FILE NOTATIONS

Entered in N I D File	✓	Checked by Chief	PB
Entered On S R Sheet		Copy N I D to Field Office	✓
Location Map Pinned	✓	Approval Letter	✓
Card Indexed	✓	Disapproval Letter	
I W R for State or Fee Land			

COMPLETION DATA:

Date Well Completed	12-10-61	Location Inspected	
OW ✓ WW	TA	Bond released	
GW OS	PA	State of Fee Land	

LOGS FILED

Driller's Log 3-16-62

Electric Logs (No.) 2

E | I | E-I ✓ | GR | GR-N ✓ | Micro

Lat | Mi-L | Sonic | Others

Form 9-331 b
(April 1952)

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

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Window Rock

Allottee Tribal

Lease No. 14-20-0603-6508

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	X	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)

September 5, 1961

Well No. Navajo-A 2 is located 1820 ft. from {N/S} line and 820 ft. from {E/W} line of sec. 2

SE/NW/SW (¼ Sec. and Sec. No.) 41S (Twp.) 24E (Range) S.L.M. (Meridian)

Aneth (Field) San Juan (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 4433.3 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)

Operator proposes to rotary drill a 17½ hole to approximately 100', set 13 3/8" surface pipe, cementing with approximately 125 sacks of cement; drill an 11" hole to approximately 1400', and set 8 5/8", 24# at 1400' cementing with approximately 850 sacks of cement; allow 24 hours for cement to set and test for water shut-off; re-commence drilling a 7 7/8" hole to approximately 5700' or through all the possible Desert Creek producing zones and if commercial production is indicated by log analysis, set 5½", J-55, 15.5# casing at total depth cementing with approximately 125 sacks of cement and attempt completion.

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

Company Wilshire Oil Company of Texas
c/o Britalta Petroleums Limited
Address 970 Elveden House
Calgary, Alberta, Canada

By Don H. Ford by [illegible]
Don H. Ford
Title Agent

COMPANY WILSHIRE OIL COMPANY OF TEXAS

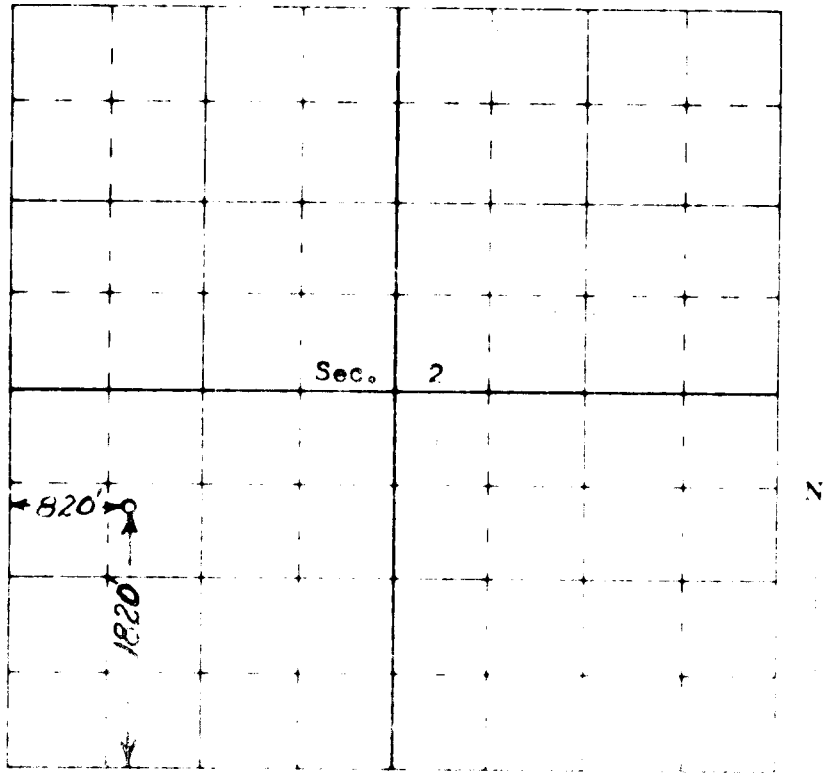
Well Name & No. Lease No.

Location 1820' FROM THE SOUTH LINE & 820' FROM THE WEST LINE

Being in SE NW SW

Sec. 2, T 41 S, R 24 E, S.L.M., San Juan County, Utah

Ground Elevation 4433.3' ungraded ground



Scale 4 inches equals 1 mile

Surveyed 19 July 19 61

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

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

September 12, 1961

Wilshire Oil Company of Texas
c/o Britalta Petroleums Limited
970 Elveden House
Calgary, Alberta, Canada

Attn: Mr. Don H. Ford, Agent

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. 2 Navajo A, which is to be located 1820 feet from the south line and 820 feet from the west line of Section 2, Township 41 South, Range 24 East, SLBM, San Juan County, Utah.

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

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

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT,
EXECUTIVE SECRETARY

CBF:awg
cc: P. T. McGrath, Dist. Eng.
U. S. Geological Survey

H. L. Coonts - OGCC, Moab

Mr. Don H. Ford, Agent

Form OGCC 4

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County San Juan Field or Lease McElmo Creek

The following is a correct report of operations and production (including drilling and producing wells) for October, 1961

Agent's address 300 Fillmore Street
Denver 6, Colorado
Phone 355-1621

Company Wilshire Oil Company of Texas
Signed Harry W. Kugler
Harry W. Kugler
Agent's title Geological Engineer

State Lease No. -- Federal Lease No. -- Indian Lease No. 14-20-0603-6508 Fee & Pat. ☐

Sec. & ¼ of ¼	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
NW/4 SW/4 Sec. 2	41S	24E	2-A	Drilling	-	-	-	Spudded November 12, 1961

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

*STATUS: F-Flowing P-Pumping GL-Gas Lift SI-Shut In D-Dead GI-Gas Injection TA-Temp. Aban. WI-Water Injection

Form OGCC 4

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County San Juan Field or Lease McElmo Creek

The following is a correct report of operations and production (including drilling and producing wells) for November, 1961

Agent's address 300 Fillmore
Denver 6, Colorado

Company Wilshire Oil Company of Texas

Signed Harry W. Kugle

Phone 355-1621

Agent's title Geological Engineer

State Lease No. ..... Federal Lease No. ..... Indian Lease No. 14-20-0603-6508 Fee & Pat. ☐

Sec. & ¼ of ¼	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
NW SW Sec 2	41S	24E	2-A	Drilling				Spudded November 12, 1961 Set 13 3/8 @ 105' with 100 sax Set 8 5/8 @ 1405' with 700 sax Drilling @ 4786. Top Hermosa 4347

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

*STATUS: F-Flowing P-Pumping GL-Gas Lift SI-Shut In D-Dead GI-Gas Injection TA-Temp. Aban. WI-Water Injection

WILSHIRE OIL COMPANY OF TEXAS
300 FILLMORE STREET
DENVER 6, COLORADO

December 21, 1961

Utah Oil and Gas Conservation Commission
310 Newhouse Building
Salt Lake City 14, Utah

Gentlemen:

Re: Wilshire Oil Company of Texas
Navajo A-2 Well
McElmo Creek Field
Sec. 2-41S-24E, NW SW
San Juan County, Utah

Enclosed please find one copy each of Induction-Electrical Log and Gamma Ray-Neutron Log for the subject well.

Very truly yours,

WILSHIRE OIL COMPANY OF TEXAS

H. W. Kugler
H. W. Kugler
Geological Engineer

jd
Encls.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allotted
Tribe Navajo
Lease No. 14-20-063-6508

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* San Juan *Field* McElmo Creek

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

Agent's address 300 Fillmore Street
Denver 6, Colorado

Company Wilshire Oil Company of Texa

Signed [illegible]

Phone 355-1621

Agent's title Production Superintendent

Sec. and ¼ of ¼	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)
SE SW 2	41S	24E	1-A	31	8875	43	8,253	None	None	
NW SW 2	41S	24E	2-A	22						

Note.—There were 8890 runs or sales of oil; 7,595.2 M. cu. ft. of gas sold;
No runs or sales of gasoline during the month. (Write "no" where applicable.)

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

Form 9-329A
(December 1948)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.4.

Lease No. U-30 0107-5508

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* San Juan *Field* Mexican Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of February, 1962,

Agent's address 300 Fillmore Street, Denver 6, Colorado *Company* Kerr-McGee Oil Company of Texas

Signed Kenneth A. Hunter

Phone 355-1621 *Agent's title* Production Superintendent

Sec. and ¼ of ¼	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)
SE SW 2	41S	24E	1-A	28						Flowing
NW SW 2	41S	24E	2-A	28						Pumping
					8508	43	7010.6	None	380	

Note.—There were 8488 runs or sales of oil; 6000 M. cu. ft. of gas sold;
No runs or sales of gasoline during the month. (Write "no" where applicable.)

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

Form 9-329 A
(December 1955)

16—26531-6 U. S. GOVERNMENT PRINTING OFFICE

Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE _____

SERIAL NUMBER _____

LEASE OR PERMIT TO PROSPECT 14-20-0603-6508

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Wilshire Oil Co. of Texas Address 300 Filmore St., Denver, Colo

Lessor or Tract Tribal Field Aneth State Utah

Navajo
Well No. 2-A Sec. 2 T41S R24E Meridian SLM County San Juan

Location 1820 ft. {N./S.} of S Line and 820 ft. {E./W.} of W Line of Sec. 2 Elevation 4441
(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 Don Ford
Don H. Ford

Date March 14, 1962 Title Agent

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

Commenced drilling Nov. 10, 1961 Finished drilling _____, 19____

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 5328 to 5334 No. 4, from _____ to _____

No. 2, from 5357 to 5365 No. 5, from _____ to _____

No. 3, from 5410 to 5420 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____

No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
13-3/8				105					
8-5/8				1405					
5-1/2				5443					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	105	100			
8-5/8	1405	700			
5-1/2	5443	250			

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

FOLD | MARK

Adapters—Material ..... Size .....

SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from 0 feet to 5444 feet, and from ..... feet to ..... feet

Cable tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet

DATES

....., 19..... Put to producing December 10, 19 61

The production for the first 24 hours was ~~223~~ 201 barrels of fluid of which 90 % was oil; ..... % emulsion; 10 22 % water; and ..... % sediment. Gravity, °Bé. 44° API

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

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

EMPLOYEES

....., Driller ....., Driller

....., Driller ....., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
4347	5156		Hermosa
5156	5308		Ismay
5308	5444		Desert Creek

[OVER]

16—48094-4

FORMATION RECORD—CONTINUED

FORM 9-330

U. S. LAND OFFICE .....

APPROVAL EXPIRES 12-31-60.
LAND BULLETIN NO. 15-R322.4

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

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 bailing.

The well was spudded November 10, 1961 with rotary tools, drilled to 105 feet and set 13-3/8" conductor pipe. Drilled to 1405 feet and set 8-5/8" surface casing to shut off all water zones. Drilled to 5300 feet and cored 5300 to 5322, recovered 22 feet; cored 5322 to 5336 recovered 4.5 feet; cored 5336 to 5371, recovered 37 feet and cored 5371 to 5410, recovered 38 feet. Reamed core hole and drilled to 5444 - logged well and set 5-1/2" to 5443, drilled out to 5440 and perforated 24 shots from 5328 to 5334, 48 shots from 5357 to 5369, 40 shots from 5410 to 5420. Acidized all perforations with 5000 gallons of BDA and completed well on the pump for 190 B O plus 43 B Water, for 24 hours on 12/10/61.

FORM 9-330

Form 9-331 b
(April 1952)

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

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Window Rock

Allottee Tribal

Lease No. 14-20-0603-6508

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

March 14, 1962

Navajo
Well No. 2-A is located 1820 ft. from {N/S} line and 820 ft. from {E/W} line of sec. 2

NW/4 SW/4 (¼ Sec. and Sec. No.) 41S (Twp.) 24E (Range) SLM (Meridian)

Aneth (Field) San Juan (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 4441 ft. D.F.

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)

The well was spudded Nov. 10, 1961 with rotary tools, drilled to 105 ft. and set 13-3/8" conductor pipe. Drilled to 1405 ft. and set 8-5/8" surface casing to shut off all water zones. Drilled to 5300 ft. and cored 5300 to 5322, recovered 22 feet; cored 5322 to 5336, recovered 4.5 feet; cored 5336 5371, recovered 37 feet and cored 5371 to 5410, recovered 32 feet. Reamed core hole and drilled to 5444 - logged well and set 5-1/2" to 5443, drilled out to 5440 and perforated 24 shots from 5328 to 5334, 48 shots from 5357 to 5369, 40 shots from 5410 to 5420. Acidized all perforations with 5000 gallons of BDA and completed well on the pump for 190 BO plus 43 B water, for 24 hours on 12/10/61.

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

Company Wilshire Oil Co. of Texas

Address 300 Filmore St.,
Denver, Colorado

By Don H. Ford
Don H. Ford

Title Agent

WILSHIRE OIL COMPANY OF TEXAS
300 FILLMORE STREET
DENVER 6, COLORADO

March 15, 1962

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

Gentlemen:

Enclosed are Monthly Producers Report and Producers Report of Gas Production covering our Navajo leases in San Juan County, Utah, for the month of February, 1962. Also enclosed please find two copies each of the Lessee's Monthly Reports on the Navajo leases for your files.

Yours very truly,

WILSHIRE OIL COMPANY OF TEXAS

Ken O. Austin

Ken O. Austin
Production Superintendent

KOA:bs
encls

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

2. NAME OF OPERATOR
The Superior Oil Company Wilshire

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
1820' FSL, 820' FWL
NW SW Sec. 2, T41S, R24E
San Juan County, Utah

5. LEASE DESIGNATION AND SERIAL NO.
14-20-0603-6508

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo

7. UNIT AGREEMENT NAME
McElmo Creek

8. FARM OR LEASE NAME

9. WELL NO.
#B-15

10. FIELD AND POOL, OR WILDCAT
McElmo Creek Unit

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 2, T41S, R24E

12. COUNTY OR PARISH: San Juan

13. STATE: Utah

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4442' KB

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other) Convert to injection.			[X]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

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

Propose to convert well to water injection as follows:

Perforate 5384-90', set packer at 5275' on plastic lined 2-7/8" tubing.

Treat well with 10,000 gallons 28% acid. Place well on injection.

APPROVED BY UTAH OIL AND GAS CONSERVATION COMMISSION
DATE: 12/20/65 by Paul F. Burchell

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

SIGNED D. D. Kingman TITLE Production Engineer DATE 12/16/65
D. D. Kingman

(This space for Federal or State office use)

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

DDK/njh

*See Instructions on Reverse Side

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL ☐ GAS WELL ☐ OTHER Water Injection

2. NAME OF OPERATOR
The Superior Oil Co. Wilshire

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
1820' FSL & 820' FWL
NW SW Sec 2, T41S, R24E
San Juan County, Utah

5. LEASE DESIGNATION AND SERIAL NO.
14-20-0603-6508

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo

7. UNIT AGREEMENT NAME
McElmo Creek

8. FARM OR LEASE NAME

9. WELL NO.
B-15

10. FIELD AND POOL, OR WILDCAT
McElmo Creek Unit

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 2, T41S, R24E

12. COUNTY OR PARISH

13. STATE

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4442' KB

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	X	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Convert to Water Injection			☐
(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.)*

Perforated 5384-90'
Treated well w/500 gal 28% acid
Set packer at 5276' on plastic lined 2 7/8" tubing
Placed well on water injection 12-23-65

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

SIGNED D. D. Kingman TITLE Production Engineer DATE 1/11/66

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO.: 14-20-0603-6508

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo

7. UNIT AGREEMENT NAME: McElmo Creek

8. FARM OR LEASE NAME:

9. WELL NO.: B-15

10. FIELD AND POOL, OR WILDCAT: McElmo Creek Unit

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 2, T41S, R24E

12. COUNTY OR PARISH: San Juan

13. STATE: Utah

OIL WELL ☐ GAS WELL ☐ OTHER Water Injection

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: 1820' FSL & 820' FWL
NW SW SEC. 2, T41S, R24E
SAN JUAN COUNTY, UTAH

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 4442' KB

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			
(Other) Squeeze & Perforate			☒				

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

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

Propose to squeeze all existing perfs with 300 sacks cement.

Will reperforate the following intervals:
5312-23'
5328-34'
5357-68'
5384-90'

Will treat these perfs with 10,000 gallons 28% acid.

This well is presently communicated with Zone II behind pipe.

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

SIGNED H. W. Wyman TITLE Production Engineer DATE June 28, 1966

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

DDK/njh

*See Instructions on Reverse Side

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL ☐ GAS WELL ☐ OTHER Water Injection

2. NAME OF OPERATOR: THE SUPERIOR OIL COMPANY

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface
1820'FSL 820'FWL
NW SW Sec. 2, T41S R24E
San Juan County, Utah

5. LEASE DESIGNATION AND SERIAL NO.: 14-20-0603-6508

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo

7. UNIT AGREEMENT NAME: McElmo Creek

8. FARM OR LEASE NAME:

9. WELL NO.: B-15

10. FIELD AND POOL, OR WILDCAT: McElmo Creek Unit

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 2, T41S R24E

12. COUNTY OR PARISH: San Juan

13. STATE: Utah

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 4442' KB

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Squeeze & Reperforate			X
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

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

PBTD 5404'
Squeezed off all perf's with 255 sacks cement
Drilled out to 5404'
Perf'd 5312-23, 5328-34, 5357-68, 5384-90'.
Acidized with 500 gal 28% regular acid
Hooked well on injection 7/12/66

7-19-66 Stimulation
Treated well with 10,000 gal 28% iron acid in two equal stages using a 500 gal salt plug between stages.

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

SIGNED D. D. Kingman TITLE Production Engineer DATE August 9, 1966

(This space for Federal or State office use)

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

MJE/ps

*See Instructions on Reverse Side

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO.: 14-20-603-6508

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo

1. OIL WELL ☐ GAS WELL ☐ OTHER: Water Injection Well

7. UNIT AGREEMENT NAME: McElmo Creek Unit

2. NAME OF OPERATOR: THE SUPERIOR OIL COMPANY

8. FARM OR LEASE NAME:

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

9. WELL NO.: #B-15

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

NW SW Section 2, T41S, R24E
San Juan County, Utah

10. FIELD AND POOL, OR WILDCAT: McElmo Creek

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 2, T41S, R24E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 4442' KB

12. COUNTY OR PARISH: San Juan

13. STATE: Utah

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			☐
(Other) Squeeze & Recomplete	X			(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

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

Propose to squeeze all perfs with 300 sacks cement.

Will drill out cement to 5380' and perforate the following intervals: 5312-23', 5328-34', 5357-68'.

These perforations will be treated with 10,000 gallon 28% acid. A packer will be set at 5180' and the well will be returned to water injection service.

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

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

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

DDK/njh

*See Instructions on Reverse Side

THE SUPERIOR OIL COMPANY

P. O. DRAWER G

CORTEZ, COLORADO, 81321

October 13, 1966

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

TO ALL WORKING INTEREST OWNERS
McELMO CREEK UNIT

Gentlemen:

Attached is the Unit production report for September 1966.

