CERTIFICATION

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

CHANGE OF COMPANY NAME

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

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

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

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

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

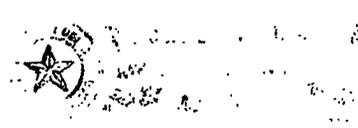
WITNESS, my hand and the seal of the Corporation at Irving, Texas, this 8th day of June, 2001.

S. A. Milligan
Assistant Secretary

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

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

Janice M. Phillips
Notary Public



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

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

6/1/01

CHUBB GROUP OF INSURANCE COMPANIES

500 West Loop South, Suite 1900, Houston, Texas 77027-3301
Telephone: (713) 227-4600 • Facsimile: (713) 297-4750

NW Bond

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

BOND NO 8027 31 97

wherein

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

FEDERAL INSURANCE COMPANY AS SURETY,

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

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

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

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

TO : **ExxonMobil Oil Corporation**

All other terms and conditions of this Bond are unchanged.

Signed, sealed and dated this 12th of June, 2001.

ExxonMobil Oil Corporation

By: 

FEDERAL INSURANCE COMPANY

By: 
Mary Pierson, Attorney-in-fact



**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**, 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 that he has thereto subscribed by authority of said **Robertson** in the presence of **Kenneth C. Wendel**.



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

Karen Price
Notary Public

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

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

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

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

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



Kenneth C. Wendel
Kenneth C. Wendel, Assistant Secretary

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

CSC

5184334741

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

CSC

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

F010601000187

CERTIFICATE OF AMENDMENT
OF
CERTIFICATE OF INCORPORATION
OF
MOBIL OIL CORPORATION

CSC 45

(Under Section 805 of the Business Corporation Law)

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

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

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

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

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

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

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

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

CSC
CSC

5184334741

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

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

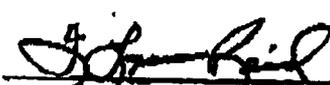
IN WITNESS WHEREOF, this Certificate has been signed this 22nd Day of May, 2001.



F. A. Risch, President 

STATE OF TEXAS)
COUNTY OF DALLAS)

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



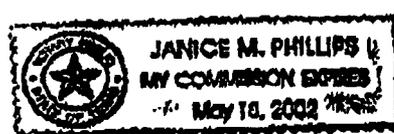
F. L. REID, Secretary

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

[SEAL]



NOTARY PUBLIC, STATE OF TEXAS



CSC
CSC

5184334741

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

CSC 45

CERTIFICATE OF AMENDMENT

OF

MOBIL OIL CORPORATION

Under Section 805 of the Business Corporation Law

SAC

**STATE OF NEW YORK
DEPARTMENT OF STATE**

100 cc

Filed by: EXXONMOBIL CORPORATION

(Name)

FILED JUN 01 2001

TAX \$

6959 Las Colinas Blvd.

(Mailing address)

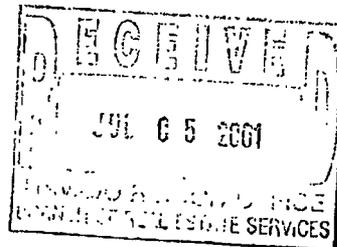
BY: *SAC*

ny Albany

Irving, TX 75039-2298

(City, State and Zip code)

Case Reg # 165578 MPJ



010601000195

State of New York }
Department of State } ss:

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

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



Special Deputy Secretary of State

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

7. **Federal and Indian Units:**

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

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

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

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

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

NOTE: EPA ISSUES UIC PERMITS

DATA ENTRY:

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

STATE WELL(S) BOND VERIFICATION:

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

FEDERAL WELL(S) BOND VERIFICATION:

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

INDIAN WELL(S) BOND VERIFICATION:

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

FEE WELL(S) BOND VERIFICATION:

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

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

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

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

DATA ENTRY:

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

BOND VERIFICATION:

