

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL       DEEPEN       PLUG BACK

b. TYPE OF WELL  
 OIL WELL       GAS WELL       OTHER       SINGLE ZONE       MULTIPLE ZONE

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  
 2230' FSL, 765' FWL of SEC. 13  
 At proposed prod. zone  
 Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 6 miles southeast of Montezuma Creek, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 2100'

16. NO. OF ACRES IN LEASE  
 1120

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 40

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 1090'

19. PROPOSED DEPTH  
 5530'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 4530' Ungraded ground level

22. APPROX. DATE WORK WILL START\*  
 July 16, 1984

5. LEASE DESIGNATION AND SERIAL NO.  
 14-20-603-370

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 NAVAJO

7. UNIT AGREEMENT NAME  
 McELMO CREEK UNIT

8. FARM OR LEASE NAME

9. WELL NO.  
 #F-23

10. FIELD AND POOL, OR WILDCAT  
 GREATER ANETH

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 SEC. 13, T41S, R24E SLM

12. COUNTY OR PARISH      13. STATE  
 SAN JUAN      UTAH

*New SW*  
*Shrimley*  
*Rock*

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	54.5# K-55	100'	150 sx cement to surface
12-1/4"	9-5/8"	36# K-55	1400'	750 sx cement to surface
8-3/4"	7"	23# K-55	5530'	500 sx cement or sufficient to cover zones of interest.

Superior Oil proposes to drill the subject well and complete the Ismay and/or Desert Creek formation.

APPROVED BY THE STATE  
 OF UTAH DIVISION OF  
 OIL, GAS, AND MINING  
 DATE: 7/5/84  
 BY: John R. Baye

RECEIVED

JUL 2 1984

DIVISION OF OIL  
 GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

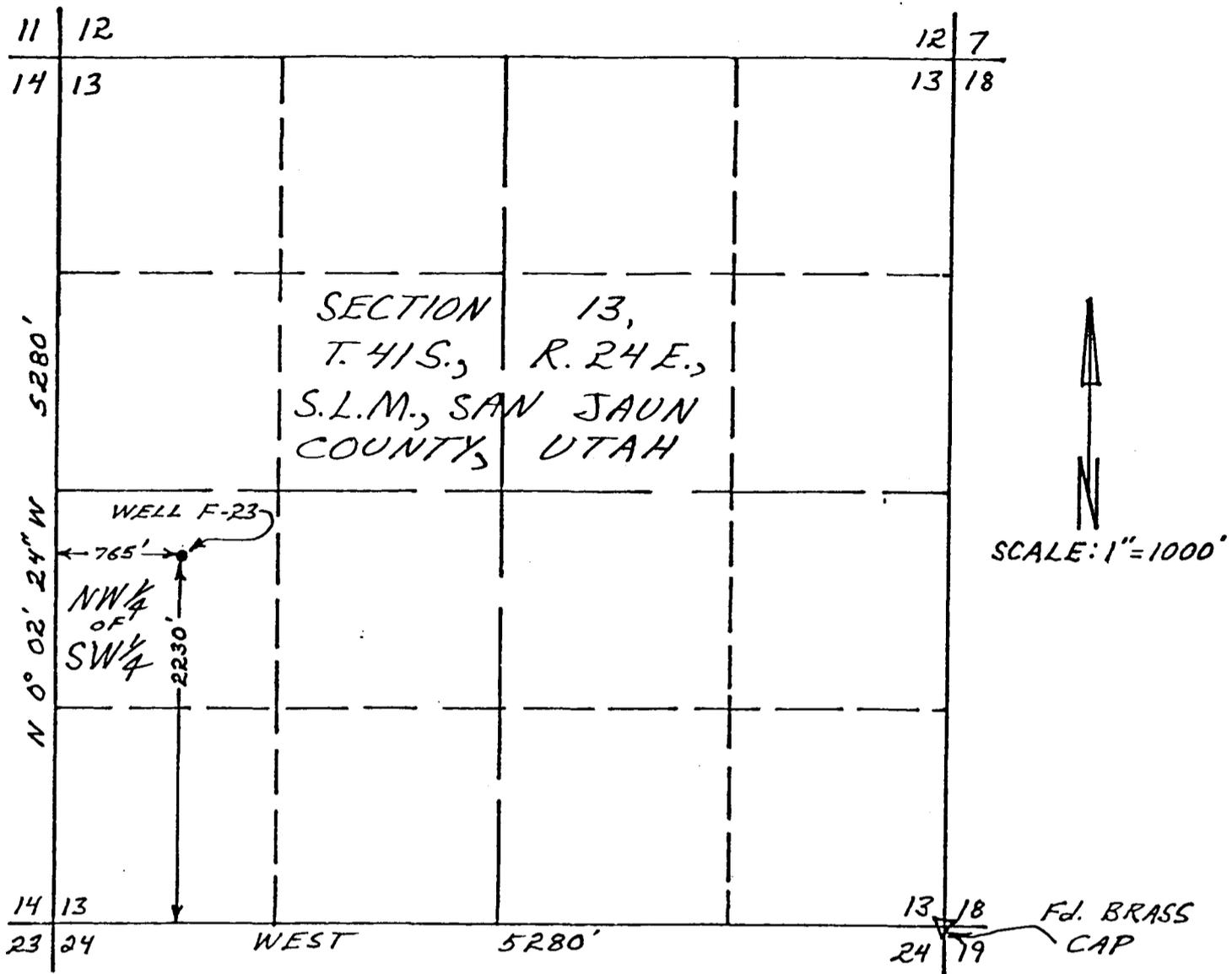
24. SIGNED Gregg A. Tripp TITLE Engineer DATE 6-26-84  
 (This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

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

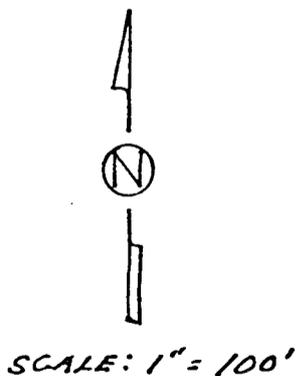
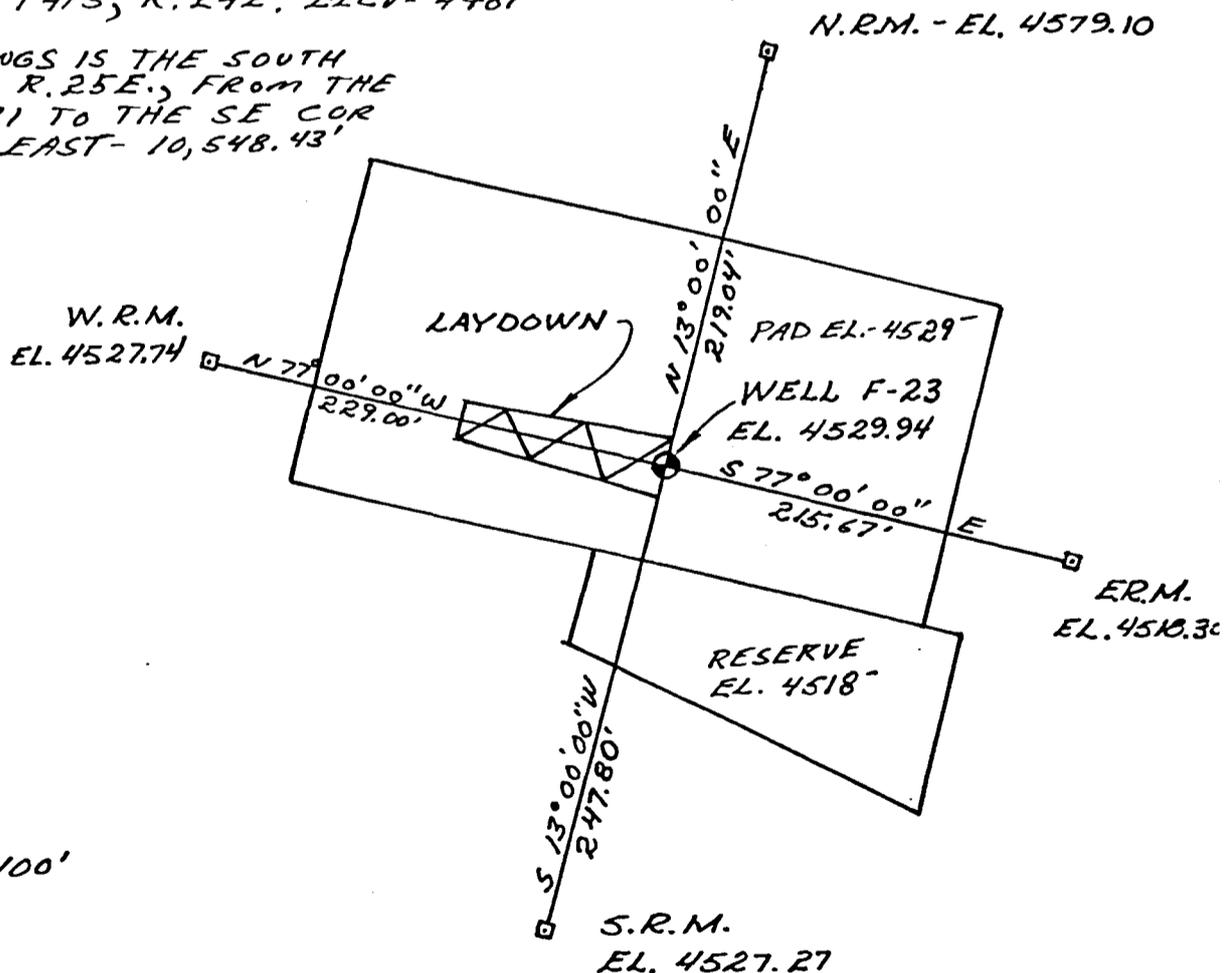
\*See Instructions On Reverse Side

# SUPERIOR OIL COMPANY - WELL F-23



ELEV. BASED ON USGS MAP ELEV. AT SE COR. SEC. 13, T. 41 S., R. 24 E., ELEV. 4481'

BASIS OF BEARINGS IS THE SOUTH LINE OF T. 40 S., R. 25 E., FROM THE SW COR. OF SEC. 31 TO THE SE COR. OF SEC. 32. i.e. EAST- 10,548.43'



**FOUR CORNERS SURVEYING**  
**21283 COUNTY ROAD P**  
**CORTEZ, COLORADO 81321**  
**303-565-4894**

SUPPLEMENT TO FORM 3160-3

WELL: McElmo Creek Unit #F-23

ELEVATION: 4530' ungraded ground level.

SURFACE FORMATION: Dakota

ESTIMATED FORMATION TOPS:	<u>Formation</u>	<u>Top</u>
	Chinle	1300'
	DeChelly	2384'
	Organ Rock	2568'
	Hermosa	4352'
	Ismay	5174'
	Lower Ismay	5262'
	Gothic Shale	5327'
	Desert Creek	5339'
	Chimney Rock Shale	5510'
	TD	5530'

WATER BEARING FORMATION: Fresh water is expected to be encountered intermittently from 100' to 1300'

HYDROCARBON BEARING FORMATION: Oil & gas could be encountered in the Ismay and Desert Creek from 5174' to 5510'.

MUD PROGRAM:

Surface to 100' - spud mud.

100' to 1400' - fresh water.

1400' to 2284' - fresh water/gel/polymer.

2284' to 5070' - lignosulfonate mud system 100' above DeChelly.

5070' to TD - lignosulfonate mud system. Water loss controlled to 15 cc or less and weighted with barite as necessary.

CASING PROGRAM:	<u>Depth</u>	<u>Size</u>	<u>O. D.</u>	<u>Weight</u>	<u>Grade</u>	<u>Type</u>
Conductor	0-100'	17-1/2"	13-3/8"	54.5#	K-55	ST&C
Surface	0-1400'	12-1/4"	9-5/8"	36#	K-55	ST&C
Production	0-5530'	8-3/4"	7"	23#	K-55	ST&C

ALL CASING WILL BE NEW.

(2)

CEMENT PROGRAM: Conductor - cement to surface w/ 150 sx Class 'B'  
+ 2% CaCl.  
Surface - cement to surface w/ 600 sx Lite + 10#/sk  
Gilsonite + .4% LoDense + 5#/sk LCM &  
150 sx Class 'B' + 2% CaCl.  
Production - 500 sx Class 'B' + 1.7% D-29 (anti-  
migration additive) + .3% R-5 (re-  
tarder). Est TOC: 4200'.

PRESSURE CONTROLS: Blowout preventer equipment will be 10" Series  
900 (3000 psig working pressure) with blind rams  
and drill pipe rams hydraulically and manually  
controlled. The BOP's will be tested to 1500 psig  
and actuated daily to insure proper functioning.  
The schematic of the pressure control equipment can  
be seen on the attached diagram.

LOGGING PROGRAM: DIL/SFL: TD to 1400'.  
CNL/FDC: TD to 3530'.  
MICROLOG: TD to 3530'.

HIGH PRESSURE AND/OR H<sub>2</sub>S GAS: High pressure gas or gas containing detectable  
H<sub>2</sub>S are not anticipated while drilling  
this well.

DRILL STEM TESTS: None.

CORING: None.

ANTICIPATED STARTING DATE: July 16, 1984

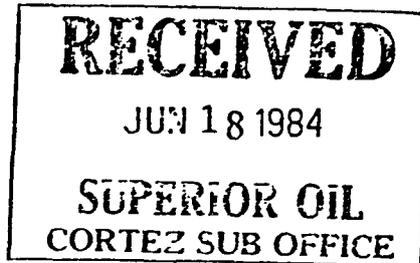


# DIVISION OF CONSERVATION ARCHAEOLOGY

San Juan County  
Museum Association

June 15, 1984

Mr. Duane Likes  
Superior Oil Company  
23429 County Road G  
P.O. Drawer G  
Cortez, Colorado 81321



Dear Mr. Likes:

Enclosed is an archaeological report for two proposed well pads (F-23 and F-25) and their access roads located south of Montezuma Creek, San Juan County, Utah. One isolated locus, a Mancos black-on-white sherd was recorded on proposed well pad F-23. The research potential for the isolated loci has been exhausted by field documentation.

We have recommended archaeological clearance for the two well pads. The Bureau of Indian Affairs will review this report and make the final decision regarding archaeological clearance for your project. The Bureau of Indian Affairs in Window Rock should notify the Real Property Management offices of the Bureau of Indian Affairs in Shiprock of its decision.

An invoice for our services will follow. We have enjoyed working with you and hope that we can be of service again. If you have any questions about the report, please call us. We will be happy to help you.

