

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

FILE NOTATIONS

Entered in NID File

Entered On SR Sheet

Location Map Closed

Card Indexed

IWD for State or Fed Land

Checked by Chief

Copy NID to Field Office

Approval Letter

Disapproval Letter

COMPLETION DATA:

Date Well Completed 12/1/58 Location Inspected _____

CW WW _____ TA _____ Bond released _____

GW _____ OS _____ PA _____ State of Fee Land _____

LOGS FILED

D.H.V.'s Log 12/1/58

Electric Logs (No. _____)

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

Lat _____ Mi-L _____ Sonic _____ Others Radioactive

* Effective 1-1-73 Humble Oil & Refining was changed to Exxon Company, U.S.A.

(SUBMIT IN TRIPLICATE)

Indian Agency

Navajo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee

Lease No. 14-20-603-263

	7	
		o

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)

October 1, 1958, 19

Navajo Tract 114

Well No. 23 is located 660 ft. from $\left\{ \begin{matrix} N \\ S \end{matrix} \right\}$ line and 660 ft. from $\left\{ \begin{matrix} E \\ W \end{matrix} \right\}$ line of sec. 7

Section 7
(4 Sec. and Sec. No.)

T1S 41S
(Twp.)

25E
(Range)

SLM
(Meridian)

McElmo Creek
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is _____ ft. 4563' Ungraded ground

DETAILS OF WORK

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

Rotary drilling equipment will be used to drill to approximately 5700' to the Paradox Salt Formation. Surface casing: Approximately 1300' of 8-5/8" OD 24# sms casing cemented to the surface. Oil String: Required amount of 5 1/2" OD J55 sms casing cemented with required amount of cement. Mud program - Conventional gel mud, oil emulsion mud may be used to drill pay formation. 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 hydraulic fracturing may be employed in completion.

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

COPY (ORIGINAL SIGNED) B. M. BRADLEY

By B M Bradley
Title District Superintendent

LEASE PLAT & PIPE LINE DATA

DIV. NO. _____ BLOCK NAME _____ LEASE NO. _____

LESSOR _____

TOTAL ACCUMULATED INTEREST _____

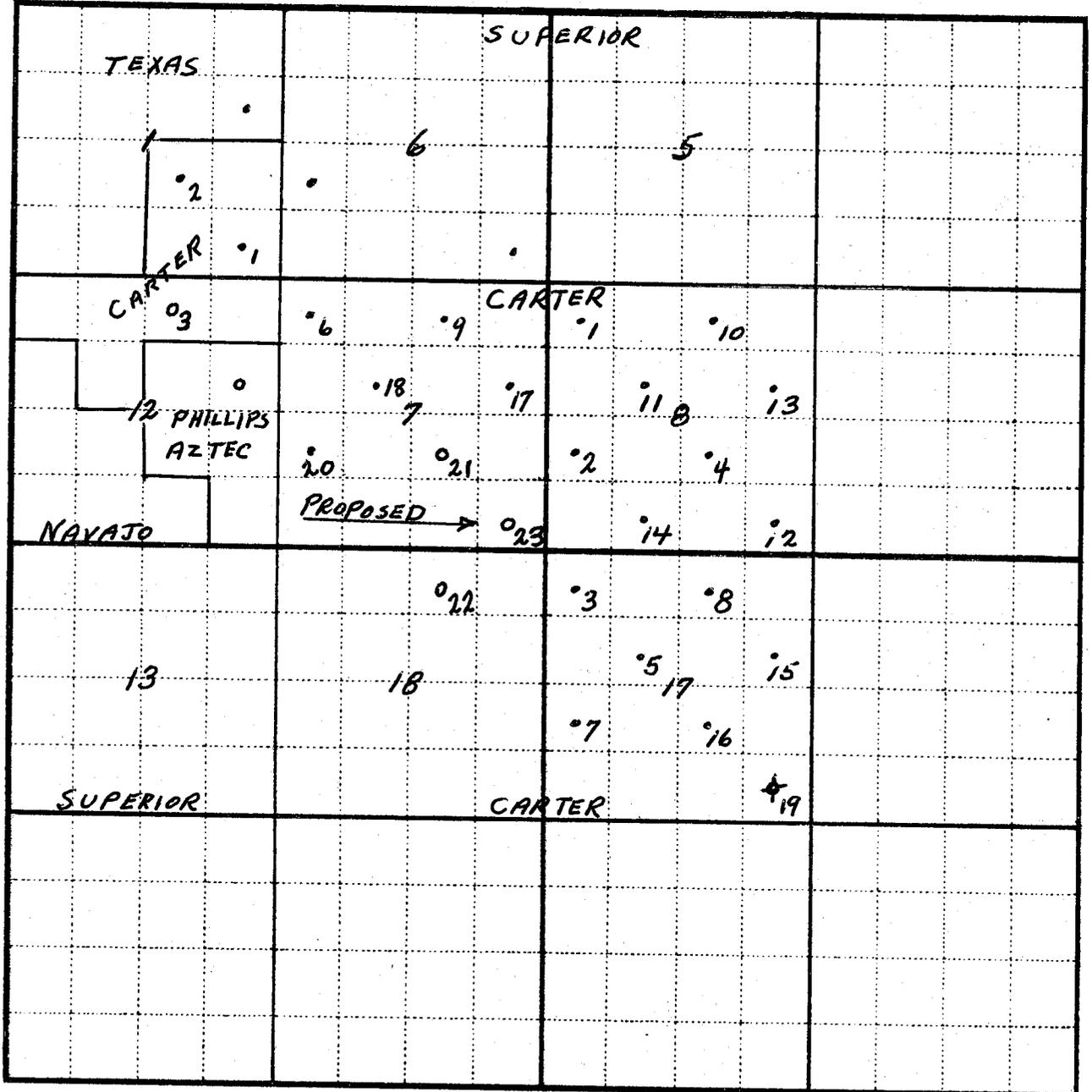
STATE Utah COUNTY San Juan SEC 7 T. 41S R. 25E ACRES _____

DESCRIPTION AND INTEREST: _____

The Carter Oil Company - Proposed Location - Navajo Tract 114 Well #23

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 _____

October 3, 1958

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

Attention: B. M. Bradley, District Superintendent

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo Tract 114-23, which is to be located 660 feet from the south line and 660 feet from the east line of Section 7, Township 41 South, Range 25 East, S1EM, San Juan County, Utah.

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

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

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
SECRETARY

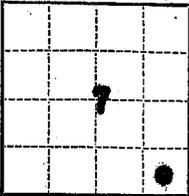
CBF:co

cc: Phil McGrath
USGS, Farmington,
New Mexico

5

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. 11-32-403-253

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>Setting of Casings</u>	<u>x</u>

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

December 2, 1958

Navajo Tract 114
Well No. 23 is located 660 ft. from SW line and 660 ft. from E line of sec. 7

SE SE Section 7
(¼ Sec. and Sec. No.)

11S
(Twp.)

32E
(Range)

S. L. M.
(Meridian)

McInnes Creek
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is 4538 ft.

DETAILS OF WORK

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

Ran three joints 13-3/8" casing, set @ 121', cemented with 125 cu. cement with 25 cu. No returns. Cement from top with 12 cu. cement, job completed 10-18-58.

Ran 41 joints of 8-5/8" OD 2 1/2" casing, set @ 1207', 8-5/8" guide shoe set @ 1200', float collar @ 125 1/2'. Cemented with 700 cu. 50/50 Fowling with 25 gal plus 1/2 Tuff plug per sack plus 100 cu. regular cement with 25 cu. Plug down @ 1205 p.m. 10-21-58. Pumped in 150 cu. regular with 25 cu from top of 13-3/8" casing. Total 950 sacks cement used.

Ran 170 joints 5 1/2" OD casing, set @ 5322', guide shoe @ 5322', float collar @ 5295', cemented with 350 cu. 50/50 Fowling, 25 gal, job completed 1:00 p.m. 11-13-58.

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) B. M. BRADLEY

Title Dist. Supt.

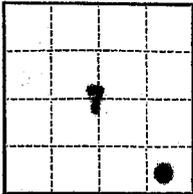
(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. 14-20-603-263



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 <input checked="" type="checkbox"/>
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 2, 1958

Well No. 23 is located 660 ft. from S line and 660 ft. from E line of sec. 7
SE Section 7 112 23E S. 1. N.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
McClure Creek San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4520 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)

Perforated 5239-63' and 5468-76', w/2 shots/ft. Spotted 200 gal. MHA, unbled. Acidized w/1000 gal. 15% regular acid w/27 nylon balls. Four hour test thru 1/8" choke, rec. 140 hbis. oil, no water. Set bridge plug @ 5430', perf. 5376-5430' with 1/4" shots per foot. Spotted 400 gal. 5% MHA, unbled. Treated w/1000 gal. reg. 15% acid plus 21 nylon balls. Four hour test thru 1/8" choke, rec. 120, 12 hbis. oil, no water. Drill out plug @ 5430' and down to 5429'. Set bridge plug @ 5370'. Perf. 5370-18' and 5371-04' w/2 shots/ft. Spotted 400 gal. MHA, unbled back. Treated w/1000 gal. reg. 15% acid and 21 nylon balls. Four hour test thru 1/8" choke for 117.6 hbis. oil, no water. Drill out plug @ 5370', pushed to 5428'.

Completed 12-1-58. Flowing thru 1/8" choke at rate of 475 b.o.p.d. and no water.

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

Company The Garber Oil Company

Address P. O. Box 3082

Durango, Colorado

By **COPY (ORIGINAL SIGNED) B. M. BRADLEY**

Title Dist. Supt.

Company.....THE CARTER OIL COMPANY.....

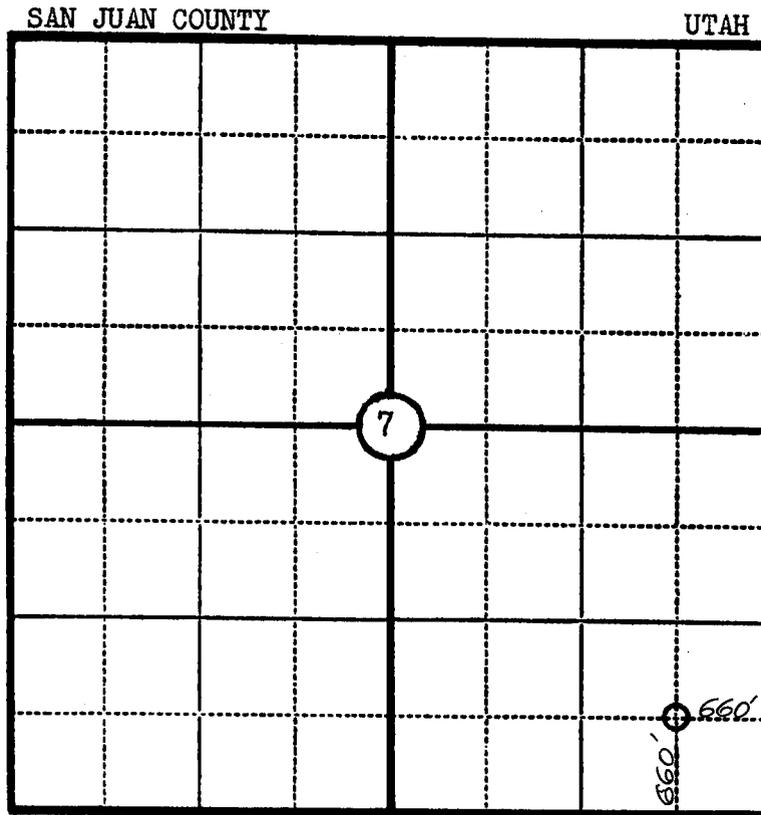
Lease.NAVAJO TRACT No. 114..... Well No.....

Sec. 7....., T. 41 S....., R. 25 E, S.L.M.....

Location...660' FROM THE SOUTH LINE AND 660' FROM
THE EAST LINE.....

Elevation...4546.2 UNGRADED GROUND.....

TEM: 1 x 2 stake 160' North of location. Elev: 4562.5



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:

James P. Leese

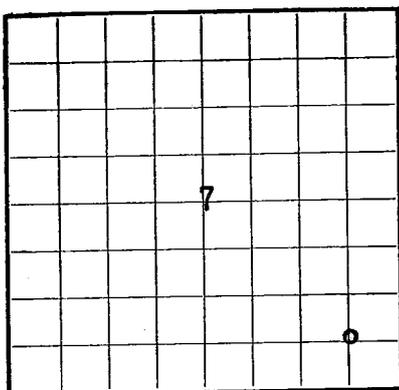
Registered Land Surveyor.
James P. Leese
Utah Reg. No. 1472

Surveyed 20 September, 19 57

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

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. 23 Sec. 7 T. 41S R. 25E Meridian SIM County San Juan
 Location 660 ft. N. of S Line and 660 ft. E. of E Line of Sec. 7-41S-25E Elevation 4558'
(Derriek 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 *B. Bradley* Title Dist. Supt.
 Date December 8, 1958

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

Commenced drilling October 18, 19 58 Finished drilling November 13, 19 58

OIL OR GAS SANDS OR ZONES COMPLETION DATE: 12-1-58
(Denote gas by G)

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

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
 No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From-	To-	
13-3/8"	-	-	-	111'	-	-	5439	5463	Production
8-5/8"	24#	8-R	J-55	1278'	Baker	-	5468	5476	"
5-1/2"	11#	8-R	J-55	5515'	"	-	5376	5420	"
							5300	5318	"
							5337	5374	"

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	1287'	950	"		
5-1/2"	5522'	350	"		

PLUGS AND ADAPTERS

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

SHOOTING RECORD

Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

FOLD MARK

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8"	121'	137	Halliburton		
8-5/8"	1287'	950	"		
5-1/2"	5522'	350	"		

FOLD MARK

PLUGS AND ADAPTERS

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

SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from 0 feet to 5524 feet, and from - feet to - feet
 Cable tools were used from - feet to - feet, and from - feet to - feet

DATES

December 3, 19 58 Put to producing December 1, 19 58
 The production for the first 24 hours was 476 barrels of fluid of which 100% was oil; -% emulsion; -% water; and -% sediment. Gravity, °Bé. 40.4 @ 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

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
5148'	5283'	135'	A ₂
5283'	5524'	241'	Paradox

[OVER]

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

W

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 hailing.

NAVAJO TRACT 114 #23

TD 5524', PBD 5495'. Perforated 5439-63' and 5468-76' with two shots per foot. Spotted 200 gallons MCA, swabbed. Acidized with 4200 gallons 15% regular acid with 27 nylon balls. Four hour test thru 3/8" choke, recovered 140 barrels oil, no water. Set bridge plug @ 5430', perforated 5376-5420' with two shots per foot. Spotted 400 gallons 5% BDA, swabbed. Treated with 7800 gallons regular 15% acid plus 51 nylon balls. Four hour test thru 3/8" choke, recovered 120.12 barrels oil, no water. Drilled out plug 5430' and drove to 5489'. Set bridge plug @ 5370'. Perforated 5300-18' and 5337-64' with two shots per foot. Spotted 400 gallons BDA, swabbed back. Treated with 9000 gallons regular 15% acid and 22 nylon balls. Four hour test thru 3/8" choke for 117.64 barrels oil, no water. Drilled out plug @ 5370', pushed to 5488'.

Completed 12-1-58. Flowing thru 3/8" choke at rate of 476 b.o.p.d. and no water.

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

Navajo

7. UNIT AGREEMENT NAME

McElmo Creek Unit

8. FARM OR LEASE NAME

9. WELL NO.

MCU #M-20

10. FIELD AND POOL, OR WILDCAT

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

SE SE SEC 7, T41S, R25E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

1.

OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

The Superior Oil Company

3. ADDRESS OF OPERATOR

P. O. Drawer 'G', Cortez, Colorado 81321

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

SE SE Section 7, T41S, R25E

14. PERMIT NO.

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

4559' KB

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

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

Notice of intent to stimulate the existing Desert Creek Zone IA perforations 5300-18' with 4,000 gallons 28% retarded acid in two equal stages separated by temporary diverting material. After a brief test of Zone IA the well will be returned to commingled Desert Creek production.

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

SIGNED

J. P. Noser
J. P. Noser

TITLE

Engineer

DATE

11/30/71

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

JPN/njh

*See Instructions on Reverse Side

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

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-263

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

McElmo Creek Unit

8. FARM OR LEASE NAME

9. WELL NO.

MCU #M-20

10. FIELD AND POOL, OR WILDCAT

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

SE SE Sec. 7, T41S, R25E

12. COUNTY OR PARISH 13. STATE

San Juan Cty 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 *Heuble*

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

660' FSL & 660' FEL, Sec. 7, T41S, R25E SLM

14. PERMIT NO.

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

4559' KB

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

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

Isolated Desert Creek Zone 1-A perms 5300-18' with bridge plug and packer. Treated with 4000 gal 28% acid in 2 stages separated by temporary diverting material.

Production prior to workover: 111 B0, 445 BWP, 80% cut.

Production subsequent to workover: 114 B0, 505 BWP, 82% cut.

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

SIGNED

D. D. Kingman
D. D. Kingman

TITLE

District Engineer

DATE

2/4/72

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

OGC/njh

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

PMB

EXXON COMPANY, U.S.A.

POST OFFICE BOX 1600 - MIDLAND, TEXAS 79701

January 3, 1973

REGISTRATION DEPARTMENT
MIDLAND DIVISION

State of Utah
Department of Natural Resources
Division of Oil & Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116

Gentlemen:

Effective on January 1, 1973, Humble Oil & Refining Company merged into its parent corporation. On that date all of the rights, assets, and liabilities of Humble will accrue to and be assumed by Exxon Corporation.

After January 1, 1973, all invoices, payments, notices or other communications which were sent previously to Humble should be sent to Exxon Corporation, P. O. Box 1600, Midland, Texas 79701.

We would appreciate your cooperation in helping us make these changes, and we want to assure you that our policies and business relationships with you will remain the same.