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

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

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

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

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

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

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

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

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

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO.: 14-20-603-6508

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo

1. OIL WELL ☐ GAS WELL ☐ OTHER Injection Well

7. UNIT AGREEMENT NAME: McElmo Creek

2. NAME OF OPERATOR: THE SUPERIOR OIL COMPANY — Wilshire Oil Co of Texas

8. FARM OR LEASE NAME: (Tribal-Navajo 2-A)

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

9. WELL NO.: B-15

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
NW SW SEC. 2, T41S, R24E
SAN JUAN COUNTY, UTAH

10. FIELD AND POOL, OR WILDCAT: McElmo Creek

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 2, T41S, R24E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 4442' KB

12. COUNTY OR PARISH: San Juan

13. STATE: Utah

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Squeeze & Recomplete			X
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

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

Squeezed with 425 sacks cement. Drilled out to 5380'. Perforated 5312-23, 5328-34, 5357-68 with 2 jets per foot. Treated perfs 5312-5368 with 500 gallons 28% acid. Ran tubing to 5262' with packer at 5258'. Treated well with 5000 gal 28% acid. Hooked well up to injection line.

10/26/66 - Injected water at 5040 BPD rate with 250 psi.

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

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

(This space for Federal or State office use)

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

DDK/njh

*See Instructions on Reverse Side

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO.: 14-20-603-6508

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo

1. OIL WELL ☐ GAS WELL ☐ OTHER Injection Well

7. UNIT AGREEMENT NAME: McElmo Creek

2. NAME OF OPERATOR: THE SUPERIOR OIL COMPANY

8. FARM OR LEASE NAME:

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

9. WELL NO.: B-15

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
NW SW SEC. 2, T41S, R24E
SAN JUAN COUNTY, UTAH

10. FIELD AND POOL, OR WILDCAT: McElmo Creek

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 2, T41S, R24E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 4442' KB

12. COUNTY OR PARISH: San Juan

13. STATE: Utah

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Squeeze & Recomplete			X
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

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

Squeezed with 425 sacks cement. Drilled out to 5380'. Perforated 5312-23, 5328-34, 5357-68 with 2 jets per foot. Treated perfs 5312-5368 with 500 gallons 28% acid. Ran tubing to 5262' with packer at 5258'. Treated well with 5000 gal 28% acid. Hooked well up to injection line.

10/26/66 - Injected water at 5040 BPD rate with 250 psi.

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

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

(This space for Federal or State office use)

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

DDK/njh

*See Instructions on Reverse Side

CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW

Operator: Superior Well No. McElmo Creek Unit B15

County: San Juan T 41S R 24E Sec. 2 API# 43-037-16267

New Well ___ Conversion ___ Disposal Well ___ Enhanced Recovery Well X

	YES	NO
UIC Forms Completed	✓	
Plat including Surface Owners, Leaseholders, and wells of available record	✓	
Schematic Diagram	✓	
Fracture Information	✓	
Pressure and Rate Control	✓	
Adequate Geologic Information	✓	
Fluid Source	Desert Creek Group	
Analysis of Injection Fluid	Yes ✓	No ___ TDS 60,000+
Analysis of Water in Formation to be injected into	Yes ✓	No ___ TDS 70,000+
Known USDW in area	Wingate	Depth 1300'
Number of wells in area of review	8 Prod. 7	P&A 0
	Water 0	Inj. 1
Aquifer Exemption	Yes ___	NA ✓
Mechanical Integrity Test	Yes ___	No ✓
	Date ___	Type ___

Comments: _____

Reviewed by: BJ

INITIAL WELL TEST

McELMO CREEK UNIT # B-15

DATE	November 12, 1961
OIL BBL/DAY	271
OIL GRAVITY	43
GAS CU.FT/DAY	187,000
GAS-OIL RATIO CU/FT/BBL	691
WATER BBL/DAY	0
PUMPING/FLOWING	F
CHOKE SIZE	30/64
FLOW TUBING PRESSURE	120

THE SUPERIOR OIL COMPANY - 36.55075%
SEE OTHERS ON BACK

MC ELMO CREEK UNIT #B-15

NW SW Sec. 2, T41S, R24E
1820' FSL & 820' FWL
San Juan County, UTAH

FIELD: MC ELMO CREEK

KB: 4442' DF: 4441' GL: TD: 5444' PBTD: 5380' TLD: TOC: 4452'

SPUDDED: 11-10-61 COMPLETED: 12-10-61

PAY ZONE: Injection Well, Zone 1

PERFS: DC. Zones I 5312'-23', 5328'-34', 5357'-68',

CASING: 13-3/8" OD, 48#, R2, ST&C set @ 105' w/105 SXS cmt.
8-5/8" OD, 24#, J-55, R2, ST&C set @ 1405' w/700 SXS cmt.
5½" OD, 14#, J-55, R2, ST&C set @ 5443' w/250 SXS cmt.

TUBING: 2-7/8" OD, 6.5#, J-55, C.S. Hydril w/Plasticap 600 Liner set @ 5233'

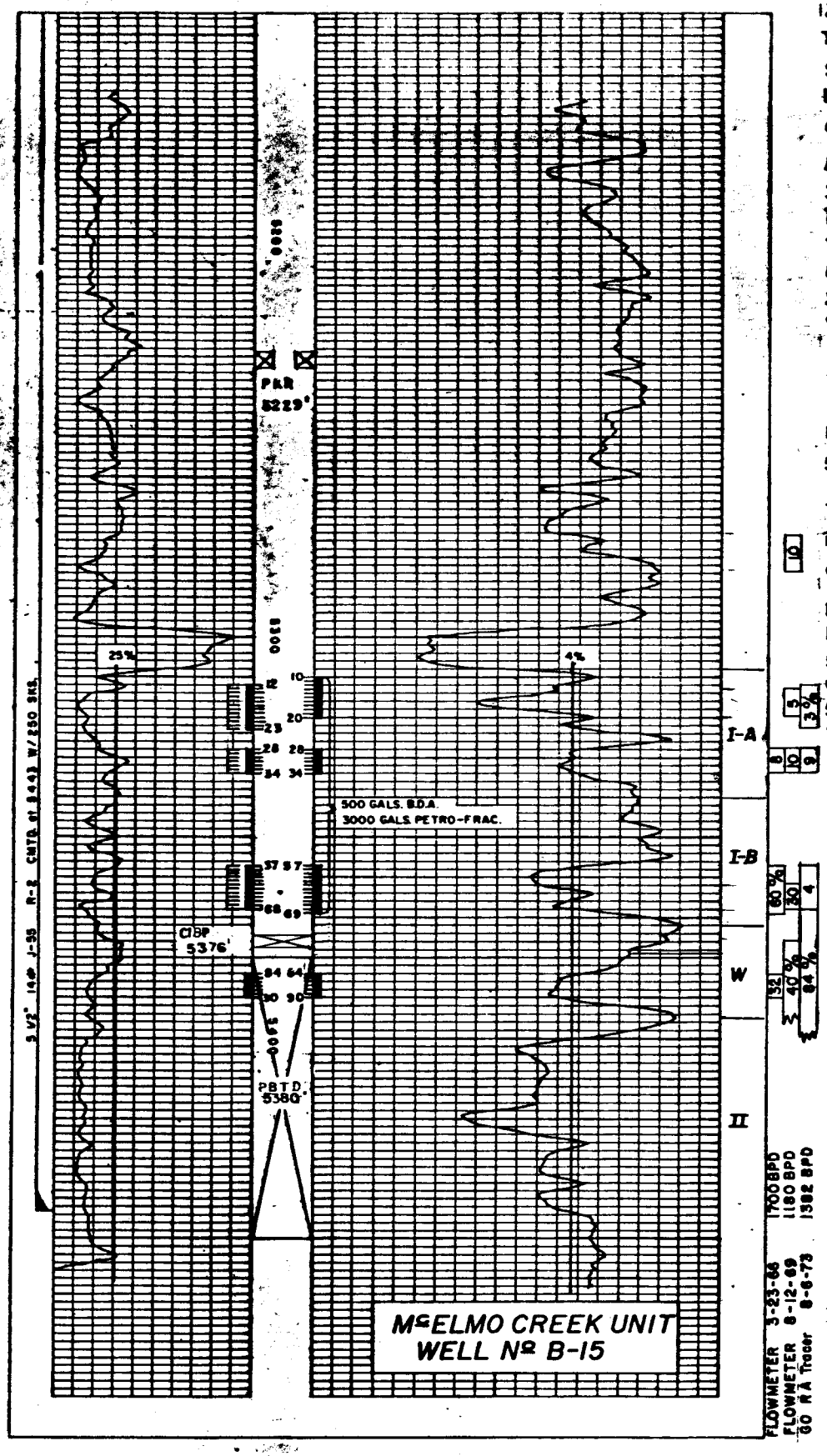
PACKERS: 5½" Baker Lok Set Pkr set @ 5229'

PMPG. EQUIP: NONE

REMARKS: Model "N" C.I. Bridge Plug set @ 5376'

WELL HEAD: 6" Nom. 2000# W.P. National Type "E"

12-8-61	Dowell treated all perfs w/500 gals BDA Formation took acid @ 2800 PSI then went on vac. Treated w/3000 gals. Acid Petrofrac, started on vac. built to 1800 PSI. then to vac. at end.
12-18-65	Dowell treated w/500 gal. 28% acid on perfs 5384'-90'. Max press. 1200 PSI then to vac. immediately.
12-23-65	Converted to water injection well.
7-1-66	Dowell acidized w/500 gals 28% reg. acid
7-19-66	Dowell treated w/10,000 gals. 28% iron acid in 2 equal stages ISIP 500 PSI & on vac. in 10 Min.
10-21-77	Treated w/ 48 bbls. 28% HCl acid. ISIP 200 psi.