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

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

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

EFFECTIVE DATE OF TRANSFER: 6/1/2006

CURRENT OPERATOR

Company: Exxon Mobil Oil Corporation Name: _____

Address: PO Box 4358 Signature: _____

city Houston state TX zip 77210-4358 Title: _____

Phone: (281) 654-1936 Date: _____

Comments: Exxon Mobil has submitted a separate, signed copy of UIC Form 5

NEW OPERATOR

Company: Resolute Natural Resources Company Name: Dwight E Mallory

Address: 1675 Broadway, Suite 1950 Signature: [Signature]

city Denver state CO zip 80202 Title: Regulatory Coordinator

Phone: (303) 534-4600 Date: 4/26/2006

Comments: A list of affected UIC wells is attached.
New bond numbers for these wells are:
BIA Bond # PA002769 and US EPA Bond # B001252

(This space for State use only)

Transfer approved by: [Signature]

Title: Field Operations Manager

Approval Date: 6/12/06

Comments:

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

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: See attached list
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo Tribe
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Unit Agreement</u>		7. UNIT or CA AGREEMENT NAME: McElmo Creek Unit
2. NAME OF OPERATOR: Resolute Natural Resources Company <i>N2700</i>		8. WELL NAME and NUMBER: See attached list
3. ADDRESS OF OPERATOR: 1675 Broadway, Suite 1950 CITY Denver STATE CO ZIP 80202		9. API NUMBER: Attached
PHONE NUMBER: (303) 534-4600		10. FIELD AND POOL, OR WILDCAT: Greater Aneth
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached list		COUNTY: San Juan
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		STATE: UTAH

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

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

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

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

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

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

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

(This space for State use only)

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

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

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

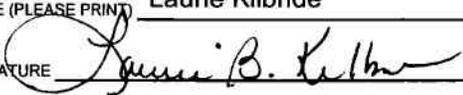
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

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

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

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

(This space for State use only)

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

RECEIVED
APR 21 2006

DIV. OF OIL, GAS & MINING

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

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

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

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

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

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-603-263
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO 7. UNIT or CA AGREEMENT NAME: MCELMO CREEK
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: NAVAJO 114-27 (MCELMO J-21)
2. NAME OF OPERATOR: RESOLUTE NATURAL RESOURCES	9. API NUMBER: 43037154990000
3. ADDRESS OF OPERATOR: 1675 Boradway Ste 1950 , Denver, CO, 80202	PHONE NUMBER: 303 534-4600 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0400 FNL 0575 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 18 Township: 41.0S Range: 25.0E Meridian: S	9. FIELD and POOL or WILDCAT: GREATER ANETH COUNTY: SAN JUAN STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/4/2013 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input checked="" type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

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

Resolute proposes to start UIC repairs on the subject well to enhance production in the immediate area. The proposed procedure and a current wellbore schematic are attached. Work is expected to commence on 11-4-13.

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

Date: October 30, 2013

By: *Derek Quist*

NAME (PLEASE PRINT) Sherry Glass	PHONE NUMBER 303 573-4886	TITLE Sr Regulatory Technician
SIGNATURE N/A	DATE 10/28/2013	

RESOLUTE

NATURAL RESOURCES

McElmo Creek Unit J-21 Injector
400' FNL, 575' FWL
NWNW section 18-T41S-R25E
43-037-15499