Sincerely,



L. H. Byrd

DLC:mej

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

SUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

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

1. OIL WELL GAS WELL OTHER

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
660' FSL, 660' FEL, SEC. 7, T41S, R25E SLB&M

14. PERMIT NO. _____ 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
KB 4559'

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 _____

9. WELL NO.
MCU #M-20

10. FIELD AND POOL, OR WILDCAT
GREATER ANETH

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SEC. 7, T41S, R25E

12. COUNTY OR PARISH _____ 13. STATE _____

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) _____	
(Other) Current & Future Plans <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.)*

1. The well is currently pumping from the Desert Creek Zone I, II and III. Future plans are to continue producing from these zones until the twin well M-20X is put on injection. At this time Zone I will be squeezed off and Zone II and III will be the producing zones. The estimated start date is during the second quarter of 1979.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING
DATE: 10-2-78
BY: C. B. Lightfoot

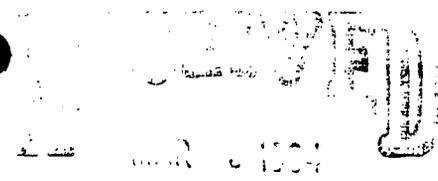
18. I hereby certify that the foregoing is true and correct

SIGNED James R. Oberlander TITLE Engineer DATE Sept. 28, 1978
James R. Oberlander

(This space for Federal or State office use)

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

SUPERIOR OIL



March 2, 1984

**DIVISION OF
OIL, GAS & MINING**

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

Reference: Notice of Change of Operator

Dear Mr. Stout:

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

<u>Well Number</u>	<u>API Number</u>	<u>Well Number</u>	<u>API Number</u>
J-23	<i>41S 25E 18</i> 43-037-15500	I-14	<i>41S 25E 1</i> 43-037-16145
F-20	<i>41S 24E 12</i> 15707	I-16	15497
H-20	<i>41S 24E 12</i> 15708	I-18	<i>41S 24E 12</i> 15709
M-24	<i>41S 25E 18</i> 15513	I-20	<i>41S 24E 12</i> 15710
M-18	<i>41S 25E 7</i> 15510	K-20	<i>41S 25E 7</i> 15503
M-20	<i>41S 25E 7</i> 15511	O-08	<i>40S 25E 29</i> 16146
M-22	<i>41S 25E 18</i> 15512	R-09	<i>40S 25E 33</i> 16147
N-19 Injection	<i>41 25E 8</i> 15515	S-12	<i>40 " "</i> 16150
O-18 Injection	<i>41S 25E 8</i> 15517	S-14	<i>41S 25E 4</i> 16151
P-7 Injection	<i>41S 25E 8</i> 15519	S-16	<i>41S 25E 4</i> 16152
O-20	<i>41S 25E 8</i> 15518	T-09	<i>40S 25E 33</i> 16153
Q-18	<i>41S 25E 8</i> 15521	T-11	" " " 16154
Q-20	<i>41S 25E 8</i> 15522	U-12	" " " 16155
Q-22	<i>41S 25E 17</i> 15323	U-14	<i>41S 25E 4</i> 16156
C-16	<i>41S 24E 2</i> 16266	U-16	" " " 16157
E-14	<i>41S 24E 2</i> 16268	R-08	✓ " " " 15329
E-16	<i>41S 24E 2</i> 15616	S-05	✓ " " " 15330
E-18	<i>41S 24E 11</i> 15706	C-14	<i>41S 24E 2</i> 16265
G-14	<i>41S 24E 1</i> 16143	F-11	✓ " " " 15617
G-16	<i>41S 24E 1</i> 16144	G-12	✓ " " " 15618
G-18	<i>41S 24E 12</i> 15494	I-12	✓ " " " 15619

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

Very truly yours,

Carol D. Dorrell

C.D. Dorrell
Section Supervisor
Western Oil Revenue

CES/tm

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING
ROOM 4241 STATE OFFICE BUILDING
SALT LAKE CITY, UTAH 84114
(801) 533-5771
(RULE 1-5 & RULE 1-4)

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

IN THE MATTER OF THE APPLICATION OF
Superior Oil Company
 ADDRESS P.O. Drawer "G"
Cortez, CO ZIP 81321
 INDIVIDUAL PARTNERSHIP CORPORATION
 FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
 INJECT FLUID INTO THE MCU #M-20 WELL
 SEC. 7 TWP. 41S RANGE 25E
San Juan COUNTY, UTAH

CAUSE NO. _____

ENHANCED RECOVERY INJ. WELL	<input type="checkbox"/>
DISPOSAL WELL	<input type="checkbox"/>
LP GAS STORAGE	<input type="checkbox"/>
EXISTING WELL (RULE 1-4)	<input type="checkbox"/>

APPLICATION

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

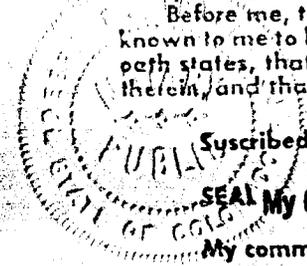
Lease Name <u>McElmo Creek</u>	Well No. <u>#M-20</u>	Field <u>Greater Aneth</u>	County <u>San Juan</u>
Location of Enhanced Recovery <u>660' FSL; 660' FEL</u> Injection or Disposal Well _____ Sec. <u>7</u> Twp. <u>41S</u> Rge. <u>25E</u>			
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date _____	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>1160'</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	State What Oil & Gas	
Location of Injection Source(s) <u>Production wells within the McElmo Creek Unit</u>	Geologic Name(s) and Depth of Source(s) <u>Ismay (5300') Desert Creek (5400')</u>		
Geologic Name of Injection Zone <u>Desert Creek</u>		Depth of Injection Interval <u>5300'</u> to <u>5364'</u>	
a. Top of the Perforated Interval: <u>5300'</u>	b. Base of Fresh Water: <u>1160'</u>	c. Intervening Thickness (a minus b) <u>4140'</u>	
Is the Intervening thickness sufficient to show fresh water will be protected without additional data? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>			
Lithology of Intervening Zones <u>See Item 4 (ii) on ATTACHMENT #1</u>			
Injection Rates and Pressures		Maximum _____ B/D 2800 _____ PSI	
The Names and Addresses of Those to Whom Notice of Application Should be Sent.			

State of Colorado)
 County of Denver)

David B. Jensen
 Applicant

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

Subscribed and sworn to before me this 11th day of May, 19 84



My Commission expires July 12, 1986
 600 17th St. Suite 1500S
 Denver, Colorado 80202

Debra J. Hancock
 Notary Public in and for Colorado

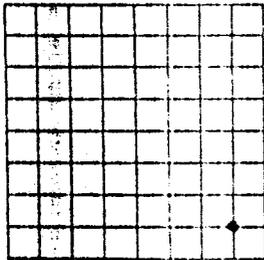
(To be filed within 30 days after drilling is completed)

DEPARTMENT OF NATURAL RESOURCES AND ENERGY

COUNTY
LEASE NO.

API NO. _____

640 Acres
N



Locate Well Correctly
and Outline Lease

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

COUNTY San Juan SEC. 7 TWP. 41S RGE. 25E

COMPANY OPERATING Superior Oil Company

OFFICE ADDRESS P.O. Drawer "G"

TOWN Cortez STATE ZIP CO 81321

FARM NAME McElmo Creek WELL NO. #M-20

DRILLING STARTED Oct. 19 58 DRILLING FINISHED Nov. 19 58

DATE OF FIRST PRODUCTION 12-1-58 COMPLETED 12-1-58

WELL LOCATED C SE SE

660 FT. FROM SW OF 1/4 SEC. & 1980 FT. FROM WL OF 1/4 SEC.

ELEVATION DERRICK FLOOR 4558' GROUND 4549'

TYPE COMPLETION

Single Zone _____

Multiple Zone _____

Cemingled _____

LOCATION EXCEPTION

OIL OR GAS ZONES

Name	From	To	Name	From	To
D.C. ZONE I	5300'	5364'			
D.C. ZONE II	5376'	5463'			
D.C. ZONE III	5468'	5476'			

CASING & CEMENT

Casing Set				Ceg. Test	Cement		
Size	Wgt.	Grade	Feet	Psi	Sax	Fillup	Top
13-3/8"	48#	H-40	121'		137		Surface
8-5/8"	24#	J-55	1287'		950		Surface
5-1/2"	15.5#	J-55					
	14#	J-55	5522'		350		3154' (Est)

TOTAL DEPTH 5524'

PACKERS SET
DEPTH _____

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

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	D.C. ZONE I	D.C. ZONE II	D.C. ZONE III
SPACING & SPACING ORDER NO.			
CLASSIFICATION (DISPOSAL WELL, ENHANCED RECOVERY, LP GAS STORAGE)			
	OIL	OIL	OIL
PERFORATED	5300'-18'	5376'-5420'	5468'-76'
INTERVALS	5337'-64'	5439'-63'	
ACIDIZED?	9400 gals 15% HCL 4000 gals 28% HCL	8200 gals 15% HCL	4400 gals 15% HCL
FRACTURE TREATED?			

INITIAL TEST DATA

ALL ZONES TESTED TOGETHER

Date	12-1-58		
Oil, bbl./day	476		
Oil Gravity	40.4		
Gas, Cu. Ft./day	238,000 (Est)	CF	CF
Gas-Oil Ratio Cu. Ft./Bbl.	500 (Est)		
Water-Bbl./day	0		
Pumping or Flowing	Flowing		
CHOKE SIZE	3/8"		
FLOW TUBING PRESSURE	300 psi		

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

DAVID B. JENSEN ENGINEER

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

Telephone 303/565-3733

Name and title of representative of company

Subscribed and sworn before me this 7th day of May, 19 58

ATTACHMENT 1

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

(a) Attached is Form DOGM-UIC-1.

- (b) (1) See attached Land Plat.
(2) Attached is Form DOGM-UIC-2.
(3) See attached wellbore sketch.
(4)

- i. The intervening thickness is over 4000' between the proposed injection interval and the deepest fresh water sand. Furthermore, all fresh water sands are behind 5-1/2" production casing. The annulus pressure will be monitored to insure no behind pipe communication occurs.
- ii. Maximum Estimated Surface Pressure: 2800 psig
Maximum Estimated Rate: 2000 BWPD.

<u>FORMATION</u>	<u>DEPTH</u>	<u>LITHOLOGY</u>
Chinle	1160'	Shale
8-5/8" Surface Casing	1287'	
DeChelly	2420'	Sandstone
Organ Rock	2580'	Shale
Hermosa	4340'	Limestone
Ismay	5151'	Limestone
Gothic	5282'	Shale
Desert Creek	5294'	Limestone
Chimney Rock	5480' (Est)	Shale

(5)

- i. A throttling valve will be installed on the wellhead to control injection rates and pressures.
- ii. The source of injection water will be 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 5400' respectively.
- iii. The analysis of injection water is as follows:
(as parts per million).

PH:	6.5	Ca:	13770	SO4:	25
CL:	16700 ppm	Mg:	11421	H2S:	30
Fe:	3	HC03:	109.8	Ba:	--
CaCo3:	18470	CO3:	-	Specific Gravity:	1.0553

Well #M-20

(5) Cont.

iv. The proposed 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. All fresh water zones are behind surface casing.

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

PH:	6.8	Ca:	5760	SO4:	700
CL:	42,000	Mg:	1453	H2S:	45
Fe:	1	HCO3:	134	Ba:	-
CaCO3:	20,400	CO3:	-	Specific Gravity:	1.048

(6) If the proposed injection well must be shut-in, the fresh water wells can also be shut-in.

(7) N/A.

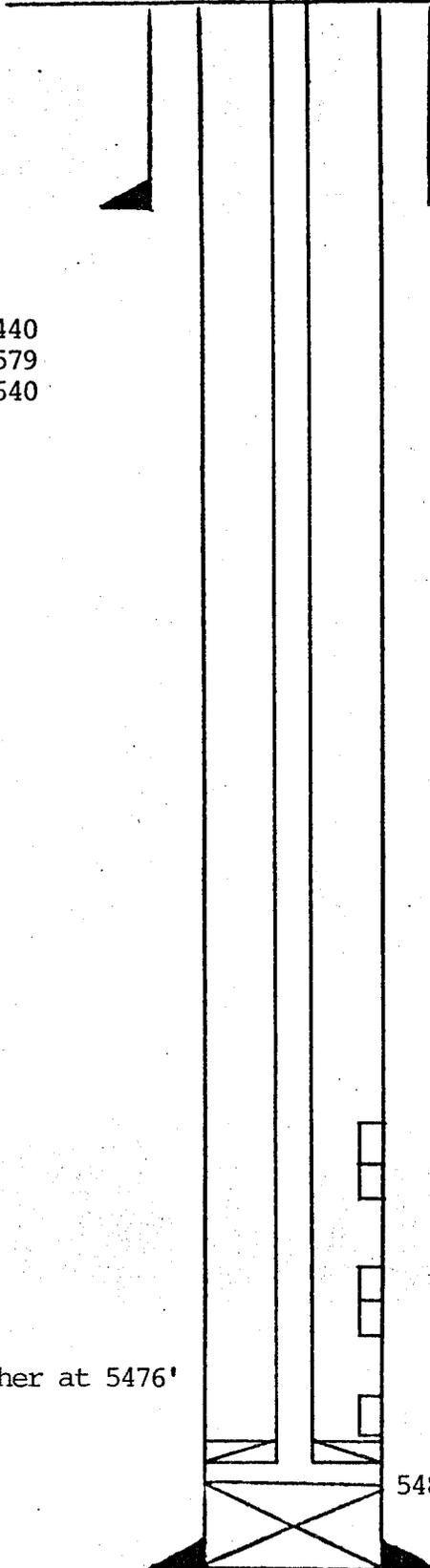
(8) The Division will be notified of the date and time to monitor the mechanical integrity test.

(9) There are not defective wells in this area.

(10) N/A.

McELMO CREEK UNIT #M-
 GREATER ANETH FIELD
 SAN JUAN COUNTY, UTAH

PRESENT WELLBORE SKETCH



8-5/8", 24#, J-55 Surface casing cmt'd to surface w/950 sx

1287'

CAPACITIES (BBL/FT)

5 1/2", 14# csg.: 0.02440
 2-7/8", 6.5# tbg.: 0.00579
 2-7/8-5 1/2" ann.: 0.01640

3 1/2", 9.3#, J-55 Tbg. to 5482'

5 1/2", 15.5# (0'-163') & 14# (163'-5522') production casing cmt'd at 5522' w/350 sx

TOC 3154' (est)

Desert Creek Zone I:

5300-18' (2JSPF)
 5337-64' (2JSPF)

Desert Creek Zone II:

5376-5420' (2JSPF)
 5439-63' (2JSPF)

Desert Creek Zone III:

5468-76' (2JSPF)

Baker Anchor-Catcher at 5476'

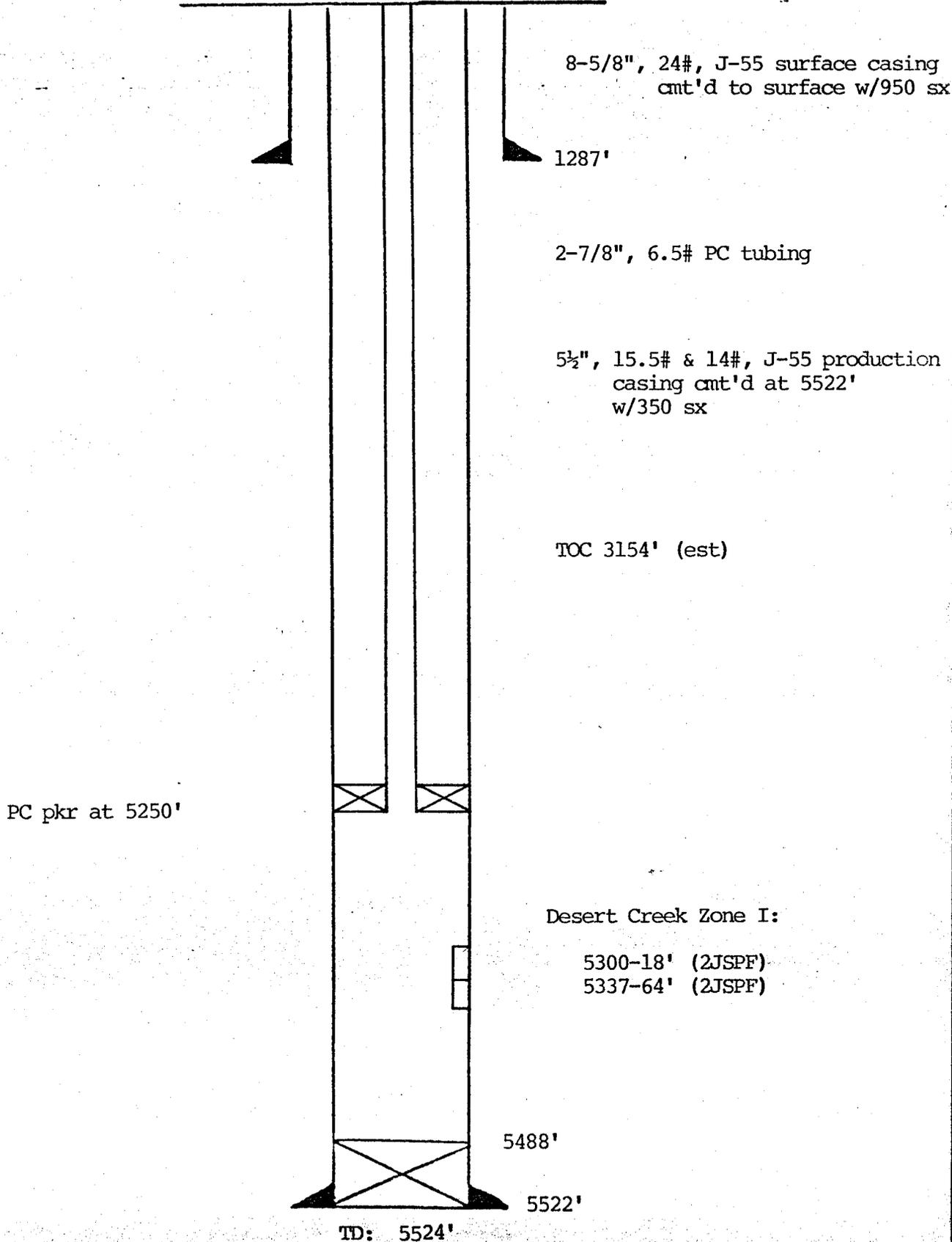
5488'

5522'

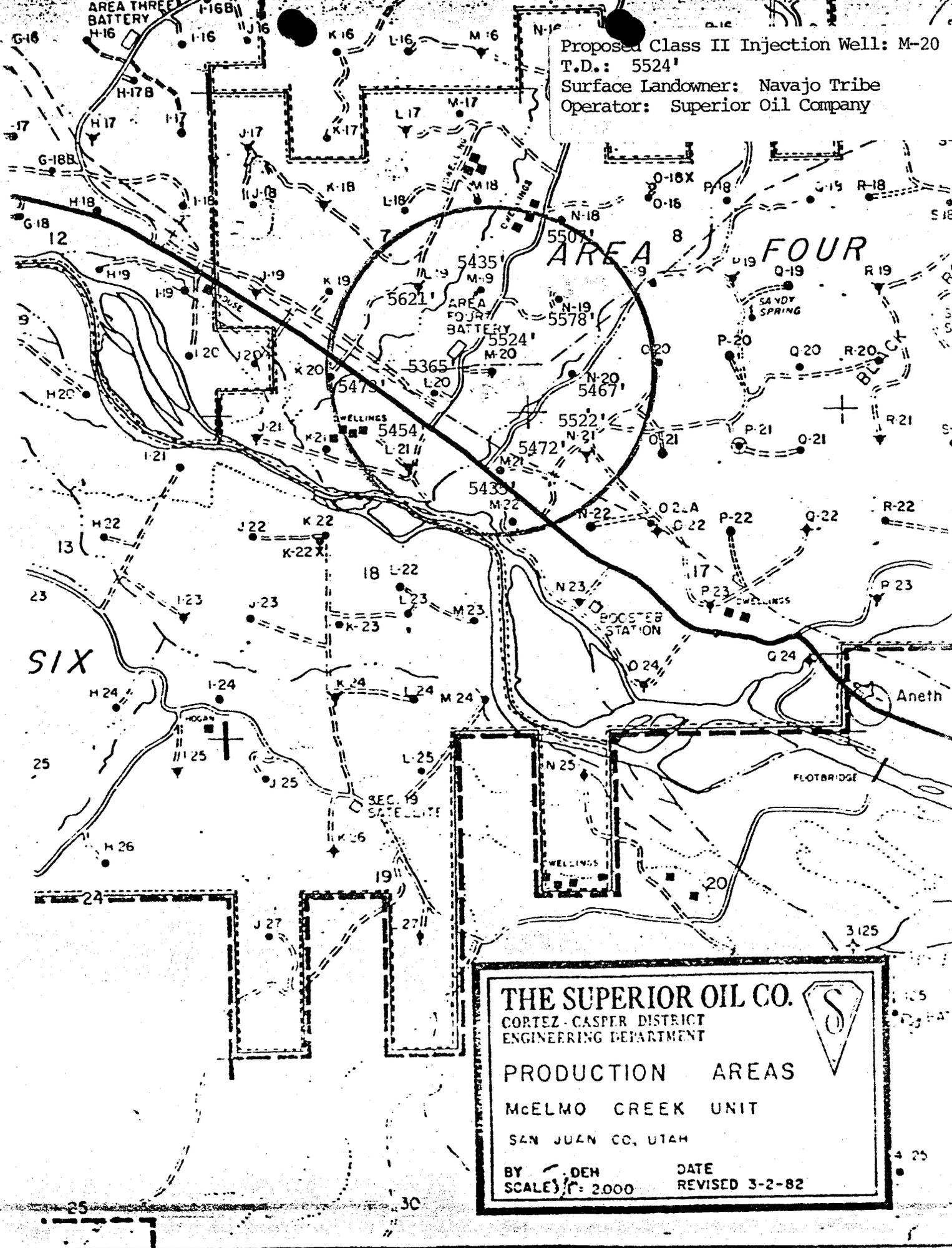
TD: 5524'

McELMO CREEK UNIT #M-
GREATER ANETH FIELD
SAN JUAN COUNTY, UTAH .