Sincerely,

Patricia M. Hancock  
Staff Archaeologist

cc: Mr. Mark Henderson, BIA, Window Rock (5)  
Real Property Management Office, BIA, Shiprock

# **SUPERIOR OIL**

June 11, 1984

Mr. Matt N. Millenbach  
Area Manager  
U. S. Department of the Interior  
Bureau of Land Management  
Caller Service 4104  
Farmington, New Mexico 87499

Re: Surface Use Development Plan  
Proposed Well  
McElmo Creek Unit #F-23  
2230' FSL, 765' FWL  
Section 13, T41S, R24E SLM  
San Juan County, Utah

Gentlemen:

We submit this Surface Use Program Plan with the APD, Form 3160-3, for the above-referenced oil well and the plan is as follows:

1. The existing roads are shown on the attached Plat No. 3. Directions to the location are: From the San Juan River Bridge go south on the black top 0.4 miles to the Red Mesa highway, go southeast 1.2 miles to a gravel road parallelling the river 4.2 miles. The location will be on the right (south of the road).
2. An access road approximately 800' long will extend south from the location to an existing road.
3. Location of existing wells within one mile (refer to Plat No. 5).
  - a. Waterwells - none.
  - b. Abandoned wells - 1.
  - c. Temporarily abandoned wells - 1.
  - d. Disposal wells - none.
  - e. Drilling wells - none.
  - f. Producing wells - 16.
  - g. Shut-in wells - none.
  - h. Injection wells - 11.
4. There are existing producing facilities owned and controlled by Superior Oil Co. within a one mile radius. A 800' flowline will be laid to the Area #6 tank battery.

## **SUPERIOR OIL**

5. Location and type of water supply will be from Superior's McElmo Creek Unit fresh water supply wells near the San Juan River (SW 1/4 Sec. 17, T41S, R25E SLM). Water will be trucked to the location over existing roads and access road to be built.
6. Source of construction materials necessary to build the drilling pad will be obtained from the location. If gravel is needed to maintain existing road or top off the drilling pad it will be trucked from a privately owned gravel pit 0.25 miles west of Montezuma Creek.
7. Methods of handling waste disposal is to collect it in an earthen pit 6' to 8' deep with steep sides and fenced with small mesh wire and located near the mud pit. The reserved mud pit will be located on the south side of the location. When drilling operations are complete the mud pits will be allowed to dry and then backfilled and leveled to the contour of the original landscape. The reserve pit will be fenced on three sides while drilling and on the fourth side as soon as the drilling rig moves out. OSHA approved chemical toilets will be provided and maintained. (Refer to Plat No. 6 & 7).
8. Ancillary facilities. No permanent campsites or airstrips will be constructed. Two small portable trailer houses for Superior's and contractors drilling Supervisory personnel will be on the location while drilling the well. (Refer to Plat No. 6).
9. Wellsite layout. The location and position of all drilling equipment is shown on the attached plat. There is also a plat attached showing cross section diagram of the drill pad including all cuts and fills. Material from the location will be used for pad elevation. (Refer to Plats No. 6, 7, 8, & 9).
10. Plans for restoraton of the surface. Upon completion of drilling operations the site and unused portion of the access road will be restored to the contour of the original landscape. Upon abandonment of the location a reservoir will be built southwest of the location, no seeding is required.
11. Surface land is owned by the Navajo Tribe and is used primarily for grazing. Vegetation is sparse desert Type ground cover. There are no Indian habitations or artifacts in the immediate vicinity of the access road, flowline or drill site. The remains of a Hogan west of the location will be fenced to protect it.

## **SUPERIOR OIL**

12. As for contacts with Superior Oil, the following are company and contract representatives:

Permitting - Wm H. Edwards  
Construction - C. D. Likes  
Drilling - J. E. Gagneaux  
Mailing address - P. O. Drawer 'G'  
Cortez, Colorado 81321  
Telephone - 303-565-3733 (24 hrs).  
Dirt Contractor - Dean McClellan  
Perry McDonald Construction Co.  
Cortez, Colorado  
303-565-3656

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with operations proposed herein will be performed by Superior Oil Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C 1001 for the filing of a false statement.

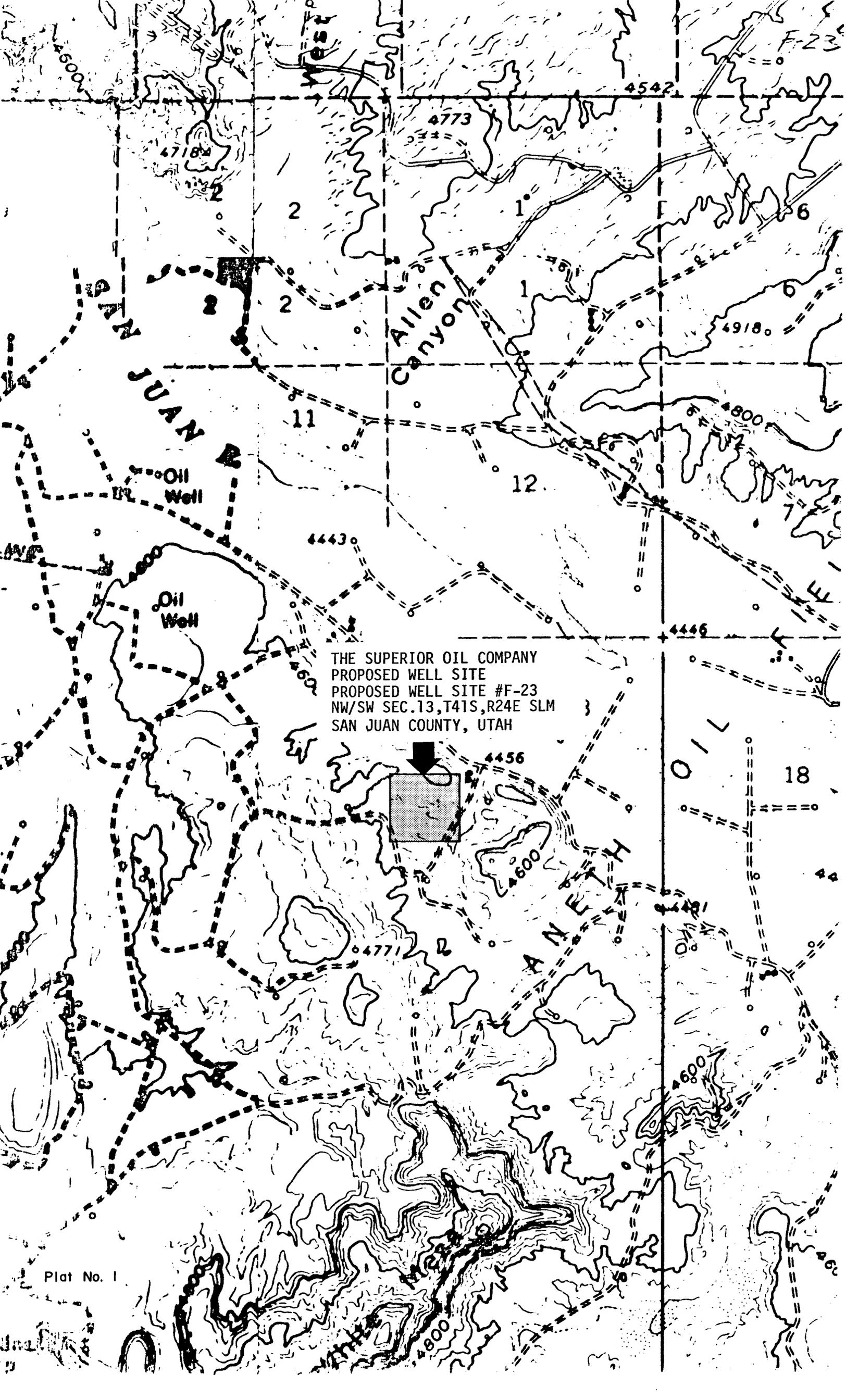
Sincerely,

SUPERIOR OIL COMPANY

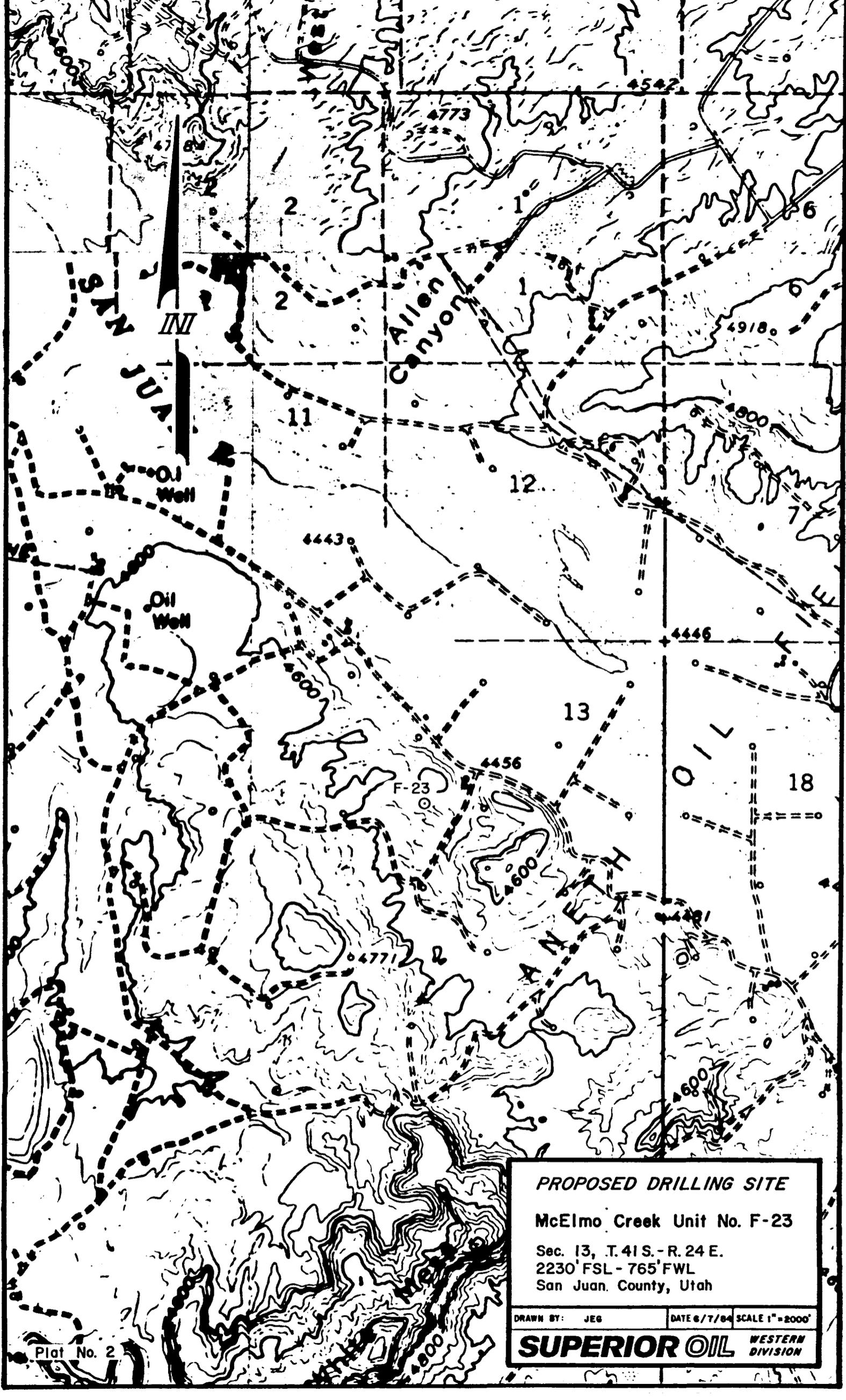


Wm. H. Edwards  
Special Projects Superintendent

WHE/1h



THE SUPERIOR OIL COMPANY  
PROPOSED WELL SITE  
PROPOSED WELL SITE #F-23  
NW/SW SEC. 13, T41S, R24E SLM  
SAN JUAN COUNTY, UTAH



**PROPOSED DRILLING SITE**

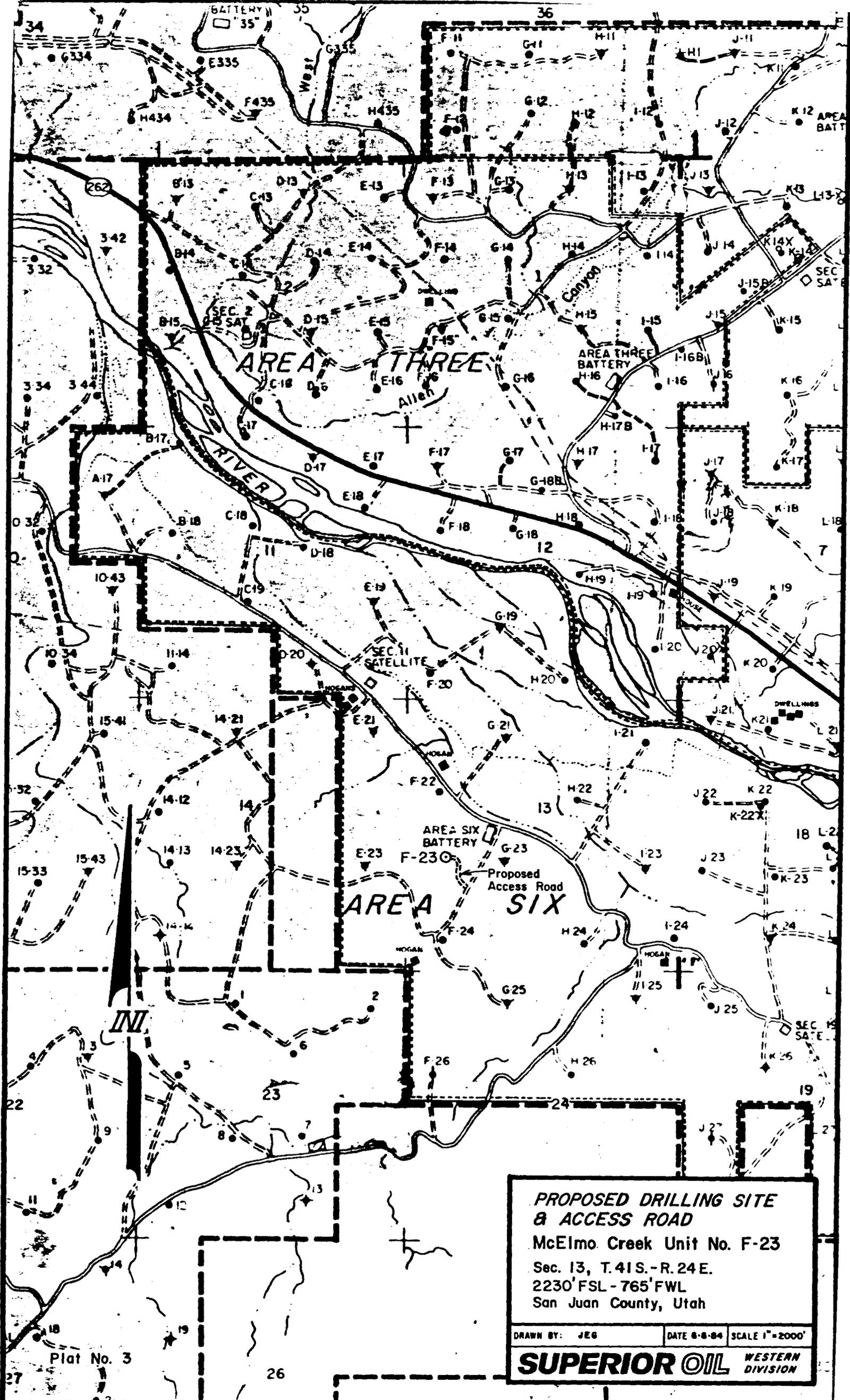
**McElmo Creek Unit No. F-23**

Sec. 13, T. 41 S. - R. 24 E.  
2230' FSL - 765' FWL  
San Juan County, Utah

DRAWN BY: JEG      DATE 6/7/64      SCALE 1" = 2000'

