

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  
 1988' FNL, 1892' FWL OF SEC. 24  
 At proposed prod. zone  
 Same

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

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)  
 650'

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.  
 1320'

19. PROPOSED DEPTH  
 5610'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 Ungraded GL: 4599'

22. APPROX. DATE WORK WILL START\*  
 June 1, 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.  
 G-26

10. FIELD AND POOL, OR WILDCAT  
 GREATER ANETH

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 SEC. 24, T41S, R24E

12. COUNTY OR PARISH  
 SAN JUAN

13. STATE  
 UTAH

23. 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 cmt to surface
12-1/4"	9-5/8"	36# K-55	1300'	750 sx cmt to surface
8-3/4"	7"	23# K-55	5610'	500 sx cmt or sufficient to cover zones of interest.

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

APPROVED BY THE STATE  
 OF UTAH DIVISION OF  
 OIL, GAS, AND MINING  
 DATE: 4-21-84  
 BY: [Signature]

RECEIVED  
 APR 23 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 T. Greg Merrion TITLE Petroleum Engineer DATE 4-18-84  
 T. Greg Merrion

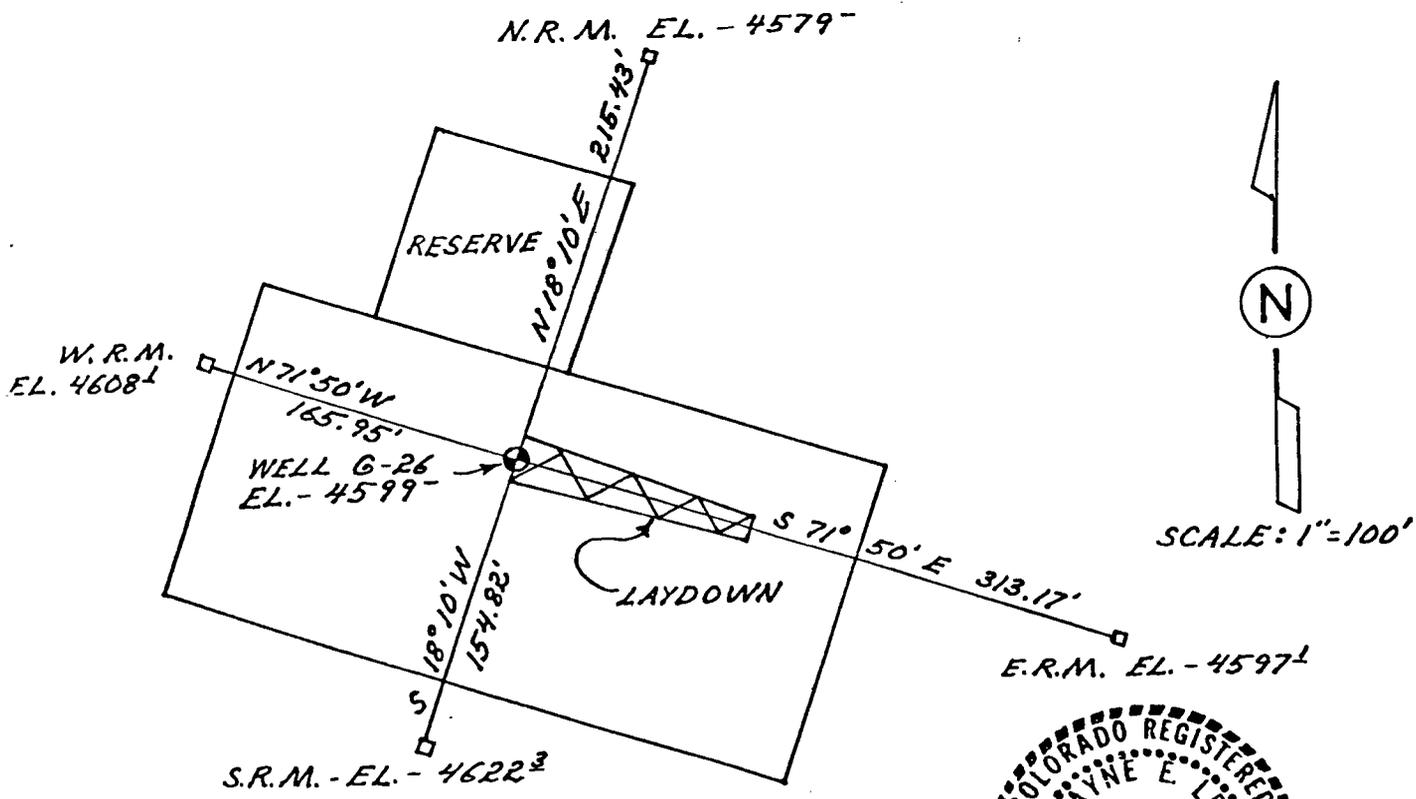
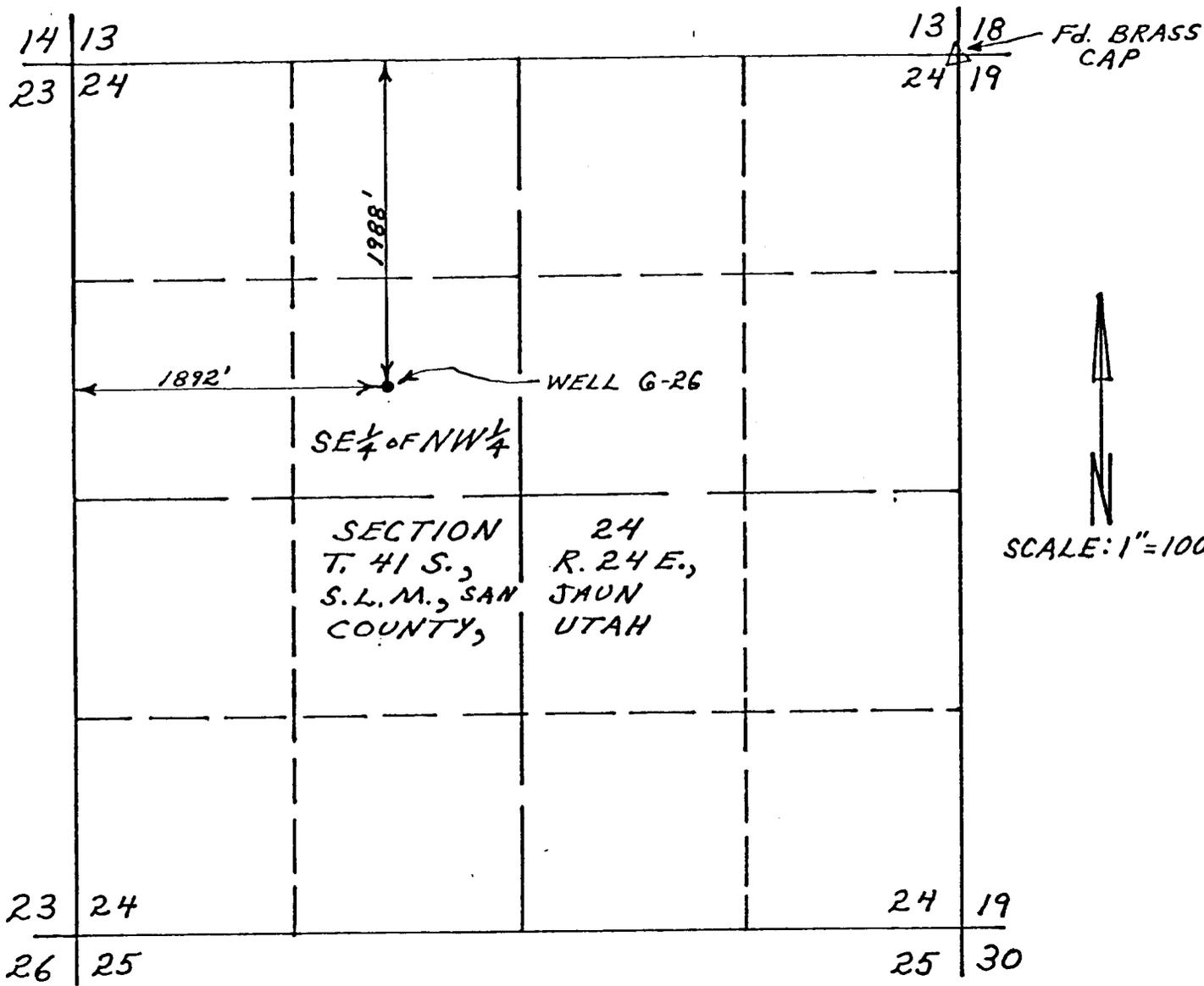
(This space for Federal or State office use)

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

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

\*See Instructions On Reverse Side

# SUPERIOR OIL COMPANY - WELL G-26



ELEV. BASED ON USGS MAP ELEV.  
AT NE COR. SEC. 24, 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'



UTAH # 6568

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

SUPPLEMENT TO FORM 3160-3

WELL: McELMO CREEK UNIT #G-26

ELEVATION: Ungraded GL: 4599'

SURFACE FORMATION: Dakota

ESTIMATED FORMATION TOPS:	<u>Formation</u>	<u>Top*</u>
	Chinle	1250'
	DeChelly	2451'
	Organ Rock	2681'
	Hermosa	4436'
	Ismay	5252'
	Lower Ismay	5367'
	Gothic Shale	5407'
	Desert Creek	5430'
	Chimney Rock Shale	5565'
	TD	5610'

\*Measured from KB Datum.

WATER BEARING FORMATION: Fresh water is expected to be encountered intermittently from 100' to 1250'.

HYDROCARBON BEARING FORMATION: Oil & gas could be encountered in the Ismay and Desert Creek from 5252' to 5565'.

MUD PROGRAM:

- Surface to 100' - spud mud.
- 100' to 1300' - fresh water.
- 1300' to 2350' - fresh water/gel/polymer.
- 2350' to 5150' - lignosulfonate mud system.
- 5150' 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	0-1300'	12-1/4"	9-5/8"	36#	K-55	ST&C
Production	0-5610'	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: 4700'.