PROPOSED WELLBORE SKETCH



Proposed Class II Injection Well: M-20
 T.D.: 5524'
 Surface Landowner: Navajo Tribe
 Operator: Superior Oil Company



THE SUPERIOR OIL CO. 
 CORTEZ-CASPER DISTRICT
 ENGINEERING DEPARTMENT

PRODUCTION AREAS
 McELMO CREEK UNIT
 SAN JUAN CO., UTAH

BY J. DEN DATE
 SCALE: 1" = 2,000' REVISED 3-2-82

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

---ooOoo---

IN THE MATTER OF THE APPLICATION : CAUSE NO. UIC-038
OF SUPERIOR OIL COMPANY FOR :
ADMINISTRATIVE APPROVAL TO :
INJECT WATER INTO CERTAIN WELLS :
LOCATED IN SECTIONS 7, 18 AND 19 :
TOWNSHIP 41 SOUTH, RANGE 25 EAST :
SAN JUAN COUNTY, UTAH :

---ooOoo---

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

Notice is hereby given that Superior Oil Company, P.O. Drawer "G",
Cortez, Colorado 81321 has requested administrative approval from the
Division to convert the wells mentioned below to water injection wells
as follows:

McELMO CREEK UNIT

K-20, Sec. 7, T41S, R25E
M-20, Sec. 7, T41S, R25E
M-18, Sec. 7, T41S, R25E
K-22, Sec. 18, T41S, R25E
L-23, Sec. 18, T41S, R25E
L-25, Sec. 19, T41S, R25E

INJECTION INTERVAL: Paradox Formation, Ismay and Desert Creek
Members, 5210' to 5466'
MAXIMUM INJECTION RATE: 2800 BHPD
MAXIMUM INJECTION PRESSURE: 2000 psi

This application will be granted unless objections are filed with
the Division of Oil, Gas and Mining within fifteen days after
publication of this Notice. Objections, if any, should be mailed to:
Division of Oil, Gas and Mining, 4241 State Office Building, Salt Lake
City, Utah 84114.

DATED this 21th day of May, 1984.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING


MARJORIE L. LARSON
Administrative Assistant

UIC-038

Sent to the following:

Newspaper Agency
San Juan Record

Navajo Indian Tribe
Window Rock, Arizona 85615

Minerals Management Service
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, Utah 84104

U.S. Environmental Protection Agency
1860 Lincoln Street
Attn: Mike Strieby
Denver, Colorado 80295

Utah Dept. of Health
Water Pollution Control
150 W.N. Temple
Salt Lake City, Utah 84114

Superior Oil Company
P.O. Drawer "G"
Cortez, Colorado 81321


May 22, 1984

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.)

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 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 660' FSL, 660' FEL, SECTION 7		8. FARM OR LEASE NAME
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) K.B.: 4559', G.L.: 4549'	9. WELL NO. #M-20
		10. FIELD AND POOL, OR WILDCAT GREATER ANETH
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 7, T41S, R25E, S1M
		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 checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(Other) Convert to Injection

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

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

- MIRU. POOH w/Production Equipment.
- RIH w/Pkr. and Tbg. Set Packer at 5200'. Squeeze all perfs to 2500 psig w/400 sx Class "B" cmt + additives.
- Drill out to 5370'.
- Perforate Desert Creek Zone I (5300'-5318', 5337'-5364'/2 JSPF).
- Acidize D.C. Zone I w/6500 Gals. 28% HCl + addivites.
- Swab back load fluid. POOH.
- RIH w/PC 2-7/8" Tbg and PC 5 1/2" pkr. Set pkr at 5250'.
- RDMO.

RECEIVED

MAY 14 1984

DIVISION OF OIL
GAS & MINING

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

SIGNED David B. Jensen TITLE Engineer DATE April 24, 1984

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPL
(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.

14-20-603-263

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NAVAJO

7. UNIT AGREEMENT NAME

McELMO CREEK UNIT

8. FARM OR LEASE NAME

9. WELL NO.

#M-20

10. FIELD AND POOL, OR WILDCAT

GREATER ANETH

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

SEC. 7, T41S, R25E

12. COUNTY OR PARISH 13. STATE

SAN JUAN

UTAH

OIL WELL GAS WELL OTHER WATER INJECTION

2. NAME OF OPERATOR
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

660' FSL, 660' FEL, SESE, SEC. 7

14. PERMIT NO.

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

GR: 4549'

18. 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)

LAY INJECTION LINE

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.)*

In reference to the above subject well, Superior Oil Company intends to lay approximately 1950' of 3-1/2", 7.58# cement lined line pipe with extrucoat for water injection purposes. Construction time will be approximately one week after BIA approval.

Attached is a plat with the proposed right-of-way.

RECEIVED

JUN 22 1984

DIVISION OF OIL
GAS & MINING

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

SIGNED

James S. Andres
JAMES S. ANDRES

TITLE

ENGINEER

DATE

6-14-84

(This space for Federal or State office use)

APPROVED BY

TITLE

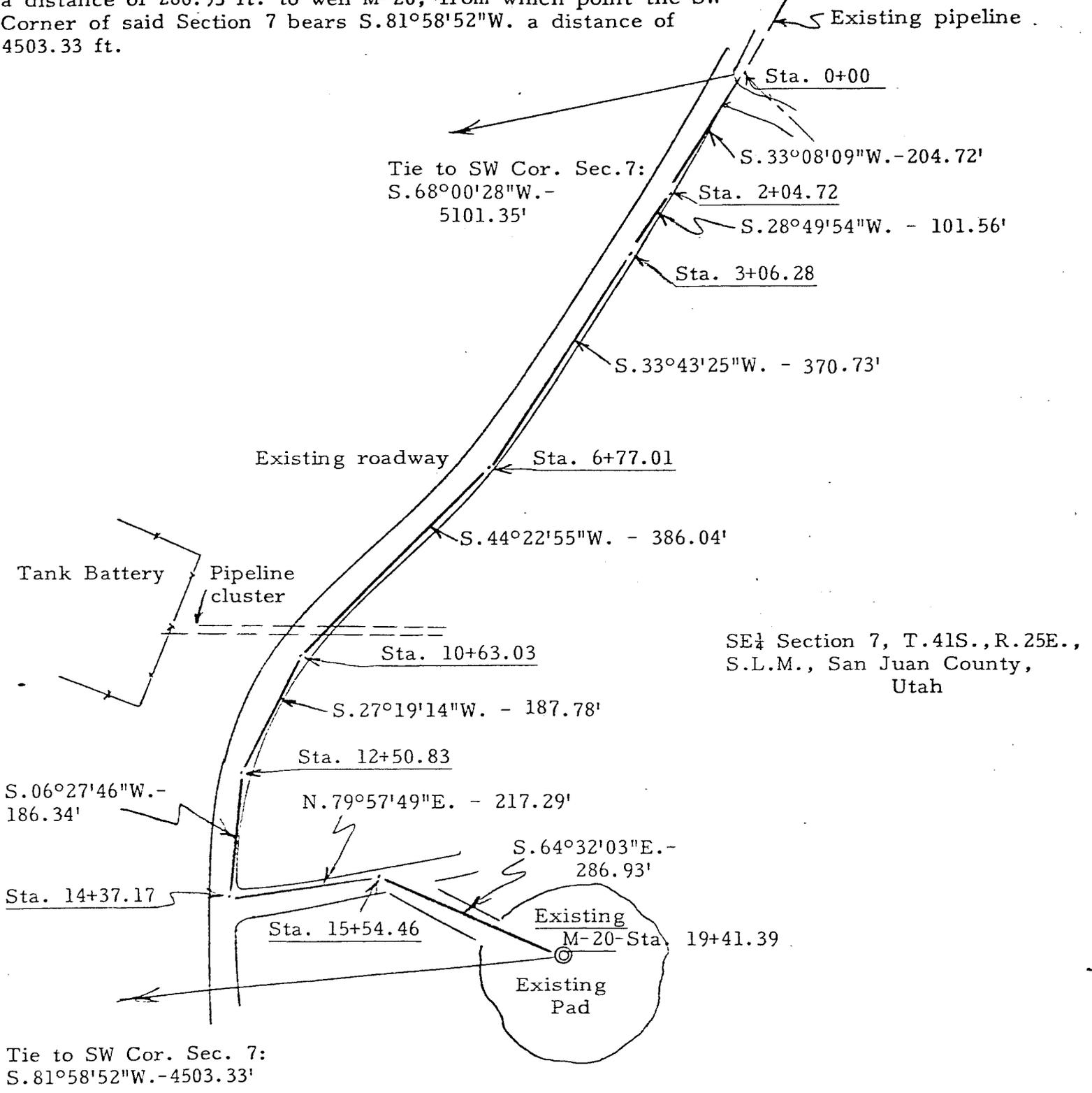
DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Legal Description

A pipeline centerline location in the SE¼ of Section 7, T.41S., R.25E., S.L.M., San Juan County, Utah, being more particularly described as follows:
 Beginning at a point on an existing pipeline in the SE¼ of Section 7, T.41S., R.25E., S.L.M., San Juan County, Utah, from which point the SW Corner of said Section 7 bears S.68°00'28"W. a distance of 5101.35 ft.; thence, S.33°08'09"W. a distance of 204.72 ft.; thence, S.28°49'54"W. a distance of 101.56 ft.; thence, S.33°43'25"W. a distance of 370.73 ft.; thence, S.44°22'55"W. a distance of 386.04 ft.; thence, S.27°19'14"W. a distance of 187.78 ft.; thence, S.06°27'46"W. a distance of 186.34 ft.; thence, N.79°57'49"E. a distance of 217.29 ft.; thence, S.64°32'03"E. a distance of 286.93 ft. to well M-20, from which point the SW Corner of said Section 7 bears S.81°58'52"W. a distance of 4503.33 ft.



SE¼ Section 7, T.41S., R.25E.,
 S.L.M., San Juan County,
 Utah

Tie to SW Cor. Sec. 7:
 S.81°58'52"W. - 4503.33'

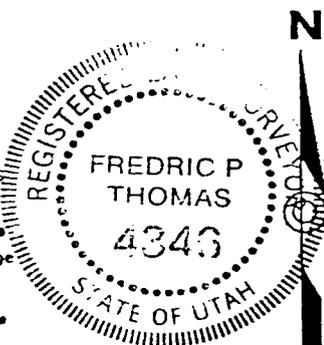
Note: Bearing is based on the bearing of the west line of Section 18, T.41S., R.25E., S.L.M., San Juan Co., Utah, from the SW Corner of said Section 18 to the NW Corner of said Section 18. This bearing is N.0°00'52"W.

KNOW ALL MEN BY THESE PRESENTS:
 THAT I, FREDRIC P. THOMAS
 do hereby certify that I prepared this plot from an
 actual and accurate survey of the land and that the
 same is true and correct to the best of my knowledge
 and belief.

Fredric P. Thomas

FREDRIC P THOMAS
 Reg. L.S. and P.E.
 Colo. Reg. No. 6728

Utah Reg. No. 4346



THOMAS Engineering Inc.

215 N. Linden
 Cortez, Colorado
 565-4496



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.)

1. OIL WELL GAS WELL OTHER Water Injection **RECEIVED**

2. NAME OF OPERATOR
SUPERIOR OIL COMPANY

3. ADDRESS OF OPERATOR
P. O. DRAWER 'G', CORTEZ, COLORADO 81321 **OCT 31 1984**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
DIVISION OF OIL GAS & MINING
660' FSL, 660' FEL, SESE SEC. 7

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, OR, etc.)
4549' GL

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

9. WELL NO.
#M-20

10. FIELD AND POOL, OR WILDCAT
GREATER ANETH

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA
SEC. 7, T41S, R25E

12. COUNTY OR PARISH 13. STATE
SAN JUAN UTAH

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input 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) Attachment to Form 3160-4 <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.)*

Date Spudded: 10-18-58
Date TD Reached: 11-13-58
TD: 5524'
PBSD: 5370'

Casing record: 13-5/8", unknown weight set at 121' in 17-1/2" hole w/ 137 sx reg w/ 2% cc.
8-5/8", 24# set at 1287' in 12-1/4" hole w/ 950 sx Poxmix.
5-1/2", 14 & 15.5# set at 5522' in 7-7/8" hole w/ 350 sx Pozimix (est TOC at 3156').

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

SIGNED R. Dentici TITLE Engineer DATE 10-22-84

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.)

1. OIL WELL GAS WELL OTHER WATER INJECTION

2. NAME OF OPERATOR
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
660' FSL, 660' FEL, SESE SEC. 7

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4549' GL

RECEIVED

OCT 31 1984

DIVISION OF OIL
GAS & MINING

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

9. WELL NO.
#M-20

10. FIELD AND POOL, OR WILDCAT
GREATER ANETH

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SEC. 7, 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

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Convert to injection

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.)*

- 10-5-84: POH w/ all production equipment. Run bit & scraper to 5491'.
- 10-6-84: Squeezed all existing perfs (5300-18', 5337-64', 5376-5420', 5439-63', 5468-76') w/ 400 sx Class 'B' to 2500 psi.
- 10-8-84: Drilled out to 5370'.
- 10-9-84: Perforated Desert Creek I w/ 2 JSPF at 5300-18', 5337-64' (94 holes, .43"). Acidized 5300-5364' w/ 6500 gals 28% HCL and 3 salt plugs. Swabbed 20 BW.
- 10-10-84: Swabbed 100 bbls w/ 8% oil.
- 10-11-84: Swabbed 20 bbls of fluid.
- 10-12-84: RIH w/ injection pkr and injection string. Circulated hole w/ inhibited FW. Set pkr at 5243. Waiting on injection wellhead.

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

SIGNED R. Dentici TITLE Engineer DATE 10-22-84

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other Water injection

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other Convert to inject

2. NAME OF OPERATOR
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)*
At surface 660' FSL, 660' FEL, SESE SEC. 7
At top prod. interval reported below Same
At total depth Same

RECEIVED

OCT 31 1984

DIVISION OF OIL
GAS & MINING

14. PERMIT NO. _____ DATE ISSUED _____

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

9. WELL NO.

#M-20

10. FIELD AND POOL, OR WILDCAT

GREATER ANETH

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

SEC. 7, T41S, R25E

12. COUNTY OR PARISH

SAN JUAN

13. STATE

UTAH

15. DATE SPUDDED 10-18-84 16. DATE T.D. REACHED 11-13-84 17. DATE COMPL. (Ready to prod.) 10-12-84 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4549' GL 19. ELEV. CASINGHEAD 4550'

20. TOTAL DEPTH, MD & TVD _____ 21. PLUG, BACK T.D., MD & TVD _____ 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS _____ CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
5300-5364' Desert Creek

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Radio-activity log

27. WAS WELL CORED
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	Unknown	121'	17-1/2"	137 sx reg w/ 2% cc	
8-5/8"	24	1287'	12-1/4"	950 sx Pozmix	
5-1/2"	14 & 15.5#	5522'	7-7/8"	350 sx Pozmix	TOC @ 3156' (es)

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	5243'	5243'

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

5300-18', 5337-64', .43" 94 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<u>5300-5476'</u>	<u>400 sx Class 'B' cmt</u>
<u>5300-5364'</u>	<u>6500 gals 28% HCL & salt plugs</u>

33.* PRODUCTION

DATE FIRST PRODUCTION _____ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) _____ WELL STATUS (Producing or shut-in) _____

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) _____ TEST WITNESSED BY _____

35. LIST OF ATTACHMENTS

Form 3160-5

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED R. Dentici TITLE Engineer DATE 10-22-84

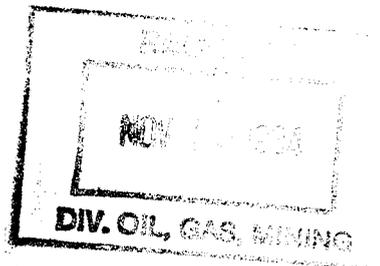
*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
				Chinle	1160'	
				DeChelly	2420'	
				Organ Rock	2580'	
				Hermosa	4340'	
				Ismay	5151'	
				Gothic Shale	5282'	
				Desert Creek	5294'	
				Chimney Rock	5480' (est)	

FORM NO. DOGM-UIC-5
(1981)

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



RULE I-7 (d & e)

NOTICE OF (COMMENCEMENT) ~~TERMINATION~~ OF INJECTION

(Circle appropriate heading)

Check Appropriate Classification: _____ Date of Commencement/ ~~Termination~~ 11-6-84

Disposal Well

Enhanced Recovery Injection Well

Enhanced Recovery Project

Well Name McELMO CREEK UNIT #M-20

Location: Section 7 Twp. 41S Rng. 25E, County SAN JUAN

Order No. authorizing injection UIC-038 Date JUNE 25, 1984

Zone into Which Fluid Injected DESERT CREEK I

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

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

Operator SUPERIOR OIL COMPANY

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

David B. Jensen
Signature David B. Jensen, Engineer

11-9-84
Date

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

INJECTION WELL APPLICATION CHECKLIST

COMPANY Superior
WELL # W-20 LOCATION Sec. 7 T. 415 R. 25E
DATE RECEIVED 5/14/84
LEGAL/ADMINISTRATIVE 7
TECHNICAL ADEQUACY 5-22-84 MP
PUBLICATION 5-22-84 MP
CARD CHANGE 5-22-84 MP
COMPUTER STATUS 5-22-84 MP
APPROVAL STATUS 6-25-84 MP
DENIAL REMARKS: _____

Publication requests in file K-20
Application to convert in file K-22
Approval letter in file K-22
Publication proofs in K-22

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.)