UIC repair

Job Scope

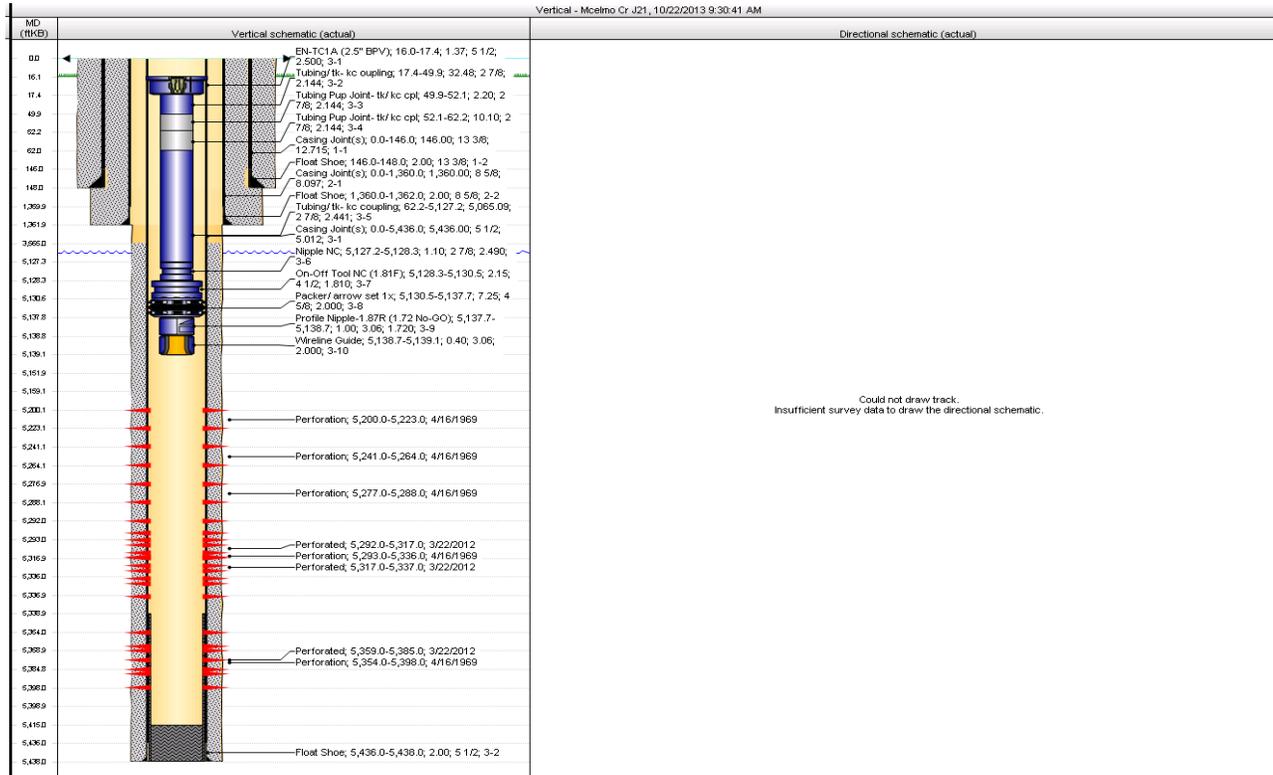
Job Scope: Pressure test to attempt to identify the leak location. If leak is found, pull tubing and replace affected joints. If deemed necessary, pull packer, clean out to PBSD. Replace 2-7/8" tubing & packer as necessary.

Procedure

NOTE: Prior to moving a rig on location, set a wireline plug below the packer and pressure test the tbg & csg annulus - attempt to identify the leak source. If necessary, run an acoustic log to help identify possible tubing

1. MIRU WSU, LOTO, backflow the well to reduce pressure. Establish KWF.
2. Kill well as necessary.
3. ND WH, NU BOPE.
4. PT BOP against landing donut.
5. J-off packer, circulate KWF.
6. POOH, LD 2-7/8" TK Fiberline tbg. On-off tool at ~5130' KB. Inspect for coupling and other leaks on the trip out.
7. If necessary, pending WL work outcome, PU workstring tubing and TIH to recover the Arrowset 1-X packer. POOH. TIH with bit and scraper. Tag bottom. Clean out as necessary. POOH.
8. RIH w/replacement Arrowset 1-X packer w plug in place, depending on step 7. Set pkr at ~5130' KB.
 - 8a. Packer detail from bottom. WL entry nipple, 1.78" ID R profile nipple, Packer, T-2 On/off connector w 1.81" ID F profile.
9. Jay off packer & circ packer fluid up backside.
10. Perform mock MIT on csg annulus to 1000 psi for 30 min.
11. POOH & LD workstring.
12. PU 2-7/8" TK Fiberlined tubing w/KC couplings and on/off tool.
 - 12a. Include a 1.87" ID F profile nipple just above the On/Off connector skirt.