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 1300'.  
CNL/FDC: TD to 3610'.  
MICROLOG: TD to 3610'.

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: June 1, 1984

# SUPERIOR OIL

April 18, 1984

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

Re: Surface Use Development Plan  
Proposed Well  
McElmo Creek Unit #G-26  
1988' FNL, 1892' FWL  
Section 24, T41S, R24E SLM  
San Juan County, Utah

Gentlemen:

We submit the following Application with Plats for permission to drill the referenced well.

1. The existing roads are shown on the attached drill site & facilities plats. Direction to the location from Montezuma Creek, Utah are as follows:

From the San Juan River Bridge at Montezuma Creek go south on the black top 0.4 miles to the Red Mesa Highway. Go southeast 1.2 miles to a gravel road on the left. Proceed southeast on the gravel road paralleling the river 5 miles. Turn right 0.6 miles to the location. (Refer to Plat No. 1).

2. No access road will be constructed. The location is on the edge of an existing road.
3. Location of existing wells within one mile (refer to Plat No. 5).
  - a. Water wells - none.
  - b. Abandoned wells - 2
  - c. Temporarily abandoned wells - 2.
  - d. Disposal wells - none.
  - e. Drilling wells - none.
  - f. Producing wells - 10.
  - g. Shut-in wells - none.
  - h. Injection wells - 5.

## **SUPERIOR OIL**

4. There is one existing producing facility owned and controlled by Superior Oil within a one-mile radius. A 5000' flowline will be laid north from the proposed location to the facility. (Refer to Plat No. 4).
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 to 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 the 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 restoration 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 south-west of the location, no seeding is required.
11. Surface land is owned by the Navajo Tribe and is used primarily for grazing. Vegetation consists of Galleta, Alkali Sacaton, Black Brush, Mountain Mahogany, Two Scale Mormon Tea, Rabbit Brush and Narrow Leaf Yucca. There are no Indian habitations or artifacts in the immediate vicinity of the access road, flowline or drill site.

# **SUPERIOR OIL**

12. Superior's representatives:

Permitting - Wm. H. Edwards

Construction - C. D. Likes

Drilling - J. E. Gagneaux

Production - D. C. Collins

Mailing address - P. O. Drawer 'G', Cortez, Colorado 81321

Telephone (24 hours) - 303-565-3733

Dirt Contractor - Perry McDonald Construction

P. O. Box 1750, Cortez, Colorado 81321

Telephone - 303-565-3656

Drilling Contractor - not determined at this time.

13. 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 presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by the SUPERIOR OIL COMPANY and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Respectfully submitted,

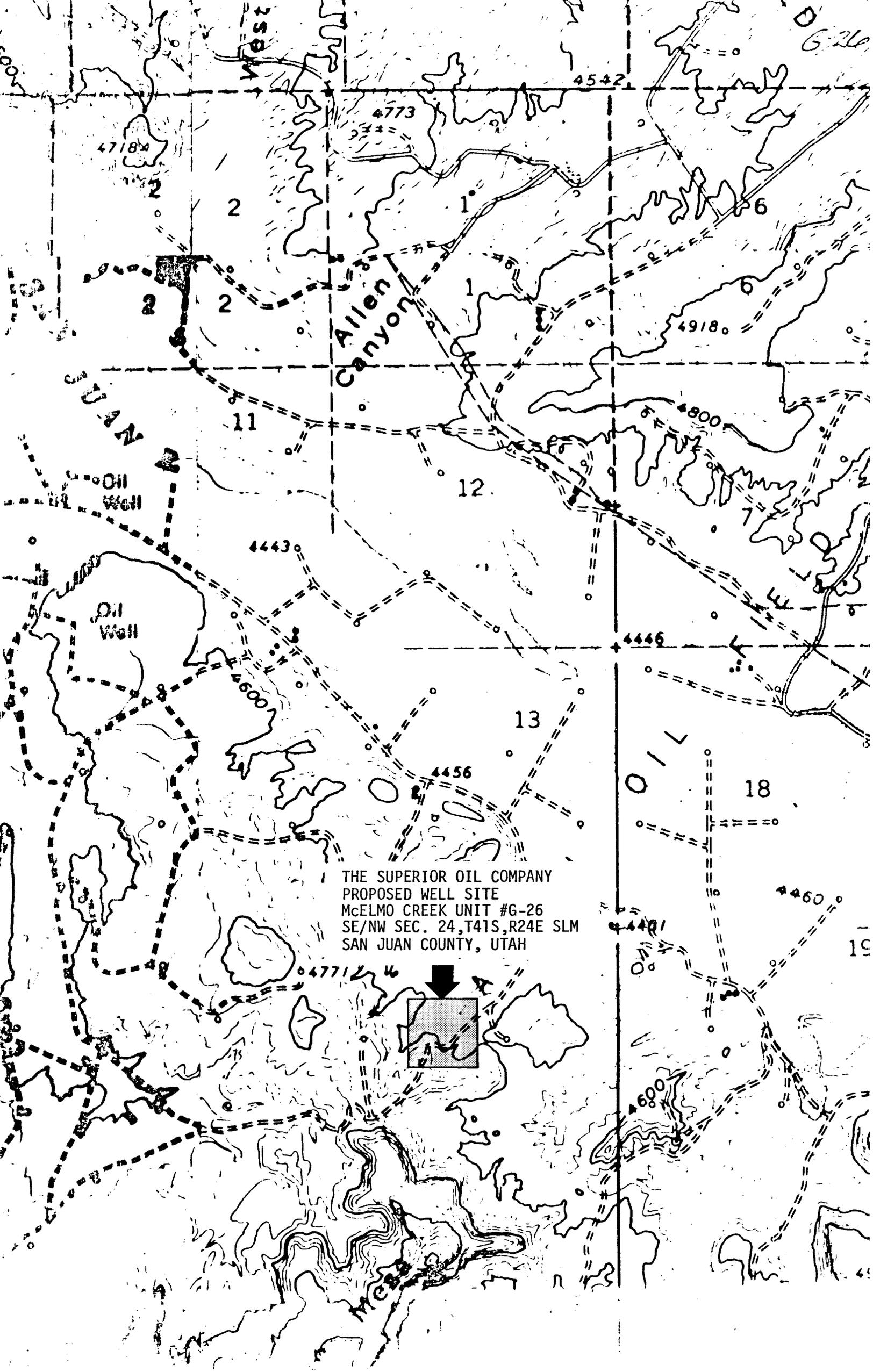
SUPERIOR OIL COMPANY



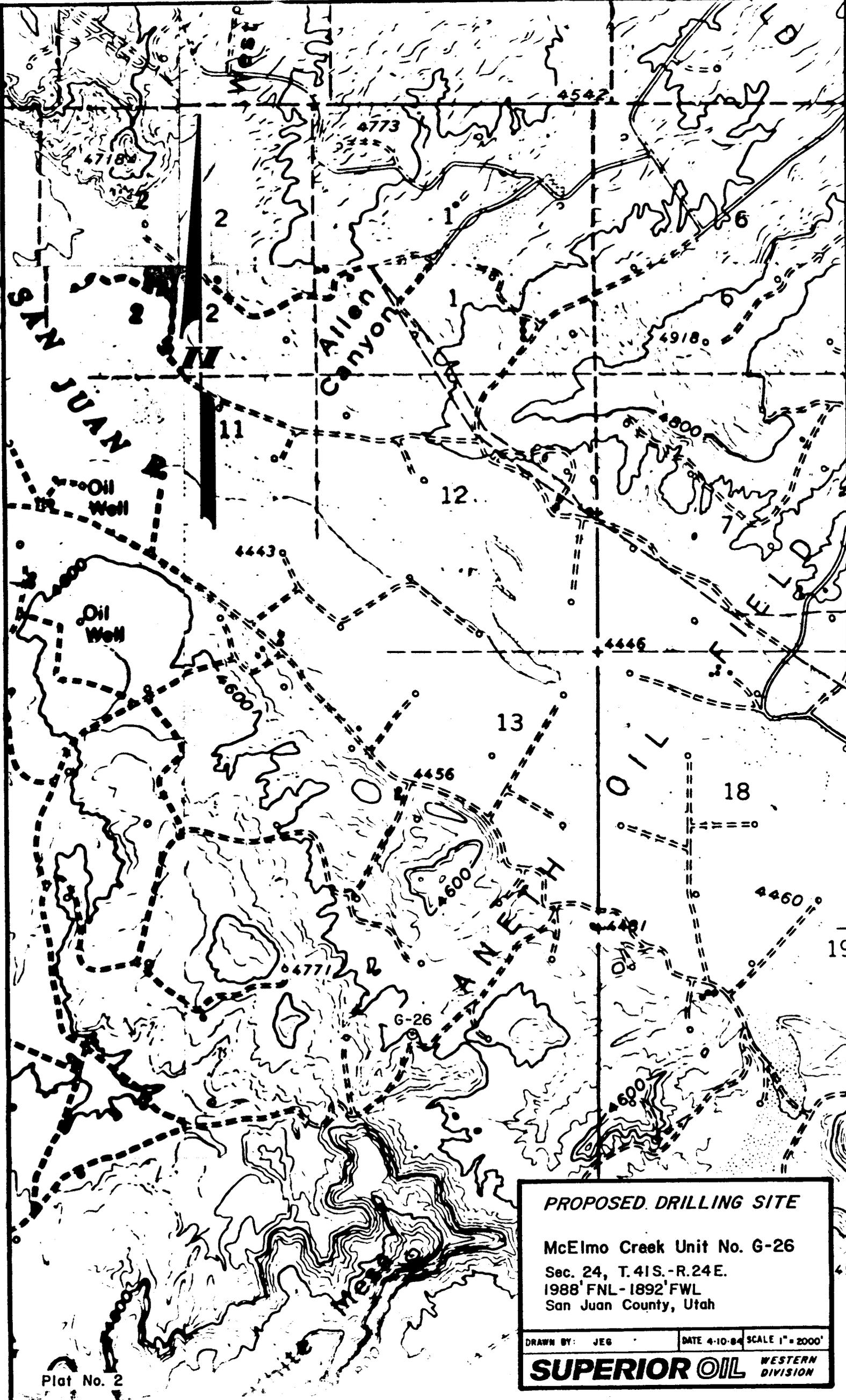
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Wm. H. Edwards  
Special Projects Superintendent