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

9. WELL NO.

#M-20

10. FIELD AND POOL, OR WILDCAT

GREATER ANETH

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

SEC. 7, T41S, R25E

12. COUNTY OR PARISH | 13. STATE

SAN JUAN

UTAH

OIL WELL GAS WELL OTHER WATER INJECTION

2. NAME OF OPERATOR

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

660' FSL, 660' FEL, SESE of SEC. 7

14. PERMIT NO.

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

4549' 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
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other) Start of Injection

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.)*

On November 6, 1984, this well was placed on active injection status.

RECEIVED
DEC 03 1984
DIVISION OF
OIL, GAS & MINING

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

SIGNED R. Dentici TITLE Engineer DATE 11-29, 1984

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on
reverse side)

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

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

9. WELL NO.
M-20

10. FIELD AND POOL, OR WILDCAT
GREATER ANETH

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SEC. 7, T41S, R25E

12. COUNTY OR PARISH 13. STATE
SAN JUAN 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 WATER INJECTOR

2. NAME OF OPERATOR
SUPERIOR OIL COMPANY / MOBIL AS AGENT

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
660' FSL, 660' FEL, SECTION 7

RECEIVED

AUG 15 1985

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
GL: 4549'

16. Check Appropriate Box To Indicate Nature of Well Completion 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 checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	

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

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

- MIRU. Install and test BOP's. POOH w/ injection string.
- Mill over and recover Baker Model 'D' packer.
- Run bit and scraper to PBD of 5369'.
- Run fullbore packer and set @ 5255' ±. Squeeze all perms w/ 300 sxs Class 'B' cement.
- Drill out cement to 5370'.
- Perforate Desert Creek Zone I 5300-18' and 5337-64' with 2 JSPF.
- Run packer and set @ 5180'. Acidize w/ 4000 gals 28% HCl.
- Swab to recover load.
- Run injection string and return to injection.

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

SIGNED [Signature] TITLE Sr. Staff Op. Engineer DATE 8-08-85
Dr. J. Collins
 (This space for Federal or State office use)

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

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPL
(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.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> <i>Injection Well</i>		5. LEASE DESIGNATION AND SERIAL NO. <i>14.20.603.263</i>
2. NAME OF OPERATOR <i>Mobil Oil Corp as Agent for Superior Oil</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <i>Navajo</i>
3. ADDRESS OF OPERATOR <i>P.O. Drawer G, Cortez Co 81321</i>		7. UNIT AGREEMENT NAME <i>McElmo Creek</i>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface <i>660' FSL, 660' FEL</i>		8. FARM OR LEASE NAME <i>-</i>
14. PERMIT NO.		9. WELL NO. <i>M-20</i>
15. ELEVATIONS (Show whether DF, GL or GAS & MINING) <i>DF: 4558; GL: 4548</i>		10. FIELD AND POOL, OR WILDCAT <i>Greater Aneth</i>
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <i>Sec 7, T41S, R2SE</i>
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.)		12. COUNTY OR PARISH <i>San Juan</i>
		18. STATE <i>Utah</i>

RECEIVED
NOV 05 1985

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

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

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

10/16/85 MIRU. ND wellhead. Released seal assembly. NU BOP. POOH w/ 2-3/8" tbg, on-off tool, downhole shut-off valve and seal assembly.

10/17/85 RIH w/ 2-7/8" work string w/ Baker packer plucker. Milled over and recovered Model D packer @ 5253'. RIH w/ bit and 5 1/2" casing scraper and tagged fill at 5369'. Circ hole clean and POOH.

10/18/85 RIH w/ cement retainer and set @ 5265'. Dowell mixed and pumped 42 bbls cement slurry. Squeezed to 3000 psi. P.O.D retainer and reversed out 11 bbls cement. POOH w/ tbg. RIH w/ mill.

10/21/85 Milled up cement retainer at 5265'. POOH. Ran back in hole w/ bit & scraper and drilled out 70' cement.

(Continued on attached sheet.)

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

SIGNED *[Signature]*

TITLE *Sr Staff Opn. Engr* DATE *10/30/85*

(This space for Federal or State office use)

APPROVED BY *[Signature]*
CONDITIONS OF APPROVAL, IF ANY:

TITLE *Vic Manager* DATE *11-8-85*

*See Instructions on Reverse Side

McElmo Creek Unit M-20

- 10/22/85 Drilled out remaining cement to 5370'. Circ hole clean and P00H. RIH w/ packer to test for possible small csq leak. No leak found. P00H. Ru to perforate. Tagged bottom at 5365'. Perforated Desert Creek Zone I 5300/18' and 5337/64' (two - 1/2" JPF)
- 10/23/85 RIH w/ packer and three jts tail to 5364'. Spotted 2 bbls 28% HCl. Pulled up and set pkr at 5260'. Treated well w/ 4000 gals 28% HCl in four equal stages w/ 1500 gal LSW between stages. Pumped 1000 gals gelled LSW containing 1/2 ppg salt following first and third stages. Av. rate 2 BPM. Av pres. 3275 psi. 15IP 2000 psi. 15 min SIP 900 psi. Swabbed back 120 bbls. Ending FL 2100'.
- 10/24/85. Found fluid @ 1800'. Swabbed 160 bbls. Released pkr. Circ off bottom. P00H.
- 10/25/85 Hydrotested in hole 2-3/8" tbg w/ Otis pkr. Set pkr @ 5245'. RDMO. Returned well to injection

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 CATHODIC PROTECTION

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 appropriate regulations.
See also space 17 below.)
At surface

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

9. WELL NO.
M-20

10. FIELD AND POOL, OR WILDCAT
GREATER ANETH

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 7, T41S, R25E, SLM

12. COUNTY OR PARISH
SAN JUAN

13. STATE
UTAH

14. PERMIT NO.
43-037-15511

15. ELEVATIONS (Show whether depth of well or depth of oil)
4549' GL GAS & MINING

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

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

(Other) Construct 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 of the well location. All construction will be confined to existing disturbed area of well location. Existing electrical power to the well will be used for this cathodic protection system.

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

SIGNED Clyde J. Bonally TITLE Sr. Regulatory Coordinator DATE 11/15/85
C. J. Bonally

(This space for Federal or State office use)

APPROVED BY Alton B. Fey TITLE Nic Manager DATE 11-3-85
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

copy 4
1-20-86

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 INJECTION WELL

2. NAME OF OPERATOR
MOBIL OIL CORP AS AGENT OF SUPERIOR OIL

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
660' FSL, 660' FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether of, FT. OR YDS.)
DF: 4558'

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

9. WELL NO.
M-20

10. FIELD AND POOL OR WILDCAT
GREATER ANETH

11. SEC., T., R., M., OR BLK. AND SURVEY OR ABBA
Sec 7, T41S, R25E

12. COUNTY OR PARISH 13. STATE
SAN JUAN UTAH

RECEIVED
JAN 15 1986
DIVISION OF OIL
GAS & MINING

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>
(Other) <input type="checkbox"/>	BEGIN CO2 INJECTION <input checked="" type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

This well is scheduled to begin CO2 injection during the First Qtr, 1986.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 1/20/86
BY: [Signature]

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

SIGNED [Signature] TITLE Sr Staff Op Engr DATE 1/10/86
U. C. Collins

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

Mobil Oil Corporation

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

May 14, 1986

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

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 OP	43-037-16352	14-20-603-370		96-004190
	I-25	SAN JUAN	UT	NE	NE	24-41S-24E	INJ OP	43-037-16353	14-20-603-370		96-004190
	J-11	SAN JUAN	UT	NW	SW	31-40S-25E	INJ OP	43-037-16354	14-20-603-372		96-004190
	J-13	SAN JUAN	UT	NW	NW	06-41S-25E	INJ OP	43-037-16355	14-20-603-372		96-004190
	J-15	SAN JUAN	UT	NW	SW	06-41S-25E	INJ OP	43-037-15954	14-20-603-372		96-004190
	J-17	SAN JUAN	UT	NW	NW	07-41S-25E	INJ OP	43-037-05595	14-20-603-263		96-004190
	J-19	SAN JUAN	UT	NW	SW	07-41S-25E	INJ OP	43-037-05550	14-20-603-263		96-004190
	J-21	SAN JUAN	UT	NW	NW	18-41S-25E	INJ OP	43-037-06547	14-20-603-263		96-004190
	K-14	SAN JUAN	UT	SE	NW	06-41S-25E	INJ OP	43-037-15956	14-20-603-372		96-004190
	K-18	SAN JUAN	UT	SE	NW	07-41S-25E	INJ OP	43-037-05583	14-20-603-263		96-004190
	K-20	SAN JUAN	UT	SE	SW	07-41S-25E	INJ OP	43-037-15503	14-20-603-263		96-004190
	K-22	SAN JUAN	UT	SE	NW	18-41S-25E	INJ OP	43-037-15504	14-20-603-263		96-004190
	K-22A	SAN JUAN	UT	SE	NW	18-41S-25E	INJ OP	43-037-30400	14-20-603-263		96-004190
	K-24	SAN JUAN	UT	SE	SW	18-41S-25E	INJ OP	43-037-05406	14-20-603-263		96-004190
	L-09	SAN JUAN	UT	NW	NE	31-40S-25E	INJ OP	43-037-16359	14-20-603-372		96-004190
	L-11	SAN JUAN	UT	NW	SE	31-40S-25E	INJ OP	43-037-15958	14-20-603-372		96-004190
	L-13	SAN JUAN	UT	NW	NE	06-41S-25E	INJ OP	43-037-15959	14-20-603-372		96-004190
	L-15	SAN JUAN	UT	NW	SE	06-41S-25E	INJ OP	43-037-15960	14-20-603-372		96-004190
	L-17	SAN JUAN	UT	NW	NE	07-41S-25E	INJ OP	43-037-05613	14-20-603-263		96-004190
	L-19	SAN JUAN	UT	NW	SE	07-41S-25E	INJ OP	43-037-05539	14-20-603-263		96-004190
	L-21	SAN JUAN	UT	NW	NE	18-41S-25E	INJ OP	43-037-05471	14-20-603-263		96-004190
	L-23	SAN JUAN	UT	NE	SE	18-41S-25E	INJ OP	43-037-15507	14-20-603-263		96-004190
	L-25	SAN JUAN	UT	NW	NE	19-41S-25E	INJ OP	43-037-15508	14-20-603-264		96-004190
	M-12	SAN JUAN	UT	SE	SE	31-40S-25E	INJ OP	43-037-15962	14-20-603-372		96-004190
	M-14	SAN JUAN	UT	SE	NE	06-41S-25E	INJ OP	43-037-15963	14-20-603-372		96-004190
	M-16	SAN JUAN	UT	SE	SE	06-41S-25E	INJ OP	43-037-15361	14-20-603-372		96-004190
	M-18	SAN JUAN	UT	SE	NE	07-41S-25E	INJ OP	43-037-15510	14-20-603-263		96-004190
	M-20	SAN JUAN	UT	SE	SE	07-41S-25E	INJ OP	43-037-15511	14-20-603-263		96-004190
	N-07	SAN JUAN	UT	NE-SW	29-40S-25E		INJ OP	43-037-05819	I-149-IND-8839-A		96-004190
	N-09	SAN JUAN	UT	NW	NW	32-40S-25E	INJ OP	43-037-15964	14-20-603-372		96-004190

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

Converted 1984

CO2

OPERATOR: MEPNA

FIELD: Greater Aneth

LEASE: McElmo Creek

WELL # M-20 (114-23) SEC. 7 TOWNSHIP 41S RANGE 25E

STATE FED. FEE DEPTH 5524 TYPE WELL INJ MAX. INJ. PRESS. 2800psi

Injectivity Profile
12/31/85

2000 BWPD

TEST DATE 10/22/86

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>	<u>13 3/8</u>	<u>121</u>	<u>137sx</u>	→	No gauge; opened but had no blow. Valve had been open prior to inspection	
<u>INTERMEDIATE</u>	<u>8 5/8</u>	<u>1287</u>	<u>950sx</u>			
<u>PRODUCTION</u>	<u>5 1/2</u>	<u>5522</u>	<u>350sx</u>	<u>10 #</u>		

<u>TUBING</u>	<u>2 7/8</u>	<u>?</u>		→	On vacuum 2000# behind choke	
---------------	--------------	----------	--	---	------------------------------	--

Packer at 5250'

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>						
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UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE

sent 4/2/87

SUNDRY NOTICES AND REPORTS ON WELLS

5. L. Designation And Serial No
14-20-603-263

6. Indian, Allottee Tribe Name
NAVAJO

7. Unit Agreement Name
McELMO CREEK UNIT

8. Farm Or Lease Name

9. Well No.
M-20

10. Field And Pool, Or Wildcat
GREATER ANETH

11. Sec., T., R.,
SEC. 7, T41S, R25E

12. County
SAN JUAN

13. State
UTAH

Oil Well Gas Well Other INJECTION WELL

Name Of Operator
MOBIL OIL CORP.

Address Of Operator
P. O. DRAWER "G", CERTEZ, CO. 81321

Location Of Well
660' FSL, 660' FEL

A. Permit No. 15. Elevation
DF: 4558'

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

Notice Of Intention To :		Subsequent Report Of :	
Test Water Shut-off <input type="checkbox"/>	Pull Or Alter Casing <input type="checkbox"/>	Water Shut-off <input type="checkbox"/>	Repairing Well <input type="checkbox"/>
Fracture Treat <input type="checkbox"/>	Multiple Complete <input type="checkbox"/>	Fracture Treatment <input type="checkbox"/>	Altering Casing <input type="checkbox"/>
Shoot Or Acidize <input type="checkbox"/>	Abandon <input type="checkbox"/>	Shooting Or Acidizing <input type="checkbox"/>	Abandonment <input type="checkbox"/>
Repair Well <input type="checkbox"/>	Change Plans <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) INCREASE OF INJECTION RATE <input checked="" type="checkbox"/>			

7. Describe Proposed Or Completed Operations

Mobil Oil Corporation requests that the maximum allowable injection rate for the subject well be increased from 2000 BPD to 4000 BPD. The subject well is part of the McElmo Creek Unit enhanced recovery project and the injection rate into is greater than initially projected.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 4/20/87
BY: [Signature]

RECEIVED
MAR 09 1987
DIVISION OF
OIL, GAS & MINING

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

Signed MC HARRIS Title Operations Engineer Date 3/3/87

Approved By _____ Title _____ Date _____

Conditions Of Approval If Any:

Mobil Oil Corporation

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

April 14, 1987

State of Utah Natural Resources
Division of Oil, Gas, & Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Ut. 84180-1203

RECEIVED
APR 20 1987

Attn: Gil Hunt
UIC Program Manager

DIVISION OF
OIL, GAS & MINING

Dear Sir:

In reply to your 17 March 1987 letter concerning raising the maximum injection pressure on three McElmo Creek Unit wells, the following calculations are provided:

Fracture gradient = 1.1 psi/ft
Most shallow injection interval > 5000 ft

Using worst case assumptions:

density of CO₂ @ 5000 psi = 53 #/ft³
density of Water = 1.1 (62.4) = 68.64 #/ft³
∴ gradient of CO₂ = .3678 psi/ft
gradient of H₂O = .4763 psi/ft

Bottomhole fracture pressure = 5000' * 1.1 psi/ft = 5500 psi

Bottomhole pressure for CO₂ injected @ 3200 psi surface pressure

3200 psi + 5000' * .3678 psi/ft = 5039 psi

Bottomhole pressure for H₂O injected at 3000 psi (maximum system pressure, equipment limited)

3000 psi + 5000' * .4763 psi/ft = 5382 psi

Bottomhole pressure for the injection of CO₂ and H₂O will be less than the fracture gradient under the worst case assumptions of static column of fluid, no friction loss, and injection pressures at the system maximum. In addition, all injection intervals are below 5000' which will give an additional factor of safety.

If you have questions concerning this matter, please contact M. C. Haun at 801/651-3676.

Sincerely,

T. M. Kuykendall

T. M. Kuykendall
Oper. Engineering Supervisor

MCH/mlc
7.01.25

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
14020-603-263

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

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

8. Well Name and No.
M-20

9. API Well No.
43-037-15511

10. Field and Pool, or Exploratory Area
GREATER ANETH

11. County or Parish, State

SAN JUAN, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other INJECTION

2. Name of Operator

MOBIL OIL CORPORATION

3. Address and Telephone No.

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

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

668 FSL, 660 FEL SEC.7, T41S, R25E

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

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

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

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

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

Date: 1-30-92

By: [Signature]

RECEIVED

JAN 27 1992

DIVISION OF
OIL GAS & MINING

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

Signed Shirley Todd SHIRLEY TODD Title ENVIRONMENTAL & REGULATORY TECH Date 1-17-92

(This space for Federal or State office use)

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

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

MIDLAND NORTH AT
PROPOSED WORKOVER PROCEDURE
M-20
MCELMO CREEK UNIT
SAN JUAN COUNTY, UTAH

November 13, 1991

Location: 660' FSL, 660 FEL, SE/SE SEC.7, T41S, R25E
Elevation: KB: 10'
Current Status: SI water injector.
Plan: DO to new PBTD. Dump bail resin on PBTD. Add pay and stimulate. Return well to water injection.
Pertinent Data: See attached wellbore diagram, well history sheet, and correlation log. Will go to 24 hr workover operation if necessary.

Procedure:

1. Net all workover pits and open tanks. Contact EPA representative in Farmington, NM. prior to perforating, acidizing, and MIT.
2. MIRU DDPU equipped for 24 hr service. ND wellhead and NU BOP's. Test pipe rams to 1000 psi for 10 minutes.
3. Close shut-off valve and release on/off tool. Circulate 10# brine kill fluid. Latch on/off tool and retrieve packer. POOH.
4. RIH w/ 4-3/4" bit + 5-1/2", 15.5# scraper + workstring and drill out to 5400'. POOH.
5. RU SCHLUMBERGER w/ lubricator + 4" HEG csg gun, 22.7 gram charges, 4 spf, 90 degree phasing. Correlate w/ gamma ray - collar locator and perforate as follows:

<u>ZONE</u>	<u>INTERVAL</u>	<u>NO HOLES</u>
Desert Creek II	5376'- 5396'	80
Desert Creek I	5294'- 5300'	24

RD SCHLUMBERGER.

6. RIH w/ pkr and 2-7/8" workstring to +/- 5370'. Set pkr and establish injection rate. Breakdown w/ 1000 gals 28% HCl + inhibitor if necessary. POOH.