12-23-65: Perfed 5384-90'
Treated W/500 Gals 28% Acid.
Set Packer at 5276' on plastic Lined 2 7/8" Tubing.
Converted to Injection well.

A temp survey indicates some flooding action has taken place between 5330-58, but it appears that the water leaving the casing at 5357-69 & 5384-90 is actually flooding the formation below the perforations.(Zone II)

7-12-66: Squeezed off all perf's W/255 sacks cement: Drilled out to 5404'. Perfed 5313-23', 5328-34', 5357-68', 5384-90'. Acidized W/500 gal acid.

7-19-66: Treated W/10,000 gal 28% iron acid in 2 equal stages using a 500 # salt plug between stages.

10-26-66: Squeezed W/425 Sks cement: Drilled out to 5380'. Perfed 5312-23', 5328-34', 5357-68'. Treated all perfs W/500 gals 28% acid. Ran tubing to 5262'. Packer set at 5258'. Treated well with 5000 gals 28% acid.

10-26-77: acidized w/ 48 Bbls 28% HCL

McELMO CREEK UNIT
THE SUPERIOR OIL CO. OPERATOR
NW SW SEC. 2, T41 S, R24 E.
SAN JUAN COUNTY, UTAH.
ELEV. 4442' K.B. T.D. 5444'

Revision 9-5-78

W1

Well No. B-15

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.

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

(5)

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

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

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

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

(5) Cont.

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

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

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

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

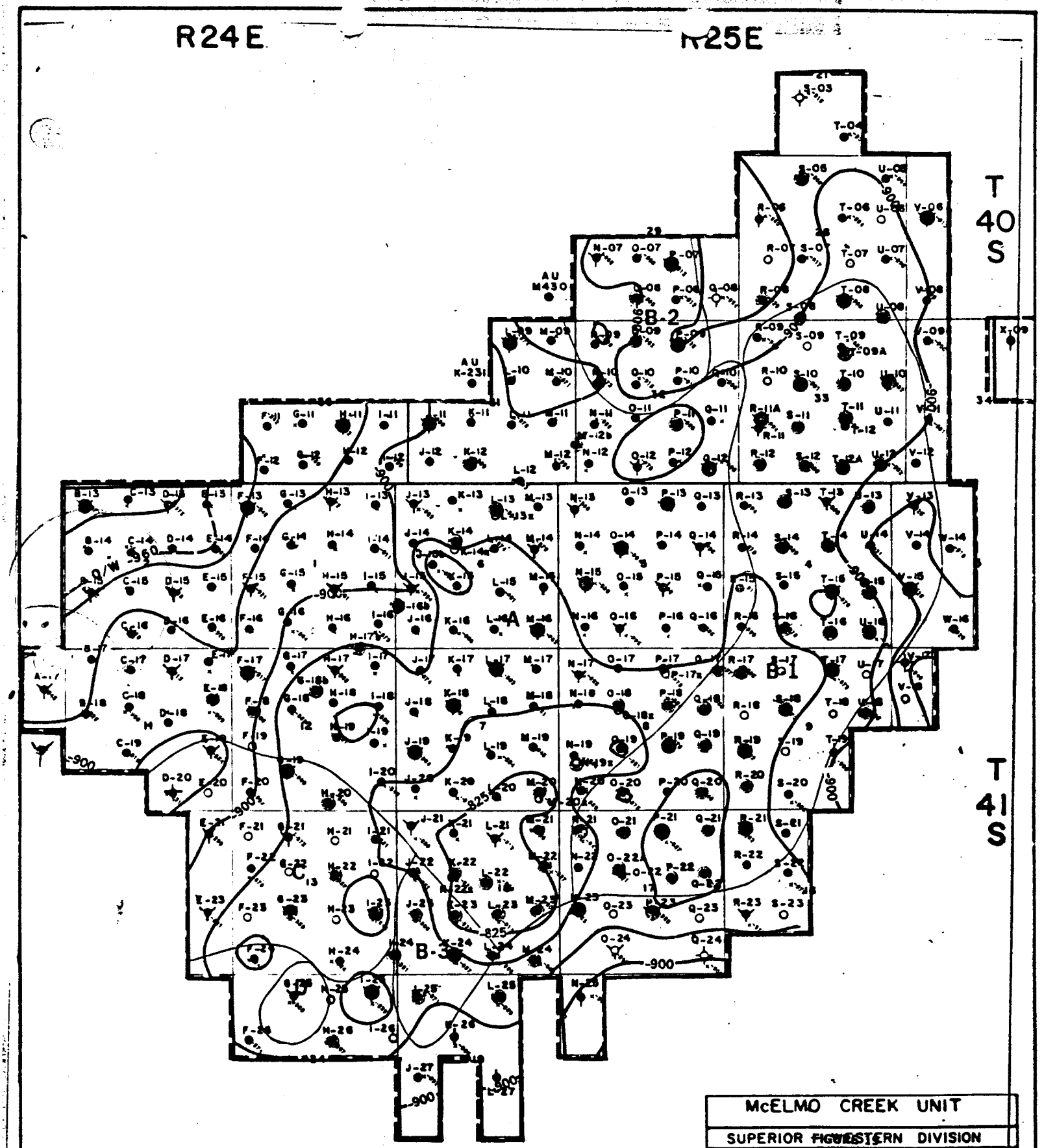
(6) To assure that injection is confined to intervals intended to receive the disposed water, wireline diagnostic surveys are run periodically to determine whether any escapement is taking place. If such information is discovered, the disposal well will be shut-in until proper measure can be taken. Casing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

(7) N/A.

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

(9) N/A.

(10) N/A.



LEGEND

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

O/W CONTACT -960

0 2000' 4000'

N

McELMO CREEK UNIT

SUPERIOR OIL — WESTERN DIVISION

McELMO CREEK UNIT
SAN JUAN COUNTY, UTAH

SUPERIOR OIL — WESTERN DIVISION

LAND MAP

STRUCTURE MAP

TOP OF DESERT CREEK LIMESTONE

ZONE 2

BY:
DATE: 4-14-
CHECKED

SCALE:
C.I.: 25ft.
DRAWN BY:
DRAWING NO.

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions 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.)

5. LEASE DESIGNATION AND SERIAL NO.: 14-20-0603-6508

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO

7. UNIT AGREEMENT NAME: MCELMO CREEK

8. FARM OR LEASE NAME:

9. WELL NO.: B-15

10. FIELD AND POOL, OR WILDCAT: GREATER ANETH

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 2, T41S, R24E

12. COUNTY OR PARISH: SAN JUAN

13. STATE: UTAH

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: 1820' FSL & 820' FWL

14. PERMIT NO.: ~~43-037-16340~~

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 4441' GL

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			
(Other) Build Cathodic Protection System				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

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

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

The construction will consist of a trench, 140' long, 6' deep and 2' wide in the old reserve pit area ofthe 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.