WHE/1h



THE SUPERIOR OIL COMPANY  
PROPOSED WELL SITE  
McELMO CREEK UNIT #G-26  
SE/NW SEC. 24, T41S, R24E SLM  
SAN JUAN COUNTY, UTAH



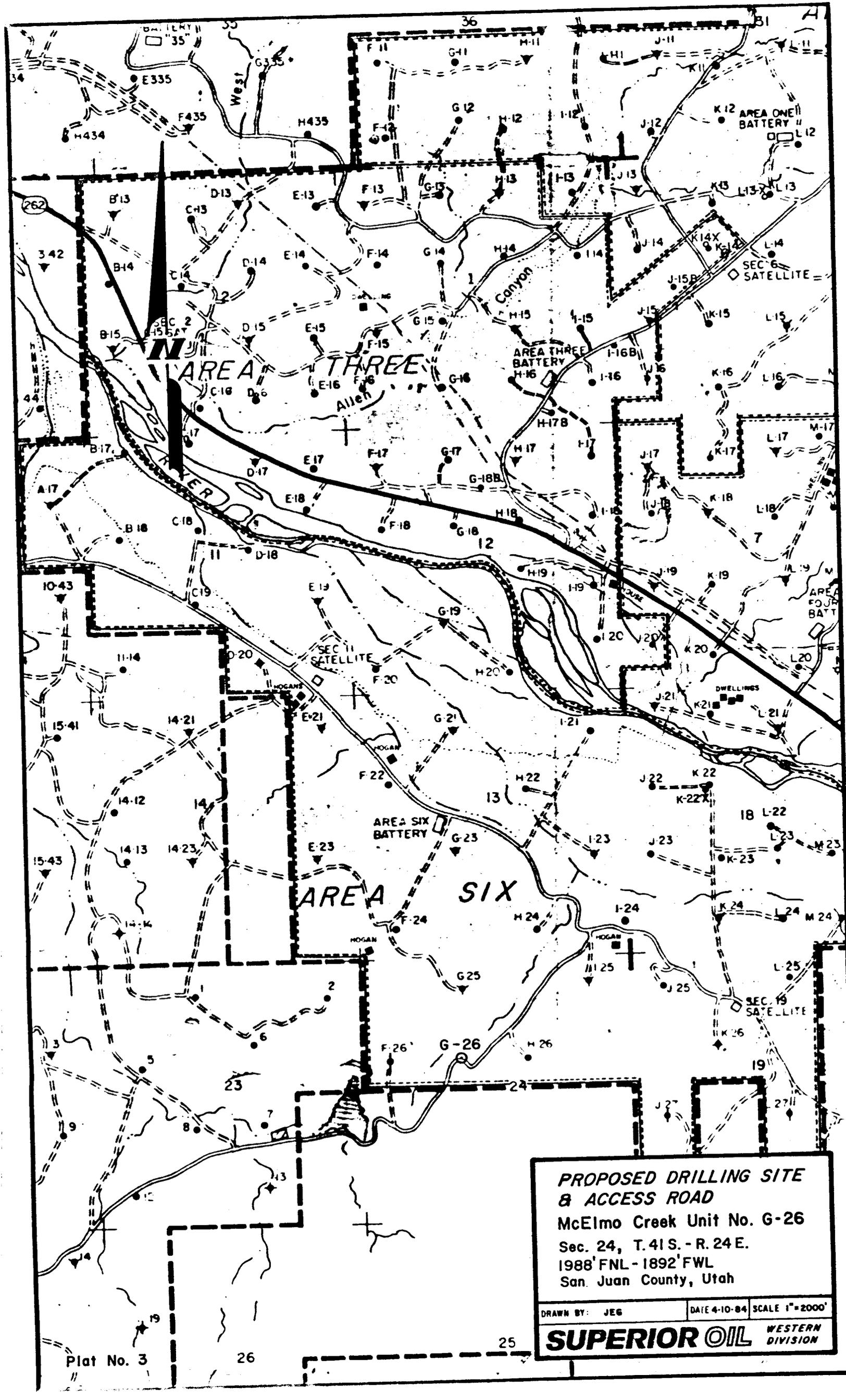
**PROPOSED DRILLING SITE**

McElmo Creek Unit No. G-26  
Sec. 24, T. 41S. - R. 24E.  
1988' FNL - 1892' FWL  
San Juan County, Utah

DRAWN BY: JEG      DATE 4-10-84      SCALE 1" = 2000'

**SUPERIOR OIL**      WESTERN DIVISION

Plat No. 2



**PROPOSED DRILLING SITE  
& ACCESS ROAD**  
 McElmo Creek Unit No. G-26  
 Sec. 24, T.41 S. - R. 24 E.  
 1988' FNL - 1892' FWL  
 San. Juan County, Utah

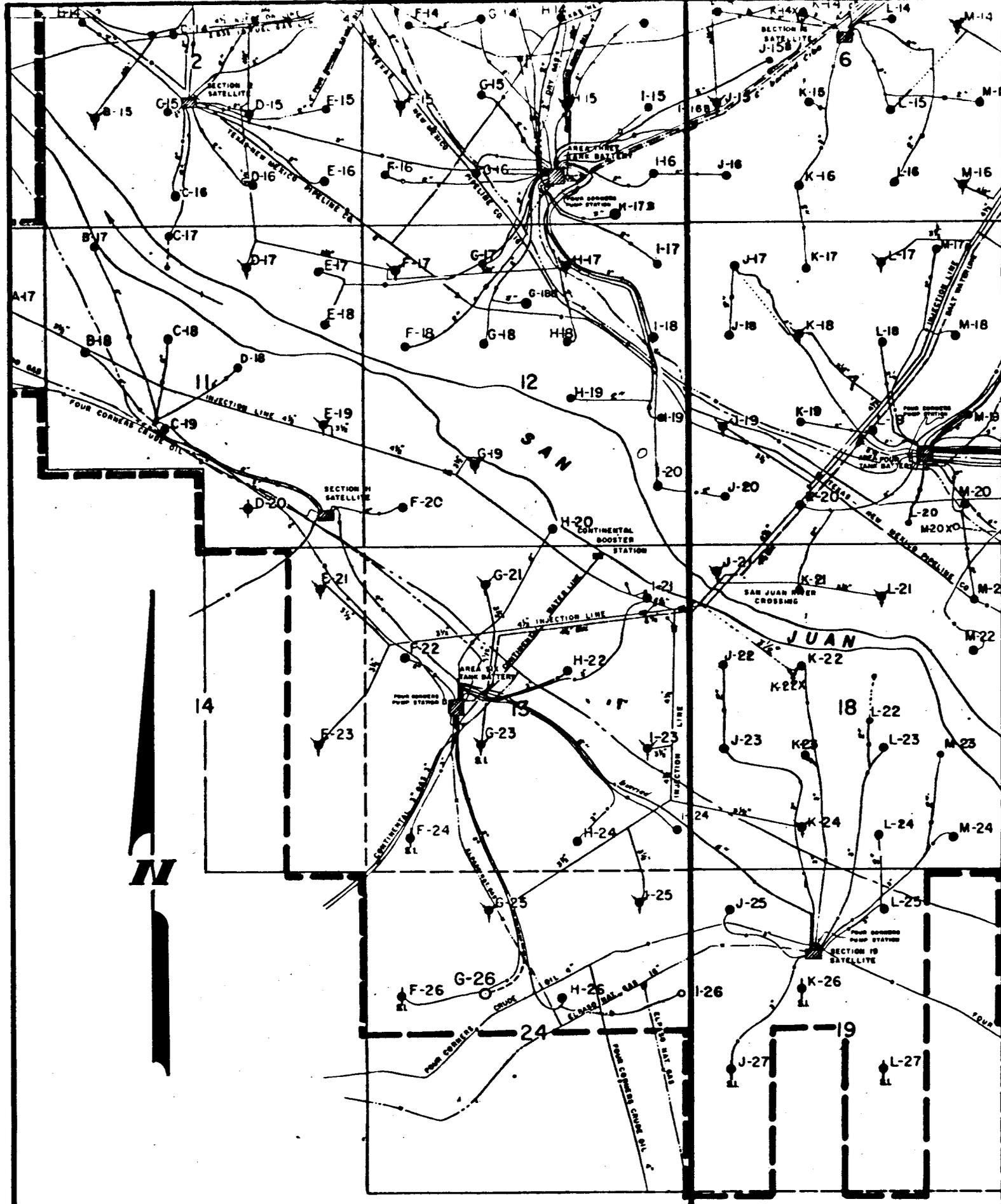
DRAWN BY: JEG      DATE 4-10-84      SCALE 1"=2000'