7. RU KFE, Taft, CA., w/ 3-1/2" X 30' dump bailer. Dump bail phenolic resin. Volume of resin required is unknown. Make multiple runs dumping resin @ 5400' until a platform is established. Allow resin to gravity feed into perfs on each run and tag top to identify volume being taken. Once platform is established and perfs plug off, dump resin so top is at +/- 5370', original PBTB. NOTE: Catalyst in resin may need to be adjusted according to rate it feeds into perfs. Quick setting resin required initially, then slower resin after platform is established. Slower resin will allow better penetration.
8. MI CUDD and HALLIBURTON. NU BOP's for coiled tbg and pressure test to 3000 psi. NU Halliburton acid pumper to coiled tbg and pressure test lines to 3000 psi. RIH w/ 1-1/4" coiled tbg + perf wash tool. Reciprocate coiled tbg through perfs and wash w/ 3500 gals 15% SWIC acid + iron control for 2000 ppm iron + SCA1 + AS5 + micellar solvent + Hyflo IV. POOH. RDMO CUDD and HALLIBURTON.
9. PU 60' 2-3/8" STAR fiberglass tubing for tailpipe + 5-1/2" Baker inverted lok-set packer plastic coated internally + Baker model 'B' downhole shut-off valve + Baker 'HEL' on/off tool + +/- 5200' 2-7/8" fluorolined tubing equipped w/ Threadmaster torque ring. Make up tbg w/ Weatherford tong service, Farmington, NM. Make-up procedure is 1000 ft-lbs torque after ring shoulders. Drift tbg w/ 1.90" drift. Lubricate seal section of on/off tool w/ Baker tubing seal grease prior to running.
10. Set packer @ +/- 5220'. Energize packing elements and land in neutral position. Notify EPA 24 hrs in advance of MIT. Pressure test tbg/csg annulus to 1000 psi for 30 minutes. Record MIT w/ chart recorder, send copy to ER. Close valve, release on/off tool. Circulate packer fluid.
12. Latch on/off tool open valve. Hang well on. ND BOP's, NU wellhead. Place well back on water injection.

Approved: _____

Kenny Walters
OE supervisor

Wayne McPherson
Operations Engineer

FOR _____

JOB OR AUTH. NO. _____

LOCATION _____

PAGE _____

SUBJECT _____

DATE _____

BY _____

McELMO CREEK UNIT # M-20
CURRENT WELLBORE

660' FSL, 660 FEL
SE/SE Sec 7, T41S, R25E
SAN JUAN COUNTY, UT

121'

13 5/8", J-55

2-3/8", 8rd, J-55 1PC w/ TK-99 COATING.

1287'

8-5/8", 24#, J-55

TOL @ 3147'
(CALC)

ON/OFF TOOL @ 5220'. NO SHUT-OFF VALVE
HALLIBURTON TRUMP PKR @ 5225

5300' - 5318' DCI 2 SPF

5337' - 5364' DCI 2 SPF

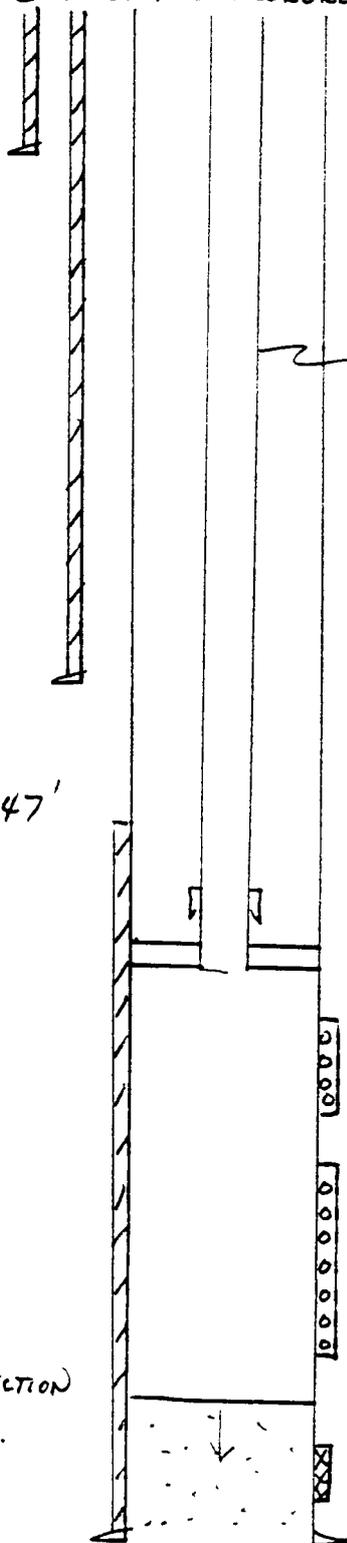
61% OF INJECTION
BELOW 5370'.

PBTD @ 5368'

5376' - 5420', 5439' - 5463', 5468' - 5476' DCII SQZ'D

5515'

5 1/2", 14# & 15.5#, J-55



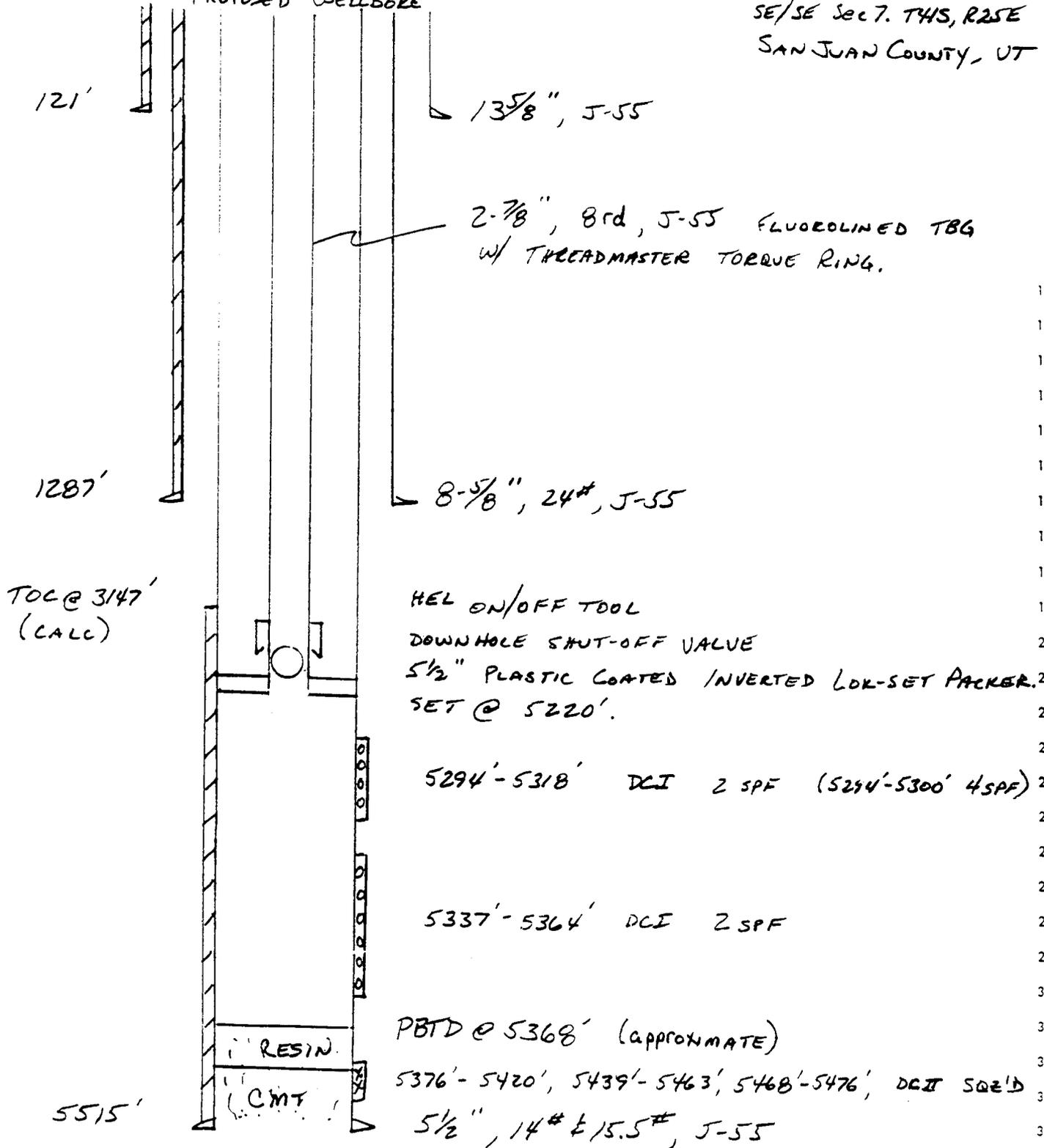
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FOR _____
 LOCATION _____
 SUBJECT _____

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

McELMO CREEK UNIT # M-20
 PROPOSED WELLBORE

660' FSL, 660 FEL
 SE/SE Sec 7. T4S, R25E
 SAN JUAN COUNTY, UT



McELMO CREEK UNIT #M-20
660' FSL, 660' FEL
SE SE Sec. 7, T41S, R25E
San Juan County, Utah

FIELD: Greater Aneth LEASE: McElmo Creek Unit
KP: 4559' DF: 4558' TD: 5524' PBD: ~~5488~~⁵³⁶³ GL: 4549' TLD: 9.00'
SPUDDED: 10-18-58 COMPLETED: 12-1-58 CONVERTED: 1-6-84
PAY ZONE: Desert Creek Zones I
PERFS: Zone 1 5300-18', 5337-64' (2 Jets/ft.)

CASING: 13 5/8" J-55, 8R w/ 137 Sxs reg & 2% cc 111' 121' ✓
8 5/8" 24# J-55 8R w/ 950 Sxs Pozmix 1278' 1287' ✓
5 1/2" 14 & 15.5# J-55 8R w/ 350 Sxs Pozmix 156' (15.5#) 5521' 0-156 15.5
5359' (14#) 5559-5359 14
5515' 5359-5515 1.

TUBING: ¹⁷¹ ~~163~~ joints 2-3/8", 4.70# J55 8RD EUE ~~547400~~ w/TR 99 ~~547400~~ TTR @ 522
PACKERS: ^{HARRISON TRUMP} ~~5523~~ packer with on/off tool ^{w/ ANKER 1.81 NIP FILE} ~~5523~~ 55220

INJ EQUIP:

REMARKS: ~~SMALL CASING LEAK~~ TBC. Landed on DONUT

WELLHEAD: ~~5" Ser. 600 Cameron Type F. Tbg landed on National "J" Support.~~ GEO-CALTEX 55 Flanged, 11 x 5 1/2 x 2000" x 7 1/4
w/ 2 3/8 TBC DONUT

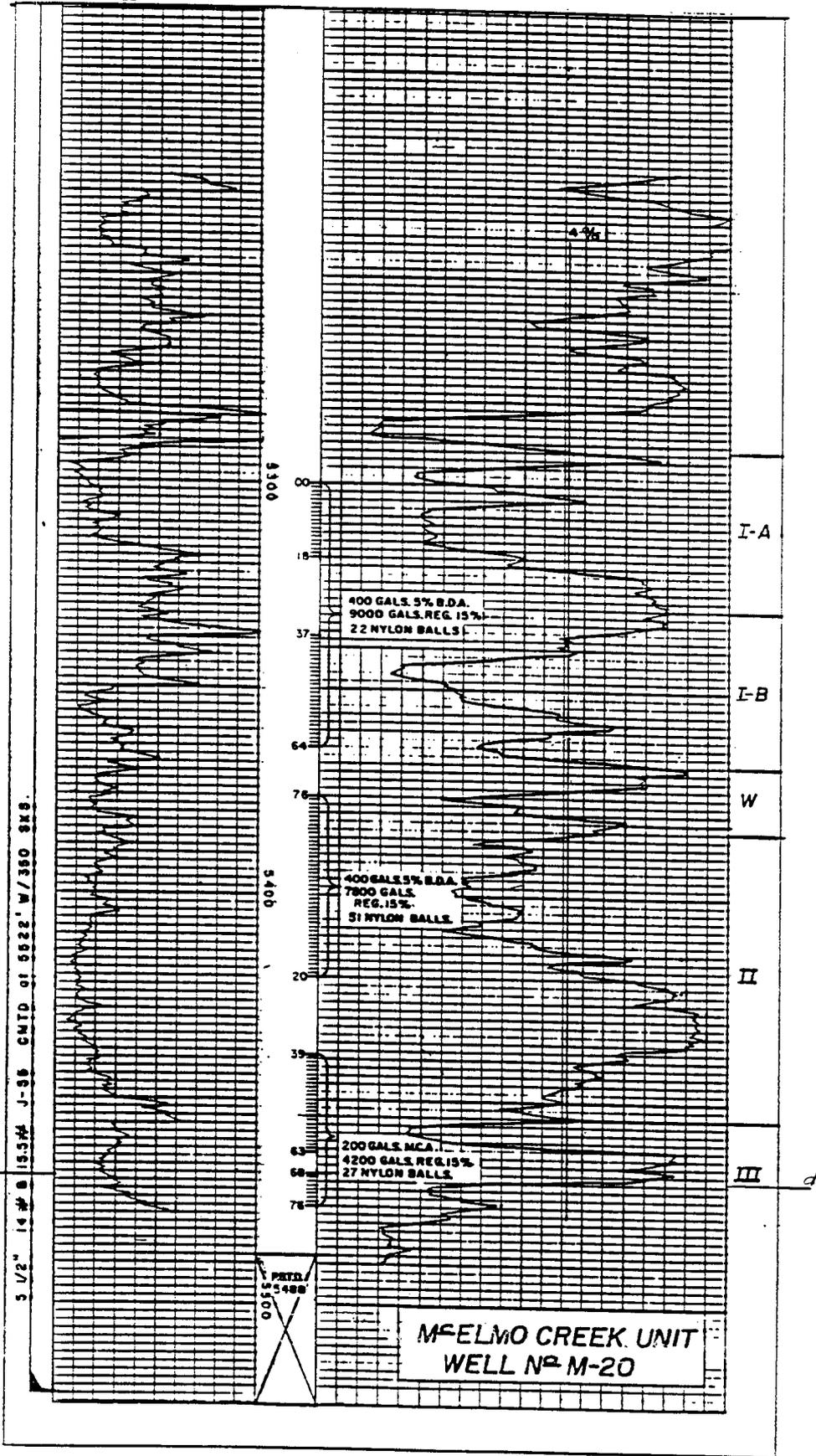
- 11- -58 Treated perfs individually w/ total of 21,000 gal 15% reg acid & nylon balls.
- 11-30-71 Stimulated Zone 1 perfs 5300-18' w/ 4000 gal 28% acid, Pumped without pressure, ISIP 0#.
- 3-24-77 Replaced seating nipple, anchor & pumping "T".
- 2-24-78 C/O 2 tubing joints and tubing anchor.
- 3-27-80 Replaced tubing anchor and seating nipple.
- 10-6-84 Squeezed all perfs (5300-18', 5337-64', 5376-5420', 5439-63', 5468-76')
- 10-8-84 Perforated D.C. I w/ 2 JSPF @ 5300-18', 5337-64' (94 holes, .43")
- 10-12-84 RIH w/ injection pkr and injection string set pkr @ 5243.
- 10-25-85 Converted to CO2 Injection. Squeezed all perfs, drilled out to 5370' perf'd DCI 5300-18, 5337-64, Acidized.

3-3-87 HOPE IN 159th JT. w/ 2 JTS. TBC + TOP NIPPLE OF ON/OFF TOOL. HYDRO-TESTED IN HOPE.
5/27/86

1-20-89 Drilled out FILL FROM 5360 TO 5363 w/ PKR. + TBC. STING. HOLES IN 20-27 + 35th JTS.

7-17-90 COHAR LEAK ON TOP OF 39th JT. w/ ALL COHARS. RAN COHARS w/ PLASTIC COATING IN "J" AREA.

11-30-71: Isolated perf's 5300-18' &
 Treated w/4000 gals 28% acid in
 2 stages w/300 gal Unibead Moth-
 ball plug between stages



McELMO CREEK UNIT
 THE SUPERIOR OIL CO. OPERATOR

SE SE SEC. 7, T41S, R25E.
 SAN JUAN COUNTY, UTAH.

ELEV 4559' T.D. 5524'

REV: 2-24-72

Well No. M-20

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
14-20-603-263

6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

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

8. Well Name and No.
M-20

9. API Well No.
43-037-15511

10. Field and Pool, or Exploratory Area
GREATER ANETH

11. County or Parish, State
SAN JUAN, UTAH

SUBMIT IN TRIPLICATE

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

2. Name of Operator
MOBIL OIL CORPORATION

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FSL, 660' FEL, SEC. 7, T41S, R25E

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

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

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

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

SEE ATTACHMENT

Accepted by the State
of Utah Division of
Oil, Gas and Mining
Date: 1-30-92
By: [Signature]

RECEIVED
JAN 27 1992
DIVISION OF
OIL GAS & MINING

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

Signed Shirley Todd SHIRLEY TODD Title ENVR. & REG. TECH Date 1-23-91

(This space for Federal or State office use)

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

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.

PROPOSED WORKOVER PROCEDURE
McELMO CREEK UNIT
L-25
SAN JUAN COUNTY, UTAH

LOCATION: NW/NE Sec. 19, T41S, R25E, 660' FNL, 1980' FEL
ELEVATION: KB: 4480' GL: 4470'
CURRENT STATUS: Edge WAG injection well injecting 140 BWPD when SI.

PLAN: Build new location. RU and POOH w/ injection equipment. Test casing for leak and repair if necessary. Clean out fill and wash perfs w/ coiled tbg. RIH w/ fluorolined tbg equipped w/ threadmaster torque rings, new shut-off valve, and redressed packer and on/off tool. Return well to water injection and run injection profile after well has stabilized.

PERTINENT DATA: See cover page, well history sheets, wellbore diagram, and porosity log. Snubbing may be necessary due to current CO2 injection in the K-24. Also note specific procedures for dressing on/off tool prior to running.

PROCEDURES:

- 1) Net all workover pits and open tanks. If blowing back CO2, make sure no entrained oil is present and preferably blow back to tank and monitor drift of CO2 cloud. Notify EPA prior to performing casing work and MIT.
- 2) MI dirt equipment and build new location. Install deadmen.
- 3) MIRU DDPU w/ a minimum of 96' derrick. Pump 50 bbls 10# brine water down tbg to kill well. If well won't die, RU slickline and RIH w/ 1.81 type F blanking plug and set in profile nipple @ 5154'. Bleed off pressure. ND wellhead, NU 7-1/16", 5000 psi WP BOP's w/ 2-3/8" pipe rams on top and blind rams on bottom. Ensure BOP's have been tested and certified. Install all bolts on BOP's and ensure accumulator properly operates rams. NOTE: If 10# brine will not kill well, contact engineering for snubbing procedures.
- 4) MI Baker service hand. Release pkr and POOH w/ tbg/equipment laying down 2-3/8", 8rd, J-55 tbg internally plastic coated w/ Spincote 851. Send packer and on/off tool to Baker shop and have hydrotested before tearing down. Report results to engineering.
- 5) Change out pipe rams to 2-7/8". PU and RIH w/ 4-3/4" bit + scraper for 5-1/2", 14# csg + 2-7/8" workstring. Make run to +/- 5280'. POOH. RIH w/ 4-3/4" bit + 2-7/8" workstring and clean out to PBTB @ 5428'. Use bailer w/ bit if circulation cannot be established while cleaning out perfs. POOH.

