

UTAH DIVISION OF OIL AND GAS CONSERVATION

REMARKS: WELL LOG \_\_\_\_\_ ELECTRIC LOGS \_\_\_\_\_ FILE X WATER SANDS \_\_\_\_\_ LOCATION INSPECTED \_\_\_\_\_ SUB. REPORT/abd. \_\_\_\_\_

DATE FILED ~~11-14-77~~ 11-10-77

LAND: FEE & PATENTED \_\_\_\_\_ STATE LEASE NO. \_\_\_\_\_ PUBLIC LEASE NO. \_\_\_\_\_ INDIAN 14-20-603-370

DRILLING APPROVED: ~~11-14-77~~ 11-10-77

SPUDED IN:

COMPLETED: \_\_\_\_\_ PUT TO PRODUCING: \_\_\_\_\_

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION: 4567' GR

DATE ABANDONED: 3-19-80 LOCATION ABAONDONED DUE TO FAILURE TO SPUD IN REASONABLE TIME

FIELD: GREATER ANETH 3/86

UNIT: McELMO CREEK UNIT

COUNTY: SAN JUAN

WELL NO. McELMO CREEK UNIT #I-26 API NO: 43-037-30402

LOCATION 1805' FT. FROM (N) ~~XX~~ LINE. 150' FT. FROM (E) ~~XX~~ LINE. SE NE 1/4 - 1/4 SEC.

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				<u>41S.</u>	<u>24E.</u>	<u>24</u>	<u>THE SUPERIOR OIL COMPANY</u>

**FILE NOTATIONS**

Entered in NID File .....	Checked by Chief .....
Location Map Pinned .....	Approval Letter .....
Card Indexed .....	Disapproval Letter .....

**COMPLETION DATA:**

Date Well Completed .....	Location Inspected .....
..... WW..... TA.....	Bond released
SW..... OS..... RA.....	State or Fee Land .....

**LOGS FILED**

Driller's Log.....  
Electric Logs (No.) .....

E..... I.....	Dual I Lat.....	GR-N.....	Micro.....
AC Sonic GR.....	Lat.....	MI-L.....	Sonic.....
CBLog.....	CCLog.....	Others.....	

*[Handwritten signature]*  
9/6/91

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

**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  
 THE SUPERIOR OIL COMPANY

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface                      1805' FNL, 150' FEL, SEC. 24, T41S, R24E, SLB&M  
 At proposed prod. zone                      **SE NE**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 2.1 Miles NE of Aneth, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)  
 835'

16. NO. OF ACRES IN LEASE  
 40

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 2000'

19. PROPOSED DEPTH  
 5540'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 4567' Ungraded Ground Level

**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"	48#	100'	To Surface
12-1/4"	8-5/8"	24#	1275'	To Surface
7-7/8"	5-1/2"	14 & 15.5#	5540'	250 Sacks

1. Drill 17-1/2" hole to 100'. Set 13-3/8" casing to 100' and cement to surface.
2. Drill 12-1/4" hole to 1275'. Set 8-5/8" casing to 1275' and cement to surface.
3. Drill 7-7/8" hole through Desert Creek to approximately 5540'.
4. Log well.
5. Set 5-1/2" casing at 5540' and cement with 250 sacks.
6. Perforate Desert Creek and stimulate based on log evaluation.

APPROVED BY THE DIVISION OF  
 OIL, GAS, AND MINING  
 DATE: 11/10/77  
 BY: C. B. [Signature]

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 Charles L. Hill TITLE Sr. Area Engineer DATE Nov 1977

(This space for Federal or State office use)  
 PERMIT NO. 43-034-30402 APPROVAL DATE \_\_\_\_\_