**SUPERIOR OIL**      WESTERN DIVISION

Plat No. 3

26

25



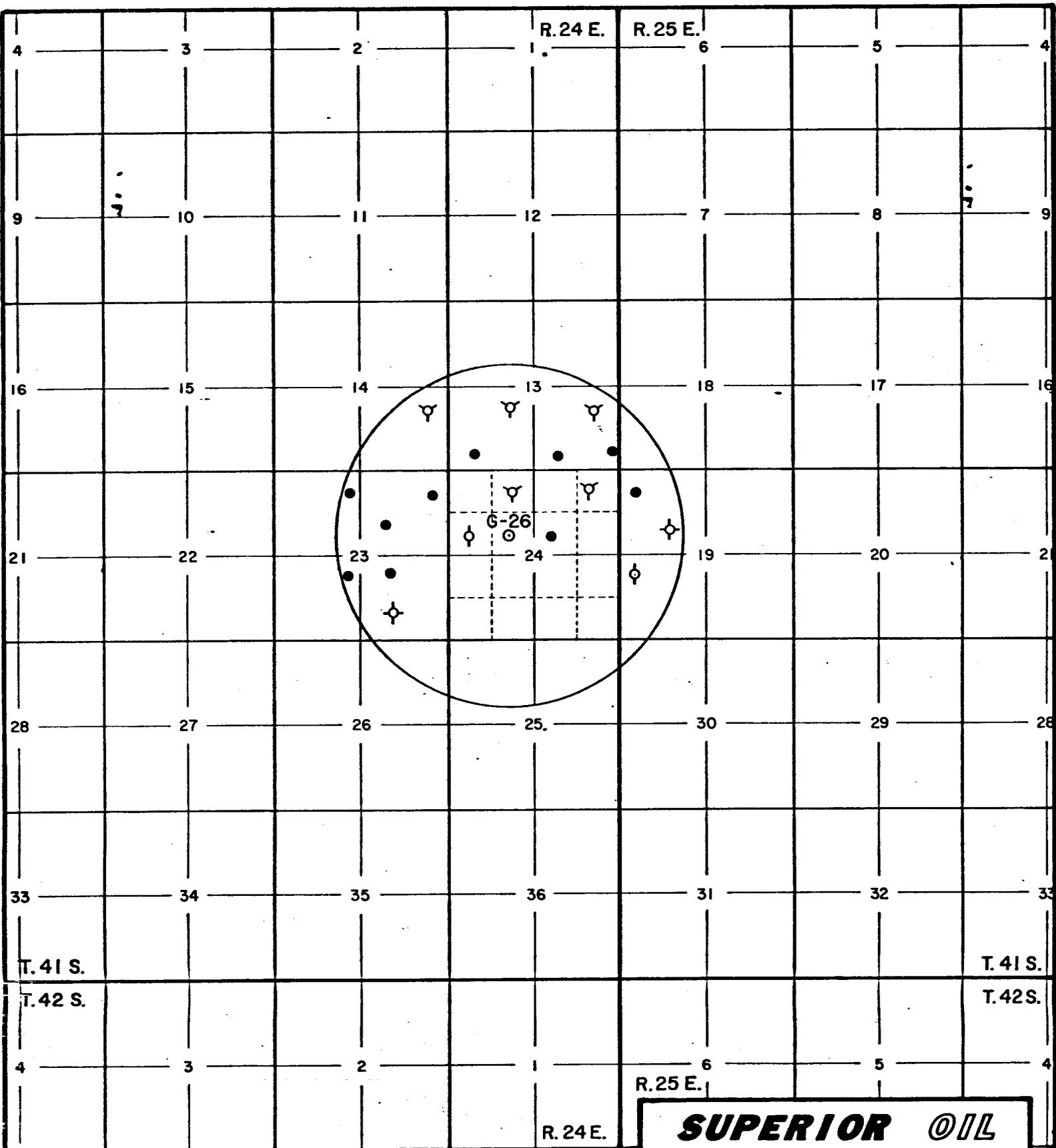
R 24 E

30

**PROPOSED DRILLING SITE  
& FLOWLINE**  
 McElmo Creek Unit No. G-26  
 Sec. 24, T. 41 S. - R. 24 E.  
 1988' FNL - 1892' FWL  
 San Juan County, Utah

DRAWN BY: JEG	DATE 4-10-84	SCALE 1" = 2000'
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**SUPERIOR OIL** WESTERN DIVISION



- Proposed Well
- Producing Well
- ☆ Gas Well
- ▽ Water Injection Well
- ⊖ Temporarily Abandoned
- ⊕ Plugged and Abandoned

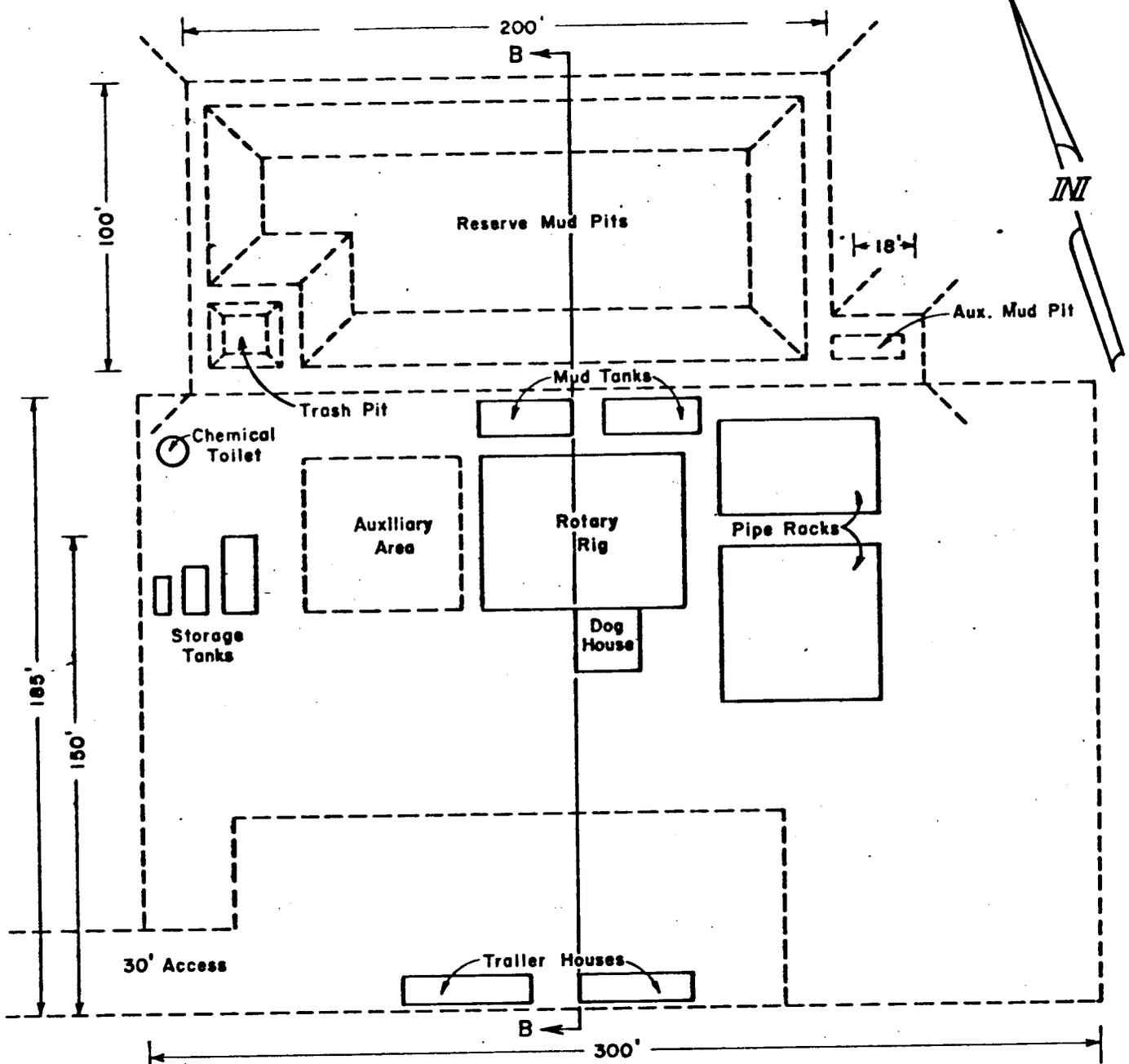
Plat No. 5

**SUPERIOR OIL**

**EXISTING WELLS  
SURROUNDING  
PROPOSED WELL**

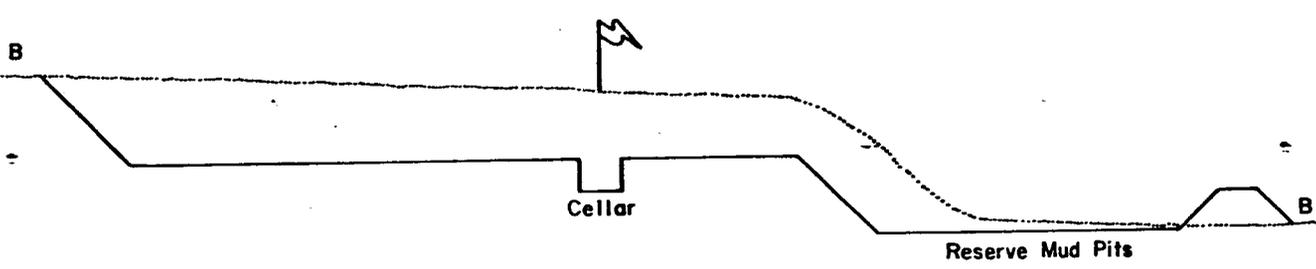
0      1/2      1 mile

By: JEG      Date: 4/6/84



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

PROPOSED WELL SITE  
 M.C.U. G-26  
 Original Elev. 4599.0'