- 6) PU and RIH w/ rbp + pkr on 2-7/8" workstring. Set rbp @ +/- 5280'. Set pkr @ +/- 5270' and pressure test rbp to 1000 psi. Release pkr and PUH to 2640'. Set pkr and pressure test casing to 1000 psi down tbg and annulus for a minimum of 12 hrs. If more than 100 psi leak-off occurred, RIH w/ pkr to 4780'. Set pkr and pressure test casing through tbg to 1000 psi for 30 minutes. Bleed off pressure. Pressure test cag through annulus to 1000 psi for 30 minutes. Bleed off pressure. Continue moving pkr up hole until leak has been found and isolated.
- 7) If all casing pressure tests to 1000 psi, retrieve rbp and POOH. If casing leak exists, isolate w/ rbp w/ sand on top and pkr w/ 60' tailpipe. RU DS. Squeeze w/ 150 sx class 'G' cmt + 1.8 g/sk D600 additive + viscous fluid additive for spacer. Squeeze as follows:
 - a) establish rate
 - b) spot cement to squeeze interval
 - c) pump 30 bbls (150 sx) at .5 - 1.0 bpm, use viscous spacer between slurry and displacement water.
 - d) hesitate cement after 15 bbls slurry gone, max squeeze pressure = 500 psi.
 - e) if squeeze is not obtained, overflush w/ 10 bbls and repeat above procedure.RIH w/ 4-3/4" bit + 5-1/2", 14# scraper + stabilizers + 2-7/8" workstring and drill out cement. Pressure test squeeze to 1000 psi for 30 minutes. POOH.
- 8) PU and rih w/ Baker inverted lok-set packer + shut-off valve + on/off tool +/- 170 jts 2-7/8" fluorolined tbg equipped w/ threadmaster torque rings. NOTE: Apply Baker tbg seal grease to seal section of on/off tool before running. On/off tool skirt minimum OD should be 4.5". Make-up tbg w/ Cyclone services tongs. Make-up requirements are engage torque ring w/ pin end (100 - 400 ft-lbs used tbg, 1000 - 1400 ft-lbs new tbg) and apply an additional 1000 ft-lbs torque onto ring.
- 9) Set packer @ +/- 5250' in neutral position. Pressure test annulus to 1000 psi for 30 minutes. Have EPA representative witness test and record chart of test, send to engineering.
- 10) If fill covered up perforations, RU Cudd w/ 1.25" coiled tbg and perf wash tool. RU Halliburton and wash perms w/ water and 5g/1000g FR28 additive. POOH and RD Cudd and Halliburton.

- 11) Get off on/off tool and close valve. Circulate packer fluid. ND
BOP's, NU wellhead. Return well to water injection and run
profile after injection stabilizes.

Approved:

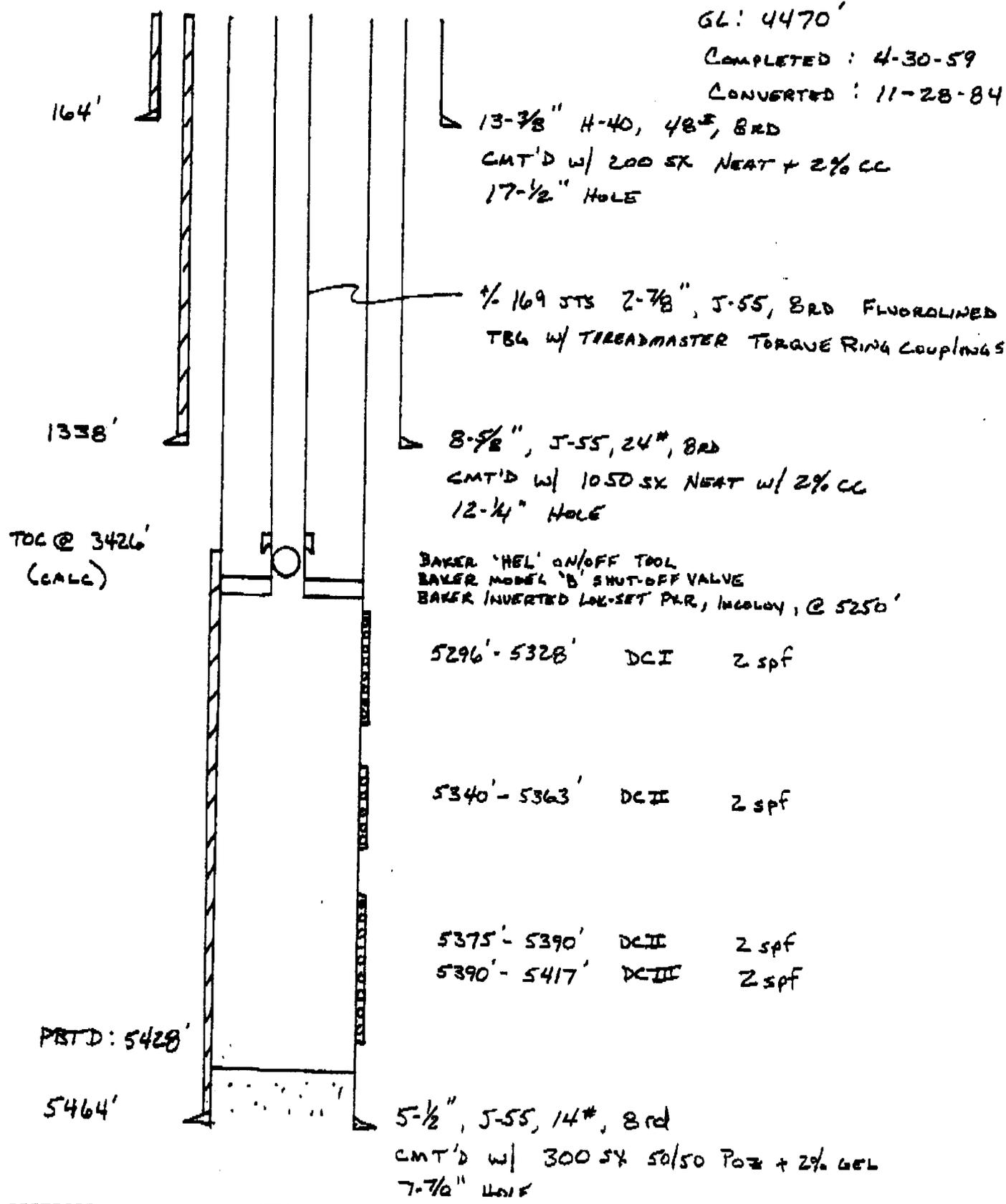
K.W. Walters
OE Supervisor

T.W. McPherson
Operations Engineer

FOR MCCLMO CREEK UNIT L-25
 LOCATION NW/NE SEC 19, T41S, R25E
 SUBJECT SAN JUAN COUNTY, UTAH
CURRENT / (PROPOSED) WELLBORE

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

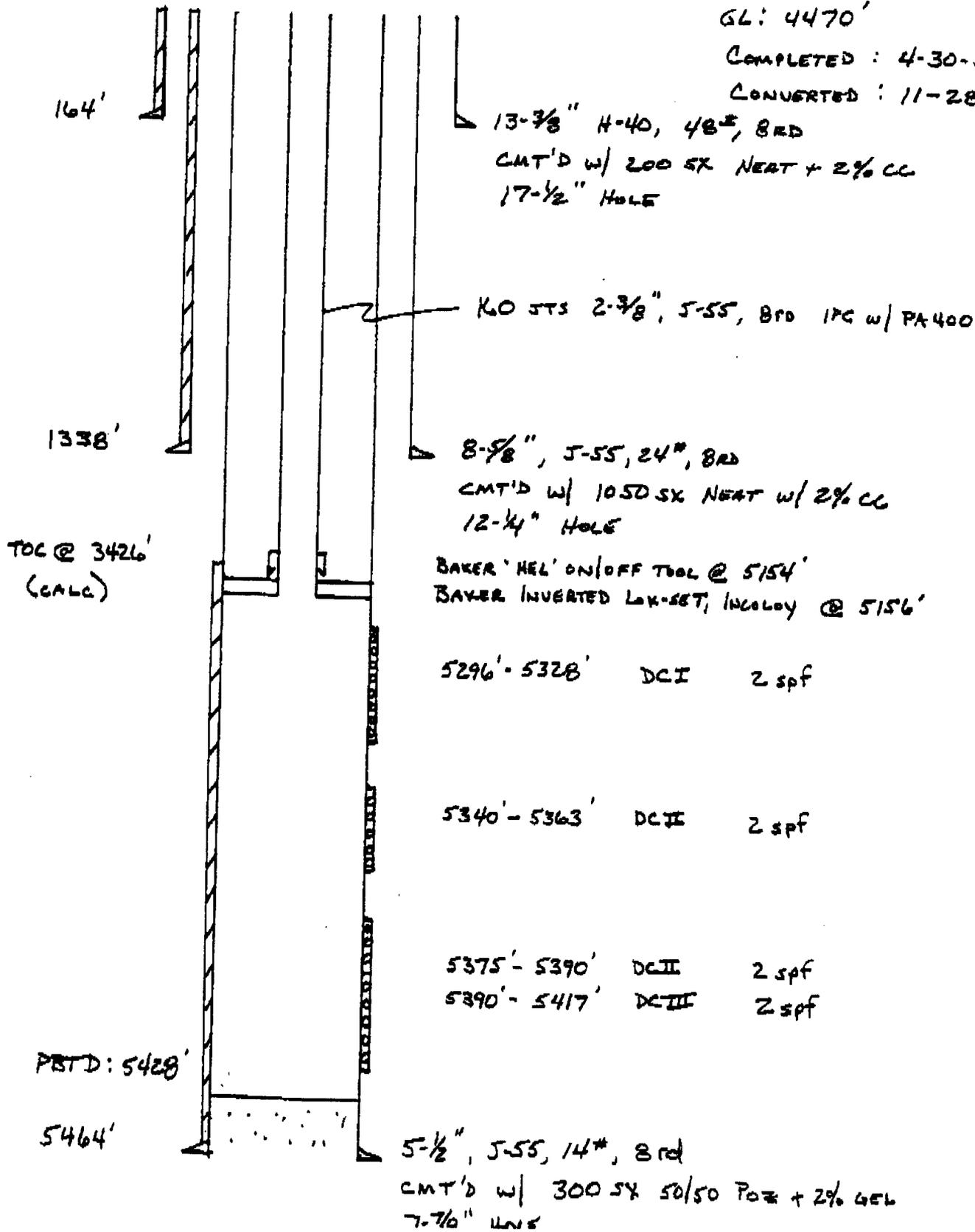
KB: 4480'
 GL: 4470'
 COMPLETED : 4-30-59
 CONVERTED : 11-28-84



FOR MCELMO CREEK UNIT L-25
 LOCATION NW/NE SEC 19, T41S, R25E
 SUBJECT SAN JUAN COUNTY, UTAH
(CURRENT) / PROPOSED WELLBORE

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

KB: 4480'
 GL: 4470'
 COMPLETED : 4-30-59
 CONVERTED : 11-28-84



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other **INJECTION**

2. Name of Operator

MOBIL OIL CORPORATION

3. Address and Telephone No.

P.O. BOX 633, MIDLAND, TX 79702

(915) 688-2585

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

660' FSL, 660' FEL, SEC. 7, T41S, R25E

5. Lease Designation and Serial No.

14-20-603-263

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

McELMO CREEK UNIT

8. Well Name and No.

M-20

9. API Well No.

43-037-15511

10. Field and Pool, or Exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN, UTAH

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

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

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

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

SEE ATTACHMENT

RECEIVED

JAN 03 1994

DIVISION OF
OIL, GAS & MINING

ACCEPTED BY THE STATE
OPERATIONAL UNIT
COLUMBIA, MISSISSIPPI

DATE: 1-5-94
BY: *JM Matthews*

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

Signed *S. Bauer for* SHIRLEY TODD Title ENVR. & REG. TECH Date 12/29/93

(This space for Federal or State office use)

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

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

McElmo Creek Unit M-20
Workover Procedure

1. Dig, line and fence a 100+ bbl earth pit. MIRU coiled tubing unit with 1-1/4" coiled tubing. MI Standby Safety Services (303/565-6391) having 5 Scott 30 minute airpicks, five minute escape packs for all coiled tubing/acid stimulation crew, personal H2S monitors for all personnel on location, and one safety man. Acid stimulation company to provide eye wash station. Hook up coiled tubing to water injection line. Lay flow line from wing valve to a choke manifold having two adjustable chokes. Lay flowline from choke manifold to earth pit. Stake and chain flowline down. PT coiled tubing to 6000 psi using injection water.
2. RIH with 1-1/4" coiled tubing with perforation wash nozzle and CO to PFTD at 5375' using injection water at maximum circulating rate at maximum circulating pressure of 5000 psi. If unable to CO fill using injection water, attempt to clean out fill using 10 bbl of 15 percent HCL acid containing 2 gals/mgals corrosion inhibitor, and 10 lbs/mgals iron sequestering agent, neutralizing any unspent acid that returns to pit. If unsuccessful in cleaning well out, POH, RIH with 1-3/4" dynadrill on 1-1/4" coiled tubing and drill out fill. POH.
3. MIRU wireline unit with lubricator. RIH with 1-11/16" GR/CCL and log from PFTD through injection packer. POH. Turn off all radios/cellular telephones on location and post warning signs for radio/cellular telephone silence at all roads within 100 yards of location. RIH with 1-11/16" magnetically decentralized hollow steel carrier perforating guns loaded with 3.2 gram RDX charges at 4 SPF, 0 degree phasing and perforate 5294'-5320' and 5337'-5365'. POH. RDMD wireline.
4. RU coiled tubing. Pickle coiled tubing with 3 bbls of 15 percent HCL acid, reverse out to pit and neutralize. RIH with 1-1/4" coiled tubing with perforation wash nozzle and spot 5 bbls of xylene across perforations. Let soak for 1 hour. Displace with fresh water. Wash perforations without taking returns using 2 bbls/ft of 15 percent HCL acid. NOTE: All acid pumped into well to contain 2 gals/mgals corrosion inhibitor, and 10 lbs/mgals iron sequestering agent. Pump rate should be maximum injection rate at 5000 psi surface injection pressure. Overdisplace acid using fresh water. POH. RDMD coiled tubing unit and all surface equipment.
5. Pump out and backfill pit. Turn well over to production leaving well shut in.

ENGINEERS CALCULATION SHEET

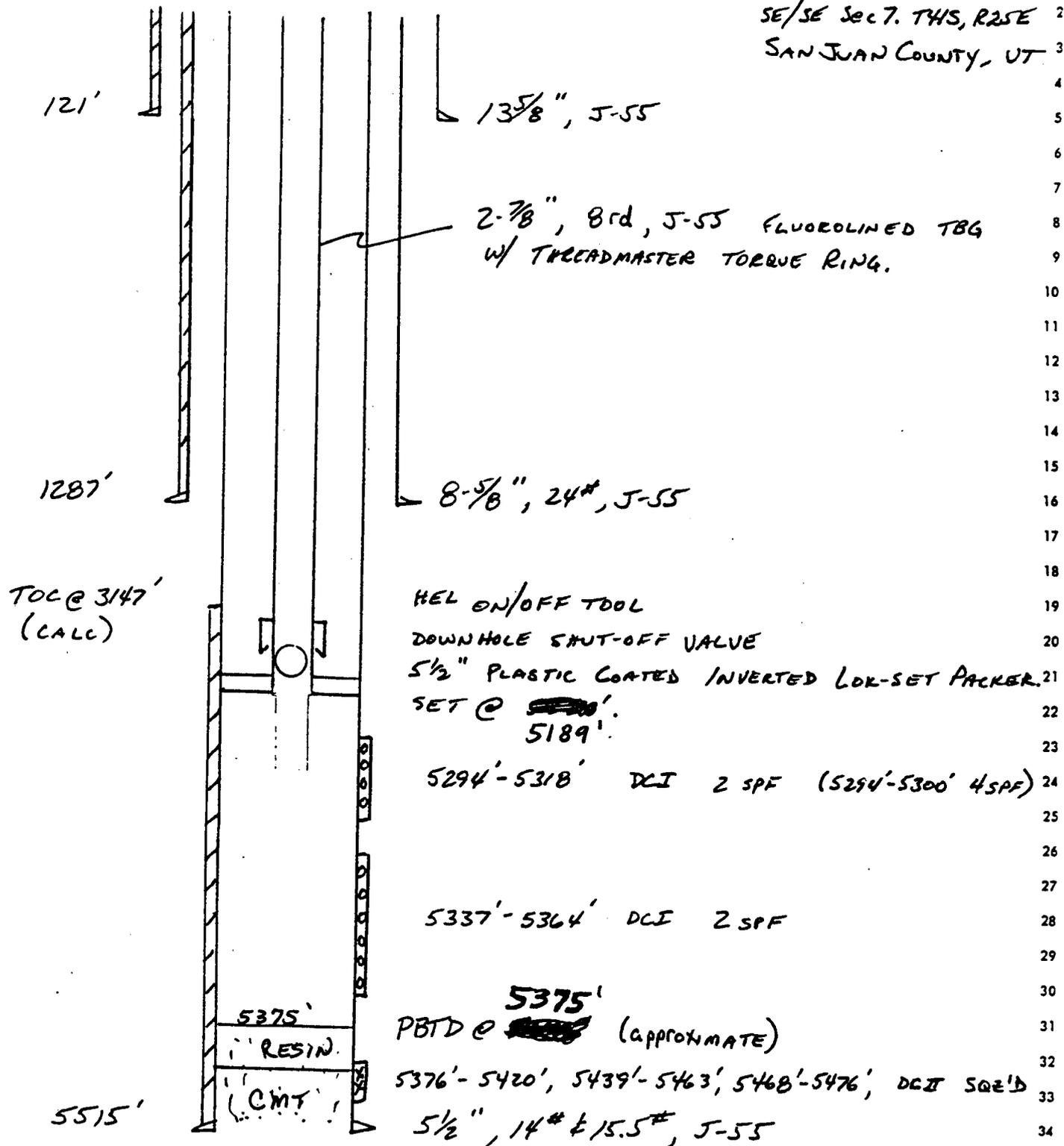
CO-189 (1-81)

FOR _____
 LOCATION _____
 SUBJECT _____

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

EXISTING
 McELMO CREEK UNIT # M-20

660' FSL, 660 FEL
 SE/SE Sec 7. T4S, R25E
 SAN JUAN COUNTY, UT



13 5/8", J-55

2-7/8", 8rd, J-55 FLUOROLINED TBG
 W/ THREADMASTER TORQUE RING.

8 5/8", 24#, J-55

HEL ON/OFF TOOL

DOWNHOLE SHUT-OFF VALVE

5 1/2" PLASTIC COATED INVERTED LOK-SET PACKER.