**SUPERIOR OIL** WESTERN DIVISION

Plat No. 2



**PROPOSED DRILLING SITE  
& ACCESS ROAD**  
 McElmo Creek Unit No. F-23  
 Sec. 13, T.41S.-R.24E.  
 2230' FSL - 765' FWL  
 San Juan County, Utah

DRAWN BY: JEG      DATE 6-8-84      SCALE 1" = 2000'

**SUPERIOR OIL**      WESTERN DIVISION

Plat No. 3

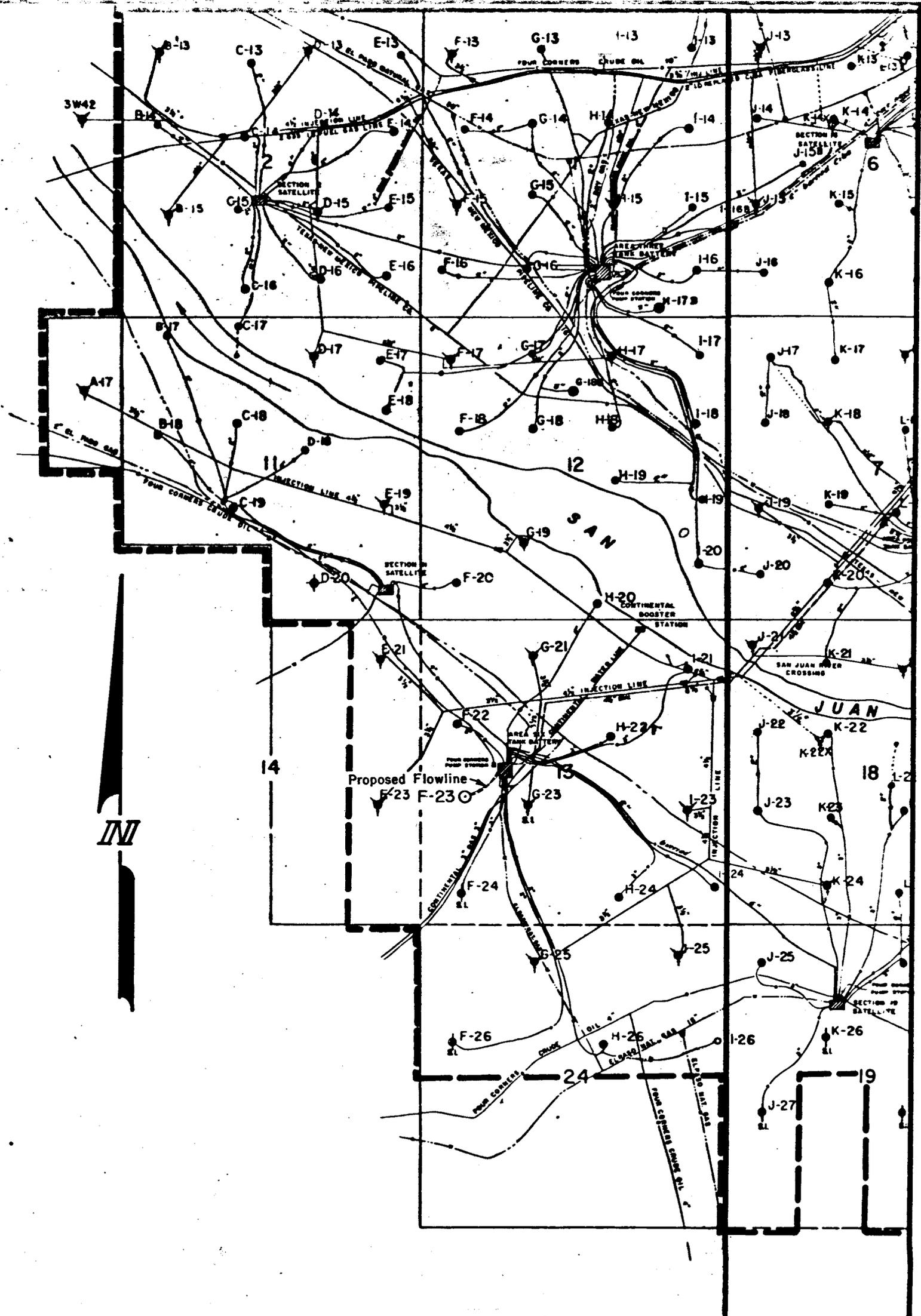
R 24 E

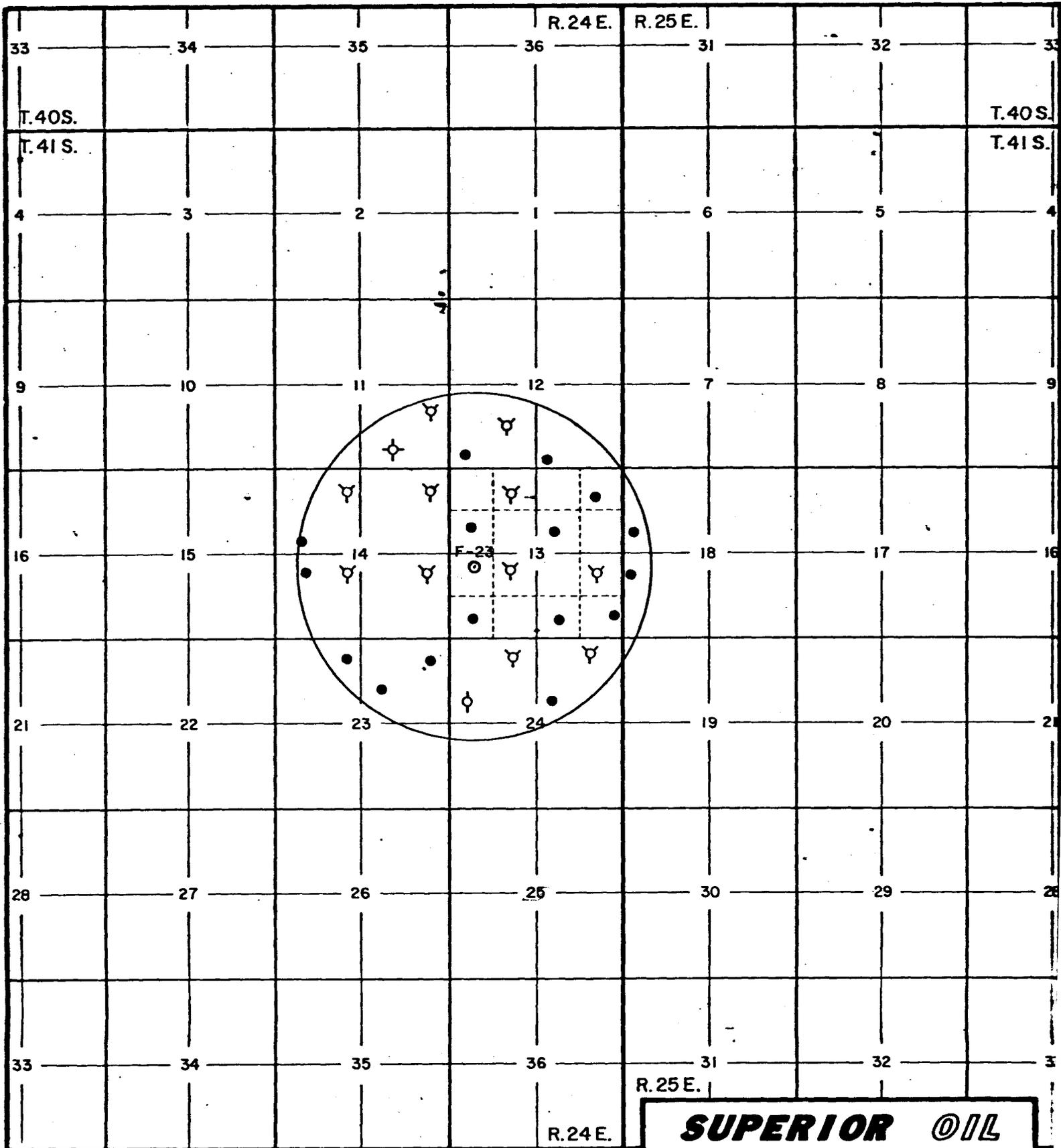
PROPOSED DRILLING SITE  
& FLOWLINE  
McElmo Creek Unit No. F-23  
Sec. 13, T.41S. - R.24E.  
2230' FSL - 765' FWL  
San Juan County, Utah

DRAWN BY: JEG      DATE 6-7-84      SCALE 1" = 2000'

**SUPERIOR OIL** WESTERN DIVISION

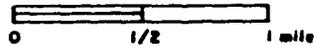
Plat No. 4





**SUPERIOR OIL**

EXISTING WELLS  
SURROUNDING  
PROPOSED WELL

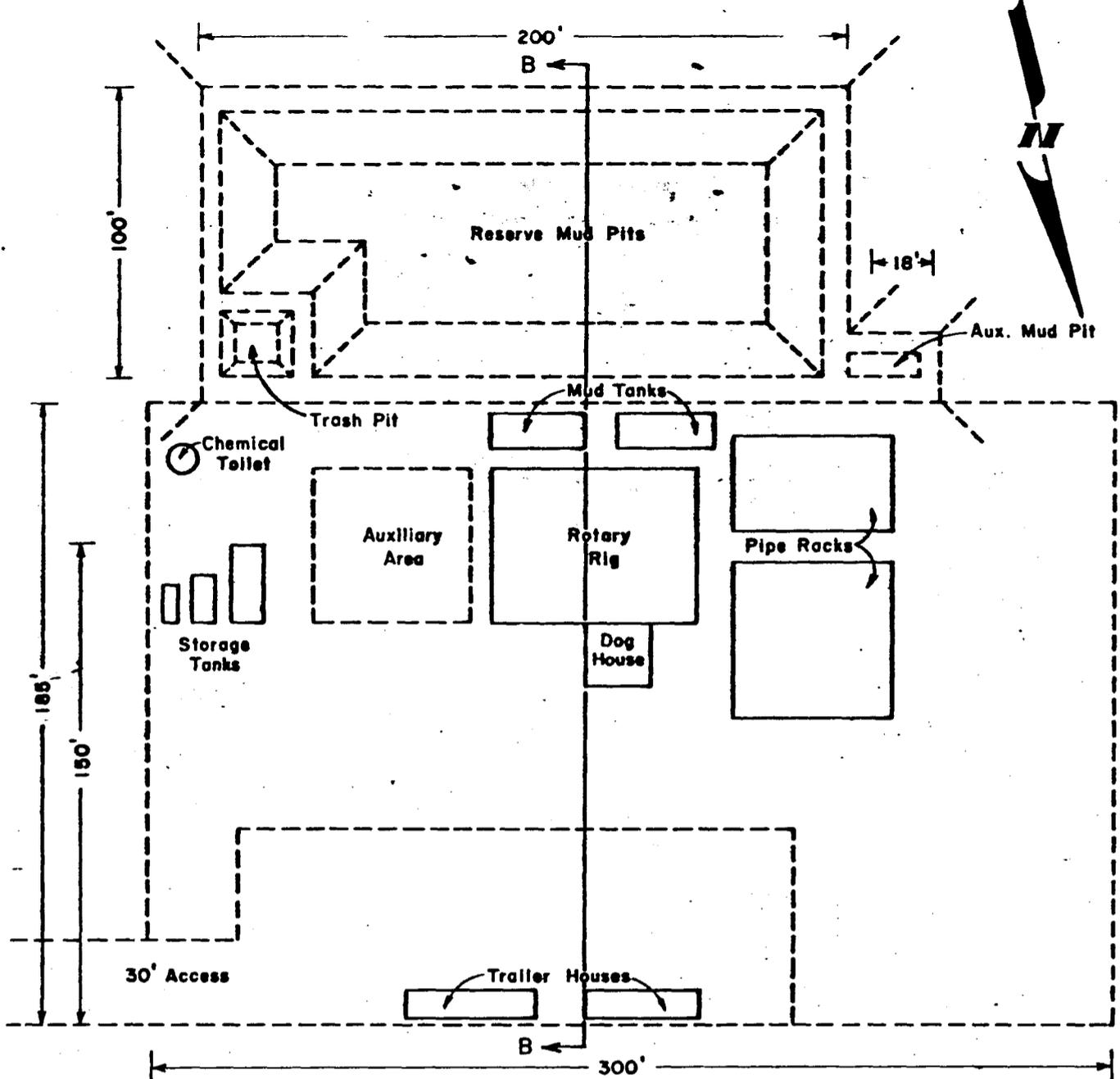


By: JEG

Date: 6-7-84

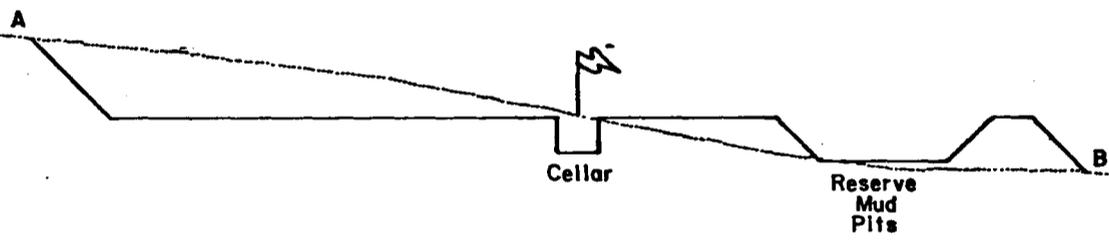
Plat No. 5

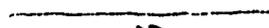
- Proposed Well
- Producing Well
- ★ Gas Well
- ⊥ Water Injection Well
- ⊓ Temporarily Abandoned
- ⊕ Plugged and Abandoned



The Drilling Pad will be graded and compacted, and composed of native materials.