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

5. LEASE DESIGNATION AND SERIAL NO.  
 74-20-603-370

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 NAVAJO

7. UNIT AGREEMENT NAME  
 McELMO CREEK UNIT *ole*

8. FARM OR LEASE NAME

9. WELL NO.  
 MCU #I-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

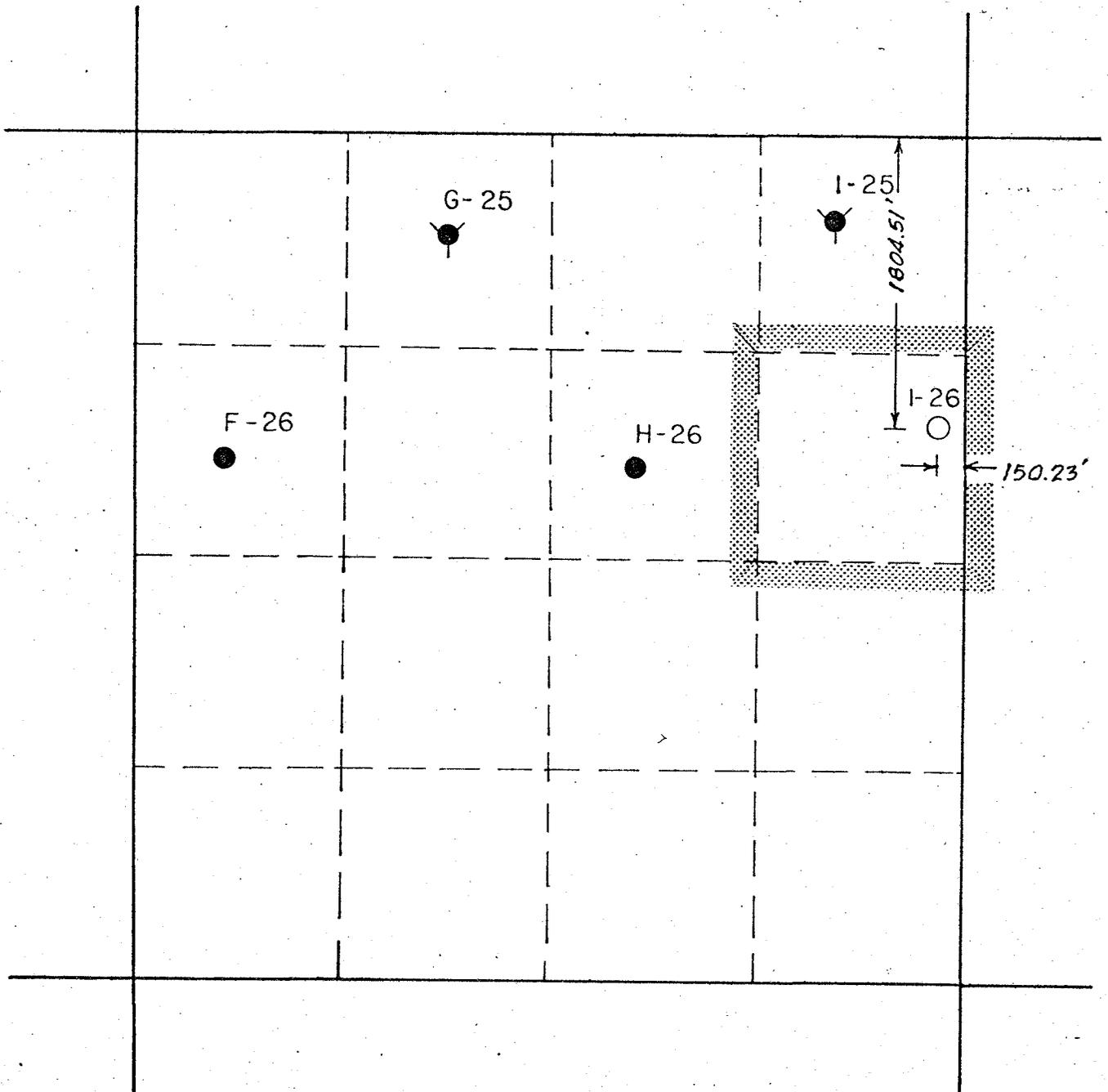
17. NO. OF ACRES ASSIGNED TO THIS WELL  
 40