SET @ ~~5189'~~
 5189'

5294'-5318' DCI 2 SPF (5294'-5300' 4SPF)

5337'-5364' DCI 2 SPF

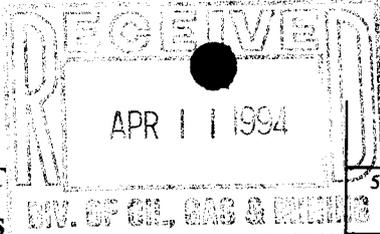
5375'
 PBD @ ~~5375'~~ (approximate)

5376'-5420', 5439'-5463', 5468'-5476', DCI SQE'D

5 1/2", 14# & 15.5#, J-55

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35

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

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

MOBIL EXPLORATION & PRODUCING US, AS AGENT FOR MOBIL OIL CORPORATION

3. Address and Telephone No.

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

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

660' FSL, 660' FEL; SEC. 7, T41S, R25E

5. Lease Designation and Serial No.
N/A

6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

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

8. Well Name and No.
MCELMO CREEK UN M-20

9. API Well No.
43-037-15511

10. Field and Pool, or exploratory Area
GREATER ANETH

11. County or Parish, State
SAN JUAN UT

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

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

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

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

03-07-94 MIRU. PERF AT 5294 - 5320', 5337-65' W/6 SPF. RDMO. WILL ACIDIZE WHEN CTU IS AVAILABLE.

03-14-94 MIRU. SPOT 5 BBLS XYLENE ACROSS PERFS 5294 - 5320, 5337-65'. ACDZ PERFS 5339-65.

03-15-94 ACDZ PERFS W/108 BBLS 15% HCL + ADDITIVES. RDMO.
0

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

Signed D. Davis for Shirley Todd Title ENV. & REG. TECHNICIAN

Date 04/04/94

(This space for Federal or State office use)

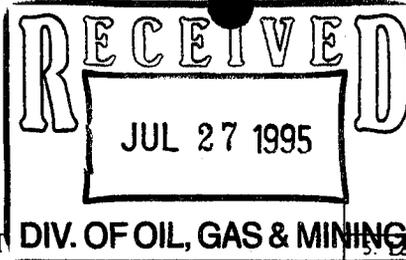
Approved by _____ Title _____

Date tax credit
8/8/94

Conditions of approval, if any:

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



FORM APPROVED
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Expires: March 31, 1993

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14-20-603-263

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 M-20

9. API Well No.

43-037-15511

10. Field and Pool, or Exploratory Area

Greater Aneth

11. County or Parish, State

San Juan, UT

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well

Gas Well

Other

Injector

2. Name of Operator

MOBIL OIL CORPORATION

3. Address and Telephone No.

P.O. BOX 633, MIDLAND, TX 79702

(915)688-2585

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Sec. 7, T41S, R25E

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TYPE OF SUBMISSION

Notice of Intent

Subsequent Report

Final Abandonment Notice

TYPE OF ACTION

Abandonment

Recompletion

Plugging Back

Casing Repair

Altering Casing

Other MIT Failures

Change of Plans

New Construction

Non-Routine Fracturing

Water Shut-Off

Conversion to Injection

Dispose Water

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

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

MIT Failure due to mechanical or casing leak. A procedure will be submitted if the well has a casing leak

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

Signed Shuley Robertson

Title Environmental + Reg Technician Date 7-22-95

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any: _____

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File _____

(Location) Sec ___ Twp ___ Rng ___
(API No.) _____

Suspense
(Return Date) _____
(To - Initials) _____

Other
OPER NM CHG _____

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

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

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

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

4. Highlights of Conversation: _____

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

Mobil Oil Corporation

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

May 14, 1986

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

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

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:	
1-LEC	7-PL
2-LWP	8-SJC
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 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 (303) <u>564-5212</u>	phone (303) <u>564-5212</u>
account no. <u>N7370</u>	account no. <u>N7370</u>

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

Name: <u>** SEE ATTACHED **</u>	API: <u>039-15511</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____
- N/A 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- Lee 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
- Lee 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)
- Lucas 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* *OTS* *8/5/95* 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.
- 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 WIC F5/Not necessary!

STATE OF UTAH
INVENTORY OF INJECTION WELLS

OPERATOR	API NO.	WELL	TNS	RGE	SE	WELLTYPE	INDIAN COUNT
*****	*****	*****	***	***	**	*****	*****
✓MEPNA (MOBIL	43-037-30974	G-21A	41S	24E	13	INJW	Y
✓MEPNA (MOBIL	43-037-16344	E-23	41S	24E	14	INJW	Y
✓MEPNA (MOBIL	43-037-16343	E-21	41S	24E	14	INJW	Y
✓MEPNA (MOBIL	43-037-16353	I-25	41S	24E	24	INJW	Y
✓MEPNA (MOBIL	43-037-16349	G-25	41S	24E	24	INJW	Y
✓MEPNA (MOBIL	43-037-16384	V-15	41S	25E	3	INJI	Y
✓MEPNA (MOBIL	43-037-16383	V-13	41S	25E	3	INJW	Y
✓MEPNA (MOBIL	43-037-16157	U-16	41S	25E	4	INJW	Y
✓MEPNA (MOBIL	43-037-16148	R-13	41S	25E	4	INJW	Y
✓MEPNA (MOBIL	43-037-16149	R-15	41S	25E	4	INJW	Y
✓MEPNA (MOBIL	43-037-16378	T-13	41S	25E	4	INJW	Y
✓MEPNA (MOBIL	43-037-16379	T-15	41S	25E	4	INJW	Y
✓MEPNA (MOBIL	43-037-16156	U-14	41S	25E	4	INJW	Y
✓MEPNA (MOBIL	43-037-16152	S-16	41S	25E	4	INJW	Y
✓MEPNA (MOBIL	43-037-16151	S-14	41S	25E	4	INJW	Y
✓MEPNA (MOBIL	43-037-16365	O-14	41S	25E	5	INJW	Y
✓MEPNA (MOBIL	43-037-15969	O-16	41S	25E	5	INJW	Y
✓MEPNA (MOBIL	43-037-16363	N-15	41S	25E	5	INJW	Y
✓MEPNA (MOBIL	43-037-15966	N-13	41S	25E	5	INJW	Y
✓MEPNA (MOBIL	43-037-15975	Q-16	41S	25E	5	INJW	Y
✓MEPNA (MOBIL	43-037-15974	Q-14	41S	25E	5	INJW	Y
✓MEPNA (MOBIL	43-037-15972	P-15	41S	25E	5	INJW	Y
✓MEPNA (MOBIL	43-037-16368	P-13	41S	25E	5	INJW	Y
✓MEPNA (MOBIL	43-037-15960	L-15	41S	25E	6	INJI	Y
✓MEPNA (MOBIL	43-037-16355	J-13	41S	25E	6	INJW	Y
✓MEPNA (MOBIL	43-037-15959	L-13	41S	25E	6	INJW	Y
✓MEPNA (MOBIL	43-037-15963	M-14	41S	25E	6	INJI	Y
✓MEPNA (MOBIL	43-037-15957	K-16	41S	25E	6	INJI	Y
✓MEPNA (MOBIL	43-037-15954	J-15	41S	25E	6	INJI	Y
✓MEPNA (MOBIL	43-037-15956	K-14	41S	25E	6	INJW	Y
✓MEPNA (MOBIL	43-037-16361	M-16	41S	25E	6	INJW	Y
✓MEPNA (MOBIL	43-037-15498	J-17	41S	25E	7	INJW	Y
✓MEPNA (MOBIL	43-037-15511	M-20	41S	25E	7	INJW	Y
✓MEPNA (MOBIL	43-037-15510	M-18	41S	25E	7	INJW	Y
✓MEPNA (MOBIL	43-037-15505	L-19	41S	25E	7	INJW	Y
✓MEPNA (MOBIL	43-037-16360	L-17	41S	25E	7	INJW	Y
✓MEPNA (MOBIL	43-037-15503	K-20	41S	25E	7	INJW	Y
✓MEPNA (MOBIL	43-037-16357	K-18	41S	25E	7	INJW	Y
✓MEPNA (MOBIL	43-037-16356	J-19	41S	25E	7	INJW	Y
✓MEPNA (MOBIL	43-037-15519	P-17	41S	25E	8	INJW	Y
✓MEPNA (MOBIL	43-037-15515	N-19	41S	25E	8	INJW	Y
✓MEPNA (MOBIL	43-037-15514	N-17	41S	25E	8	INJW	Y
✓MEPNA (MOBIL	43-037-15520	P-19	41S	25E	8	INJW	Y
✓MEPNA (MOBIL	43-037-15517	O-18	41S	25E	8	INJW	Y
✓MEPNA (MOBIL	43-037-16373	R-19	41S	25E	9	INJW	Y
✓MEPNA (MOBIL	43-037-15976	R-17	41S	25E	9	INJI	Y
✓MEPNA (MOBIL	43-037-16380	T-17	41S	25E	9	INJW	Y
✓MEPNA (MOBIL	43-037-16374	R-21	41S	25E	16	INJW	Y
✓MEPNA (MOBIL	43-037-31439	P-23A	41S	25E	17	INJW	Y
✓MEPNA (MOBIL	43-037-15516	N-21	41S	25E	17	INJW	Y
✓MEPNA (MOBIL	43-037-16369	P-21	41S	25E	17	INJW	Y
✓MEPNA (MOBIL	43-037-16364	N-23	41S	25E	17	INJW	Y
✓MEPNA (MOBIL	43-037-15507	L-23	41S	25E	18	INJW	Y

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
14-20-603-263

6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

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

8. Well Name and No.
M-20

9. API Well No.
43-037-15511

10. Field and Pool, or exploratory Area
GREATER ANETH

11. County or Parish, State
SAN JUAN UT

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other INJECTOR

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FSL, 660' FEL
SEC 7, T41S, R25E

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

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

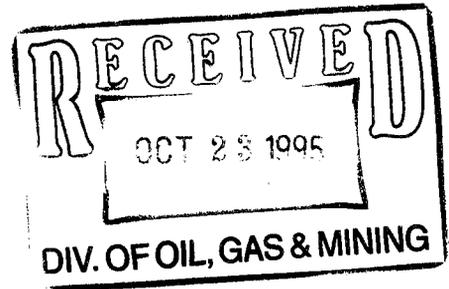
TYPE OF ACTION

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

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

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

SEE ATTACHED PROCEDURE



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

Signed Shuley Robertson Title ENV. & REG TECHNICIAN Date 10-18-95

(This space for Federal or State office use)

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

Accepted by the
Utah Division of
Oil, Gas and Mining

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

* See Instruction on Reverse Side

FOR RECORD ONLY

MEPUS, FOUR CORNERS AREA
WORKOVER PROGRAM

FIELD: Greater Aneth
LEASE: McElmo Creek Unit
AFE: SAR2 for #135M 8/8ths

DATE: 20 SEPT 1995
WELL: M-20
PRISM ID #: 0000314

LOCATION: 660'FSL,660'FEL, SEC. 7-T41S-R25E

ELEVATION: 4559' RKB
PBSD: 5375 FT. MD.

TOTAL DEPTH: 5515 FT. MD.

WORKOVER RIG: BIG A

WORKOVER FLUID: 10 ppg brine

EXISTING PERFS: 5294'-5320', 5337'-5365' 6 SPF

PROPOSED PERFS: SAME AS EXISTING

LAST INJECTION RATE: 3/SEPT/95: 1019 BWPD at 2200 psi

PROPOSED WORK: Pull and lay down 2-7/8", 6.5 lb/ft J-55 EUE 8rd fluoro-lined injection tubing, PU 2-7/8" EUE 8rd workstring, retrieve Baker packer, on/off tool, and downhole shut off valve, clean well out using bit and scraper to PBSD at 5375', run GR/METT/CCL log, FT and squeeze casing as necessary, set a wireline set, tubing retrievable packer, complete well with a latching seal assembly using used 2-7/8", 6.5 lb/ft J-55 EUE 8rd KCTS fluoro-lined tubing.

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

JUSTIFICATION: The M-20 failed mechanical integrity testing and was shut in as required by the EPA. This well directly supports 139 BOPD of a total pattern production of 478 BOPD which will be lost if this work is not completed.

PREPARED BY: S. S. MURPHY

Distribution: E. T. Barber - Aneth
T. M. Kuykendall - Cortez
T. Cochrane - Cortez
W. F. Hannes - 1033 MOB
G. D. Cox - 1103 MOB

S. A. Robertson - 1046 MOB
Aneth Files
Cortez Files

McElmo Creek M-20
Workover Procedure

1. Lock and tag out all power sources. RU pump and pump lines to christmas tree. Bullhead 50 bbls of 10 ppg brine into well. Observe well the next day to confirm if well is dead.
2. MI workover rig having 108' derrick. Bleed off casing pressure. Unbolt tree and PU 20,000 lbs tension and rotate 1 turn to the left to close downhole shut off valve. If well is not dead, bleed off tubing pressure to confirm downhole shut off valve is closed. If downhole shut off valve will not hold, set a 1.81" plug in the F profile in the on/off tool using slickline.
3. Release on/off tool. ND tree. NU and PT BOP's to 3000 psi high and 250 psi low. Circulate hole to 10 ppg brine. PT casing to 1000 psi for 30 minutes (5 percent or less leakoff is acceptable). POH laying down injection tubing. Use open rotary type tongs with backup on collar (Do not use Foster type closed rotary tongs). Install thread protectors while laying down tubing. Send injection tubing to Permian Enterprises in Odessa, Texas for inspection/repair. Send tree to Big Red Tool, Farmington for inspection and replacement of AB modified teflon seal ring in bottom of tree. Have tree returned in time for use on this well.
4. If well was not dead, RU snubbing unit. PU and RIH with 2-7/8" J-55 EUE 8rd workstring and on/off tool skirt. Release Baker inverted Lok-Set packer at 5189 and POH. RIH with 4-3/4" rock bit without nozzles and casing scraper for 5-1/2", 15.5 lb/ft casing on 2-7/8" workstring and CO to PBD at 5375' EL. POH. NOTE: Space casing scraper out to not enter top perforation at 5294'.
5. If 5-1/2" casing failed to PT in Step No. 3, RIH with squeeze packer and locate casing leak. POH. RIH with squeeze packer, 2 jts of 2-3/8" tailpipe and RPB. Set RBP +/- 100' below leak. Set squeeze packer below leak and PT RBP to 2000 psi. Dump 200 lbs of 20/40 sand down workstring slowly and pump to bottom. Wait 1 hour for sand to fall. Reverse out workstring. RIH and tag top of sand to confirm +/- 10' of sand on top of RBP. PU and set tubing tail +/- 50' above location of leak. Set squeeze packer and space out with 15,000 lbs weight on squeeze packer. Pressure backside to 1000 psi and monitor. Establish injection rate of 1-2 BPM using 10 ppg brine at maximum surface injection pressure of 2500 psi. Mix and pump 5 bbls of fresh water spacer, 100 sxs of class B standard cement containing 2 percent CaCl₂, followed with 5 bbls fresh water spacer and 10 ppg brine.
6. Displace top of slurry to end of tailpipe or to a maximum injection pressure of 2500 psi. Stage squeeze last 4 bbls of cement as necessary to obtain a final squeeze pressure of at least 2000 psi. Release squeeze packer and reverse out. POH. WOC 12 hours.
7. RIH with 4-3/4" rock bit without nozzles and casing scraper on 2-7/8" workstring and drill out cement. PT casing to 1000 psi. POH. Resqueeze as necessary. If PT OK then RIH with retrieving tool on workstring. Wash sand off RBP and retrieve same. POH laying down workstring.

8. RU Schlumberger wireline and lubricator. PT lubricator to 1000 psi or wellhead pressure if higher. RIH with GR/METT/CCL and log from PBD at 5375' to 4300'. POH. RIH with junk basket/guage ring to 5200'. POH.

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

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

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

10. Set top of packer at 5179'EL. NOTE: Based on METT log, packer setting depth can be adjusted to not set in bad casing or in a casing collar. POH with setting tool. Bleed off casing pressure. RDMD wireline. RD snubbing unit if it was required in previous steps.

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

DESCRIPTION	MAX. O.D.	MIN. I.D.	LENGTH
	in.	in.	ft.
2-3/8", 4.7 lb/ft AB Modified 8rd X 2.688" Guiberson latch nipple w/ATR seals, 7 ft long spacer tube, one ATR seal nipple, one ATR seal unit, one ATR seal unit made of 316 stainless steel, 1/2 muleshoe made of 316 stainless steel, I.D. of flow area of seal assembly is plastic coated, all 8 TPI stub acme boxes to have Aflas o-rings, all 10 rd boxes to be AB modified with Teflon rings installed. Assembly to be pressure tested to 3000 psi using nitrogen prior to being sent to location.	3.45	1.901	11.0
6' pup joint, 2-3/8" 316 stainless steel 4.7 lb/ft with EUE 8rd AB Modified Box X Pin	3.063	2.25	6.0
316 stainless steel Model F non-ported seating nipple, Size 1.87 w/2-3/8", 4.7 lb/ft EUE 8rd AB Modified box x pin	3.063	1.87	2.0
316 stainless steel 2-7/8", 6.5 lb/ft EUE 8rd AB Modified Box X 2-3/8", 4.7 lb/ft EUE 8rd pin x-over	3.668	2.25	1.0
2-7/8" KCTS box X EUE 8rd pin	3.668	2.14	1.0
2-7/8", 6.5 lb/ft J-55 KCTS (Threadmasters Torque Ring) Fluorolined Tubing w/pup joints as required	3.668	2.14	+/- 5158'

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

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

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

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

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

VENDORS LIST

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

ENGINEERS CALCULATION SHEET

CO-188 (11-81)