Vertical - Mcelmo Cr J21, 10/22/2013 9:30:41 AM



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4. LOCATION OF WELL FOOTAGES AT SURFACE: 0400 FNL 0575 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 18 Township: 41.0S Range: 25.0E Meridian: S	9. FIELD and POOL or WILDCAT: GREATER ANETH COUNTY: SAN JUAN STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 1/15/2014 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="water shut off"/>

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

Resolute has run cement bond logs on the subject well on 1-14-14 and found free pipe (5-1/2") down to approximately 1630'. Resolute proposes a remedial cementing job to shut off the fresh water entry to the 8-5/8" casing. The proposed procedure and well bore schematic are attached. Work in on-going.

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

Date: January 16, 2014

By: *Derek Quist*

NAME (PLEASE PRINT) Sherry Glass	PHONE NUMBER 303 573-4886	TITLE Sr Regulatory Technician
SIGNATURE N/A	DATE 1/16/2014	

RESOLUTE

NATURAL RESOURCES

McElmo Creek Unit J-21 Injector

400' FNL, 575' FWL

NWNW section 18-T41S-R25E

43-037-15499

1. The 2-7/8 injection tubing has been pulled; Injection packer w/1.78 plug in place to remain in the well at 5130.5' KB.
2. RIH & set 5-1/2" RBP @ ~1715' & place sand on top.
3. RU Electric Line & perforate 5-1/2" csg @ 4 spf (8 holes) at 1625-26'.
4. Pump in and confirm circulation back to surface via braden head/8-5/8 csg.
5. Set 5-1/2" CICR at ~1575'.
6. Sting into CICR, pump up tbg x 5-1/2 backside to 1000 psi, and pump cement until returns back to surface. After cement returns arrive at surface, shut in 8-5/5 returns & squeeze to 800 psi final pressure.
7. Sting out of CICR & leave ½ bbl of cement on CICR.
8. Reverse out, POOH. Wait on cement.
9. Drill out cement & CICR; run magnet as needed to clean up metal debris. Pressure test csg & cement to 1000 psi.

NOTE: If the pressure test fails, a 5-1/2" X-Span patch will be set over the squeeze perforations after the injection packer is set and before the injection tubing is run in the well.
10. Check the surface casing for cement subsidence & top off back to surface with cement if necessary.
11. Circulate out sand & retrieve RBP at ~1715'.

Continue UIC repair as follows:

12. Retrieve 1.78 plug, then pull 5-1/2" injection packer set at ~5130.5' KB.
13. Make cleanout trip to PBD at 5415' KB.
14. RU E-line and re-log CBL from 2500' to surface to assess the cement remediation.
15. POOH & LD workstring.
16. RIH w/new Arrowset 1-X injection packer w/1.81 plug in place to ~5111' KB.
17. RIH 2-7/8 injection tubing string, circulate packer fluid back to surface, jay onto packer, space out & land tubing.
18. Perform mock MIT after landing tubing.
19. ND BOP's & NU wellhead.
20. RU Wireline & retrieve 1.81 plug from packer.
21. Schedule witnessed MIT with NNEPA.
22. RDMO well service unit.