Original Contour   
 Reference Point   
 Graded Proposal 

Plat No. 6

**THE SUPERIOR OIL CO.**  
 CORTAZ - CASPER DISTRICT  
 ENGINEERING DEPARTMENT

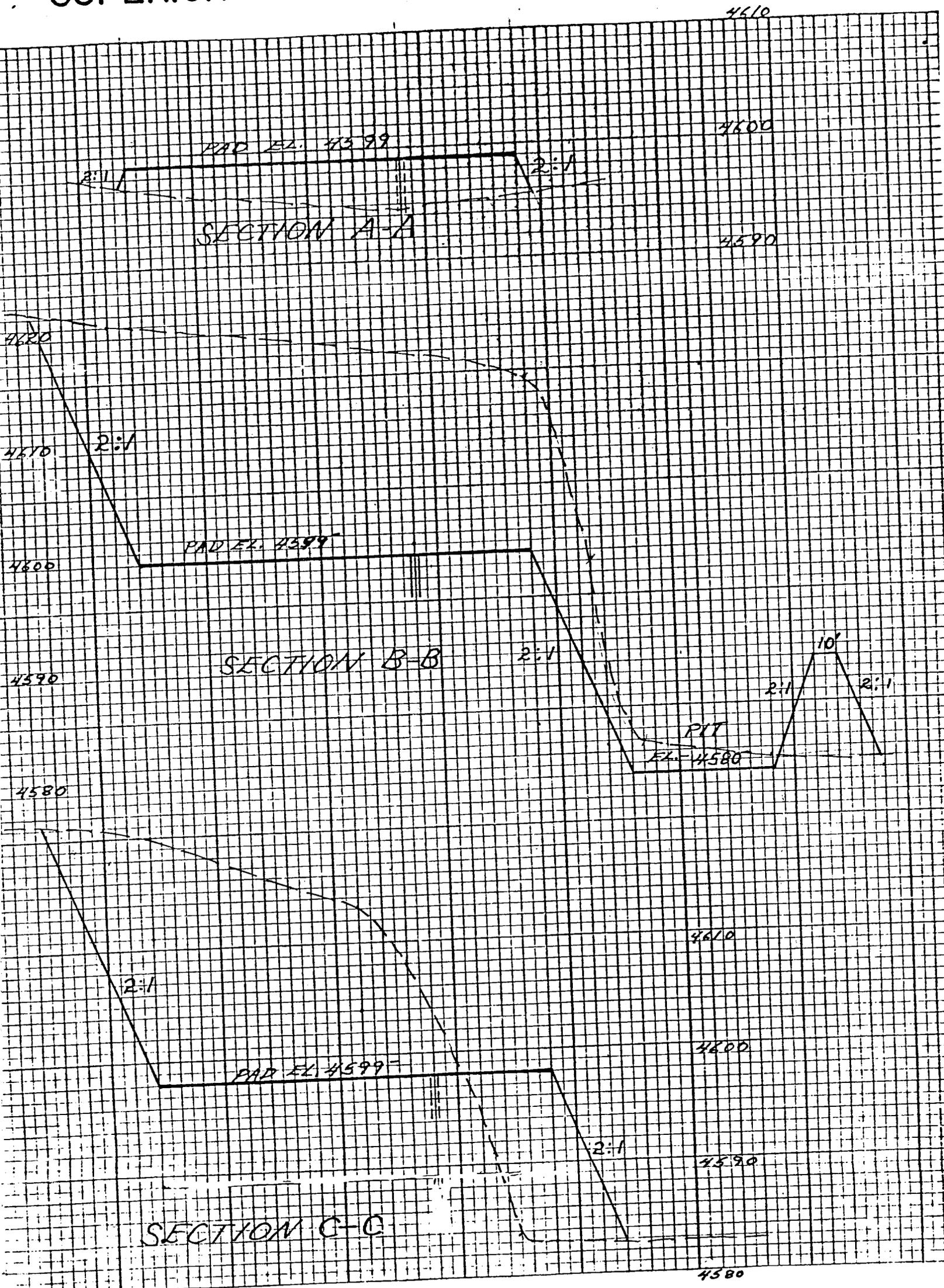
**RIG LAYOUT & DRILL PAD CROSS SECTION**

McElmo Creek Unit No. G-26  
 Sec. 24, T. 41 S. - R. 24 E.  
 San Juan County, Utah

BY JEG DATE 4/10/84  
 SCALE 1" = 80' REVISED



# SUPERIOR OIL COMPANY - WFL G-26



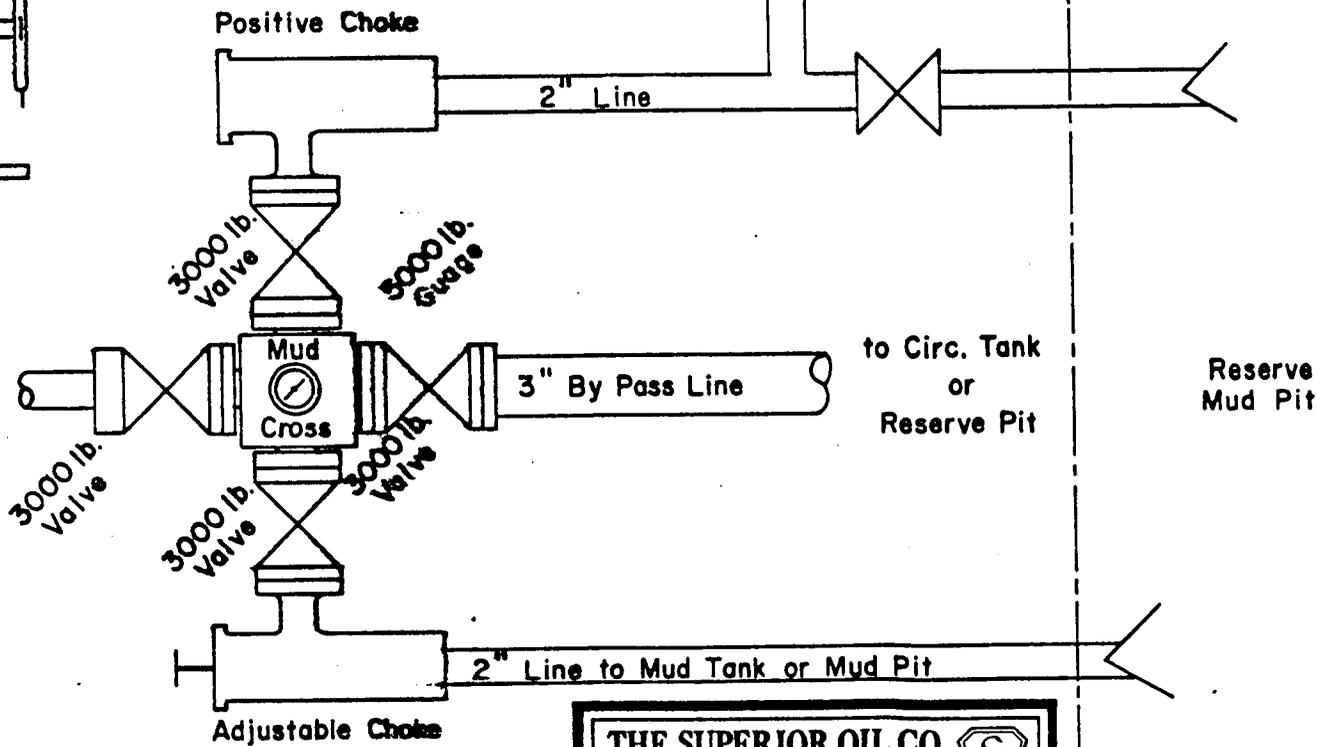
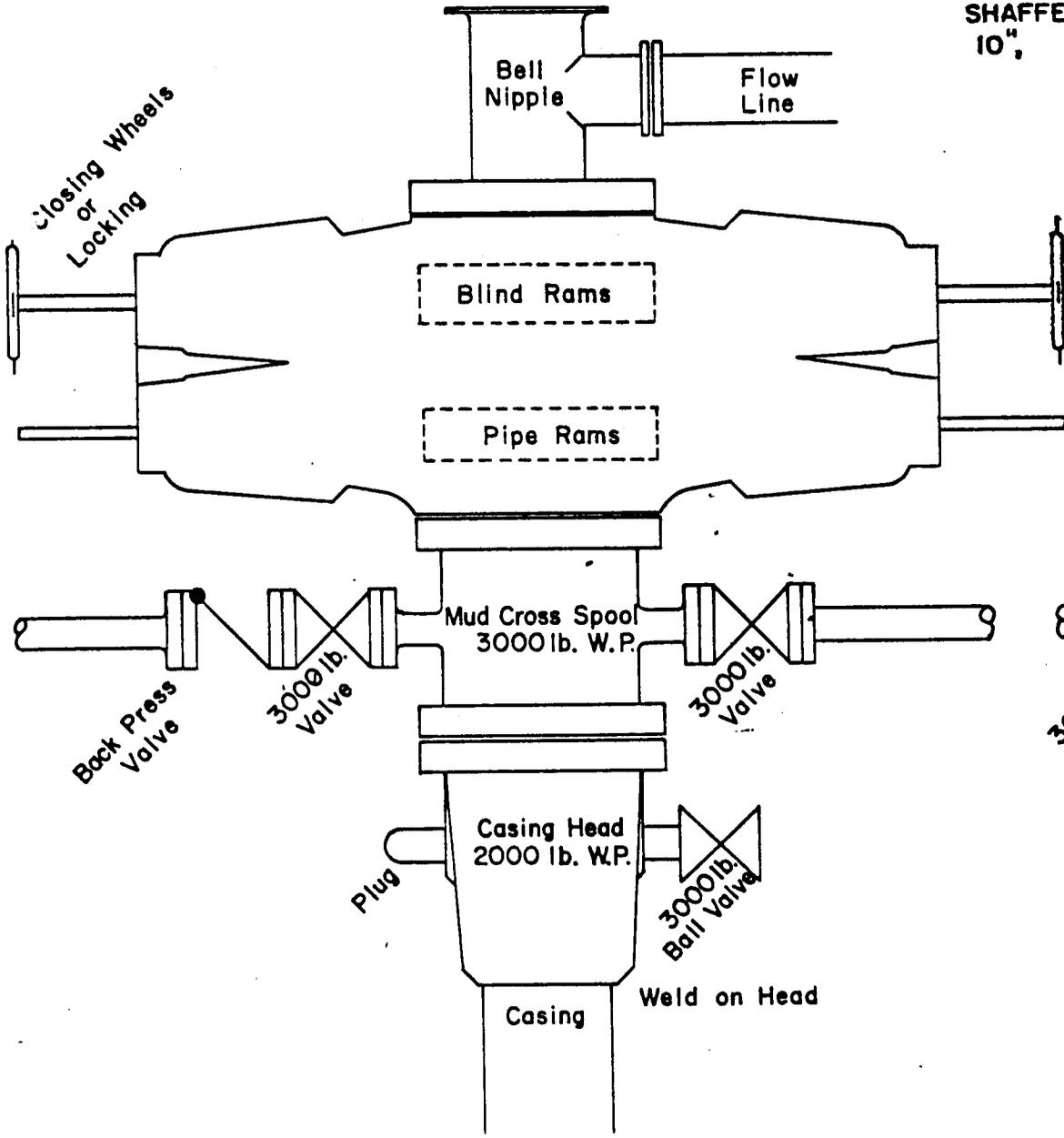
SCALE: HORIZONTAL 1" = 50'  
VERTICLE 1" = 10'