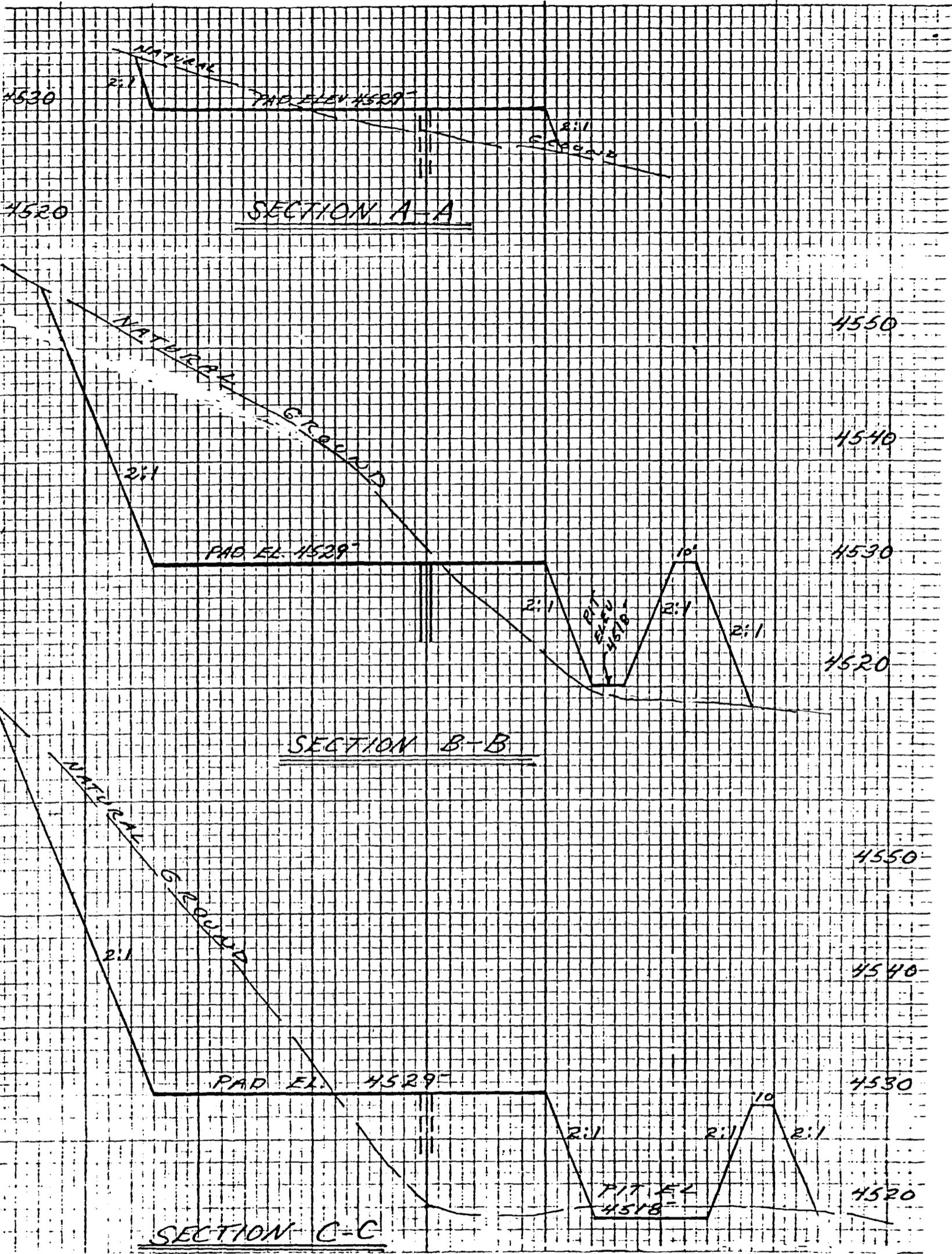
PROPOSED WELL SITE  
 M.C.U. F-23  
 Original Elev. 4529.9'



Original Contour   
 Reference Point   
 Graded Proposal 

**THE SUPERIOR OIL CO.**   
 CORTEX-CAMPER DISTRICT  
 ENGINEERING DEPARTMENT  
**RIG LAYOUT & DRILL  
 PAD CROSS SECTION**  
 McElmo Creek Unit No. F-23  
 Sec. 13, T.41S. - R.24 E.  
 San Juan County, Utah  
 BY JES DATE 6-7-64  
 SCALE 1" = 80' REVISED

# SUPERIOR OIL COMPANY - WELL F-23

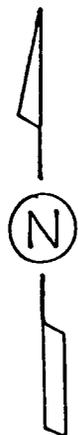
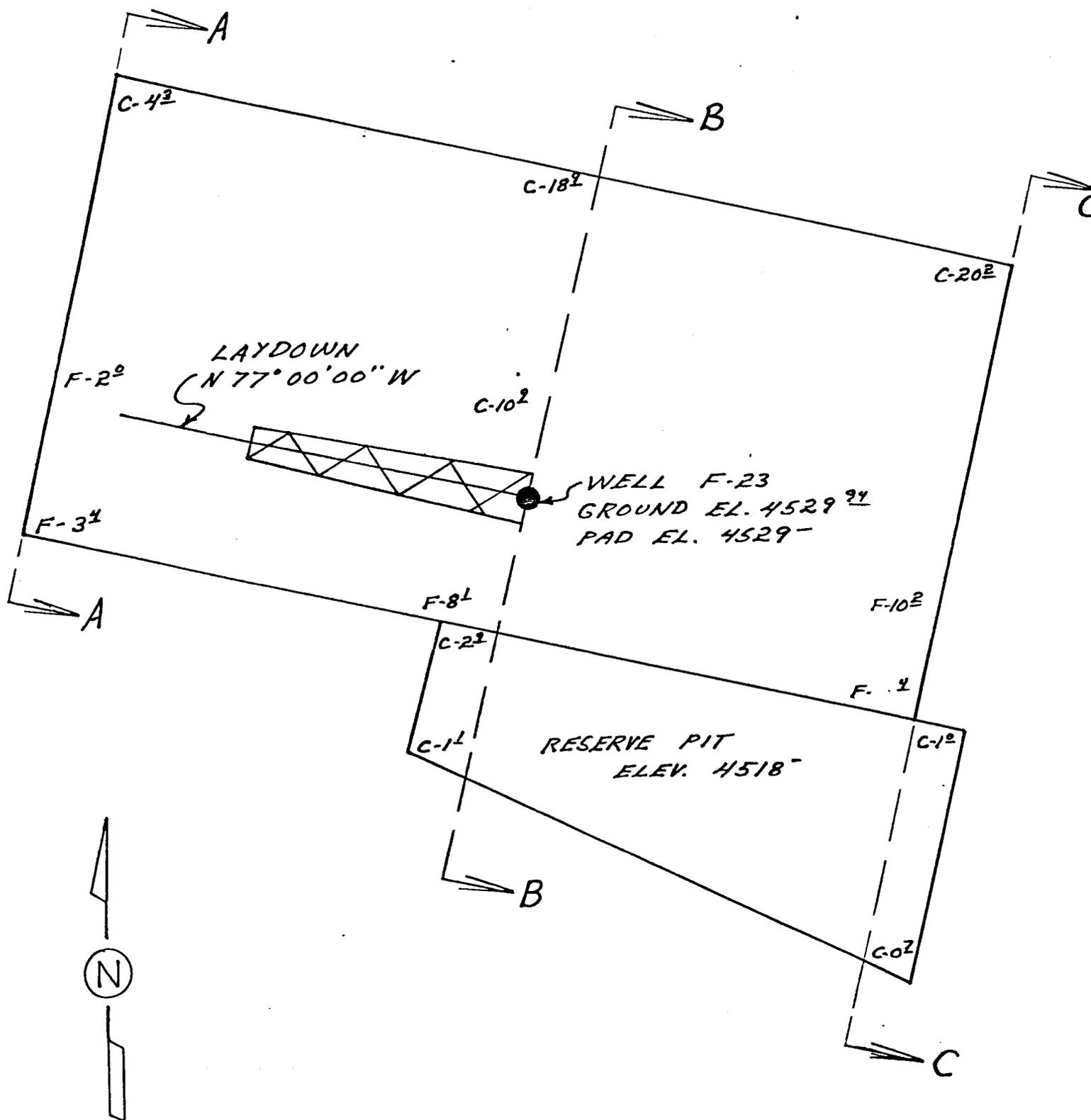


SCALE: HORIZ. 1" = 50'  
VERT. 1" = 10'

**FOUR CORNERS SURVEYING**  
**21283 COUNTY ROAD P**  
**CORTEZ, COLORADO 81321**  
**303-565-4894**

Plat No. 8

SHEET 2 OF 3 DATED 5-19-84

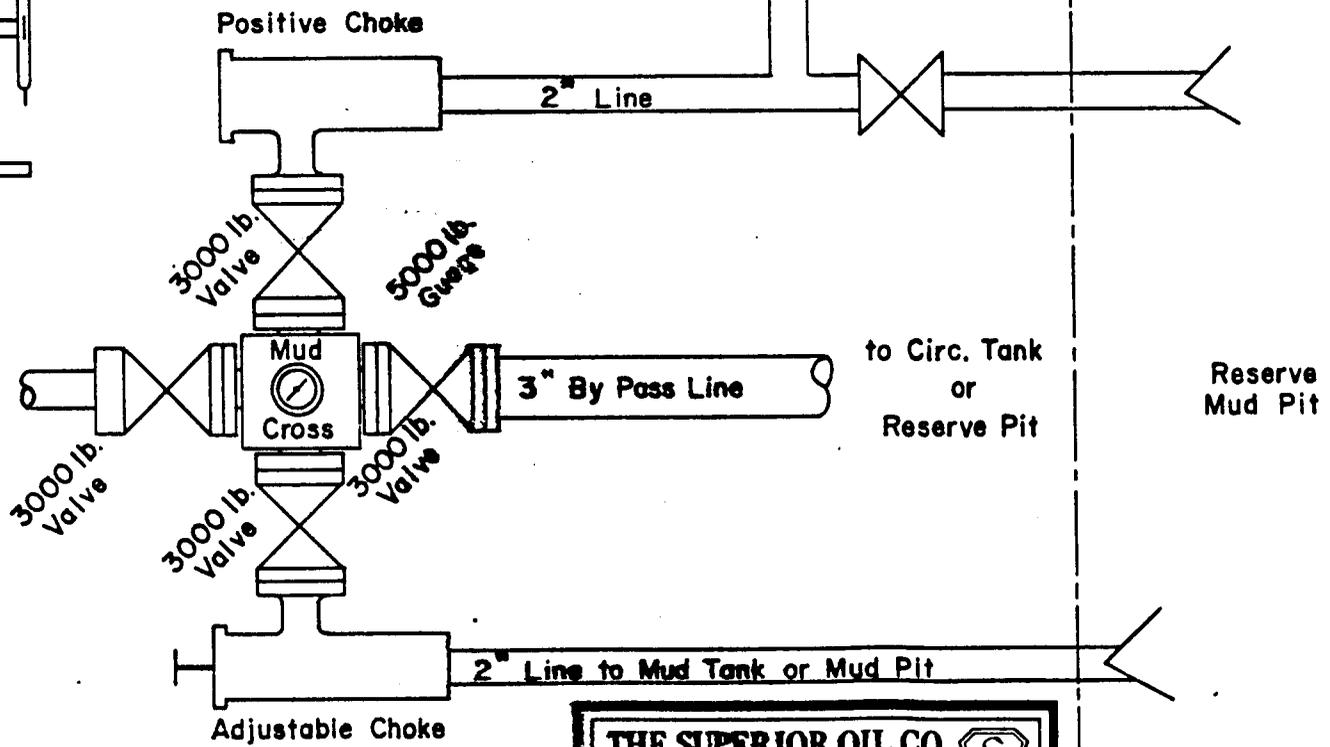
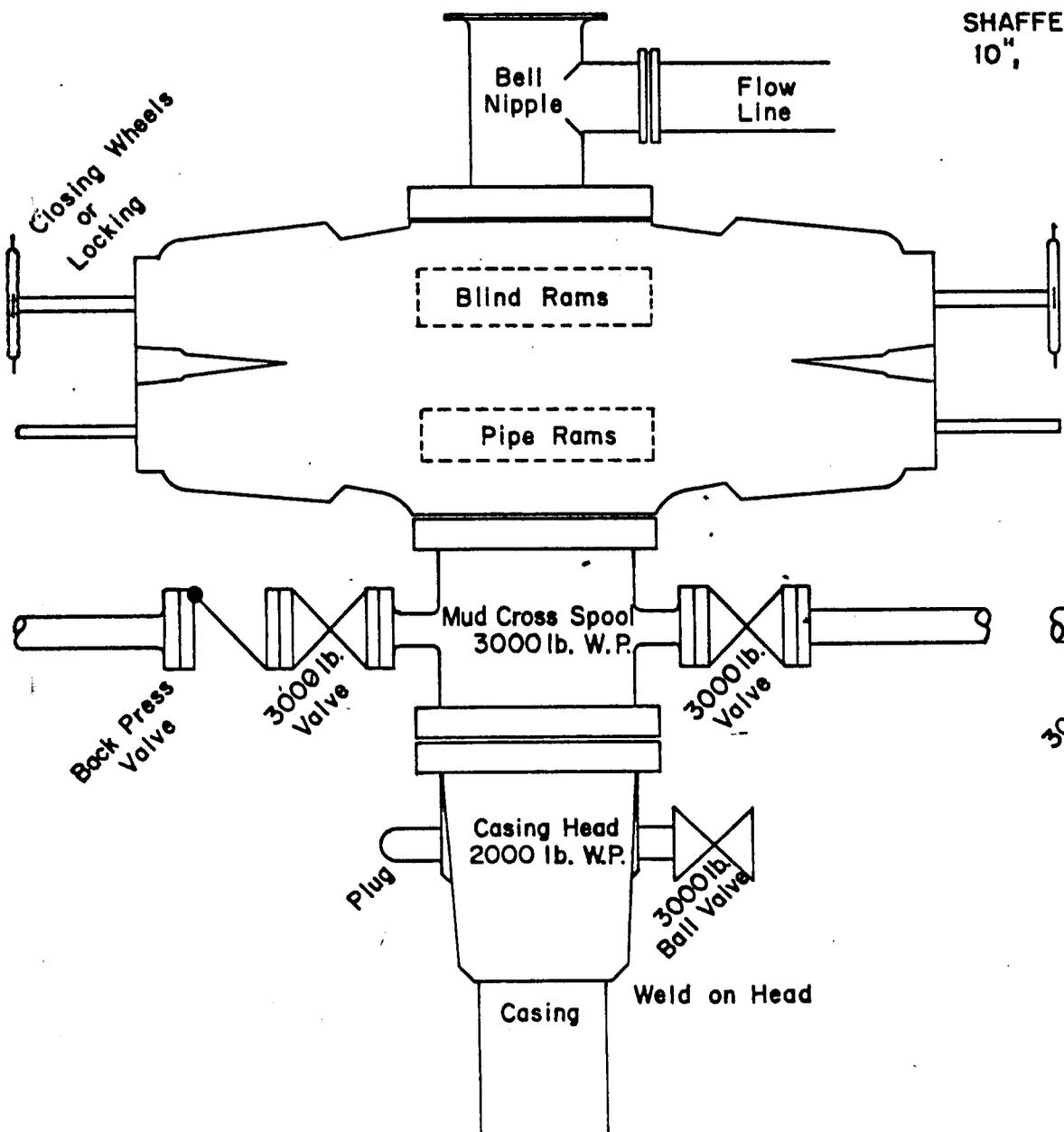