McELMO CREEK UNIT #J-21

GREATER ANETH FIELD

400' FNL & 600' FWL

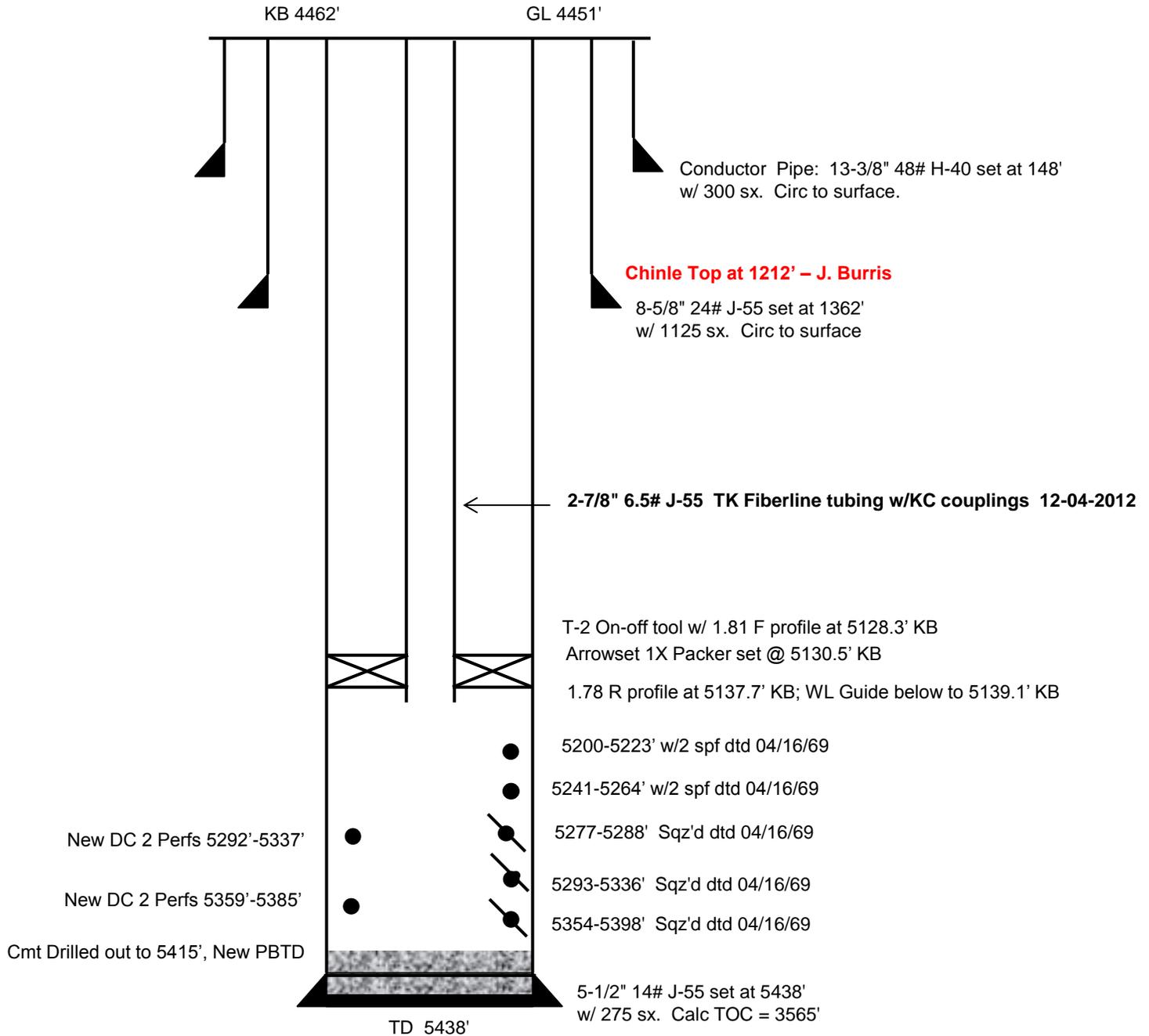
SEC 18-T41S-R25E

SAN JUAN COUNTY, UTAH

API 43-037-15499

PRISM 0000266

INJECTOR



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-603-263
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO 7. UNIT or CA AGREEMENT NAME: MCELMO CREEK
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: NAVAJO 114-27 (MCELMO J-21)
2. NAME OF OPERATOR: RESOLUTE NATURAL RESOURCES	9. API NUMBER: 43037154990000
3. ADDRESS OF OPERATOR: 1675 Boradway Ste 1950 , Denver, CO, 80202	PHONE NUMBER: 303 534-4600 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0400 FNL 0575 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 18 Township: 41.0S Range: 25.0E Meridian: S	9. FIELD and POOL or WILDCAT: GREATER ANETH COUNTY: SAN JUAN STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/10/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input checked="" type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Resolute completed the proposed repairs to the subject well on 2-10-14; after conducting an MIT witnessed by the NNEPA representative, the well was put back to injection. The summary of operations and a well bore schematic is attached.

Accepted by the Utah Division of Oil, Gas and Mining

Date: February 12, 2014

By:

NAME (PLEASE PRINT) Sherry Glass	PHONE NUMBER 303 573-4886	TITLE Sr Regulatory Technician
SIGNATURE N/A	DATE 2/11/2014	



Daily Activity Summary

Well Name: Mcelmo Cr J21

API Number 4303715499	Section 18	Township 41S	Range 25E	Field Name McElmo Creek	County San Juan	State/Province Utah
Ground Elevation (ft) 4,446.00	Original KB Elevation (ft) 4,462.00	KB-Ground Distance (ft) 16.00	Regulatory Spud Date 4/7/1969 00:00	Rig Release Date/Time 4/20/1969 00:00	First Production Date 4/23/1969	

Job Category Workover	Primary Job Type W/O Injection Well
Start Date 1/27/2014	End Date 2/8/2014

Objective
The Capital Job Scope includes installation and cementing to surface of a 4" 10.46# J-55 FL4S liner from ~5100', cleanout of the liner shoe back to PBD at 5415', acid stimulation, and installation of a new 4" injection packer and new 2-3/8" injection tubing.