Drilled by Wilshire Oil Co. of Texas
Commenced drilling November 10, 1961

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

SIGNED Clyde F. Benally TITLE Sr. Regulatory Engineer DATE 2/5/86

C. J. Benally

(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

RECEIVED
MAY 16 1986
DIVISION OF
OIL, GAS & MINING

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

Attn: R. J. Firth
Associate Director

SUPERIOR OIL COMPANY MERGER

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

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

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

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

Very truly yours,

R. D. Baker
Environmental Regulatory Manager

CNE/rd
CNE8661

Injection Wells 1/5 Only

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

PROPERTY NAME	WELL NAME	COUNTY	STATE	SEC	TWNSHP	RNG	WELL TYPE	STAT	API NUMBER	FEDERAL LEASE NUMBER	STATE NUMBER	UNIT NUMBER
GOTHIC MESA	9-24	SAN JUAN	UT	SE SW	9-41S	23E	INJ	SI	43-037-16452	14-20-603-242		94-004216
	9-44	SAN JUAN	UT	SE SE	9-41S	23E	INJ	SI	43-037-16451	14-20-603-242		94-004216
	16-24	SAN JUAN	UT	SE SW	16-41S	23E	INJ	SI	43-037-16454	14-20-603-243		94-004216
	16-44	SAN JUAN	UT	SE SE	16-41S	23E	INJ	SI	43-037-16453	14-20-603-243		94-004216
MC ELMO CREEK	A17-1	SAN JUAN	UT	NE NE	10-41S	24E	INJ	OP	43-037-05592	14-20-0603-6148		96-004190
	A17-2	SAN JUAN	UT	NE NE	10-41S	24E	INJ	SI	43-037-05592	14-20-0603-6140		96-004190
	B-13	SAN JUAN	UT	NW NW	2-41S	24E	INJ	OP	43-037-05701	14-20-603-6509		96-004190
	B-15	SAN JUAN	UT	NW SW	02-41S	24E	INJ	OP	43-037-05657	14-20-603-6508		96-004190
	D-13	SAN JUAN	UT	NW NE	2-41S	24E	INJ	OP	43-037-16267	14-20-603-6510		96-004190
	D-15	SAN JUAN	UT	NW SE	2-41S	24E	INJ	OP	43-037-05656	14-20-0603-6147		96-004190
	D-17	SAN JUAN	UT	NW NE	11-41S	24E	INJ	OP	43-037-15704	14-20-603-5447		96-004190
	E-19	SAN JUAN	UT	NE SE	11-41S	24E	INJ	OP	43-037-16342	14-20-603-5449		96-004190
	E-21	SAN JUAN	UT	NE NE	14-41S	24E	INJ	OP	43-037-16343	14-20-603-370		96-004190
	E-23	SAN JUAN	UT	NE SE	14-41S	24E	INJ	OP	43-037-16344	14-20-603-370		96-004190
	F-11	SAN JUAN	UT	NW SW	36-40S	24E	INJ	OP	43-037-05743	14-20-0603-6146		96-004190
	F-13	SAN JUAN	UT	NW NW	01-41S	24E	INJ	OP	43-037-16345	14-20-603-4032		96-004190
	F-15A	SAN JUAN	UT	NW SW	1-41S	24E	INJ	OP	43-037-31149	14-20-603-4032		96-004190
	F-17	SAN JUAN	UT	NW NW	12-41S	24E	INJ	OP	43-037-15493	14-20-603-4039		96-004190
	F15A	SAN JUAN	UT	NW SW	01-41S	24E	INJ	OP	43-037-31149	14-20-603-4032		96-004190
	G-18	SAN JUAN	UT	SE NW	12-41S	24E	INJ	OP	43-037-15494	14-20-603-4039		96-004190
	G-19	SAN JUAN	UT	NE SW	12-41S	24E	INJ	OP	43-037-05532	14-20-603-5450		96-004190
	G-21	SAN JUAN	UT	NE NW	13-41S	24E	INJ	SI	43-037-16347	14-20-603-370		96-004190
	G-21A	SAN JUAN	UT	NE NW	13-41S	24E	INJ	OP	43-037-30974	14-20-603-370		96-004190
	G-23	SAN JUAN	UT	NE SW	13-41S	24E	INJ	OP	43-037-16348	14-20-603-370		96-004190
	G-25	SAN JUAN	UT	NE NW	24-41S	24E	INJ	OP	43-037-16349	14-20-603-370		96-004190
	H-11	SAN JUAN	UT	NW SE	36-40S	24E	INJ	OP	43-037-05739	14-20-0603-6145		96-004190
	H-13	SAN JUAN	UT	NW NE	01-41S	24E	INJ	OP	43-037-05708	14-20-603-4032		96-004190
	H-15	SAN JUAN	UT	NW SE	01-41S	24E	INJ	OP	43-037-05666	14-20-603-4039		96-004190
	H-17	SAN JUAN	UT	NW NE	12-41S	24E	INJ	OP	43-037-05605	14-20-603-4039		96-004190
	I-20	SAN JUAN	UT	SE SE	12-41S	24E	INJ	OP	43-037-05524	14-20-603-4495		96-004190

Converted 12/23/65 ✓

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

OPERATOR: MEPNA

FIELD: Greater Aneth LEASE: McElmo Creek

WELL # B-15 (Navajo B-2) SEC. 2 TOWNSHIP 41S RANGE 24E

STATE FED. FEE DEPTH 5444 TYPE WELL INJ W MAX. INJ. PRESS. 2800
PBTD 5380 Rate 4000 BWPD

TEST DATE 9/10/86 water trace log run 8/26/85

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
SURFACE	13 3/8	105'	105 SX		SI prior to	
INTERMEDIATE	8 5/8	1405	700 SX		inspection due to	
PRODUCTION	5 1/2	5443	250 SX		260# on	
					bradenhead	
TUBING	2 7/8	5233				

5 1/2" Baker lok out pkr at 5229'
CIBP at 5376'

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
SURFACE						
INTERMEDIATE						
PRODUCTION						
TUBING						

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
SURFACE						
INTERMEDIATE						
PRODUCTION						
TUBING						

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

OPERATOR: MOBIL

FIELD: McElmo Creek LEASE:

WELL # B-15 SEC. 2 TOWNSHIP 41S RANGE 24E

STATE (FED.) FEE DEPTH 5444 TYPE WELL INJW MAX. INJ. PRESS. 2800 psig
Rate 4000 BWPD

TEST DATE 10/22/86

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
SURFACE	13 3/8	105'	105 sx	255#		
INTERMEDIATE						
PRODUCTION	8 5/8	1405'	700 sx	-0-		
TUBING	5 1/2"	5443	250 sx	2200		

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
SURFACE						
INTERMEDIATE						
PRODUCTION						
TUBING						

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
SURFACE						
INTERMEDIATE						
PRODUCTION						
TUBING						

Division of Oil, Gas and Mining

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

[ ] Well File _____

(Location) Sec___Twp___Rng___

(API No.) _____

[ ] Suspense

(Return Date) _____

(To - Initials) _____

XXX Other

OPER NM CHG

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

2. DOGM Employee (name) L. CORDOVA (Initiated Call [ ])

Talked to:

Name R. J. FIRTH (Initiated Call XX) - 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).

08/03/95

STATE OF UTAH
INVENTORY OF INJECTION WELLS

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

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:
1- LEC 7-PL
2- LWP 8-SJ
3- DTS 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) MOBIL EXPLOR & PROD
(address) C/O MOBIL OIL CORP
PO DRAWER G
CORTEZ CO 81321
phone (303) 564-5212
account no. N7370

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

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

Name	API	Entity	Sec	Twp	Rng	Lease Type
** SEE ATTACHED **	037-16340					

OPERATOR CHANGE DOCUMENTATION

N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).

N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).

N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____.

N/A 4. **(For Indian and Federal Wells ONLY)** The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.

Lec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (8-3-95)

LWP 6. Cardex file has been updated for each well listed above. 8-31-95

LWP 7. Well file labels have been updated for each well listed above. 9-28-95

Lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (8-3-95)

Lec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

OPERATOR CHANGE WORKSHEET (CONTINUED) Initial each item when completed. Write N/A if item is not applicable.

ENTITY REVIEW

LLC 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/LLC 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.

VTS 8/5/95

N/A 2. Copies of documents have been sent to State Lands for changes involving **State leases**.

FILMING

✓ 1. All attachments to this form have been microfilmed. Date: October 6 19 95.

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!

WE71/34-35

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: 14-20-0603-6508
6. If Indian, Allottee or Tribe Name: NAVAJO TRIBAL
7. If Unit or CA, Agreement Designation: MCELMO CREEK UNIT
8. Well Name and No.: MCELMO CREEK UNIT B-15
9. API Well No.: 43-037-16340
10. Field and Pool, or exploratory Area: GREATER ANETH
11. County or Parish, State: SAN JUAN UTAH

1. Type of Well: [ ] Oil Well [ ] Gas Well [X] Other
2. Name of Operator: MOBIL PRODUCING TX & NM INC.*
*MOBIL EXPLORATION & PRODUCING US INC. AS AGENT FOR MPTM
3. Address and Telephone No.: P.O. Box 633, Midland TX 79702 (915) 688-2585
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1820' FSL, 820' FWL
SEC 2, T41S, R24E

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

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[ ] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[X] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[ ] Other CASING LEAK	[ ] Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

SEE ATTACHED CASING LEAK PROCEDURE.

6-26-98

RECEIVED
JUN 29 1998
DIV. OF OIL, GAS & MINING

COPY SENT TO OPERATOR
Date: 7-13-98
Initials: VDR

14. I hereby certify that the foregoing is true and correct
Signed: Lee Mosley for Title: ENVIRONMENTAL & REGULATORY TECH Date: 6-26-98

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

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

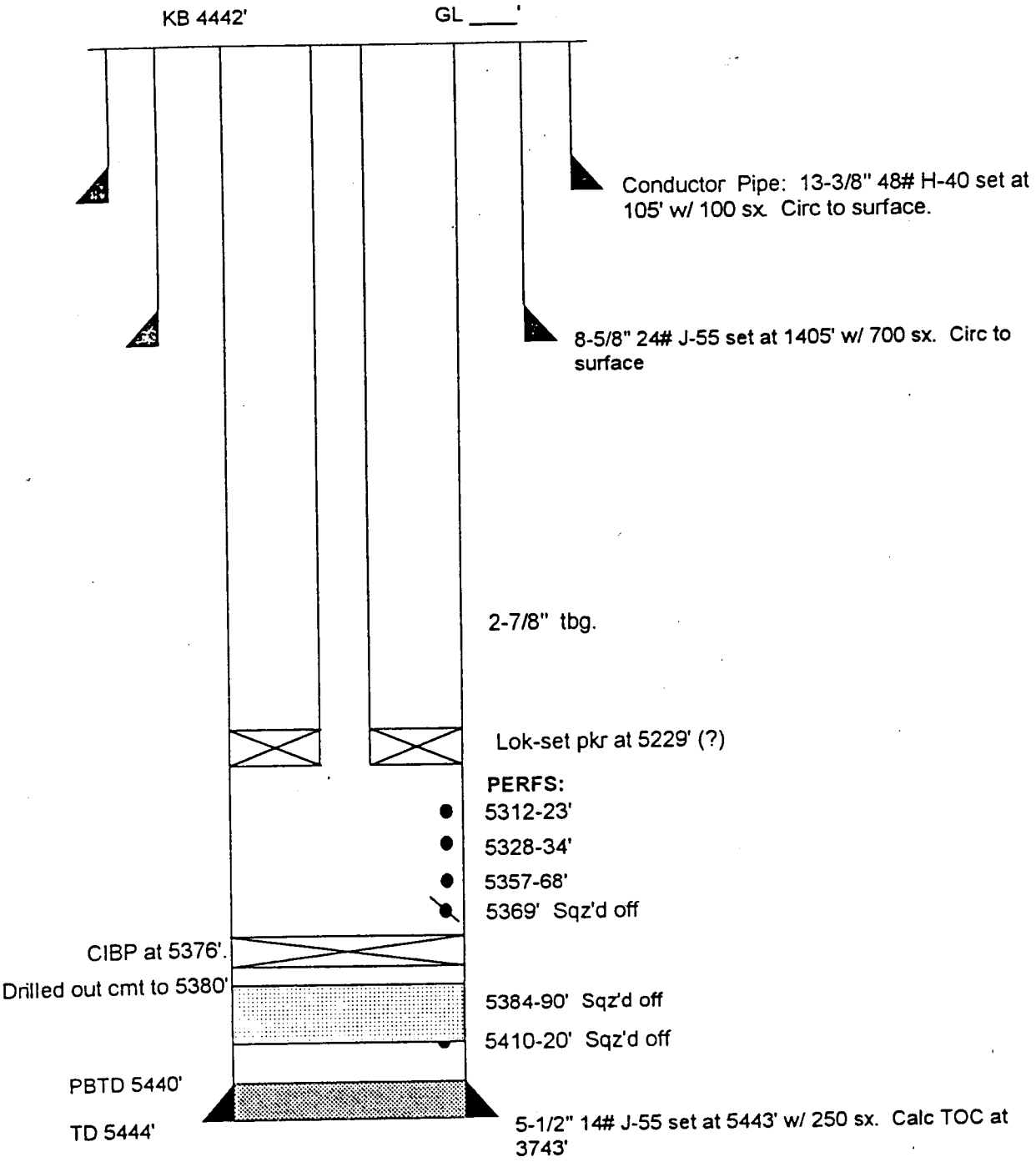
Title 18 U.S.C. Section 1001 makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