**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.**   
 CORTÉZ-CASPER DISTRICT  
 ENGINEERING DEPARTMENT  
**SCHEMATIC DIAGRAM  
 OF PRESSURE CONTROL  
 EQUIPMENT**  
 BY JES      DATE 6/25/79  
 SCALE NONE      REVISED

OPERATOR Superior Oil DATE 4/24/84

WELL NAME McElmo Creek Unit G-26

SEC SE NW 24 T 41S R 24E COUNTY San Juan

031  
43-047-31009  
API NUMBER

Ind.  
TYPE OF LEASE

POSTING CHECK OFF:

<input type="checkbox"/>	INDEX	<input type="checkbox"/>	HL	<input type="checkbox"/>
<input type="checkbox"/>	NID	<input type="checkbox"/>	PI	<input type="checkbox"/>
<input type="checkbox"/>	MAP	<input type="checkbox"/>		<input type="checkbox"/>

PROCESSING COMMENTS:

Needs water

APPROVAL LETTER:

SPACING:  A-3 McElmo Creek UNIT  c-3-a \_\_\_\_\_ CAUSE NO. & DATE

c-3-b  c-3-c

SPECIAL LANGUAGE:

1. water

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 \_\_\_\_\_

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.

April 27, 1984

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

RE: Well No. McElmo Creek Unit G-26  
SE1/4 Sec. 24, T. 41S, R. 24E  
1988' FWL, 1892' FWL  
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 1983, and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.

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

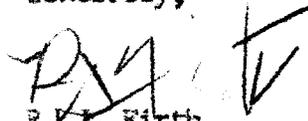
1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form UIC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify R. J. Firth, Associate Director, Telephone (801) 533-5771 (Office), 571-6008 (Home).
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

Superior Oil Company  
Well No. McElmo Creek Unit G-26  
April 27, 1984  
Page 2

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 43-037-31909.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

RJF/as

cc: Branch of Fluid Minerals  
Bureau of Indian Affairs

enclosures

w/ok

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: SUPERIOR

WELL NAME: MC ELMO CREEK UNIT G-26

SECTION SENW 24 TOWNSHIP 41S RANGE 24E COUNTY SAN JUAN

DRILLING CONTRACTOR ARAPAHOE

RIG # 2

SPUDDED: DATE 7-27-84

TIME 12:30 AM

HOW ROTARY

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

REPORTED BY BO ANDREWS

TELEPHONE # 303 565-3733

DATE 7-30-84 SIGNED GL

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPL  
(Other instructions  
verse 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.)

**RECEIVED**  
AUG 27 1984  
DIVISION OF OIL  
GAS & MINING

1. 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  
1988' FNL, 1892' FWL OF SECTION 24

14. PERMIT NO.  
43-037-31009

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
Ungraded GL: 4 6'

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.  
#G-26

10. FIELD AND POOL, OR WILDCAT  
GREATER ANETH

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SECTION 24, T41S, R24E

12. COUNTY OR PARISH  
SAN JUAN

13. STATE  
UTAH

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

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

(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.)

NOTE: Received verbal approval from Steve Mason on 8-16-84 to P & A the subject well as follows:

Set five 100' cement plugs as follows:

1. 5068-5168' (Ismay formation top)
2. 4234-4334' (Hermosa formation top)
3. 2258-2358' (DeChelly formation top)
4. 1281-1381' (Surface casing shoe)
5. 100' to surface

Install dry hole marker & rehabilitate location.

*Federal approval of this action is required.*

**ACCEPTED**  
**APPROVED BY THE STATE**  
**OF UTAH DIVISION OF**  
**OIL, GAS, AND MINING**  
DATE: 8/29/84  
BY: John R. Duff

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

SIGNED T. Greg Merrion TITLE Petroleum Engineer DATE 8-21-84

(This space for Federal or State office use)

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

\*See Instructions on Reverse Side

RECEIVED

AUG 19 1984

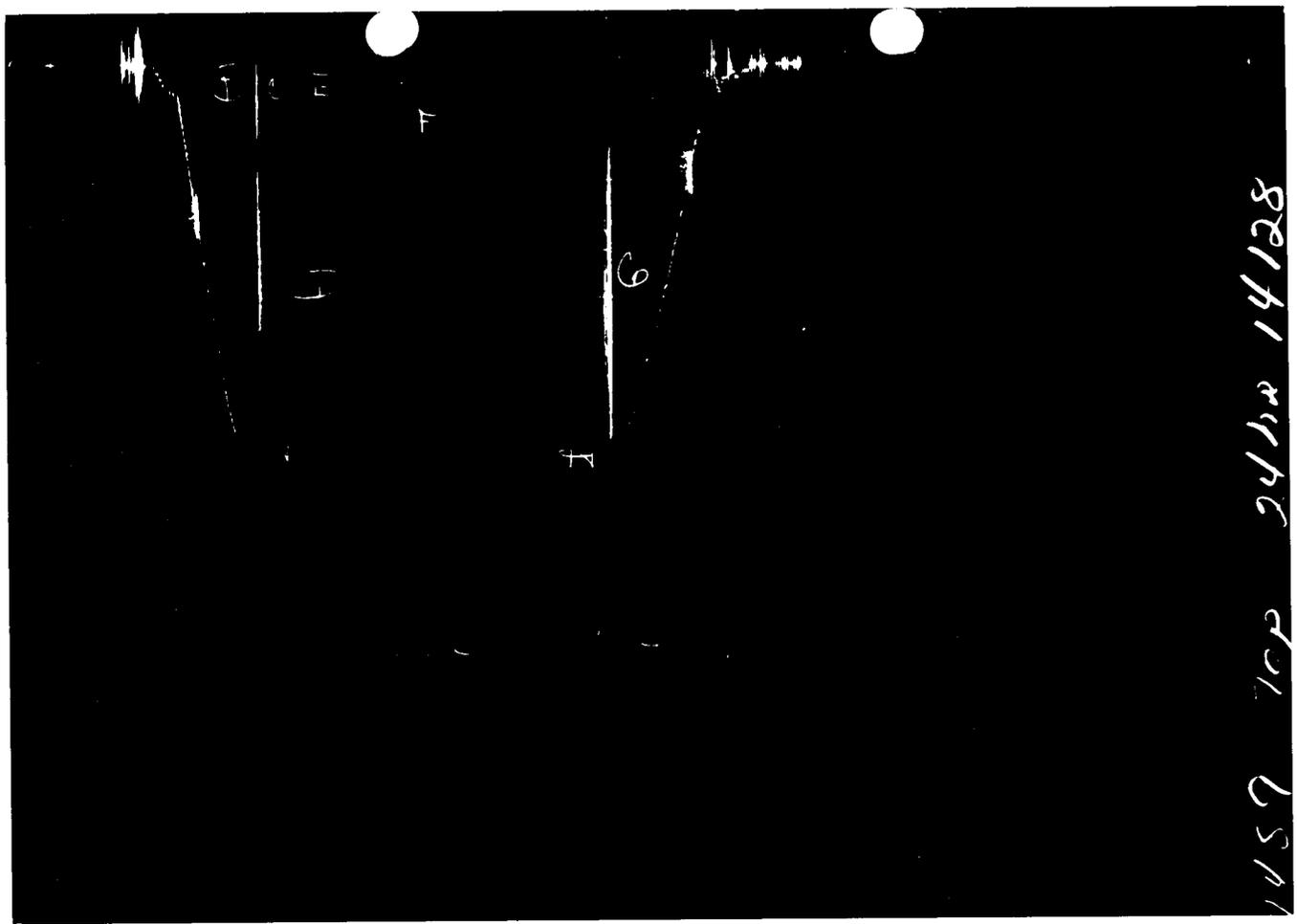
DIVISION OF OIL  
GAS & MINING



TICKET NO. 71871500  
20-AUG-84  
FARMINGTON

FORMATION TESTING SERVICE REPORT

LEGAL LOCATION SEC. - TWP. - RANG.	24 - 41 SOUTH - 24 EAST	FIELD AREA	WILDCAT	COUNTY	SAN JUAN	STATE	UTAH	PV	
LEASE NAME	MC ELMO CREEK UNIT	WELL NO.	G-26	TEST NO.	1	TESTED INTERVAL	5391.1 - 5607.1	LEASE OWNER/COMPANY NAME	THE SUPERIOR OIL COMPANY



GAUGE NO: 7489 DEPTH: 5373.0 BLANKED OFF: NO HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	3112	3141.2			
B	INITIAL FIRST FLOW	87	81.0			
C	FINAL FIRST FLOW	174	199.1	10.0	10.6	F
C	INITIAL FIRST CLOSED-IN	174	199.1			
D	FINAL FIRST CLOSED-IN	1778	1775.5	45.0	44.0	C
E	INITIAL SECOND FLOW	305	323.0			
F	FINAL SECOND FLOW	588	587.9	120.0	119.1	F
F	INITIAL SECOND CLOSED-IN	588	587.9			
G	FINAL SECOND CLOSED-IN	1584	1592.4	240.0	241.4	C
H	FINAL HYDROSTATIC	3112	3118.9			