20. ROTARY OR CABLE TOOLS  
 Rotary

22. APPROX. DATE WORK WILL START\*  
 Dec 15, 1977

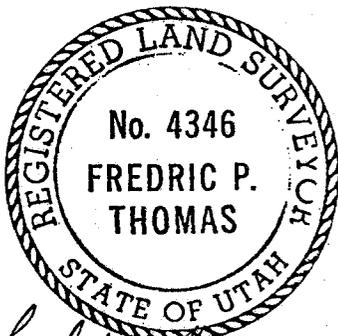
THE SUPERIOR OIL COMPANY  
Operator

WELL NO. MCU I-26



SE / NE SECTION 24, T41 S, R 24 E

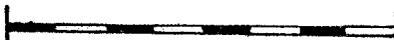
McELMO CREEK UNIT



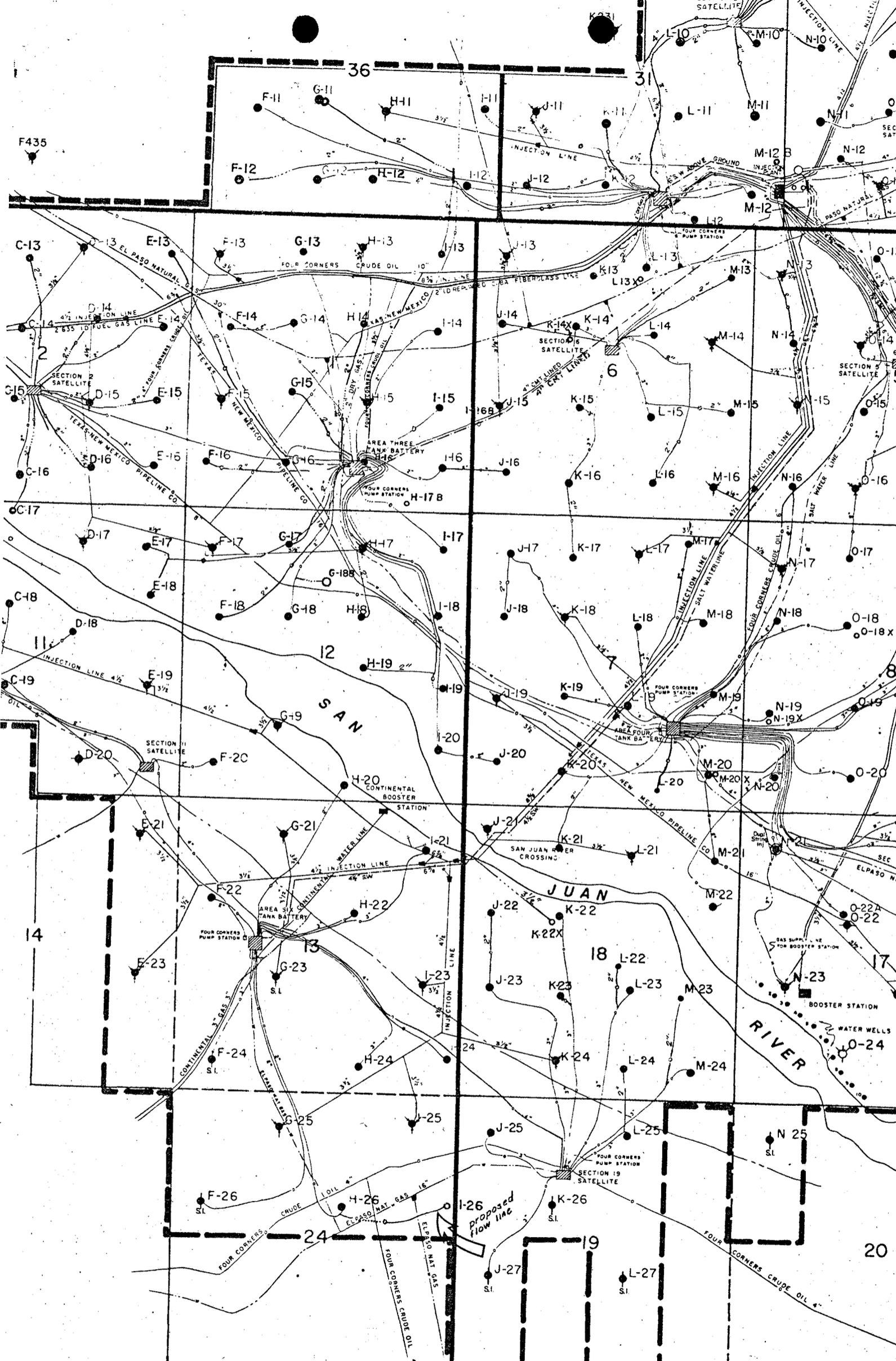
*Fredric P. Thomas*



Scale 1" = 1000'



- Location
- Well
- ⊙ Injector



**THE SUPERIOR OIL CO.**  
 CORTEZ - CASPER DISTRICT  
 ENGINEERING DEPARTMENT  
 McELMO CREEK UNIT  
 Pipe Line Plat 11-1-77



SUPPLEMENT TO FORM 9-331C

WELL: MCU #1-26

SURFACE FORMATION WHERE PROPOSED DRILLING IS TO TAKE PLACE: Dakota

ESTIMATED FORMATION TOPS: (Measured from KB approximately 4580')

Chinle	1235'
DeChelly	2394'
Ismay	5220'
Gothic Shale	5362'
Desert Creek	5377'
Chimney Rock Shale	5527'
TD	5540'

WATER BEARING FORMATION: Water is expected to be encountered intermittently from 400' to 1235'.