* See Instruction on Reverse Side

McELMO CREEK UNIT # B-15

INJECTOR

GREATER ANETH FIELD
1820' FSL & 820' FWL
SEC 2-T41S-R24E
SAN JUAN COUNTY, UTAH
API 43-037-
PRISM 0000175



L. A. TUCKER 11-09-95 MCU # B-15

McElmo Creek Unit #B-15

Casing Leak Procedure

The objective of this operation is to determine the cause of the MIT failure.

1. MIRU PU. Kill well. Using an 8.7 ppg well fluid, well will require 16.4 ppg mud for control.

2. Bullhead mud down tbg and into fmt. Once tbg dead, RU WL and shoot holes @ ± 5200'. Circulate mud around to backside to kill casing.

3. ND WH. NU BOP. Test BOP to 500#.

4. Unset pkr. POOH w/ pkr + inj tbg. RIH w/ 4 ¾" bit + csg scraper. POOH.

5. RIH w/ rbp + pkr + ws. Set rbp @ 5229' and test casing to 1000#.

   - if casing holds, rih w/ pkr + inj equipment. Circ pkr fluid. Run MIT.
   - If casing does not hold, utilize pkr & rbp to find top and bottom of leak. Once leak interval identified, TA well as per BLM requirements.

6. ND BOP. NU WH. RDMO PU.

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

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10. Field and Pool, or exploratory Area: GREATER ANETH
11. County or Parish, State: SAN JUAN UT

1. Type of Well: [ ] Oil Well [ ] Gas Well [X] Other
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*MOBIL EXPLORATION & PRODUCING US INC. AS AGENT FOR MPTM
3. Address and Telephone No.: P.O. Box 633, Midland TX 79702 (915) 688-2585
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SEC. 2, T41S, R24E
1820' FSL, & 820' FWL

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

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other CASING REPAIR/TA'D	[ ] Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

06-11-98 MIRU NAVAJO WEST #31, BLED OFF CSG/TBG, REMOVE MASTER VALVE, INSTALL TIW ATTEMPT TO REMOVE WH, ATTEMPT TO LOCATE WELDER, SI & SDFN.
06-12-98 HOT WORK PERMIT, HEAT & CUT WH, REMOVE TBG SLIPS, ATTEMPT TO FREE PKR. SI, SDFN.
06-13-98 SITP @ 0, CSG @ 0, FLOW BK, RU WEATHERFORD WL UT, RIH CUT WORKFREE/POOH W/PKR, RIH W/BIT, WELL STARTED FLOWING OUT TBG W/VAC TRUCK ON CSG.
06-15-98 PULL BIT & SCRAPER, TEST CSG (500# OK), SET CMT RET. @ 5229'. VERBAL APPROVAL F/ WAYNE TOWNSEND (BLM) TO SQUEEZE.
06-16-98 ISOLATE CSG LEAK F/1453-3700', LD WORK STING & PKR. RIH W/INJ TBG. SI, SDFN.
06-17-98 SITP @ 200#, LD 2 7/8" INJ TBG, ND BOP, NU WH, TEST TO 500#, NO LEAKS, WELL TA'D. RD & REL NAVAJO WEST #31.

09-16-98 PROCEDURE TO PLUG & ABANDON TO BLM

RECEIVED
OCT 05 1998
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
Signed: Sue Moseley for Title: SHIRLEY HOUCHINS, ENV. & REG. TECH Date: 9-30-98

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

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

* See Instruction on Reverse Side

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: 14-20-0603-6508
6. If Indian, Allottee or Tribe Name: NAVAJO TRIBAL
7. If Unit or CA, Agreement Designation: MCELMO CREEK UNIT
8. Well Name and No.: MCELMO CREEK B-15
9. API Well No.: 43-037-16340
10. Field and Pool, or exploratory Area: GREATER ANETH
11. County or Parish, State: SAN JUAN UT

1. Type of Well: [ ] Oil Well [ ] Gas Well [X] Other
2. Name of Operator: MOBIL PRODUCING TX & NM INC.*
*MOBIL EXPLORATION & PRODUCING US INC. AS AGENT FOR MPTM
3. Address and Telephone No.: P.O. Box 633, Midland TX 79702 (915) 688-2585
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SEC. 2, T41S, R24E
1820' FSL, & 820' FWL

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

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[ ] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other PLUG & ABANDON	[ ] Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

THE OBJECTIVE OF THIS OPERATION IS TO DETERMINE THE CAUSE OF THE MIT FAILURE.

SEE ATTACHED PROCEDURE TO PLUG & ABANDON.

RECEIVED
OCT 13 1998
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
Signed Lee Mosley for Title SHIRLEY HOUCHINS, ENV. & REG. TECH Date 10-07-98

(This space for Federal or State office use)

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

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* See Instruction on Reverse Side

McElmo Creek Unit #B-15

Plug & Abandon Procedure

The objective of this operation is to determine the cause of the MIT failure.

1. MIRU PU. Kill well.

2. ND WH. NU BOP. Test BOP to 500#.

3. RIH w/ workstring + sting in assembly to 5.5" cmt retainer @ 5229'. Wash off top of retainer. Sting into retainer. Est inj rate into retainer.

   If able to inject, squeeze perfs w/ 150 sx cmt.

   If no injection, pull out of retainer and spot 17 cu ft cmt on top of retainer.

4. POOH w/ sting in asssembly. RIH w/ workstring. Spot 13.7 cu ft plug across Hermosa (4336'). WOC and tag plug.

5. POOH w/ workstring. RU WL. Perforate w/ 4 spf from 1456-60'. RD WL.

6. Attempt to establish circulation via pumping down casing.

   If able to circulate, go to step 7 to circulate cement to surface.

   If unable to circulate, PU a cmt retainer and set at 1355', to squeeze cmt into perfs. Sting out of retainer and dump 1 bbl of cmt on top of retainer. Continue to Step 8.

7. RIH w/ cmt retainer to 1355'. Squeeze Chinle and circ to surface w/ 350 cu ft cmt. Top fill to retainer w/ 250 cu ft. ND BOPs. Cut off wellhead and top fill all casing strings. Continue to step 10.

8. RU wireline and perforate casing from w/ 4spf from 1245-48'. RD wireline. Establish rate via pumping down casing.

9. If circulation is established, pump down casing through cementing head to circulate cement and fill inside of casing. Approximately 250 ft^3 of cmt will be needed. ND BOP's. Cut off wellhead.

10. RD cementer. RDMO.

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: 14-20-0603-6508
6. If Indian, Allottee or Tribe Name: NAVAJO TRIBAL
7. If Unit or CA, Agreement Designation: MCELMO CREEK UNIT
8. Well Name and No.: MCELMO CREEK B-15
9. API Well No.: 43-037-16340
10. Field and Pool, or exploratory Area: GREATER ANETH
11. County or Parish, State: SAN JUAN UT

1. Type of Well: [ ] Oil Well [ ] Gas Well [X] Other
2. Name of Operator: MOBIL PRODUCING TX & NM INC.*
*MOBIL EXPLORATION & PRODUCING US INC. AS AGENT FOR MPTM
3. Address and Telephone No.: P.O. Box 633, Midland TX 79702 (915) 688-2585
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SEC. 2, T41S, R24E
1820' FSL, & 820' FWL

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

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[ ] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other PLUG & ABANDON	[ ] Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

SUNDRY FILED TO AMEND/CORRECT PROCEDURE MAILED 10-07-98

SEE ATTACHED PROCEDURE & WELLBORE SKETCH TO PLUG & ABANDON.

Amended Sundry

RECEIVED
OCT 13 1998
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
Signed Lee Mosley for Title SHIRLEY HOUCHINS, ENV. & REG. TECH Date 10-08-98

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

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

* See Instruction on Reverse Side

McElmo Creek Unit #B-15

Plug & Abandon Procedure

1. MIRU PU. Kill well.

2. ND WH. NU BOP. Test BOP to 500#.

3. RIH w/ workstring + sting in assembly to 5.5" cmt retainer @ 5229'. Wash off top of retainer. Sting into retainer. Est inj rate into retainer.

   If able to inject, squeeze perfs w/ 150 sx cmt.

   If no injection, pull out of retainer and spot 17 cu ft cmt on top of retainer.

4. POOH w/ sting in asssembly. RIH w/ workstring. Spot 13.7 cu ft plug across Hermosa (4336'). WOC and tag plug.

5. POOH w/ workstring. RU WL. Perforate w/ 4 spf from 1456-60'. RD WL.

6. Attempt to establish circulation via pumping down casing.

   If able to circulate, go to step 7 to circulate cement to surface.