GAUGE NO: 5160 DEPTH: 5603.0 BLANKED OFF: YES HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	3271	3286.0			
B	INITIAL FIRST FLOW	214	221.0			
C	FINAL FIRST FLOW	342	339.3	10.0	10.6	F
C	INITIAL FIRST CLOSED-IN	342	339.3			
D	FINAL FIRST CLOSED-IN	1915	1910.7	45.0	44.0	C
E	INITIAL SECOND FLOW	449	458.6			
F	FINAL SECOND FLOW	727	720.3	120.0	119.1	F
F	INITIAL SECOND CLOSED-IN	727	720.3			
G	FINAL SECOND CLOSED-IN	1703	1717.7	240.0	241.4	C
H	FINAL HYDROSTATIC	3229	3246.6			

## EQUIPMENT & HOLE DATA

FORMATION TESTED: DESERT CREEK  
 NET PAY (ft): 4.0  
 GROSS TESTED FOOTAGE: 216.0  
 ALL DEPTHS MEASURED FROM: KELLY BUSHING  
 CASING PERFS. (ft): \_\_\_\_\_  
 HOLE OR CASING SIZE (in): 8.750  
 ELEVATION (ft): 4599  
 TOTAL DEPTH (ft): 5607.0  
 PACKER DEPTH(S) (ft): 5385, 5391  
 FINAL SURFACE CHOKE (in): \_\_\_\_\_  
 BOTTOM HOLE CHOKE (in): 0.750  
 MUD WEIGHT (lb/gal): 10.90  
 MUD VISCOSITY (sec): 45  
 ESTIMATED HOLE TEMP. (°F): 110  
 ACTUAL HOLE TEMP. (°F): 120 @ 5607.0 ft

TICKET NUMBER: 71871500  
 DATE: 8-16-84 TEST NO: 1  
 TYPE DST: OPEN HOLE  
 HALLIBURTON CAMP: FARMINGTON  
 TESTER: GENE ROBERTS  
 WITNESS: JAMES E. GAGREARY  
 DRILLING CONTRACTOR: ARAPAHOE #2

### FLUID PROPERTIES FOR RECOVERED MUD & WATER

SOURCE	RESISTIVITY	CHLORIDES
<u>PIT SAMPLE</u>	<u>0.464 @ 88 °F</u>	<u>6364 ppm</u>
<u>TOP SAMPLE</u>	<u>0.232 @ 91 °F</u>	<u>13636 ppm</u>
<u>MIDDLE SAMPLE</u>	<u>0.145 @ 90 °F</u>	<u>24243 ppm</u>
<u>SAMPLER</u>	<u>0.304 @ 91 °F</u>	<u>10909 ppm</u>
_____	_____ @ _____ °F	_____ ppm
_____	_____ @ _____ °F	_____ ppm

### SAMPLER DATA

Pstg AT SURFACE: 150  
 cu.ft. OF GAS: 0.76  
 cc OF OIL: 0  
 cc OF WATER: 0  
 cc OF MUD: 500  
 TOTAL LIQUID cc: 500

### HYDROCARBON PROPERTIES

OIL GRAVITY (°API): \_\_\_\_\_ @ \_\_\_\_\_ °F  
 GAS/OIL RATIO (cu.ft. per bbl): \_\_\_\_\_  
 GAS GRAVITY: \_\_\_\_\_

### CUSHION DATA

TYPE	AMOUNT	WEIGHT
_____	_____	_____
_____	_____	_____

### RECOVERED:

816 FEET (6 BBLS.) OF GAS CUT MUD WITH A SLIGHT TRACE OF OIL.

MEASURED FROM TESTER VALVE

### REMARKS:

REPORTED ELEVATION IS AT GROUND LEVEL

AMOUNT OF DRILL PIPE OR DRILL COLLARS RUN ABOVE THE REVERSING SUB WAS NOT REPORTED.

TYPE & SIZE MEASURING DEVICE: _____					TICKET NO: 71871500
TIME	CHOKE SIZE	SURFACE PRESSURE PSI	GAS RATE MCF	LIQUID RATE BPD	REMARKS
8-15-84					
2300					ON LOCATION
8-16-84					
0130					PICKED-UP AND MADE-UP TOOLS
0400					TRIPPED IN HOLE WITH TOOLS
0608	BH				OPENED TOOL - GOOD BLOW - 4"
					IN BUCKET.
0610	BH				GOOD BLOW - 4" IN BUCKET
0612	BH				SAME
0614	BH				GOOD BLOW - 6" IN BUCKET
0616	BH				SAME
0618	BH				CLOSED TOOL
0703	BH				REOPENED TOOL - 6" IN BUCKET
0704	BH	2			GOOD BLOW - BOTTOM OF BUCKET
0714	BH	2.5			SAME
0724	BH	3			SAME
0734	BH	3			SAME
0744	BH	3			SAME
0754	BH	2.5			GOOD BLOW - BOTTOM OF BUCKET -
					DECREASING.
0804	"	2			SAME
0814	"	2			GOOD BLOW - BOTTOM OF BUCKET -
					LEVELED OFF.
0824	"	2			SAME
0834	"	2			SAME
0844	"	2			SAME
0854	"	2			SAME
0903	"	2			CLOSED TOOL
1303					OPENED BYPASS
1323					TRIPPED OUT OF HOLE WITH TOOLS
1600					OUT OF HOLE
1800					LOADED OUT
1830					JOB COMPLETED

TICKET NO: 71871500

CLOCK NO: 14128 HOUR: 24



GAUGE NO: 7489

DEPTH: 5373.0

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
FIRST FLOW					
B 1	0.0	81.0			
2	2.0	108.0	27.0		
3	4.0	136.6	28.5		
4	6.0	159.4	22.9		
5	8.0	179.3	19.8		
C 6	10.6	199.1	19.8		
FIRST CLOSED-IN					
C 1	0.0	199.1			
2	3.0	280.8	81.7	2.3	0.659
3	6.0	371.7	172.6	3.8	0.441
4	9.0	476.5	277.4	4.9	0.336
5	12.0	598.5	399.4	5.6	0.274
6	15.0	747.8	548.7	6.2	0.231
7	18.0	957.0	757.9	6.7	0.201
8	21.0	1220.5	1021.4	7.0	0.177
9	24.0	1475.9	1276.8	7.3	0.158
10	27.0	1609.6	1410.5	7.6	0.143
11	30.0	1662.6	1463.5	7.8	0.131
12	33.0	1688.2	1489.1	8.0	0.121
13	36.0	1707.4	1508.3	8.2	0.112
14	39.0	1731.6	1532.5	8.3	0.104
15	42.0	1758.3	1559.2	8.4	0.097
D 16	44.0	1775.5	1576.4	8.5	0.093
SECOND FLOW					
E 1	0.0	323.0			
2	20.0	377.5	54.5		
3	40.0	428.9	51.5		
4	60.0	476.5	47.5		
5	80.0	519.9	43.4		
6	100.0	556.1	36.2		
F 7	119.1	587.9	31.8		
SECOND CLOSED-IN					
F 1	0.0	587.9			
2	15.0	758.0	170.1	13.5	0.983
3	30.0	956.4	368.5	24.4	0.725
4	45.0	1168.3	580.4	33.4	0.589
5	60.0	1346.1	758.1	41.0	0.500
6	75.0	1439.5	851.5	47.5	0.436
7	90.0	1480.2	892.3	53.1	0.387
8	105.0	1503.1	915.2	58.0	0.349
9	120.0	1519.1	931.1	62.3	0.318
10	135.0	1532.4	944.5	66.1	0.292
11	150.0	1543.9	956.0	69.5	0.270

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
SECOND CLOSED-IN - CONTINUED					
12	165.0	1553.8	965.9	72.6	0.252
13	180.0	1563.1	975.2	75.3	0.236
14	195.0	1570.4	982.5	77.9	0.221
15	210.0	1578.4	990.5	80.2	0.209
16	225.0	1585.3	997.4	82.2	0.198
G 17	241.4	1592.4	1004.5	84.3	0.187

REMARKS:

TICKET NO: 71871500  
 CLOCK NO: 12118 HOUR: 24



GAUGE NO: 5160  
 DEPTH: 5603.0

REF	MINUTES	PRESSURE	AP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
FIRST FLOW					
B 1	0.0	221.0			
2	2.0	243.3	22.2		
3	4.0	272.6	29.3		
4	6.0	297.2	24.6		
5	8.0	317.7	20.5		
C 6	10.6	339.3	21.6		
FIRST CLOSED-IN					
C 1	0.0	339.3			
2	3.0	423.5	84.2	2.3	0.654
3	6.0	514.4	175.1	3.8	0.439
4	9.0	620.0	280.7	4.9	0.336
5	12.0	740.4	401.1	5.6	0.275
6	15.0	899.5	560.2	6.2	0.231
7	18.0	1106.8	767.5	6.7	0.200
8	21.0	1345.5	1006.3	7.0	0.177
9	24.0	1592.7	1253.5	7.3	0.158
10	27.0	1740.1	1400.8	7.6	0.143
11	30.0	1799.0	1459.7	7.8	0.131
12	33.0	1824.4	1485.2	8.0	0.121
13	36.0	1843.7	1504.5	8.2	0.112
14	39.0	1869.0	1529.7	8.3	0.104
15	42.0	1895.3	1556.0	8.4	0.097
D 16	44.0	1910.7	1571.5	8.5	0.093
SECOND FLOW					
E 1	0.0	458.6			
2	20.0	514.9	56.3		
3	40.0	565.8	50.9		
4	60.0	611.8	46.0		
5	80.0	651.6	39.8		
6	100.0	688.6	37.0		
F 7	119.1	720.3	31.7		
SECOND CLOSED-IN					
F 1	0.0	720.3			
2	15.0	894.3	174.0	13.4	0.985
3	30.0	1091.8	371.5	24.3	0.726
4	45.0	1298.0	577.7	33.4	0.589
5	60.0	1473.1	752.8	41.0	0.500
6	75.0	1570.4	850.1	47.5	0.436
7	90.0	1612.2	891.9	53.1	0.387
8	105.0	1634.1	913.8	58.0	0.349
9	120.0	1649.4	929.1	62.3	0.318
10	135.0	1661.9	941.6	66.1	0.292
11	150.0	1672.7	952.4	69.5	0.270