SCALE: 1" = 50'

**FOUR CORNERS SURVEYING**  
**21283 COUNTY ROAD P**  
**CORTEZ, COLORADO 81321**  
**303-565-4894**

Circulating Tank

SHAFFER DOUBLE GATE BLOW OUT PREVENTER  
10", 3000 lb. W.P., 6000 lb. Test, Type E



**THE SUPERIOR OIL CO.**  
 CORTIZ-CAMPOS DISTRICT  
 ENGINEERING DEPARTMENT

**S**

**SCHEMATIC DIAGRAM  
 OF PRESSURE CONTROL  
 EQUIPMENT**

BY JES                      DATE 6/25/78  
 SCALE NONE                REVISED



RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER \_\_\_\_\_

UNIT McElroy Creek

c-3-b

c-3-c

CHECK DISTANCE TO NEAREST WELL.

CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

July 5, 1984

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

RE: Well No. McElmo Creek Unit #F-23  
N5W 13, T. 41S, R. 24E  
2230' FSL, 765' PSL  
San Juan County, Utah

Gentlemen:

Approval to drill the above referenced oil well is hereby granted in accordance with Section 40-6-18, Utah Code Annotated, as amended 1963; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form CGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Saza, Petroleum Engineer, (Office) (801) 533-5771, (Home) 298-7695 or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.
5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-037-31031.

Sincerely,

  
R. J. Firth  
Associate Director, Oil & Gas

RJF/as  
cc: Branch of Fluid Minerals  
Bureau of Indian Affairs

## DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATIONNAME OF COMPANY: SUPERIOR OILWELL NAME: MC ELMO CREEK UNIT #F-23SECTION NW SW 13 TOWNSHIP 41S RANGE 24E COUNTY San JuanDRILLING CONTRACTOR ArapahoeRIG # 2SPUDDED: DATE 10-16-84TIME 4:30 PMHow Rotary

DRILLING WILL COMMENCE \_\_\_\_\_

REPORTED BY Bow AndresTELEPHONE # 303-565-3733DATE 10-18-84 SIGNED AS

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIP  
(Other instructions  
verse side) ATE\*

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

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-370

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

McElmo Creek

8. FARM OR LEASE NAME

9. WELL NO.

F-23

10. FIELD AND POOL, OR WILDCAT

Greater Aneth

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

Sec. 13, T41S, R24E

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

2. NAME OF OPERATOR  
Superior Oil Company

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

2230' FSL; 765' FWL; Section 13

RECEIVED  
NOV 23 1984

DIVISION OF  
OIL, GAS & MINING

14. PERMIT NO.

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

KB: 4543'; GL: 4531'

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 COMPLETION

ABANDON\*

CHANGE PLANE

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

Drilling

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.)\*

- 10-16-84: Spud 12½" hole. Drill to 118'. Open to 17½".
- 10-17-84: Ran 13-3/8", 54.5#, K-55, ST&C casing to 118'. Cemented to surface w/150 sx (256.5 cu.ft.) Class "B" + 2% CaCl2.
- 10-18-84: Drilled 12½" hole to 1335'. Ran 9-5/8", 36#, K-55, ST&C casing to 1335'. Cemented to surface w/500 sx (770 cu.ft.) BJ Lite + .4% A2 + 10 #/sk Gilsonite and 150 sx (175.5 cu.ft.) Class "B" + 2% CaCl2.
- 11-1-84: Reached TD of 5550', 8-3/4" hole.
- 11-3-84: Ran logs: DIL-SFL, FDC-CNL, EPT, ML.
- 11-5-84: Ran 7", 23#, K-55, ST&C casing. Pipe stuck at 2640'. Drill out FC & FS.
- 11-6-84: Clean out to 5550' w/6-1/8" bit.
- 11-7-84: Ran 5", 15#, K-55, LT&C casing to 5550'.
- 11-8-84: Cemented 5" casing w/630 sx (718 cu.ft.) Class "B" + 1.7% D29 + 0.3% R-5.

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

SIGNED

*David B. Jensen*  
DAVID B. JENSEN

TITLE

ENGINEER

DATE

11/14/84

(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 TRIP  
(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.)

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Superior Oil Company

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  
2230' FSL; 765' FWL, Section 13

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
KB: 4543'; GL: 4531'

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-370

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

McElmo Creek

8. FARM OR LEASE NAME

9. WELL NO.

#F-23

10. FIELD AND POOL, OR WILDCAT

Greater Aneth  
11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA

Sec. 13, T41S, R24E

12. COUNTY OR PARISH 13. STATE

San Juan Utah

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

NOTICE OF INTENTION TO:

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) First Saleable Oil

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 15, 1984, Superior Oil Company first produced saleable oil from the subject well.

RECEIVED  
DEC 10 1984

DIVISION OF  
OIL, GAS & MINING

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

SIGNED David B. Jensen  
DAVID B. JENSEN

TITLE ENGINEER

DATE 11/21/84

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions  
verse side)

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

2

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-370

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NAVAJO

7. UNIT AGREEMENT NAME

McELMO CREEK UNIT

8. FARM OR LEASE NAME

9. WELL NO.

#F-23

10. FIELD AND POOL, OR WILDCAT

GREATER ANETH

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

SEC. 13, T41S, R24E, SLM

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.)

OIL WELL  GAS WELL  OTHER

RECEIVED  
DEC 14 1984  
DIVISION OF OIL, GAS & MINING

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 the State requirements. See also space 17 below.)  
At surface

2230' FSL, 765' FWL OF SECTION 13

14. PERMIT NO.

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

KB: 4543', GL: 4531'

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) Completion

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.) \*

- 11-12-84: MIRU completion rig. RIH w/ bit and scraper to 5517'. Tested to 2000 psi. Circulated clean.
- 11-13-84: Run GR-CCL-CBL-VDL w/ 1000 psi. TOC at 3990'.
- 11-14-84: RIH w/ tbg conveyed guns. Correlate to set pkr. Perf'd Desert Creek I at 5341-54', 5356-68', 2 JSPF (52 holes, .43"). Dropped guns in rathole.
- 11-15-84: Acidized Desert Creek I w/ 4000 gals 28% HCL and 78 ball sealers at 2 BPM and 2800 psi average. Flowed 800 bbls at 5% oil cut, average 260 BFPN. FTP - 150 psi.
- 11-16-84: Flowed 2000 bbls at 150 psi FTP. RDMO rig. Well placed on production, flowing through tbg w/ BOP's for pressure control.

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

SIGNED Roberto Dentici

TITLE Engineer

DATE 12-07-84

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See instructions on reverse side)

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

12

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_  
 b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. REVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR  
**SUPERIOR OIL COMPANY**

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

4. LOCATION OF WELL (Report location clearly and in accordance with the State Department of Natural Resources)  
At surface **2230' FSL, 765' FWL OF SEC. 13**  
At top prod. interval reported below **Same** *NW SW*  
At total depth **Same**

RECEIVED  
DEC 14 1984  
DIVISION OF  
OIL, GAS & MINING

14. PERMIT NO. **43-037-31031** DATE ISSUED **17-5-84**

15. DATE SPUDED **10-16-84** 16. DATE T.D. REACHED **11-1-84** 17. DATE COMPL. (Ready to prod.) **11-16-84** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* **KB: 4543; GL: 4531'** 19. ELEV. CASINGHEAD **4532'**

20. TOTAL DEPTH, MD & TVD **5550'** 21. PLUG, SACK T.D., MD & TVD **5517'** 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_ 23. INTERVALS DRILLED BY \_\_\_\_\_ ROTARY TOOLS **0-5550'** CABLE TOOLS **None**

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
**5341-5368, Desert Creek I**

26. TYPE ELECTRIC AND OTHER LOGS RUN  
**DIL-SFL, FDC-CNL, EPT, ML, CBL-VDL**

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"	54.5 K-55	118'	17-1/2"	50sx(256.5 cu.ft.) Class B	To surface
9-5/8"	36 K-55	1335'	12-1/4"	500 sx (770 cu.ft.) Lite &	50sx(175.5cuft 'E
7"	23 K-55	2640	8-3/4"	None, pipe stuck	to surface
5"	15 K-55	5550'	6-1/8"	630 sx (718 cu.ft.) Class B	TOC at 3990'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	5303'	5265'

31. PERFORATION RECORD (Interval, size and number)  
**5341-54', 5356-68' at 2 JSPF**  
**.43" holes**  
**52 holes total**

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5341-68 0/A	4000 gals 28% HCL w/ ball sealers

33. PRODUCTION

DATE FIRST PRODUCTION **11-15-84** PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) **Flowing** WELL STATUS (Producing or shut-in) **Producing**

DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-27-84	24	24/64	→	3	Not meas	3100	N/A

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
Not recorded	0	→	3	Not meas	3100	40.5

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

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 Roberto Dentici TITLE Engineer DATE 12-07-84

\*(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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
				Dakota Navajo Chinle DeChelly Hermosa Upper Ismay Lower Ismay Gothic Shale Desert Creek Chimney Rock	Surface 890' est 1410' est 2366' 4350' 5173' 5275' 5322' 5343' 5501'	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate  
(Other instructions  
verse side)

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

5. LEASE DESIGNATION AND SERIAL NO.  
14-20-603-370  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

12

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.)

NAVAJO

7. UNIT AGREEMENT NAME  
McELMO CREEK UNIT

8. FARM OR LEASE NAME

9. WELL NO.  
#F-23

10. FIELD AND POOL, OR WILDCAT  
GREATER ANETH

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SEC. 13, T41S, R24E

12. COUNTY OR PARISH 13. STATE  
SAN JUAN UTAH

OIL WELL  GAS WELL  OTHER

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

2230' FSL, 765' FWL, SECTION 13

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
KB: 4543'; 4531'

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)

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.)\*

Superior Oil plans to run 5", 15#, K-55 csg from surface to TD (5550') since the 7", 23#, K-55 csg was stuck at 2640'.

The estimated cmt top is at 4000', but will be determined by CBL/VDL.

RECEIVED  
DEC 17 1984

DIVISION OF  
OIL, GAS & MINING

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

SIGNED *David B. Jensen*  
David B. Jensen

TITLE Engineer

DATE 12-12-84

(This space for Federal or State office use)

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE DATE

\*See Instructions on Reverse Side



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

October 4, 1985

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

Gentlemen:

Re: Well No. McElmo Creek F-23 - Sec. 13, T. 41S., R. 24E.,  
San Juan County, Utah - API #43-037-31031

According to our records a "Well Completion Report" filed with this office December 7, 1984 on the above referenced well indicates the following electric logs were run: Cement Bond Log. This office has not yet received these logs.

Please take care of this matter as soon as possible, but not later than October 18, 1985.

Your cooperation in this matter is appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Pam Kenna".

Pam Kenna  
Well Records Specialist

Enclosure  
cc: Dianne R. Nielson  
Ronald J. Firth  
John R. Baza  
File

0170S/25

# Mobil Oil Corporation

P.O. BOX 5444  
DENVER, COLORADO 80217

November 11, 1985

RECEIVED

NOV 14 1985

DIVISION OF OIL  
GAS & MINING

State of Utah Natural Resources  
Oil, Gas & Mining  
Attn: Ms. P. Kenna  
355 W. North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

0.21 - GOVERNMENTAL REPORTING  
McELMO CREEK UNIT F-23

415.24 E. 13

Dear Ms. Kenna:

In reference to the above subject property, attached is the Cement Bond Log requested.

If additional information is needed, please call Claude Corpian at (303) 298-2031.