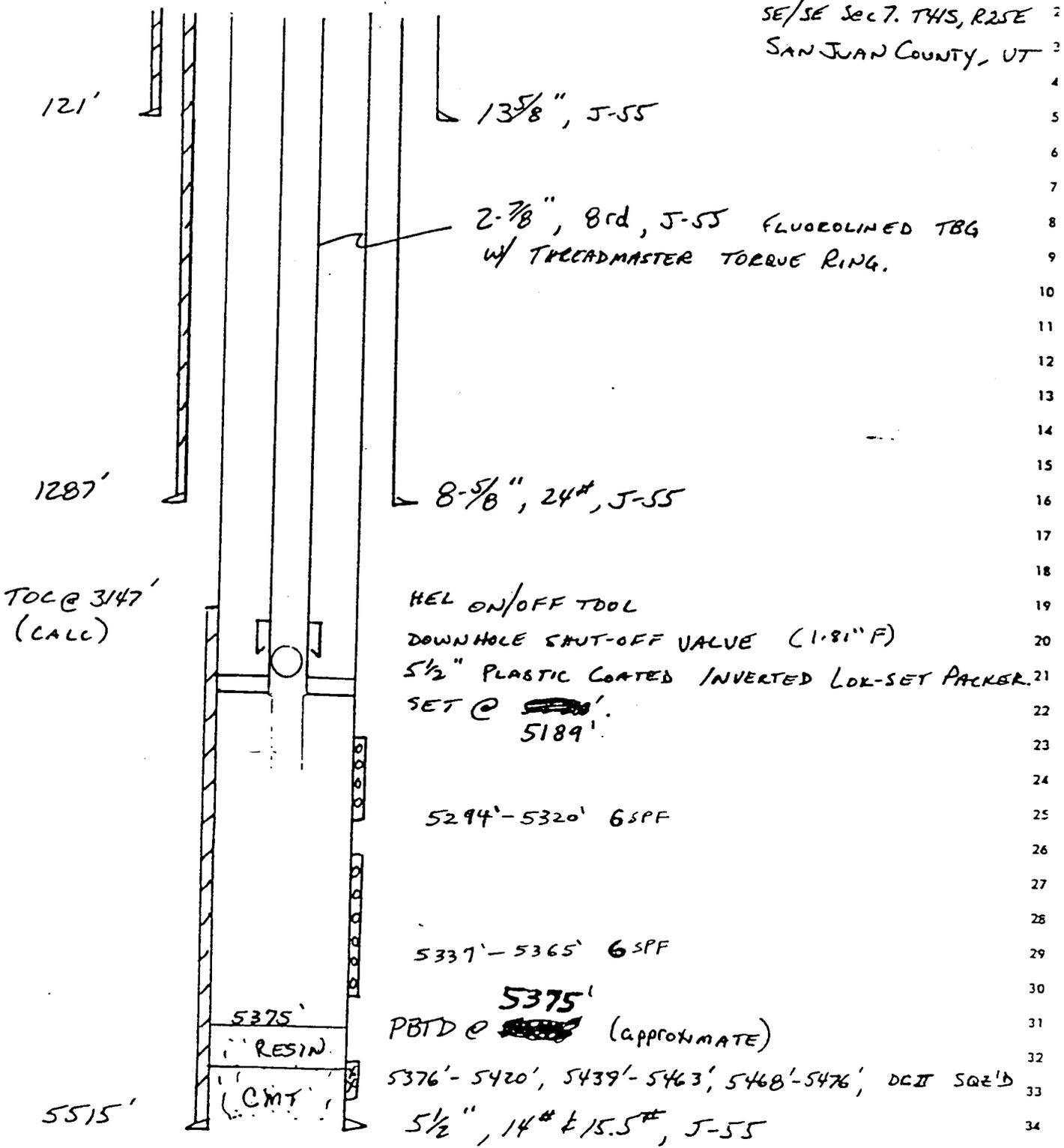
M-20

FOR _____
 LOCATION _____
 SUBJECT RKB 4559'

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

EXISTING
 McELMO CREEK UNIT # M-20

660' FSL, 660 FEL
 SE/SE Sec 7. T4S, R25E
 SAN JUAN COUNTY, UT



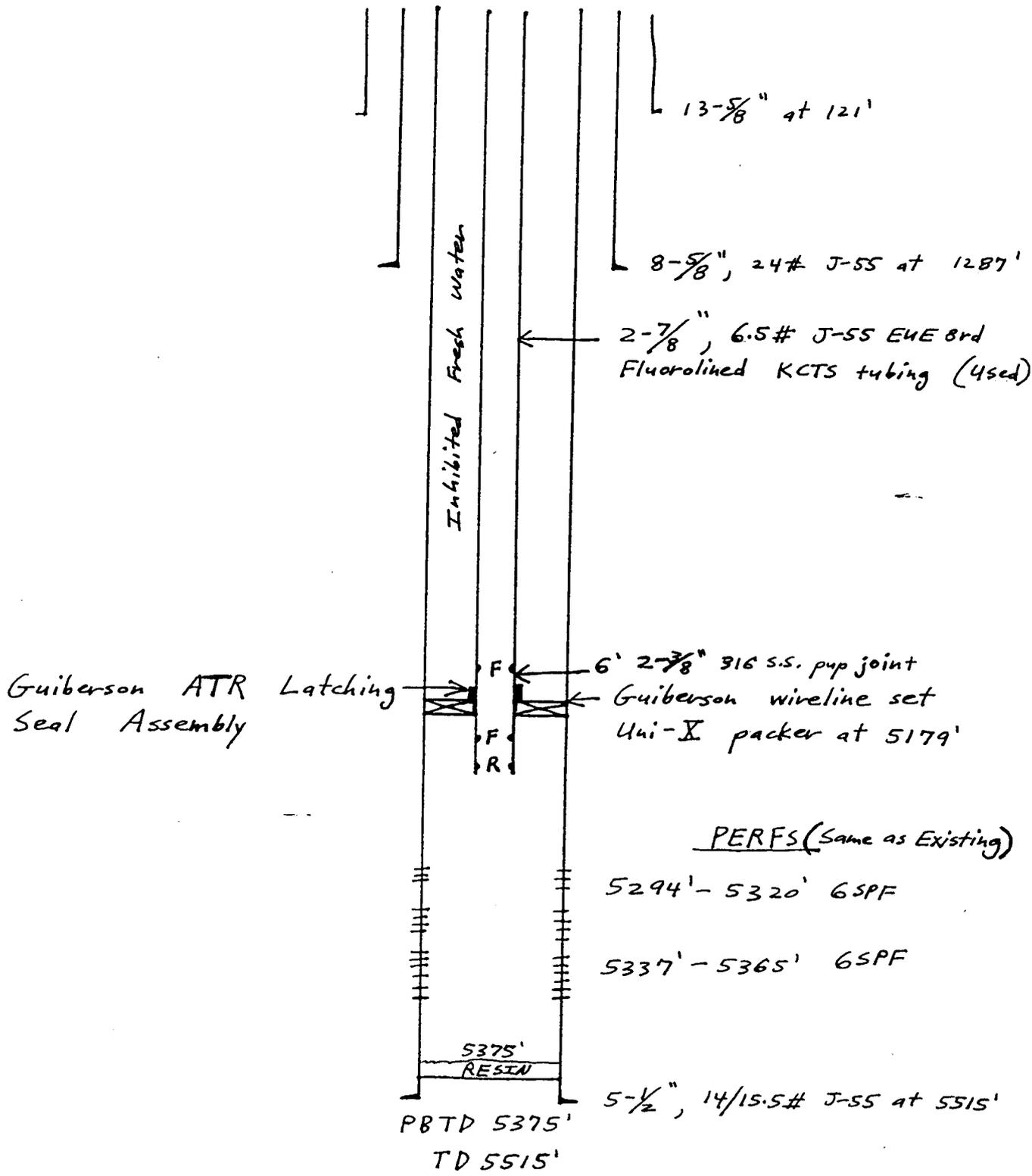
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ENGINEERS CALCULATION SHEET

FOR _____
 LOCATION _____
 SUBJECT McElmo Creek Unit M-20
RKB 4559'

JOB OR AUTH NO _____
 PAGE _____
 DATE 20/SEPT/95
 BY S.S. MURPHY

PROPOSED



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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

Use "APPLICATION FOR PERMIT - " for such proposals

5. Lease Designation and Serial No.

14-20-603-263

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 M-20

9. API Well No.

43-037-15511

10. Field and Pool, or exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN UT

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other INJECTOR

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

3. Address and Telephone No.

P.O. Box 633, Midland, TX 79702 (915) 688-2585

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

660' FSL, 660' FEL
SEC 7, T41S, R25E

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

TYPE OF SUBMISSION

- Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

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

10-31-95 TO 11-17-95 MIRU, CIRC 10# BRINE, POOH, W/ 167 JTS 2 7/8 TBG. PU BIT & CS RIH TO 5375 (PBD) CIBP @ 5170', ISOLATE CSG LEAK F/ 3770-3802' TEST LEAK TO 1000# PSI F/ 30 MIN, BLED OFF 180# PSI, SPOT 30 SX MICRO MATRIX CMT W/ 1% HALAD-322, SQZ TO 1100# & SI. TAG TOC @ 3730', DO CMT & FELL THRU @ 3820' CIRC CLEAN, PRESS TEST SQZ TO 1000# PSI F/ 30 MIN, BROKE DOWN & LOST PRES, SPOT 30 SX CLS B CMT, STAGE SQZ TO 1100# & SI. TOC @ 3532' GOOD CMT THRU @ 3800, CIRC CLEAN, TEST CSG TO 1000# PSI F/30 MIN & HELD. 5170' DO CIBP, SET PKR @ 5163', CIRC 130 BBLS PKR FLUID, TALLY W/ 164 JTS 2 7/8 CMT LINED TBG, PRESS TEST CSG TO 1000# PSI F/ 30 MIN & HELD. RDMO

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

Signed Shuley Robertson

Title ENV. & REG. TECHNICIAN

Date 04-10-96

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

ExxonMobil Production Comp

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

June 27, 2001

ExxonMobil
Production

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

Change of Name – Mobil Oil Corporation to
ExxonMobil Oil Corporation

Dear Mr. Thompson

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

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

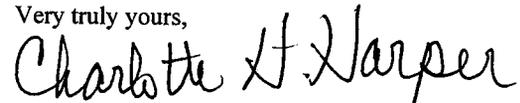
Please note the change of name of MOC to ExxonMobil Oil Corporation in your records pertaining to any MOC permits.

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

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

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

Very truly yours,



Charlotte H. Harper
Permitting Supervisor

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

RECEIVED

JUN 27 2001

DIVISION OF
OIL, GAS AND MINING



United States Department of the Interior

BUREAU OF INDIAN AFFAIRS
XXXXXXXXXXXXXXXXXXXX
Navajo Area Office
NAVAJO REGION

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

AUG 30 2001

IN REPLY REFER TO:

RRES/543

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

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

Dear Ms. Harper:

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

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

Sincerely,

CEMMI 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 <i>DM</i>	_____
NATV AM MIN COORD	_____
SOLID MIN TEAM	_____
PETRO MINT 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

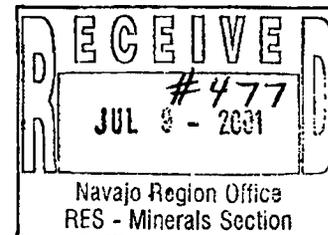
AS 7/12/2001
JH
543
File

June 27, 2001

ExxonMobil
Production

Certified Mail
Return Receipt Requested

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



Change of Name -
Mobil Oil Corporation to
ExxonMobil Oil Corporation

Dear Ms. Denetsone:

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

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

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

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

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

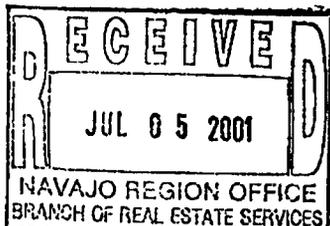
If you have any questions, please contact Alex Correa at (713) 431-1012.

Very truly yours,

Charlotte H. Harper

Charlotte H. Harper
Permitting Supervisor

Attachments



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

NOTE: Check forwarded to Ella Issac

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

Gentlemen:

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

OFFICERS

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

DIRECTORS

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

Sincerely,



Alex Correa

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



Signature

AGENT AND ATTORNEY IN FACT

Title

CERTIFICATION

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

CHANGE OF COMPANY NAME

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

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

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

ExxonMobil Oil Corporation",

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

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

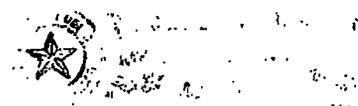
WITNESS, my hand and the seal of the Corporation at Irving, Texas, this 8th day of June, 2001.

S. A. Sullivan
Assistant Secretary

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

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

Janice M. Phillips
Notary Public



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

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

6/1/01

CHUBB GROUP OF INSURANCE COMPANIES

100 West Loop South, Suite 1900, Houston, Texas 77027-3307
Telephone: (713) 297-4600 • Facsimile: (713) 297-4750

NW Bond

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

BOND NO 8027 31 97

wherein

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

FEDERAL INSURANCE COMPANY AS SURETY,

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

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

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

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

TO : **ExxonMobil Oil Corporation**

All other terms and conditions of this Bond are unchanged.

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

ExxonMobil Oil Corporation

By: 

FEDERAL INSURANCE COMPANY

By: 
Mary Pierson, Attorney-in-fact



**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 } ss.
County of Somerset

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



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

Karen A. Price
Notary Public

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

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

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

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

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



Kenneth C. Wendel
Kenneth C. Wendel, Assistant Secretary

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

CSC

5184334741

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

CSC

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

F010601000187

CERTIFICATE OF AMENDMENT
OF
CERTIFICATE OF INCORPORATION
OF
MOBIL OIL CORPORATION

CSC 45

(Under Section 805 of the Business Corporation Law)

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

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

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

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

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

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

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

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

CSC
CSC

5184334741

06/01 '01 08:47 NO. 410 04/05
06/01 '01 09:00 NO. 133 03/04

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

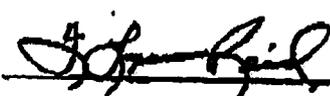
IN WITNESS WHEREOF, this Certificate has been signed this 22nd Day of May, 2001.



F. A. Risch, President 

STATE OF TEXAS)
COUNTY OF DALLAS)

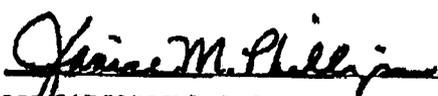
F. L. REID, being duly sworn, deposes and says that he is the Secretary of MOBIL OIL CORPORATION, the corporation mentioned and described in the foregoing instrument; that he has read and signed the same and that the statements contained therein are true.



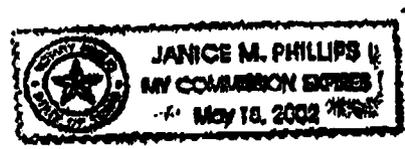
F. L. REID, Secretary

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

[SEAL]



NOTARY PUBLIC, STATE OF TEXAS



CSC
CSC

5184334741

06/01 '01 09:01 NO.411 02/02
06/01 '01 09:06 NO.132 07/04
F010601000187

CSC 45

CERTIFICATE OF AMENDMENT

OF

MOBIL OIL CORPORATION

Under Section 805 of the Business Corporation Law

SAC

100 cc
STATE OF NEW YORK
DEPARTMENT OF STATE

Filed by: EXXONMOBIL CORPORATION
(Name)

FILED JUN 01 2001

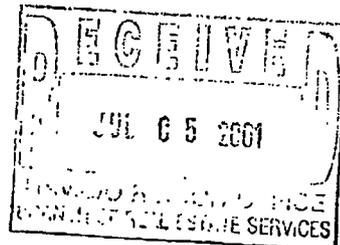
5959 Las Colinas Blvd.
(Mailing address)

TAX \$ _____
BY: *SAC*

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

ny Albany

Case Ref # 165578 MPJ



010601000195

State of New York }
Department of State } ss:

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

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



Special Deputy Secretary of State

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent

X Operator Name Change

Merger

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

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

CA No. Unit: MCELMO CREEK

WELL(S)

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NAVAJO C 42-6 (MCELMO CREEK M-14)	06-41S-25E	43-037-15963	99990	INDIAN	WI	A
NAVAJO C 11-6 (MCELMO CREEK J-13)	06-41S-25E	43-037-16355	99990	INDIAN	WI	A
NAVAJO C-2 (MCELMO CREEK M-16)	06-41S-25E	43-037-16361	99990	INDIAN	WI	A
NAVAJO 114-6 (MCELMO CREEK J-17)	07-41S-25E	43-037-15498	99990	INDIAN	WI	A
MCELMO CR K-20	07-41S-25E	43-037-15503	5980	INDIAN	WI	A
MCELMO CR L-19	07-41S-25E	43-037-15505	99990	INDIAN	WI	A
MCELMO CR M-18	07-41S-25E	43-037-15510	5980	INDIAN	WI	A
MCELMO CR M-20	07-41S-25E	43-037-15511	5980	INDIAN	WI	A
MCELMO CR J-19	07-41S-25E	43-037-16356	99990	INDIAN	WI	A
NAVAJO 114-18 (MCELMO CREEK K-18)	07-41S-25E	43-037-16357	99990	INDIAN	WI	A
NAVAJO 114-9 (MCELMO CREEK L-17)	07-41S-25E	43-037-16360	99990	INDIAN	WI	A
NAVAJO 114-1 (MCELMO CREEK N-17)	08-41S-25E	43-037-15514	99990	INDIAN	WI	A
NAVAJO 114-2 (MCELMO CREEK N-19)	08-41S-25E	43-037-15515	99990	INDIAN	WI	A
NAVAJO 114-11 (MCELMO CREEK O-18)	08-41S-25E	43-037-15517	99990	INDIAN	WI	A
NAVAJO 114-10 (MCELMO CREEK P-17)	08-41S-25E	43-037-15519	99990	INDIAN	WI	A
NAVAJO 114-4 (MCELMO CREEK P-19)	08-41S-25E	43-037-15520	99990	INDIAN	WI	A
NAVAJO J 11-9 (MCELMO CREEK R-17)	09-41S-25E	43-037-15976	99990	INDIAN	WI	A
NAVAJO J-2 (MCELMO CREEK R-19)	09-41S-25E	43-037-16373	99990	INDIAN	WI	A
NAVAJO J 31-9 (MCELMO CREEK T-17)	09-41S-25E	43-037-16380	99990	INDIAN	WI	A
NAVAJO J 11-16 (MCELMO CREEK R-21)	16-41S-25E	43-037-16374	99990	INDIAN	WI	A

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

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

7. **Federal and Indian Units:**

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

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

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

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

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

NOTE: EPA ISSUES UIC PERMITS

DATA ENTRY:

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

STATE WELL(S) BOND VERIFICATION:

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

FEDERAL WELL(S) BOND VERIFICATION:

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

INDIAN WELL(S) BOND VERIFICATION:

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

FEE WELL(S) BOND VERIFICATION:

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

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

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

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

DATA ENTRY:

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

BOND VERIFICATION:

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

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

TRANSFER OF AUTHORITY TO INJECT

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

EFFECTIVE DATE OF TRANSFER: 6/1/2006

CURRENT OPERATOR

Company: Exxon Mobil Oil Corporation Name: _____
 Address: PO Box 4358 Signature: _____
city Houston state TX zip 77210-4358 Title: _____
 Phone: (281) 654-1936 Date: _____
 Comments: Exxon Mobil has submitted a separate, signed copy of UIC Form 5

NEW OPERATOR

Company: Resolute Natural Resources Company Name: Dwight E Mallory
 Address: 1675 Broadway, Suite 1950 Signature: [Signature]
city Denver state CO zip 80202 Title: Regulatory Coordinator
 Phone: (303) 534-4600 Date: 4/26/2006
 Comments: A list of affected UIC wells is attached.
 New bond numbers for these wells are:
 BIA Bond # PA002769 and US EPA Bond # B001252

(This space for State use only)

Transfer approved by: [Signature]
 Title: Field Operations Manager

Approval Date: 6/12/06

Comments:

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 DIV. OF OIL, GAS & MINING

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

FORM 9

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

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

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

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

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

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

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

(This space for State use only)

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

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

FORM 9

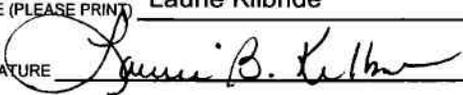
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for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

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

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

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

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

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

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

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

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

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

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

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

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