REF	MINUTES	PRESSURE	AP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
SECOND CLOSED-IN - CONTINUED					
12	165.0	1681.4	961.1	72.6	0.252
13	180.0	1690.5	970.2	75.4	0.236
14	195.0	1698.2	977.8	77.9	0.221
15	210.0	1705.6	985.3	80.1	0.209
16	225.0	1711.7	991.4	82.2	0.198
G 17	241.4	1717.7	997.4	84.3	0.187

REMARKS:

		O.D.	I.D.	LENGTH	DEPTH	
1		DRILL PIPE.....	4.000	3.340		
3		DRILL COLLARS.....	6.000	2.250		
51		PUMP OUT REVERSING SUB.....	6.000	3.000	1.0	5323.0
50		IMPACT REVERSING SUB.....	6.000	3.000	1.0	5324.0
3		DRILL COLLARS.....	6.000	2.250	31.0	
5		CROSSOVER.....	6.000	3.000	1.0	
13		DUAL CIP SAMPLER.....	5.030	0.870	7.0	
60		HYDROSPRING TESTER.....	5.000	0.750	5.0	5369.0
80		AP RUNNING CASE.....	5.000	2.250	4.0	5373.0
15		JAR.....	5.030	1.750	5.0	
16		VR SAFETY JOINT.....	5.000	1.000	3.0	
70		OPEN HOLE PACKER.....	7.500	1.530	6.0	5385.0
70		OPEN HOLE PACKER.....	7.500	1.530	6.0	5391.0
5		CROSSOVER.....	6.000	3.000	1.0	
3		DRILL COLLARS.....	6.000	2.250	173.0	
5		CROSSOVER.....	6.000	3.000	1.0	
20		FLUSH JOINT ANCHOR.....	5.750	3.000	35.0	
81		BLANKED-OFF RUNNING CASE.....	5.750		4.0	5603.0
TOTAL DEPTH						5607.0

EQUIPMENT DATA

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instruction  
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

Navajo

7. UNIT AGREEMENT NAME

McElmo Creek Unit

8. FARM OR LEASE NAME

9. WELL NO.

G-26

10. FIELD AND POOL, OR WILDCAT

Greater Aneth

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

Sec. 24, T41S, R24E, S1M

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED

SEP 7 1984

DIVISION OF OIL  
GAS & MINING

1988' FNL; 1892' FWL, Section 24

1. 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

14. PERMIT NO.

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

KB: 4615'; GL: 4602'

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) 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.)\*

7-27-84 Spud 12-1/4" hole.

7-28-84 Open hole to 17-1/2". Set 13-3/8", 54.5#, K-55, ST&C casing to 112'. Cement w/160 sx 'B' + 2% CaCl2.

7-30-84 Run 9-5/8", 36#, K-55, ST&C casing to 1370'. Cemented w/470 sx BJ Lite w/10 pps Gilsonite + .4% A-2 L0-Dense. Tailed w/150 sx 'B' + 2% CaCl2. Circulate 10 bbls cement to surface. Cement fell in annulus slowly. BJ circulate annulus w/5 bbls water and mix and pump 100 sx 'B' w/3% CaCl2. Circulate cement to surface. Annulus stayed full.

8-16-84 Ran open hole logs. Ran DST #1 (Desert Creek).

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

SIGNED

*Armando Saenz*  
ARMANDO SAENZ

TITLE

ENGINEER

DATE

8-31-84

(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 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.)

1. OIL WELL  GAS WELL  OTHER

RECEIVED

2. NAME OF OPERATOR  
Superior Oil Company

SEP 7 1984

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

DIVISION OF OIL  
GAS & MINING

1988' FNL; 1892' FNL; Section 24

14. PERMIT NO.

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

KB: 4615'; GL: 4602'

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.

G-26

10. FIELD AND POOL, OR WILDCAT

Greater Aneth

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

Sec. 24, T41S, R24E, SLM

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANE

(Other)

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

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

8-18-84 Cmt. Plug #1: 5295'/5195'-54 sx 'B' + 2% CaCl2 displaced w/2 bbls water + 52.9 bbls mud.

Cmt. Plug #2: 4446'/4346'-50 sx 'B' + 2% CaCl2 displaced/2 bbls water + 44.5 bbls mud.

Cmt. Plug #3: 2505'/2405'-77 sx 'B' + 2% CaCl2 displaced/2 bbls water + 23.5 bbls mud.

Cmt. Plug #4: 1420'/1320'-85 sx 'B' + 2% CaCl2 displaced/2 bbls water + 10.6 bbls mud.

Cmt. Plug #5: 100'/0'-40 sx 'B' + 2% CaCl2.

Rig Released.

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

SIGNED

*Armando Saenz*  
ARMANDO SAENZ

TITLE

ENGINEER

DATE

8-31-84

(This space for Federal or State office use)

APPROVED BY

TITLE

ACCEPTED

DATE

CONDITIONS OF APPROVAL, IF ANY:

Special approval of this action is required before commencing operations.

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

\*See Instructions on Reverse Side

DATE: 9/10/84

BY: *John R. Bay*

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

SUBMIT IN DUPLICATE\*

Other In-  
structions on  
Reverse Side

Budget Bureau No. 1004-0127  
Expires August 31, 1985

6

**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. CENVR.  Other 6

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 **1988' FNL; 1892' FWL, Section 24**  
 At top prod. interval reported below **Same**  
 At total depth **Same**

**RECEIVED**

**SEP 7 1984**

**DIVISION OF OIL  
GAS & MINING**

14. PERMIT NO. **43-037-31009** DATE ISSUED **14-27-84**

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.  
**G-26**

10. FIELD AND POOL, OR WILDCAT  
**Greater Aneth**

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA  
**Sec. 24, T41S, R24E, S1M**

12. COUNTY OR PARISH  
**San Juan**

13. STATE  
**Utah**

15. DATE SPUDDED **7-27-84** 16. DATE T.D. REACHED **8-15-84** 17. DATE COMPL. (Ready to prod.) **P & A** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* **KB: 4615'; GL: 4602'** 19. ELEV. CASINGHEAD **4603'**

20. TOTAL DEPTH, MD & TVD **5607'** 21. PLUG. BACK T.D., MD & TVD **Surface** 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_ 23. INTERVALS DRILLED BY ROTARY TOOLS **0-5607'** CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
**None**

25. WAS DIRECTIONAL SURVEY MADE  
**Yes**

26. TYPE ELECTRIC AND OTHER LOGS RUN  
**DIL/SEL, FDC/CNL, EPT, MSFL**

27. WAS WELL CORED  
**No**

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.5	112	17-1/2"	160 sx 'B' + 2% CaCl2	
9-5/8"	36	1370	12-1/2"	470 sx BJ Lite + 10 ppg Gilsomite + 4% A-2 Lo-Dense. Tailed w/150 sx 'B' + 2% CaCl2. Circ. 10 bbls cmt to surf. BJ	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					N/A	H2O + 100 sx.	

30. TUBING RECORD **circ. ann. w/5 bbl**

31. PERFORATION RECORD (Interval, size and number)  
**None**

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION

DATE FIRST PRODUCTION \_\_\_\_\_ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) \_\_\_\_\_ WELL STATUS (Producing or shut-in)  
**Plug & Abandon**

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

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

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

35. LIST OF ATTACHMENTS \_\_\_\_\_

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

SIGNED Armando Saenz TITLE ENGINEER DATE 8-31-84

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

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.

2

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Ismay Desert Creek	5091 5467	5406 5564	Limestone Limestone

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Chinle	1370	
DeChelly	2455	
Hermosa	4394	
Upper Ismay	5242	
Lower Ismay	5356	
Gothic Shale	5406	
Desert Creek	5462	
Chimney Rock	5560	

RECEIVED

SEP 21 1984

DIVISION OF OIL  
GAS & MINING

**SUPERIOR OIL**

September 17, 1984

State of Utah  
Oil, Gas & Mining  
4241 State Office Bldg  
Salt Lake City, Utah

Re: Amended Sundry  
McElmo Creek Unit  
Well #G-26

Dear Sir:

Attached please find an amended copy of the Sundry Notice requesting approval to P & A McElmo Creek Unit #G-26. Steve Mason gave verbal approval to set the cement plugs at the "corrected depths". The other depths, which have been marked out, are in error. Sorry for any inconvenience.

Sincerely,



T. Greg Merrion  
Petroleum Engineer

TGM/lh

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate  
(Other instructions  
verse side)

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.)

RECEIVED

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.

#G-26

10. FIELD AND POOL, OR WILDCAT

GREATER ANETH

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

SECTION 24, T41S, R24E

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
SUPERIOR OIL COMPANY

AUG 27 1984

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

DIVISION OF OIL  
GAS & MINING

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

1988' FNL, 1892' FWL OF SECTION 24

14. PERMIT NO.  
43-037-31009

15. ELEVATIONS (Show whether DF, ST, GR, etc.)  
Ungraded GL: 4599'

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

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANS

(Other) \_\_\_\_\_

(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.)\*

NOTE: Received verbal approval from Steve Mason on 8-16-84 to P & A the subject well as follows:

Set five 100' cement plugs as follows:

- 1. ~~5068-5168'~~ (Ismay formation top) 5195'-5295'
- 2. ~~4234-4334'~~ (Hermosa formation top) 4346'-4446'
- 3. ~~2258-2358'~~ (DeChelly formation top) 2405'-2505'
- 4. ~~1281-1381'~~ (Surface casing shoe) 1320'-1420'
- 5. 100' to surface

Install dry hole marker & rehabilitate location.

*Federal approval of this action is required.*

ACCEPTED  
APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL GAS AND MINING  
DATE: 8/28/84  
BY: John R. Bay

RECEIVED

SEP 21 1984

DIVISION OF OIL  
GAS & MINING

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

SIGNED T. Greg Merrion

TITLE Petroleum Engineer

DATE 8-21-84

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

\*See Instructions on Reverse Side