Very truly yours,

*J. E. Dawson*

J. E. Dawson  
Producing Accounting Supervisor

CGCorpian/kms  
o11c-219d  
Attachment

# Mobil Oil Corporation

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

May 14, 1986

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

Attn: R. J. Firth  
Associate Director

**RECEIVED**  
MAY 16 1986

DIVISION OF  
OIL, GAS & MINING

## SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

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

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

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

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

Very truly yours,



CNE/rd  
CNE8661

R. D. Baker  
Environmental Regulatory Manager

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

PROPERTY NAME	WELL NAME	COUNTY	STATE	SEC	TWNSHP	RNG	WELL TYPE	STATUS	AFL NUMBER	FEDERAL LEASE NUMBER	STATE NUMBER	UNIT NUMBER
MC ELMO CREEK	F-18	SAN JUAN	UT	SW	NW	12-41S-24E	PROD	OP	43-037-20184	14-20-603-5447		96-004190
	F-20	SAN JUAN	UT	SW	SW	12-41S-24E	PROD	OP	43-037-15707	14-20-603-5450		96-004190
	F-21	SAN JUAN	UT	NW	NW	13-41S-24E	COMP		43-037-31063	14-20-603-370		96-004190
	F-22	SAN JUAN	UT	SW	NW	13-41S-24E	PROD	OP	43-037-15947	14-20-603-370		96-004190
	F-23	SAN JUAN	UT	NW	SW	13-41S-24E	PROD	OP	43-037-31031	14-20-603-370		96-004190
	F-24	SAN JUAN	UT	SW	SW	13-41S-24E	PROD	OP	43-037-15948	14-20-603-370		96-004190
	F-25	SAN JUAN	UT	NW	NW	24-41S-24E	COMP		43-037-31032	14-20-603-370		96-004190
	F-26	SAN JUAN	UT	SW	NW	24-41S-24E	PROD	OP	43-037-15949	14-20-603-370		96-004190
	F15A	SAN JUAN	UT	NW	SW	01-41S-24E	INJ	OP	43-037-31149	14-20-603-4032		96-004190
	G-11	SAN JUAN	UT	NE	SW	36-40S-24E	PROD	OP	43-037-30376	14-20-603-6146		96-004190
	G-12	SAN JUAN	UT	SE	SW	36-40S-24E	PROD	OP	43-037-15618	14-20-603-6146		96-004190
	G-13	SAN JUAN	UT	NE	NW	01-41S-24E	PROD	OP	43-037-30363	14-20-603-4032		96-004190
	G-14	SAN JUAN	UT	SE	NW	01-41S-24E	PROD	OP	43-037-16143	14-20-603-4032		96-004190
	G-16	SAN JUAN	UT	SE	SW	01-41S-24E	PROD	OP	43-037-16144	14-20-603-4032		96-004190
	G-17	SAN JUAN	UT	NE	NW	12-41S-24E	PROD	OP	43-037-30378	14-20-603-4039		96-004190
	G-18	SAN JUAN	UT	SE	NW	12-41S-24E	INJ	OP	43-037-15494	14-20-603-4039		96-004190
	G-18B	SAN JUAN	UT	NW	NE	12-41S-24E	PROD	OP	43-037-30399	14-20-603-4039		96-004190
	G-19	SAN JUAN	UT	NE	SW	12-41S-24E	INJ	OP	43-037-05532	14-20-603-5450		96-004190
	G-20	SAN JUAN	UT	SE	SW	12-41S-24E	COMP		43-037-31188	14-20-603-5450		96-004190
	G-21	SAN JUAN	UT	NE	NW	13-41S-24E	INJ	SI	43-037-16347	14-20-603-370		96-004190
	G-21A	SAN JUAN	UT	NE	NW	13-41S-24E	INJ	OP	43-037-30974	14-20-603-370		96-004190
	G-22	SAN JUAN	UT	NE	NW	13-41S-24E	PROD	TA	43-037-31204	14-20-603-370		96-004190
	G-23	SAN JUAN	UT	NE	SW	13-41S-24E	INJ	OP	43-037-16348	14-20-603-370		96-004190
	G-24	SAN JUAN	UT	SE	SW	13-41S-24E	PROD	OP	43-037-31008	14-20-603-370		96-004190
	G-25	SAN JUAN	UT	NE	NW	24-41S-24E	INJ	OP	43-037-16349	14-20-603-370		96-004190
	H-11	SAN JUAN	UT	NW	SE	36-40S-24E	INJ	OP	43-037-05739	14-20-603-6145		96-004190
	H-12	SAN JUAN	UT	SW	SE	36-40S-24E	PROD	OP	43-037-30360	14-20-603-6145		96-004190
	H-13	SAN JUAN	UT	NW	NE	01-41S-24E	INJ	OP	43-037-05700	14-20-603-4032		96-004190
	H-14	SAN JUAN	UT	SW	NE	01-41S-24E	PROD	OP	43-037-30362	14-20-603-4032		96-004190
	H-15	SAN JUAN	UT	NW	SE	01-41S-24E	INJ	OP	43-037-05666	14-20-603-4039		96-004190

EXPRESS MAIL ROUTING IP

PAM	2-14	3:30
TAMI	2-18	8:00
VICKY		11:25 UC
CLAUDIA		11:42 G
STEPHANE	2-18	12:00 J
CHARLES	CO 2-18	1:07
RULA	Rm 2-18	1:53
MARY ALICE	MAP 2-19	10:24
CONNIE	CD 2-19	10:40
MILLIE	MS 3-33	

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**SUBMIT IN TRIP**  
(Other instructions  
reverse side)

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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Use "APPLICATION FOR PERMIT—" for such proposals.)

OIL WELL  GAS WELL  OTHER

1. NAME OF OPERATOR  
**SUPERIOR OIL COMPANY, through its Agent, MOBIL OIL CORP.**

2. ADDRESS OF OPERATOR  
**P. O. DRAWER 'G', CORTEZ, COLORADO 81321**

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

**2230' FSL & 765' FWL**

14. PERMIT NO.  
**43-037-31031**

15. ELEVATIONS (Show whether SP, RT, GR, etc.)  
**4531' GL**

5. LEASE DESIGNATION AND SERIAL NO.  
**14-20-603-370**

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

7. UNIT AGREEMENT NAME  
**MCELMO CREEK**

8. FARM OR LEASE NAME

9. WELL NO.  
**F-23**

10. FIELD AND POOL, OR WILDCAT  
**GREATER ANETH**

11. SEC., T., R., M., OR BLK. AND SURVEY OR ALBA  
**Sec. 13, T41S, R24E**

12. COUNTY OR PARISH  
**SAN JUAN**

13. STATE  
**UTAH**

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

**NOTICE OF INTENTION TO:**

TEST WATER SHUT-OFF   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
(Other)

PULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANE

**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.)\*

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

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

Superior Oil Co.  
Began Drilling: 10/16/84  
Finished Drilling: 11/8/84

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

SIGNED *Chyle J. Benally*  
C. J. Benally  
(This space for Federal or State office use)

TITLE Sr. Regulatory Engineer

DATE 2/5/86

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**SUBMIT IN TRIP DATE**  
(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

1. NAME OF OPERATOR  
**SUPERIOR OIL COMPANY, through its Agent, MOBIL OIL CORP.**

2. ADDRESS OF OPERATOR  
**P. O. DRAWER 'G', CORTEZ, COLORADO 81321**

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

**2230' FSL & 765' FWL**

14. PERMIT NO.  
**43-037-31031**

15. ELEVATIONS (Show whether 57, 57, or, etc.)  
**4531' GL**

4. LEASE DESIGNATION AND SERIAL NO.  
**14-20-603-370**

5. BY INDIAN, ALLOTTEE OR TRIBE NAME  
**NAVAJO**

7. UNIT AGREEMENT NAME  
**MCELMO CREEK**

8. FARM OR LEASE NAME

9. WELL NO.  
**F-23**

10. FIELD AND POOL, OR WILDCAT  
**GREATER ANETH**

11. SEC., T., R., N., OR BLE. AND SURVEY OR AREA  
**Sec. 13, T41S, R24E**

12. COUNTY OR PARISH    13. STATE  
**SAN JUAN                      UTAH**

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

**NOTICE OF INTENTION TO :**

TEST WATER SHUT-OFF   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
(Other)

PULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANE

**SUBSEQUENT REPORT OF :**

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

REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*

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

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

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 connecte 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 c well location. Existing electrical power to the well will be used for this cathodic protecti system.

Superior Oil Co.  
Began Drilling: 10/16/84  
Finished Drilling: 11/8/84

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

SIGNED Clyde J. Benally  
C. J. Benally  
(This space for Federal or State office use)

TITLE Sr. Regulatory Engineer

DATE 2/5/86

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

TITLE \_\_\_\_\_ DATE \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

101522

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

2

**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 type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-370
2. NAME OF OPERATOR MOBIL OIL CORPORATION		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  2230' FSL, 765' FWL, SECTION 13		8. FARM OR LEASE NAME
14. PERMIT NO. 43-037-31031	15. ELEVATIONS (Show whether DF, RT, GR, etc.) GL: 4531'	9. WELL NO. F-23
		10. FIELD AND POOL, OR WILDCAT GREATER ANETH
		11. SEC., T., R., M., OR B.L.K. AND SURVEY OR AREA SEC. 13, T41S, R24E, SLM
		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) <u>Shut-In</u>	<input checked="" type="checkbox"/>
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

McElmo Creek Unit F-23 has been shut-in as non-commercial. On 09/29/86 the well produced 0 BOPD and 28 BWP. We request approval to leave the well shut-in until expansion of the CO<sub>2</sub> flood, in the 3rd Quarter of 1987, permits profitable production of this well.

**RECEIVED**  
OCT 08 1986

DIVISION OF  
OIL, GAS & MINING

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

SIGNED P. S. Heide TITLE Engineer DATE 10-06-86  
Paul S. Heide  
(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 INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

1. Oil Well  Gas Well  Other:

2. Name of Operator

MOBIL OIL CORPORATION

3. Address of Operator

P. O. DRAWER 6, CORTEZ, CO. 81321

4. Location of Well

2230' FSL, 765' FWL

14. Permit No.

43-037-31031

15. Elevations (DF, RT, GR)

6L:4531'

5. Lease Designation &

S 1 No.

14-20-603-370

6. If Indian, Allottee or Tribe Name

NAVAJO

7. Unit Agreement Name

MCELMO CREEK

8. Farm or Lease Name

9. Well No.

F-23

10. Field and Pool, or Wildcat

GREATER ANETH

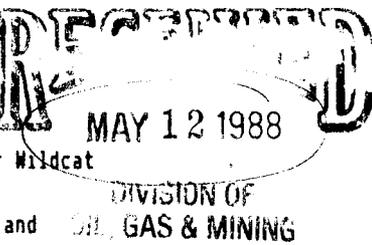
11. Sec. T,R,M or BLK and

Survey or Area

SEC. 13, T41S, R24E

12. County, Parish

SAN JUAN



13. State

UTAH

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

Notice of Intention To:

Subsequent Report of:

Test Water Shut-off <input type="checkbox"/>	Pull or Alter Casing <input type="checkbox"/>	Water Shut-off <input type="checkbox"/>	Repairing Well <input type="checkbox"/>
Fracture Treat <input type="checkbox"/>	Multiple Complete <input type="checkbox"/>	Fracture Treatment <input type="checkbox"/>	Altering Casing <input type="checkbox"/>
Shoot or Acidize <input type="checkbox"/>	Abandon <input checked="" type="checkbox"/>	Shooting/Acidizing <input type="checkbox"/>	Abandonment <input checked="" type="checkbox"/>
Repair Well <input type="checkbox"/>	Change Plans <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>			

TEMPORARILY ABANDON WELL

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

MCU F-23 FAILED CASING INTEGRITY TEST ON 4/21/88. AFTER FURTHER EVALUATION OF THIS WELL, MOBIL'S INTENT IS TO TEMPORARILY ABANDON THIS WELL. PROPOSED WORK INCLUDES SETTING CEMENT RETAINER IN 5" PRODUCTION STRING AT 5325'. DISPLACE 1.8 BBLs CEMENT ACROSS 27' OF DESERT CREEK I PERFS. STING OUT OF RETAINER AND DUMP .2 BBLs CEMENT ON TOP OF RETAINER. WILL THEN TIE ONTO WELLHEAD AND ATTEMPT TO DISPLACE CEMENT DOWN ANNULUS OF 5"/7" CASING TO PLUG OFF A SUSPECTED CHANNEL FROM PRIMARY CEMENT JOB. VERBAL APPROVAL ON PROCEDURES GIVEN BY STEVE MASON ON 4/3/88.

(1) TAS ✓  
(2) RWM ✓  
(3) File \_\_\_\_\_

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

Signed:

T.W. McPherson

Title: ENGINEER Date: 04/03/88

*Mason*

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

1. Oil Well  Gas Well  Other:  
2. Name of Operator  
MOBIL OIL CORPORATION  
3. Address of Operator  
P. O. DRAWER 6, CORTEZ, CO. 81321  
4. Location of Well  
2230' FML, 765' FML

14. Permit No. 15. Elevations (DF, RT, GR)  
GL:4531'

5. Lease Designation &  
Serial No. 030730  
14-20-603-370  
6. If Indian, Allottee or Tribe Name  
NAVAJO

7. Unit Agreement Name  
MCELMO CREEK  
8. Farm or Lease Name SOW/OSCR  
9. Well No. 43-037-31031  
F-23  
10. Field and Pool, or Wildcat  
GREATER ANETH  
11. Sec. T,R,M or BLK and  
Survey or Area  
SEC. 13, T41S, R24E  
12. County, 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"/>    | Abandonment <input type="checkbox"/>          | Shooting/Acidizing <input type="checkbox"/>  | Abandonment <input type="checkbox"/>     |
| Repair Well <input type="checkbox"/>         | Change Plans <input type="checkbox"/>         | (Other) <input type="checkbox"/>   |  |
| (Other) <input checked="" type="checkbox"/>  |   | (NOTE: Report results of multiple completion on<br>Well Completion or Recompletion Report and Log Form.) |  |
- EXTENSION ON LTSI STATUS OF F-23

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

Previous LTSI status was pending CO2 expansion to make F-23 an economical producer. Currently, the CO2 expansion has been delayed due to economics. Mobil's intent is to hold this well until the CO2 expansion is complete and then re-evaluate F-23 as an economical producer.

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

Signed: Wayne McPherson Title: ENGINEER Date: 02/25/88  
T.W. McPHERSON

(This space for Federal or State office use)

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

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

1. Oil Well  Gas Well  Other:

2. Name of Operator  
MOBIL OIL CORPORATION

3. Address of Operator  
P. O. DRAWER 6, CORTEZ, CO. 81321

4. Location of Well  
2230' FNL, 765' FWL

14. Permit No. 43-037-31031 15. Elevations (DF, RT, GR)  
6L:4531'

5. Lease Designation &  
Serial No.  
14-20-603-370

6. If Indian, Allottee or Tribe Name  
NAVAJO

7. Unit Agreement Name  
MCELMO CREEK

8. Farm or Lease Name

9. Well No.  
F-23

10. Field and Pool, or Wildcat  
GREATER ANETH

11. Sec. T,R,M or BLK and  
Survey or Area  
SEC. 13, T41S, R24E

12. County, Parish 13. State  
SAN JUAN UTAH

RECORDED  
MAY 12 1988

DIVISION OF  
OIL, GAS & MINING

12

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

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

TEMPORARY ABANDONMENT OF MCU F-23

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

MCU F-23 WAS TEMPORARILY ABANDONED ON 4/4/88. 1.8 BBLs OF 14.7 PPG THIXOTROPIC CEMENT WAS SPOTTED ACROSS 27' OF DESERT CREEK I PERFS BELOW CEMENT RETAINER SET AT 5325'. STUNG OUT OF RETAINER AND DUMPED .2 BBLs CEMENT ON TOP OF RETAINER. TIED ONTO WELLHEAD AND ATTEMPTED UNSUCCESSFULLY TO DISPLACE CEMENT DOWN 5"/7" ANNULUS TO PLUG OFF A SUSPECTED CHANNEL FROM PRIMARY CEMENT JOB. PRESSURED UP TO 2000 PSI, DISPLACED .25 BBLs WATER BEFORE SHUTTING DOWN. AFTER JOB WAS COMPLETE, 5" CASING HAD 0 PSI SURFACE PRESSURE AND 7" HAD 5 PSI SURFACE PRESSURE.