   If unable to circulate, PU a cmt retainer and set at 1355', to squeeze cmt into perfs. Sting out of retainer and dump 1 bbl of cmt on top of retainer. Continue to Step 8.

7. RIH w/ cmt retainer to 1355'. Squeeze Chinle and circ to surface w/ 350 cu ft cmt. Top fill to retainer w/ 250 cu ft. ND BOPs. Cut off wellhead and top fill all casing strings. Continue to step 10.

8. RU wireline and perforate casing from w/ 4spf from 1245-48'. RD wireline. Establish rate via pumping down casing.

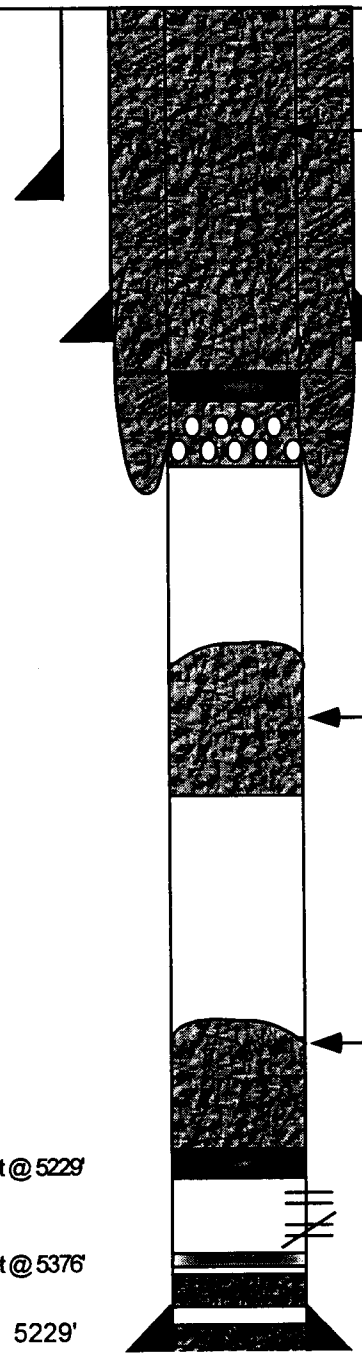
9. If circulation is established, pump down casing through cementing head to circulate cement and fill inside of casing. Approximately 250 ft^3 of cmt will be needed. ND BOP's. Cut off wellhead.

10. RD cementer. RDMO.

1820' FSL
820' FWL
S-2
T41S
R24E
San Juan Co., Utah

McElmo Creek Unit
B-15
Proposed Wellbore

YPO: 8/13/98



Fill to top from retainer to surfcae w/ cmt

13 3/8" 48# H40 @ 105'
w/ 100 sx to surface

8 5/8" 24# J55 @ 1405'
w/ 700 sx to surface

Cmt Ret @ 1355'

Csg perforated from 1455' - 60'.
(4spf) Squeezed backside to
surface w/ 100% excess
Chinle @ 1410'-1817'

Plug from 4296' - 4396'
cover Hermosa @ 4346'

TOC @ 5105'
must reach minimum 50'
above Ismay @ 5155'

Cmt Ret @ 5229'

Perfs
5312' - 68'
5369' - 5904'

Cmt Ret @ 5376'

sqz'd perfs 5348' - 5420'

5 1/2" 14# J55 @ 5443' w/ 250 sx
TOC @ 3743'

Vertical hole TD: 5444' PBTD: 5229'

Formation Tops

Chinle	**1410'**
Dechelley	2423'
Organ Rock	2552'
Hermosa	**4346'**
U. Ismay	**5155'**
L. Ismay	**5262'**
Gothic	5298'
Desert Creek	**5309'**

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: 14-20-0603-6508
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7. If Unit or CA, Agreement Designation: MCELMO CREEK UNIT
8. Well Name and No.: MCELMO CREEK B-15
9. API Well No.: 43-037-16340
10. Field and Pool, or exploratory Area: GREATER ANETH
11. County or Parish, State: SAN JUAN UT

1. Type of Well: [ ] Oil Well [ ] Gas Well [X] Other
2. Name of Operator: MOBIL PRODUCING TX & NM INC.*
*MOBIL EXPLORATION & PRODUCING US INC. AS AGENT FOR MPTM
3. Address and Telephone No.: P.O. Box 633, Midland TX 79702 (915) 688-2585
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SEC. 2, T41S, R24E
1820' FSL, & 820' FWL

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

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[X] Abandonment	[ ] Change of Plans
[ ] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other PLUG & ABANDON	[ ] Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

SEE ATTACHED PROCEDURE TO PLUG & ABANDON.

RECEIVED
SEP 21 1998
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
Signed _____ Title SHIRLEY HOUCHINS, ENV. & REG. TECH Date 9-16-98

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

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* See Instruction on Reverse Side

McElmo Creek Unit #B-15

Plug & Abandon Procedure

1. MIRU PU. Kill well.

2. ND WH. NU BOP. Test BOP to 500#.

3. RIH w/ workstring + sting in assembly to 5.5" cmt retainer @ 5229'. Wash off top of retainer. Sting into retainer. Est inj rate into retainer.

   If able to inject, squeeze perfs w/ 150 sx cmt.

   If no injection, pull out of retainer and spot 17 cu ft cmt on top of retainer.

4. POOH w/ sting in asssembly. RIH w/ workstring. Spot 3 cu ft plug across Hermosa (4346'). WOC and tag plug.

5. POOH w/ workstring. RU WL. Perforate w/ 4 spf from 1863–1867'. RD WL.

6. Establish rate via pumping down casing.

   If able to inject, go to step 7 to circulate cement to surface.

   If unable to inject, spot cmt up 50 ft above shoe at 1355'. WOC 4 hrs and continue to step 8.

7. RIH w/ cmt retainer to 1800'. Squeeze Chinle and circ to surface w/ 350 cu ft cmt. Top fill to retainer w/ 250 cu ft. ND BOPs. Cut off wh and top fill all casing strings with neat cement. Continue to step 10.

8. RU wireline and peforate casing from w/ 4spf from 1345-48'. RD wireline. Establish rate via pumping down casing.

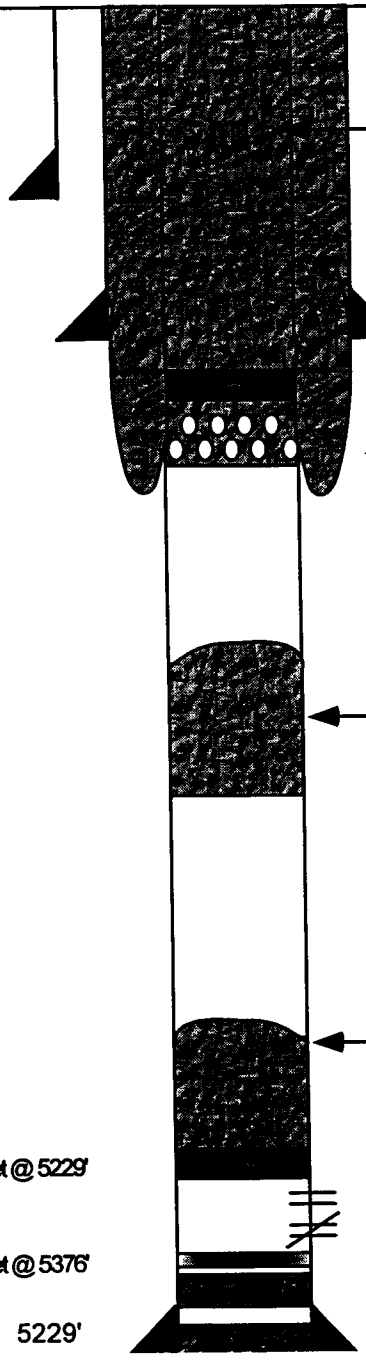
9. If rate is established, pump down casing through cementing head to circulate cement and fill inside of casing to retainer. Approximately 250 ft^3 of cmt will be needed. ND BOP's. Cut off wellhead and top fill all casing strings with neat cement.

10. RD cementer. Weld on steel P&A plate with all required info. RDMO.

1820' FSL
820' FWL
S-2
T41S
R24E
San Juan Co., Utah

McElmo Creek Unit
B-15
Proposed Wellbore

YPO: 8/13/98



Fill to top from retainer to surfcae w/ cmt

13 3/8" 48# H40 @ 105'
w/ 100 sx to surface

8 5/8" 24# J55 @ 1405'
w/ 700 sx to surface

Cmt Ret @ 1800'

Csg perforated from 1863' - 1867'.
(4spf) Squeezed backside to
surface w/ 100% excess
Chinle @ 1410'-1817'

Plug from 4296' - 4396'
cover Hermosa @ 4346'

TOC @ 5105'
must reach minimum 50'
above Ismay @ 5155'

Cmt Ret @ 5229'

Perfs
5312' - 68'
5369' - 5904'

Cmt Ret @ 5376'

sqz'd perfs 5348' - 5420'

5 1/2" 14# J55 @ 5443' w/ 250 sx
TOC @ 3743'

Vertical hole TD: 5444' PBTD: 5229'

Formation Tops

Chinle	1410'
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Hermosa	4346'
U. Ismay	5155'
L. Ismay	5262'
Gothic	5298'
Desert Creek	5309'

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: 14-20-0603-6508
6. If Indian, Allottee or Tribe Name: NAVAJO TRIBAL
7. If Unit or CA, Agreement Designation: MCELMO CREEK UNIT
8. Well Name and No.: MCELMO CREEK B-15
9. API Well No.: 43-037-16340
10. Field and Pool, or exploratory Area: GREATER ANETH
11. County or Parish, State: SAN JUAN UT