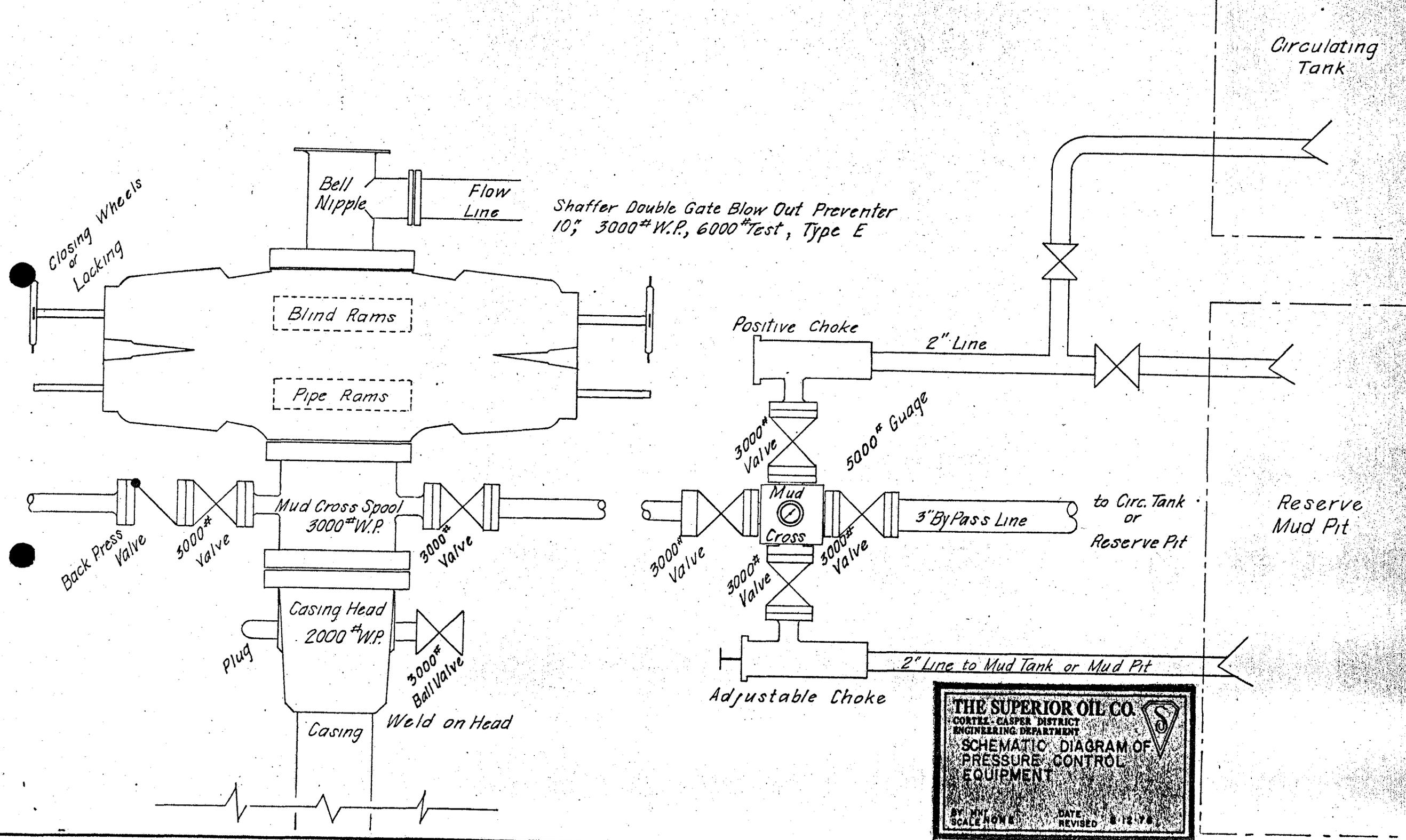
HYDROCARBON BEARING FORMATIONS: Oil and gas are expected to be encountered intermittently from 5377' to 5527'.

MUD PROGRAM: Surface to 2000' - Water.  
2000' to 4900' - Lignosulfonate or similar mud system; no water loss control, weighted as necessary with Barite.  
4900' to TD - Lignosulfonate or similar mud system; 15 cc water loss, weighted as necessary with Barite.

CEMENT PROGRAM: Surface - Cement to surface w/600 sx B. J. Light w/10#/sk Gilsonite, followed w/100 sx Class "B" Neat w/2% CaCl at 15.6 ppg.  
Production - 250 sx Class "B" with 5#/sk salt, 1/2#/sk Firm Set and 3/4% CFR-2.