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

Signed: T.W. McPherson Title: ENGINEER Date: 05/04/88  
T.W. MCPHERSON

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

1. Oil Well  Gas Well  Other:

2. Name of Operator  
MOBIL OIL CORPORATION

3. Address of Operator  
P. O. DRAWER 6, CORTEZ, CO. 81321

4. Location of Well  
2230' FNL, 765' FWL

43-037-31031

14. Permit No. 15. Elevations (DF, RT, GR)  
6L:4531'

5. Lease Designation &  
Serial No.  
14-20-603-370

6. If Indian, Allottee or Tribe Name  
NAVAJO

7. Unit Agreement Name  
MCELMO CREEK

8. Farm or Lease Name

9. Well No.  
F-23

10. Field and Pool, or Wildcat  
GREATER ANETH

11. Sec. T,R,M or BLK and  
Survey or Area  
SEC. 13, T41S, R24E

12. County, 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/Acidizing <input type="checkbox"/>	Abandonment <input type="checkbox"/>
Repair Well <input type="checkbox"/>	Change Plans <input type="checkbox"/>	(Other) <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>			

RESULTS FROM CASING INTEGRITY TEST PERFORMED 4/21/88.

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

INITIAL PRESSURE ON TUBING/CASING ANNULUS = 1500 PSI. FLOWED BACK 3 BBLs, REDUCING PRESSURE TO 500 PSI. PRESSURED UP TO 1500 PSI. HELD FOR 15 MINS, PRESSURE AT END OF 15 MINUTES = 1500 PSI. MOBIL SUSPECTS PACKER LEAK. WILL REPAIR PACKER AND RE-TEST. BLM WILL BE NOTIFIED BEFORE RE-TEST.

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

Signed: T. W. McPherson Title: ENGINEER Date: 04/22/88

T.W. McPHERSON

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

5. Lease Designation &  
Serial No.  
14-20-603-370  
6. If Indian, Allottee or Tribe Name  
NAVAJO

1. Oil Well  Gas Well  Other:

2. Name of Operator  
MOBIL OIL CORPORATION  
3. Address of Operator  
P. O. DRAWER G, CORTEZ, CO. 81321  
4. Location of Well

2230' FSL, 765' FWL

RECEIVED  
MAR 06 1989

DEPT OF  
OIL, GAS & MINING

Unit Agreement Name  
MCCLINO CREEK  
Farm or Lease Name  
MCCLINO CREEK UNIT  
7. Well No.

F-23  
10. Field and Pool, or Wildcat  
GREATER ARBYH

11. Sec. T,R,N or BLK and  
Survey or Area  
SEC. 13, T41S, R24E  
12. County, Parish 13. State  
SAN JUAN UTAH

14. Permit No. 15. Elevations (DF, RT, GR)  
GL:4531' KB:4543'

43-037-31031

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

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

EXTENSION OF LONG TERM SHUT-IN STATUS

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

Mobil Oil requests further extension for the long term shut-in status of this well. Flood development over the past year did not affect this well. Additional time will be needed to evaluate this well as an economical producer as the CO2 flood expands. Mobil will perform a casing integrity test at the request of the Bureau of Land Management.

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

Signed: T.W. McPherson Title: ENGINEER Date: 2/27/89  
T.W. McPHERSON

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

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

UNITED STATES  
 DEPARTMENT OF INTERIOR  
 BUREAU OF LAND MANAGEMENT

Submit Original & 6 Copies

SUNDRY NOTICES AND REPORTS ON WELLS

1. Oil Well  Gas Well  Other

2. Name Of Operator  
 MOBIL OIL CORPORATION

3. Address Of Operator  
 P.O. DRAWER G. CORTEZ, CO. 81321

4. Location of Well  
 2230' FSL, 765' FWL

14. Permit Number  
 API 43-037-31031

15. Elevation  
 GL: 4531' KB: 4543

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

Notice of Intention To:

Test Water Shut-off <input type="checkbox"/>	Pull or Alter Casing <input type="checkbox"/>
Fracture Treat <input type="checkbox"/>	Multiple Complete <input type="checkbox"/>
Shoot or Acidize <input type="checkbox"/>	Abandon <input type="checkbox"/>
Repair Well <input type="checkbox"/>	Change Plans <input type="checkbox"/>
OTHER <u>Long Term Shut In</u> <input checked="" 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 type="checkbox"/>	Abandonment <input type="checkbox"/>
OTHER _____ <input type="checkbox"/>	

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

6. Indian, Allottee Tribe Name  
 Navajo Tribal

7. Unit Agreement Name  
 McElno Creek

8. Farm or Lease Name  
 McElno Creek Unit

9. Well No.  
 F-23

10. Field & Pool, or Wildcat  
 Greater Aneth

11. Sec., T., R.,  
 Sec 13, T41S, R24E

12. County I 13. State  
 San Juan I Utah

17. Describe Proposed or Completed Operations

Mobil requests an extension of the shut-in/TA'd status of this well. Mobil is in the final phase of the field-wide CO2 injection distribution system and total upgrade of the water injection system. Evaluation of each well is being implemented to determine extent to down-hole reconditioning for injection and to determine strategies for sequential implementation of CO2 flooding. Reactivating wells to CO2 flooding and/or making final determination on each well is projected to be done within one to two years.

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

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

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

Signed Clyde J. Benally  
 C. J. Benally

Title Sr. Environmental Engineer Date 3/30/90

Approved By \_\_\_\_\_

Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of Approval If Any:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. 14-20-603-370
2. Name of Operator MOBIL OIL CORPORATION	6. If Indian, Allottee or Tribe Name NAVAJO TRIBAL
3. Address and Telephone No. P.O. BOX 633   MIDLAND, TX 79702   (915) 688-2585	7. If Unit or CA, Agreement Designation MCELMO CREEK
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2230' FSL, 765' FWL   Sec. 13, T41S, R24E	8. Well Name and No. F-23
	9. API Well No. 43-037-31031
	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 type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>SI/TA EXTENSION</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.)  
**MOBIL REQUESTS AN EXTENSION OF THE SHUT-IN/TA'D STATUS OF THIS WELL. MOBIL IS IN THE FINAL PHASE OF THE FIELD-WIDE CO2 INJECTION DISTRIBUTION SYSTEM AND TOTAL UPGRADE OF THE WATER INJECTION SYSTEM. EVALUATION OF EACH WELL IS BEING IMPLEMENTED TO DETERMINE EXTENT TO DOWN-HOLE RECONDITIONING FOR INJECTION. REACTIVATING WELLS TO CO2 FLOODING AND/OR MAKING FINAL DETERMINATION ON EACH WELL IS PROJECTED TO BE DONE WITHIN ONE TO TWO YEARS OR TO PLUG AND ABANDON WELL.**

**RECEIVED**

APR 22 1991

DIVISION OF  
OIL GAS & MINING

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

Signed Shirley Todd SHIRLEY TODD Title \_\_\_\_\_ Date 4/19/91

(This space for Federal or State office use)

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

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.  
14-20-603-370

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation  
MCELMO CREEK

8. Well Name and No.  
F-23

9. API Well No.  
43-037-31031

10. Field and Pool, or Exploratory Area  
GREATER ANETH

11. County or Parish, State  
SAN JUAN, UTAH

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

MOBIL 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)

2230' FSL, 765' FWL SEC. 13, T41S, R24E

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>SI/TA EXTENSION</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.)\*

MOBIL REQUESTS AN EXTENSION OF THE SHUT-IN/TA'D STATUS OF THIS WELL. MOBIL IS IN THE FINAL PHASE OF THE FIELD-WIDE CO2 INJECTION DISTRIBUTION SYSTEM AND TOTAL UPGRADE OF THE WATER INJECTION SYSTEM. EVALUATION OF EACH WELL IS BEING IMPLEMENTED TO DETERMINE EXTENT TO DOWN-HOLE RECONDITIONING FOR INJECTION. REACTIVATING WELLS TO CO2 FLOODING AND/OR MAKING FINAL DETERMINATION ON EACH WELL IS PROJECTED TO BE DONE WITHIN ONE TO TWO YEARS OR TO PLUG AND ABANDON WELL.

**RECEIVED**

APR 06 1992

*4-13-92*  
*J. J. Jenkins*

DIVISION OF  
OIL GAS & MINING

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

Signed Shirley Dodd

Title Emer. & Reg. Technician

Date 4-2-92

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

SUBMITTED IN TRIPPLICATE

FEB 12 1993

1. Type of Well  
 Oil Well     Gas Well     Other

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)  
**2230' FSL, 765' FWL SEC. 13, T41S, R24E**

5. Lease Designation and Serial No.  
**14-20-603-370**

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

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

8. Well Name and No.  
**F-23**

9. API Well No.  
**43-037-31031**

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

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*  
**MOBIL REQUESTS AN EXTENSION OF THE SHUT-IN/TA'D STATUS OF THIS WELL. MOBIL IS IN THE FINAL PHASE OF THE FIELD-WIDE CO2 INJECTION DISTRIBUTION SYSTEM AND TOTAL UPGRADE OF THE WATER INJECTION SYSTEM. EVALUATION OF EACH WELL IS BEING IMPLEMENTED TO DETERMINE EXTENT TO DOWN-HOLE RECONDITIONING FOR INJECTION. REACTIVATING WELLS TO CO2 FLOODING AND/OR MAKING FINAL DETERMINATION ON EACH WELL IS PROJECTED TO BE DONE WITHIN ONE TO TWO YEARS OR TO PLUG AND ABANDON WELL.**

THIS APPROVAL EXPIRES APR 01 1993

RECEIVED  
 APR 20 1992  
 AREA MANAGER

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

Signed Shirley Dodd Title Env. & Reg. Technician Date 4-2-92

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date APR 20 1992

Conditions of approval, if any: \_\_\_\_\_

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.  
14-20-603-370

6. If Indian, Allottee or Tribe Name  
NAVAJO TRIBAL

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

8. Well Name and No.  
F-23

9. API Well No.  
43-037-31031

10. Field and Pool, or Exploratory Area  
GREATER ANETH

11. County or Parish, State  
SAN JUAN, UT

SUBMIT IN TRIPLICATE

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**MOBIL 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)  
**2230' FSL, 765' FWL SEC. 13, T41S, R24E**

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent <input checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input type="checkbox"/> Other <u>SI EXTENTION</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 <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*  
**MOBIL REQUESTS AN EXTENSION OF THE SHUT-IN STATUS OF THIS WELL. THE WELL IS UNECONOMICAL TO PRODUCE AND IS UNDER ENGINEER EVALUATION.**

**RECEIVED**

APR 19 1993

DIVISION OF  
OIL GAS & MINING

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

Signed Shirley Todd **SHIRLEY TODD** Title **ENGINEERING TECHNICIAN** Date **4-14-93**

(This space for Federal or State office use)

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

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



McElmo Creek Unit F-23  
Uneconomical Well

PLUG AND ABANDONMENT PROCEDURE

NOTE: Any revisions to the following procedure are subject to Mobil and BLM approval.

1. Notify Mark Kelley with the Bureau of Land Management at 505/599-8900 at least 48 hours prior to plugging the well. Document date/time BLM is notified and also document the date/time that BLM representative is on location.
2. MI workover rig. Load well with lease water. NU and PT BOP's. RIH with 4-1/4" bit without nozzles, bulldog bailer and casing scraper for 5". 15 lb/ft casing on 2-7/8" workstring and CO to PBTD at +/- 5315'. POH. RIH with 500' of 2-3/8" CS Hydril tailpipe on 2-7/8" workstring and tag PBTD at +/- 5315'. Spot 26 cu ft of class B 15.6 ppg neat cement from 5315'-5075'. Pull out of cement plug at less than 30 ft/min. Reverse out hole to 9 ppg fresh water mud having a minimum viscosity of 50 sec/qt containing a minimum of 15 lbs/bbl of sodium bentonite and a nonfermenting polymer. WOC.
3. Tag top of cement plug with workstring. Cement top must be above 5125'. Spot additional cement as necessary.
4. PU to 4450' and spot 21 cu ft of class B 15.6 ppg neat cement from 4450'-4250'. Pull out of cement plug at less than 30 ft/min. WOC.
5. Tag top of cement plug with workstring. Cement top must be above 4300'. Spot additional cement as necessary. POH laying down all but 1415' of 2-7/8" workstring.
6. RIH with Servco K-mill or equivalent for 5", 15 lb/ft casing and drill collars as necessary on 2-7/8" workstring. Cut casing at 1415' and mill 1 ft to confirm cut. Spear and recover 5", 15 lb/ft casing. RIH with Servco K-mill or equivalent for 7", 23 lb/ft casing and drill collars as necessary on 2-7/8" workstring. Cut casing at 1400' and mill 1 ft to confirm cut. POH laying down all but 900' of 2-7/8" workstring. Spear and recover 7", 23 lb/ft casing. If both casing strings were recovered Go To Step No. 9.