Contractor Key	Rig Number 670	Rig on Report Date 1/27/2014	Rig off report date 2/8/2014
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Report Number	Start Date	End Date	Summary
1	1/27/2014	1/27/2014	TIH with TK/KC tbg from derrick, LD tbg, swp out tbg trailers. PU and TIH with workstring, tag up pkr, LD one jt. SWI, PU tools, SDFD.
2	1/28/2014	1/28/2014	Made up subs, circulated 11.8# mud, spot in & RU WL, pulled 1.78 plug, RDMO WL, toh & LD pkr, tih with bit & scraper top of perfs, toh w/ 80 jts, SIW, SDFD.
3	1/29/2014	1/29/2014	Filled out jsa, tailgate meeting, toh with tbg, spot in Blue Jet, ran CIL from 5200' to 4920', set composite plug, spot cmt on top of plug, RDWL, tih with pkr & tbg, set pkr & test plug, bled off psi, poh & ld tbg, set AS1X Service Pkr @ 330', ld all tbg, moved out tbg trailer, SIW, p/u tools, SDFD.,
4	1/30/2014	1/30/2014	Filled out jsa, tailgate meeting, ND bop's, RDWSU, move forward, dug out wellhead, changed out well head, backfill around wellhead, spot in rig, RUWSU, secured well, SDFD.
5	1/31/2014	1/31/2014	Filled out jsa, tailgate meeting, NU bop/hydril, p/u tbg, latched onto & released pkr, poh & LD tbg & pkr, changed out pipe rams to 4", spot in & RU csg crew, spot in trailer w/ 4" liner & unload onto racks, tih w/ float shoe, float collar, 124 jts & a 10' sub, pulled 2' off bottom, SWI, RDMO csg crew, p/u tools, SDFD.
6	2/1/2014	2/1/2014	Filled out jsa, tailgate meeting. Open up well, RU hard lines, spot in and RU cement trucks and vac trucks with FW. Pumped cement, washed up and RDMO trucks. ND BOP's, set 4" csg slips, SDFD.
7	2/3/2014	2/3/2014	Filled out jsa, tailgate meeting, no psi on well. NU BOP's, TIH with mill, 164 jts. Test BOP's, RU swivel. Drilled out collar and shoe, circ hole clean, test csg. RD swivel w/ jt 164, circ 11.8# mud. SWI, drain pump and lines, secured tbg on trailer, PU tools, SDFD.
8	2/4/2014	2/4/2014	Filled out jsa, tailgate meeting. No psi on well. RU swivel w/ jt 164, tag up and drilled out composite plug. PU jts 165, 166, & 167. Push plug down to 5286', tbg and mill kept getting stuck, finally got it free, RD swivel. TIH with 3 blade bit, 165 jts. SWI, SDFD.
9	2/5/2014	2/5/2014	Filled ou jsa, tailgate meeting. RU swivel with jt 166, worked plug down to bottom, circ well clean. TOH w/ tbg, LD bent jnt and bit. TBIH w/ tailpipe, treating pkr, tbg from derrick. Test pkr, SIW, PU tools, SDFD.
10	2/6/2014	2/6/2014	Filled out jsa, tailgate meeting, spot in & RU Baker trucks, vac truck & shower trailer, safety meeting w/ all contractors, pump 2000 gals of 20% HCL acid, flush w/ 40 bbls of f/w, SIW, RDMO Baker, killed tbg, released treating pkr, toh w/ tbg, ld treating pkr, tbih w/ new 4" Arrowset1x prod pkr 162 jts w/ 6' sub, set pkr @ 5150', p/u tools, SDFD.
11	2/7/2014	2/7/2014	Filled out jsa, tailgate meeting, circ pkr fluid, poh & ld workstring, swap out tbg trailer, p/u & tih w/ new 2 3/8" tbg, SIW, p/u tools, SDFN.
12	2/8/2014	2/8/2014	Filled out jsa, tailgate meeting. Ppen up well, made up subs. PU landing jnt with EN tbg hanger. Land tbg, test tbg - all good. MOCK MIT - test csg to 1180#, test good. Bled off well psi. RD floor and tongs, NU wellhead tree, RDWSU, MOL. Spot in WL truck, pulled 1.50F plug.
13	2/10/2014	2/10/2014	Moved in Wellcheck on location, filled out jsa, tailgate meeting on high pressure lines, trip hazards. Tbg 550# psi, csg 0# psi. RU lines and test csg to 1020# psi, chart record for 30 mins. Passed MIT, witnessed by NNEPA Rep. Jean Bia. Bled off psi, RDMO Wellcheck.

Well Name Mcelmo Cr J21	API Number 4303715499	Qtr/Qtr NW NW	Section 18	TWN 41S	Range 25E	Regulatory Spud Date 4/7/1969	Field Name McElmo Creek	State/Province Utah
Original KB Elevation (ft)	4,462.00	KB-Ground Distance (ft)	16.00	Total Depth (ftKB)	5,438.0	PBTD (All) (ftKB)		

Vertical - Mcelmo Cr J21, 2/11/2014 2:23:59 PM

MD (ftKB)	TV D (ftKB)	Incl (°)	DLS Curve	Vertical schematic (actual)	Formations - Drilling	BH Core	SW Core	Eval - Samples	Eval - Litho	Mud	Drill Params 1	Drill Params2
			DLS...							Dens (lb...)	Int R...	Bit RPM (rpm)
												Q Flow (gpm)
												WOB (1000lbf)
0.0												
16.1												
17.4												
49.5												
56.8												
146.0												
148.0												
1,359.9												
1,361.9												
3,565.0												
5,149.0												
5,149.9												
5,151.2												
5,151.9												
5,156.8												
5,157.8												
5,158.1												
5,159.1												
5,171.6												
5,173.6												
5,174.9												
5,200.1												
5,223.1												
5,241.1												
5,264.1												
5,276.9												
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5,409.1												
5,415.0												
5,436.0												
5,438.0												