1. Type of Well: [ ] Oil Well [ ] Gas Well [X] Other
2. Name of Operator: MOBIL PRODUCING TX & NM INC.*
*MOBIL EXPLORATION & PRODUCING US INC. AS AGENT FOR MPTM
3. Address and Telephone No.: P.O. Box 633, Midland TX 79702 (915) 688-2585
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SEC. 2, T41S, R24E
1820' FSL, & 820' FWL

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

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[X] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[ ] Other PLUG & ABANDON	[ ] Dispose Water

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

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

SEE ATTACHED PLUGGED & ABANDONED (12-15-98 -- 12-23-98)

RECEIVED
FEB 18 1999
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
Signed [signature] Title SHIRLEY HOUCHINS, ENV. & REG. TECH Date 02-15-99

(This space for Federal or State office use)

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

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* See Instruction on Reverse Side

ATTACHMENT - FORM 3160-5
MCELMO CREEK UNIT #B-15
14-20-603-4032
NAVAJO TRIBAL
SAN JUAN, UTAH

12-15-98	MOVE AND RU PULLING UNIT AND SUPPORT EQUIP. SI WELLHEAD PRESSURE 250 PSI. PU STINGER, TIH W/ 2 7/8" W/S. SECURE WELL. SDFN.
12-16-98	CONTINUE TO PU 2 7/8" WS AND TIH TO 5225'. RU HOWCO. CIRC AND LOWER TBG. TO TOP OF CICR AT 5229'. STING INTO RETAINER. STING OUT OF RETAINER. SPOT CMT. PLUG #1 TOP OF RETAINER FROM 5229-5063' (3.5 BBLS SLURRY 15.8 PPG CLASS G NEAT). POOH TO 5000' REVERSE OUT. PULL OUT TO 4396'. SPOT PLUG #2 FROM 4396-4196' (4.6 BBLS SLURRY 15.8 PPG CLASS G NEAT). PULL OUT TO 4096' AND REVERSE OUT. SDFN. WOC. PLUGS WITNESS BY PRESTENE GARNENEZ W/ NAVAJO EPA AND JOSE RUYBALID W/ BLM.
12-17-98	TIH OE TAG CMT PLUG AT 4170'. POOH W/ TBG. PERFORATE 5 1/2" CSG. AT 1460'. EST. CIRC. OUT 8 5/8" X 5 1/2" ANNULUS. TIH W/ CICR TO 1350' (LEFT SWINGING) SDFN.
12-18-98	RU HOWCO. PUMP THRU RETAINER AND SET AT 1350'. MIX AND PUMP 70 BBLS CMT. SLURRY (200 SXS 65-35 POS + 6% GEL + 2% CALC2 AT 12.4 PPG.) W/ GOOD CIRC. CMT. TO SURFACE. DISPLACE TO TOP OF RETAINER. STING OUT OF RETAINER. POOH AND LD STINGER. TIH OE TO TOP OF RETAINER AT 1350'. MIX AND PUMP 31 BBLS. CMT SLURRY. (145 SXS. CLASS H NEAT W/ .5% HALAD 322 AT 15.6 PPG. POOH LD TBG. DIG AROUND WELLHEAD. CUT 8 5/8" AND 5 1/2" HDS. SMALL FLOW 8 5/8" X 5 1/2" ANNULUS. (PU 25' ROD RAN DN ANNULUS DID NOT TAG). SDFN AND TILL MONDAY. ALL PLUGS AND CIRC WITNESS BY PRETENE GARNENEZ W/ NAVAJO EPA AND JOSE RUYBALID W/ BLM.
12-21-98	CUT HOLE IN 1/4" TOP PLATE. TIH W/ 1" PIPE AND SET DN AT 88' FROM SURFACE. WAIT ON APPROVAL FROM BLM (STEVE MASON) TO PROCEED W/ PLAN OF PUMPING DOWN 1" AND CIRC. TO SURFACE AND CLOSE WELL IN. WELD 1" PIPE ON PLATE W/ 1" VALVE AND RE-WELD TOP PLATE. SDFN. UNABLE TO GET DOWELL OR HOWCO TO CMT. THIS DATE.
12-22-98	SIP AT 07:30 WAS 200 PSI. OPEN TO PIT. MIRU HALLIBURTON CMT. UNIT. HALLIBURTON EST. INJ. RATE OF 1 BPM AT 50 PSI AND CMT. DOWN 1" OD OPEN END TBG. SET AT 83' WITH 30 SACKS OF CLASS 'B' CMT + 2% SUPER CBL + 2% CALCIUM CHLORIDE ANHYDROUS. TBG PRESSURE 0 PSI. CMT TO SURFACE AROUND 5.5" X 8.625" CSG. WAIT ON CMT 4 HRS. PLACE TBG GAUGE ON 2" VALVE. PRESSURE TO 100 PSI. BLEED PRESSURE TO 0. WELL HAD SLIGHT WTR FLOW. RU HALLIBURTON. COULD NOT PUMP DOWN 1" LINE AT 300 PSI. RU TO 2" VALVE. PRESSURE TO 600 PSI. BLEED OFF FROM 600 PSI TO 400 PSI. IN 10 MIN. SWI OVER NIGHT, LET CMT. SET UP.
12-23-98	SIP AT 07:30 WAS 100 PSI. 0 FLOW OF FLUID AT SURFACE. CLOSE ALL VALVES AT SURFACE. WELD ON P&A MARKER TO STEEL PLATE ON CSG. RDMO MONTEZUMA WELL SERVICE RIG #15. FINAL P&A REPORT. CLEAN UP LOCATION. CALLED BLM ON DEC. 23, 1998 AT 10:35, INFORMED TOP JOB ON MCELMO CREEK B-15 COMPLETE AND CEMENT TOP IS AT SURFACE. TALKED TO ANSWER MACHINE,LEFT WORD FOR STEVE MASON.

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

ExxonMobil
Production

October 24, 2000

U.S. Department of the Interior
Bureau of Indian Affairs
Shiprock Agency
P.O. Box 3538
Shiprock, NM 87420

McElmo Creek Unit
Reclamation at P&A Sites

Dear Ms. Taylor,

Please find attached seed tags for the following well sites, which have been seeded in accordance with Plug & Abandon operations :

Well # B-15, Sec 02-T41S-R24E, API # 43-037-16340
Well # F-26, Sec 13-T41S-R24E, API # 43-037-15949
Well # I-16, Sec 12-T41S-R24E, API # 43-037-30365
Well # C-16, Sec 02-T41S-R24E, API # 43-037-16266
Well # O-12, Sec 32-T40S-R25E, API # 43-037-16371 (old remediation site)
Well # Q-12, Sec 32-T40S-R25E, API # 43-037-16371
Well # S-20, Sec 09-T41S-R25E, API # 43-037-15979
Well # S-21, Sec 16-T41S-R25E, API # 43-037-30398
Well # V-16, Sec 03-T41S-R25E, API # 43-037-31183
Well # U-09, Sec 33,T40S-R25E, API # 43-037-31122 (remediation site)

If you have questions or need more information, please contact me at 713-431-1022.
Thank your for your assistance in this matter.

Sincerely,

M. Del Pico

Mark Del Pico
US West Producing / Permitting

BIA-P&Aseeding.doc

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

5. Lease Serial No.
See Listing

6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

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

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
See Listing

2. Name of Operator
Mobil Producing TX & NM Inc*
*Mobil Exploration & Producing US Inc as agent for MPTM

9. API Well No.
See Listing

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

3b. Phone No. *(include area code)*
713-431-1022

10. Field and Pool, or Exploratory Area
Greater Aneth

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

11. County or Parish, State
San Juan, UTAH

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

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

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

Mobil Exploration & Producing US Inc. as agent for Mobil Producing Texas & New Mexico Inc. & Mobil Exploration & Producing North America Inc has finished final seeding on the following P&A Well locations. The tags from the Seed Bags were presented to Ms. L. Taylor, BIA, on October 25, 2000.

Well # B-15, Sec 02-T41S-R24E, Lease # 14-20-603-6508, API # 43-037-16340
Well # F-26, Sec 13-T41S-R24E, Lease # 14-20-603-370, API # 43-037-15949
Well # I-16, Sec 01-T41S-R24E, Lease # 14-20-603-4039, API # 43-037-15497 — PAID INJ Well
Well # C-16, Sec 02-T41S-R24E, Lease # 14-20-603-6508, API # 43-037-16266
Well # O-12, Sec 32-T40S-R25E, Lease # 14-20-603-372, API # 43-037-16371 (old remediation site)
Well # Q-12, Sec 32-T40S-R25E, Lease # 14-20-603-372, API # 43-037-16371
Well # S-20, Sec 09-T41S-R25E, Lease # 14-20-603-359, API # 43-037-15979
Well # S-21, Sec 16-T41S-R25E, Lease # 14-20-603-359, API # 43-037-30398
Well # V-16, Sec 03-T41S-R25E, Lease # 14-20-603-2057, API # 43-037-31183
Well # U-09, Sec 33,T40S-R25E, Lease # 14-20-603-2057, API # 43-037-31122 (remediation site)

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DIVISION OF
OIL, GAS AND MINING

Additionally, MCU J-27, Sec 19-T41S-R23E, Lease # 14-20-603-264, API 43-037-15502 was also re-seeded and all BIA Conditions of Approval to P&A this well were met (see 5/4/2000 Sundry). These seed tags were also presented to Ms. L. Taylor on October 25, 1000. Attached is copy of letters to Ms. L. Taylor indicating same.

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

Title Regulatory Specialist

Signature M. Del Pico

Date 10/31/2000

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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