7. If unable to recover 5" casing string . RU wireline unit. RIH with 3-3/8" perforating gun loaded with deep penetrating charges at 4 SPF. 90 degree phasing and perforate 1396'-1400'. POH. RIH with cement retainer on wireline and set at 1350'. POH. RD wireline unit. RIH with star-guide stinger on 500' of 2-3/8" CS Hydril tubing and 2-7/8" workstring. Sting into cement retainer at 1350' and pressure backside to 200 psi and monitor. Establish injection rate of 1-2 BPM using 9 ppg mud taking returns on 5" and 7" casing annuli. If only one casing annulus has returns, shut it in and attempt to divert flow through the other annulus. Mix and pump 715 cu ft of class B neat 15.6 ppg cement (includes 100 percent excess as required by BLM) and displace cement to cement retainer diverting returns as necessary to place cement between the two casing annuli. Note: If get good uncontaminated cement returns, the pumping of cement can be discontinued. Pull out of cement retainer and fill the remaining hole with class B 15.6 ppg neat cement in 400 ft stages, laying down workstring while POH. Calculated volume required to fill hole is 143 cu ft. Go To Step No. 10.
8. If 5" casing was recovered and 7" casing is cut but cannot be recovered, RIH with cement retainer, 500' of 2-3/8" CS Hydril tubing and 2-7/8" workstring and set at 1350'. PT backside to 200 psi and monitor. Establish injection rate of 1-2 BPM using 9 ppg mud taking returns on 7" casing annulus. Mix and pump 489 cu ft of class B 15.6 ppg neat cement (includes 100 percent excess as required by BLM) and displace cement to cement retainer. Note: If get good uncontaminated cement returns, the pumping of cement can be discontinued. Pull out of cement retainer and reverse out with 9 ppg mud. POH and lay down drag block setting tool. RIH with 500' of 2-3/8" CS Hydril tailpipe on 2-7/8" workstring to top of cement retainer at 1350'. Fill hole with class B 15.6 ppg neat cement in 400' stages, laying down workstring while POH. Calculated volume required to fill hole is 298 cu ft. Go To Step No. 10.
9. RIH with 500' of 2-3/8" CS Hydril tailpipe on 2-7/8" workstring to 1400'. Fill hole from 1400' to surface with class B 15.6 ppg neat cement in 400' stages, laying down workstring while POH. Calculated volume required to fill hole is 606 cu ft.
10. If top of casing strings are above ground level, cut off casing strings at ground level. Top off all casing annuli with cement. Use 1" spaghetti string if necessary to spot cement. Weld on a 1/4" steel plate having a 1/4" weep hole. Steel plate should cover all casing strings and have the following information welded to the top of the plate:

Mobil E&P U.S.. Inc.  
McElmo Creek Unit #F-23  
Navajo Tribal Lease  
14-20-603-370  
2230' FSL. 765' FWL  
Sec. 13 - T41S - R24E  
San Juan Co.. Utah

11. RDMO workover rig. Haul off salvaged equipment and clean location. Notify Shirley Todd with Mobil at 918/688-2585 when work is completed so that a Sundry Notice (Subsequent Report of Abandonment, Form 3160-5) can be filed with the Bureau of Land Management.

Mobil Operations Engineer: Sean S. Murphy  
Office Phone: 303/565-2208  
Home Phone: 303/564-9423

McElmo Creek Unit # F-23

API # 43-037-31031

JOB OR AUTH. NO.

LOCATION 2230' FSL, 765' FWL Sec. 13-T41S-R24E

PAGE

SUBJECT Plug and Abandon

DATE 8/Sept/93

LEASE 14-20-603-370

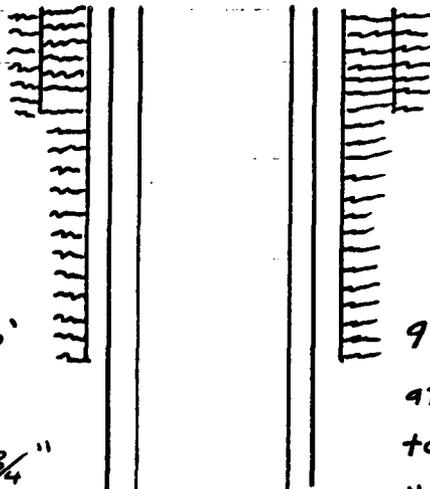
BY S. S. Murphy

EXISTING

KB 4543'  
GL 4531'

Top of Chinle at ±1300'

Hole Size: 8-3/4"



13-3/8", 54.5# K-55  
Csg at 118' cmt'd  
w/150 sxs to surface

9-5/8", 36# K-55 Csg  
at 1335' cmt'd w/650 sxs  
to surface

7", 23# K-55 Csg stuck  
at 2640'

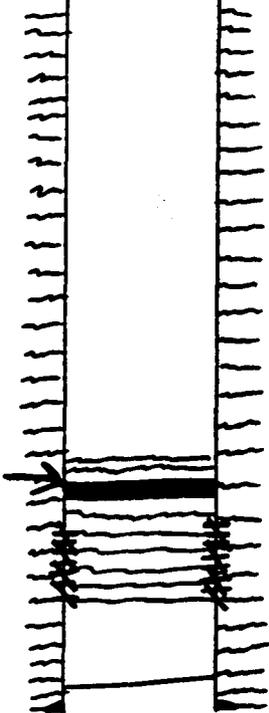
TOC at 3990' (Temp. Log)

Top of Hermosa at 4350'

Top of Ismay 5175'

Cmt. Ret. at 5325'  
w/10' Cmt. on top

Hole Size: 8-3/4"



PERFS

5341'-5354' 2SPF SQZD  
5356'-5368' 2SPF SQZD

5", 15# K-55 Csg at  
5550' cmt'd w/630 sxs

PBDT 5315'  
TD 5550'

# McElmo Creek Unit # F-23

API # 43-037-31031

JOB OR AUTH. NO.

LOCATION 2230' FSL, 765' FWL Sec. 13-T41S-R24E

PAGE

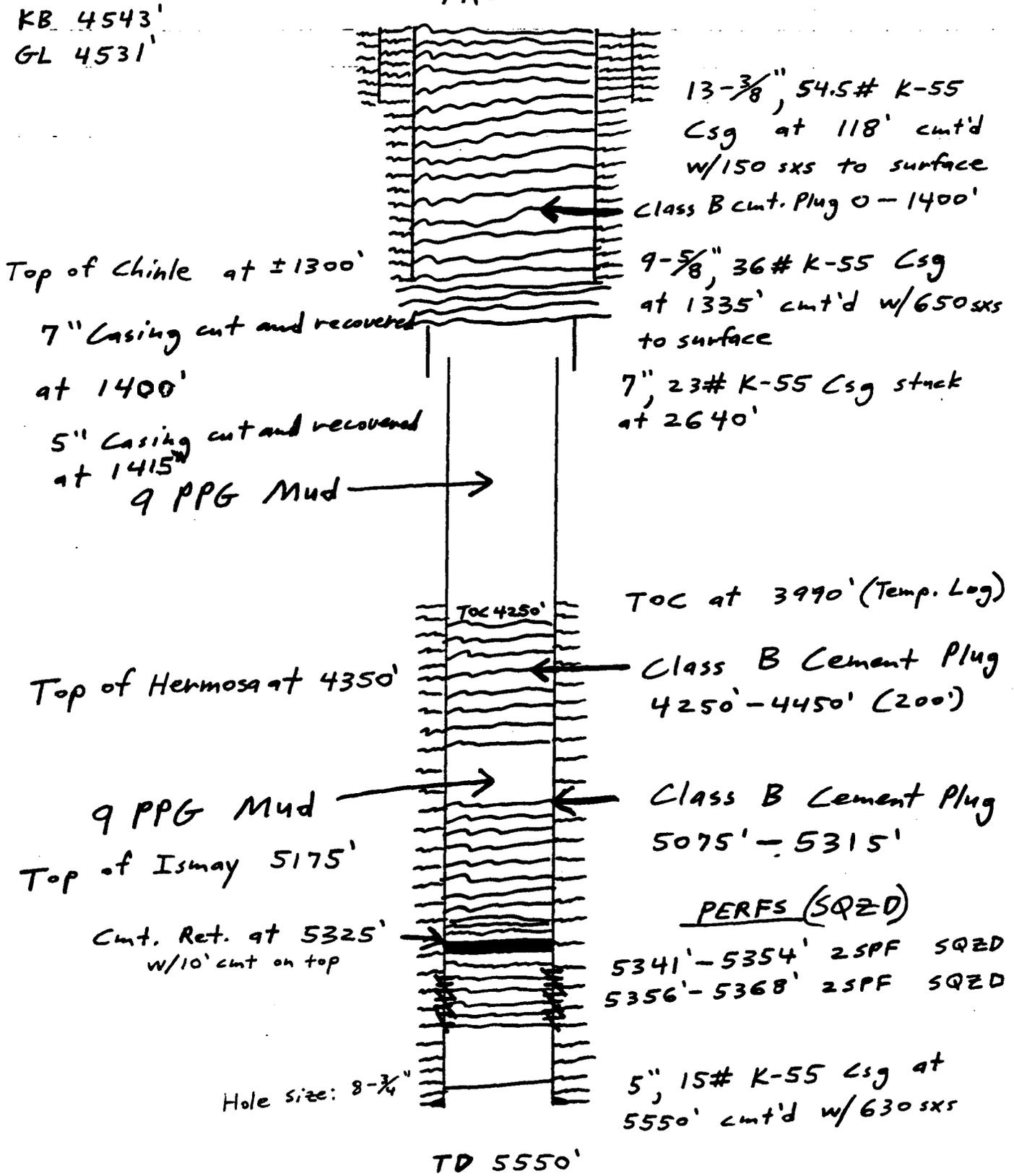
SUBJECT Plug and Abandon

DATE 8/Sept/93

LEASE 14-20-603-370

BY S. S. Murphy

## PROPOSED





UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No.  
See Listing below

6. If Indian, Allottee or Tribe Name  
NAVAJO TRIBAL

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
See Listing below

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

9. API Well No.  
See Listing below

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

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

10. Field and Pool, or Exploratory Area  
Greater Aneth

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

11. County or Parish, State  
San Juan, UTAH

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

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

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

Mobil Exploration & Producing US Inc. as agent for Mobil Producing Texas & New Mexico Inc. & Mobil Exploration & Producing North America Inc requests Final Clearance on the following Abandoned wells as listed in Letter 3160 (07200):

- 1) McElmo Creek T-04, 660' FSL & 1980' FEL, Sec. 21 T40S-R25E, Lease # 14-20-603-2048A; -43-037-16376
- 2) McElmo Creek T-06, 1980' FNL & 1980' FEL, Sec. 28 T40S-R25E, Lease # 14-20-603-2048A; -43-037-15332
- 3) McElmo Creek R-06, 1980' FNL & 660' FWL, Sec. 28 T40S-R25E, Lease # 14-20-603-2048A; -43-037-10341
- 4) McElmo Creek T-09, 790' FNL & 2035' FEL, Sec. 33 T40S-R25E, Lease # 14-20-603-2057; -43-037-16153
- 5) McElmo Creek F-23, 2230' FSL & 765' FWL, Sec. 13 T41S-R24E, Lease # 14-20-603-370; -43-037-11031
- 6) McElmo Creek F-24, 565' FSL & 760' FWL, Sec. 13 T41S-R24E, Lease # 14-20-603-370; -43-037-15948
- 7) McElmo Creek F-21, 852' FNL & 925' FWL, Sec. 13 T41S-R24E, Lease # 14-20-603-370; -43-037-16163
- 8) McElmo Creek W-14, 2065' FNL & 1820' FWL, Sec. 03 T41S-R25E, Lease # 14-20-603-2057; -43-037-16160
- 9) McElmo Creek W-16, 535' FSL & 1830' FWL, Sec. 03 T41S-R25E, Lease # 14-20-603-2057; -43-037-16161
- 10) McElmo Creek V-17, 447' FNL & 428' FWL, Sec. 10 T41S-R25E, Lease # 14-20-603-359; -43-037-15093
- 11) McElmo Creek L-27, 1980' FSL & 1980' FEL, Sec. 19 T41S-R25E, Lease # 14-20-603-264; -43-037-15509
- 12) McElmo Creek K-26, 1980' FNL & 1810' FWL, Sec. 19 T41S-R24E, Lease # 14-20-603-264; -43-037-15558
- 13) McElmo Creek N-25, 660' FNL & 660' FWL, Sec. 20 T41S-R25E, Lease # 14-20-603-264; -43-037-10559

DIVISION OF OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed) **MARK DEL PICO** Title **Regulatory Specialist**

Signature *Mark Del Pico* Date **11/16/00**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No.  
See Listing Below

6. If Indian, Allottee or Tribe Name  
NAVAJO TRIBAL

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

8. Well Name and No.  
See Listing Below

9. API Well No.  
See Listing Below

10. Field and Pool, or Exploratory Area  
Greater Aneth

11. County or Parish, State  
San Juan, UTAH

**SUBMIT IN TRIPLICATE - ONLY INSTRUCTIONS FOR FORM 3160-5**

1. Type of Well  
 Oil Well  Gas Well  Other

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

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

3b. Phone No. (include area code)  
713-431-1828

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

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

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

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

**BOND RELEASE: THE SUBJECT LOCATIONS HAVE BEEN RECLAIMED AND ARE READY FOR INSPECTION AND BOND RELEASE. PLEASE RELEASE MOBIL EXPLORATION & PRODUCING US INC. AS AGENT FOR MOBIL PRODUCING TX & NM INC. FROM ANY FURTHER LIABILITY FOR THESE LOCATIONS AND REMOVE THEM FROM THE FEDERAL BOND LISTING.**

1) McElmo Creek T-04,	660'FSL/1980'FEL,	Sec. 21 T40S-R25E,	Lease #14-20-603-2048A - 43-037-16376
2) McElmo Creek T-06,	1980'FNL/1980'FEL,	Sec. 28 T40S-R25E,	Lease #14-20-603-2048A - 43-037-15332
3) McElmo Creek R-06,	1980'FSL/660'FWL,	Sec. 28 T40S-R25E,	Lease #14-20-603-2048A - 43-037-10741
4) McElmo Creek T-09,	790'FNL/2035'FEL,	Sec. 33 T40S-R25E,	Lease #14-20-603-2057 - 43-037-16153
5) McElmo Creek F-23,	2230'FSL/765'FWL,	Sec. 13 T41S-R24E,	Lease #14-20-603-370 - 43-037-31031
6) McElmo Creek F-24,	565'FSL/760'FWL,	Sec. 13 T41S-R24E,	Lease #14-20-603-370 - 43-037-15948
7) McElmo Creek F-21,	852'FNL/925'FWL,	Sec. 13 T41S-R24E,	Lease #14-20-603-370 - 43-037-31063
8) McElmo Creek W-14,	2065'FNL/1820'FWL,	Sec. 03 T41S-R25E,	Lease #14-20-603-2057 - 43-037-16160
9) McElmo Creek W-16,	535'FSL/1830'FWL,	Sec. 03 T41S-R25E,	Lease #14-20-603-2057 - 43-037-16161
10) McElmo Creek V-17,	447'FSL/1980'FEL,	Sec. 10 T41S-R25E,	Lease #14-20-603-359 - 43-037-20093
11) McElmo Creek L-27,	1980'FSL/1980'FEL,	Sec. 19 T41S-R25E,	Lease #14-20-603-264 - 43-037-15509
12) McElmo Creek K-26,	1980'FNL/1810'FWL,	Sec. 19 T41S-R24E,	Lease #14-20-603-264 - 43-037-10558
13) McElmo Creek N-25,	660'FNL/660'FWL,	Sec. 20 T41S-R25E,	Lease #14-20-603-264 - 43-037-10559

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

Name (Printed/Typed)  
Cathy Higginbotham

Signature *Cathy Higginbotham*

Title Staff Administrative Assistant

Date 1/10/01

**THIS SPACE FOR FEDERAL OR STATE OFFICIAL(S)**

Approved By \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

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

Office \_\_\_\_\_

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