LOGGING PROGRAM: CNL/DENSITY/GR and DUAL IND/LATERLOG - TD to 5000'.

PRESSURE CONTROLS: Blowout preventer equipment will be 10" Series 600 with blind rams and drill pipe rams hydraulically and manually controlled. The schematic of the pressure control equipment can be seen on the following page. The mud system will be monitored by visual inspection.



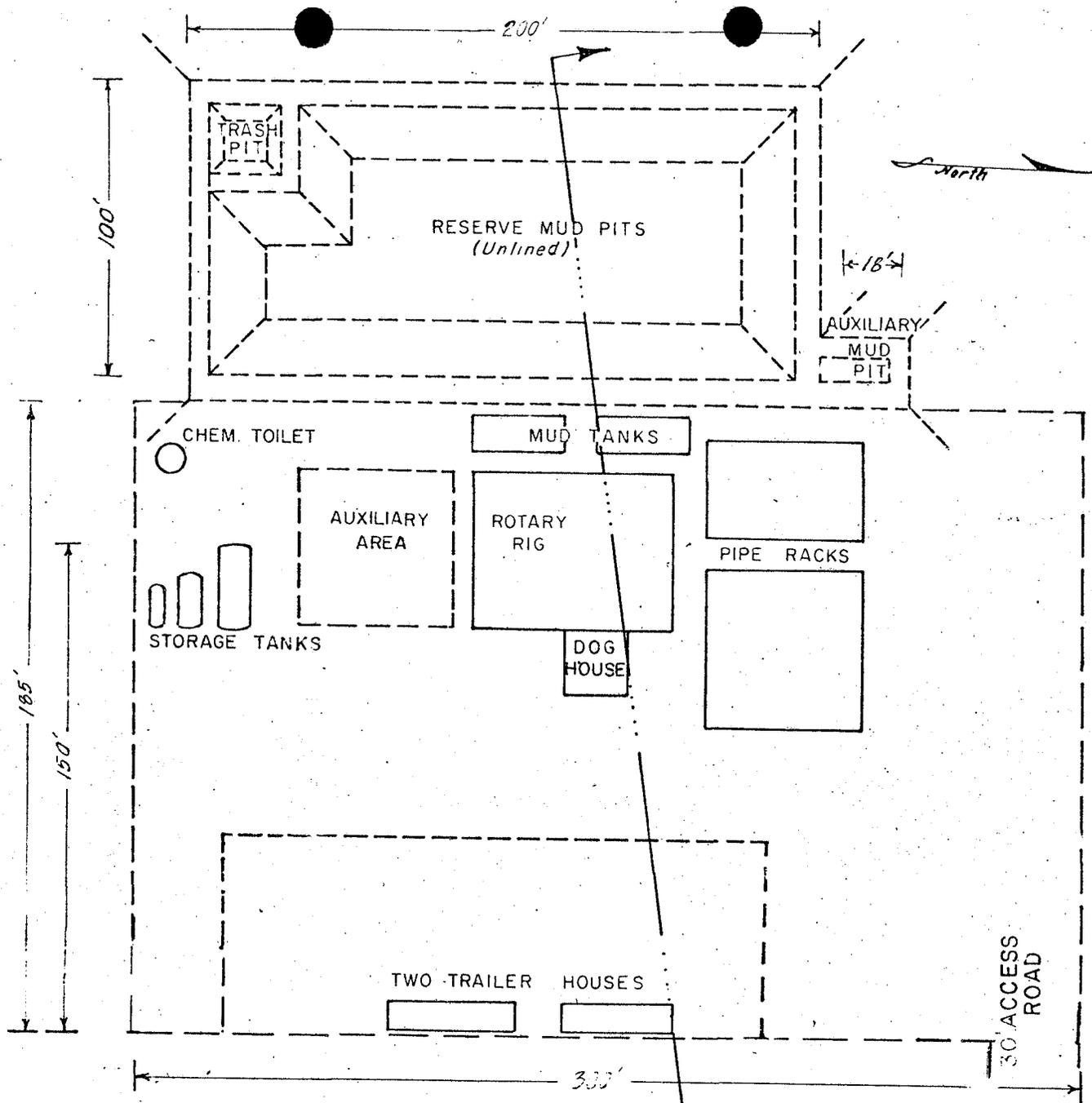
Shaffer Double Gate Blow Out Preventer  
 10"; 3000# W.P., 6000# Test, Type E

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

**SCHEMATIC DIAGRAM OF  
 PRESSURE CONTROL  
 EQUIPMENT**

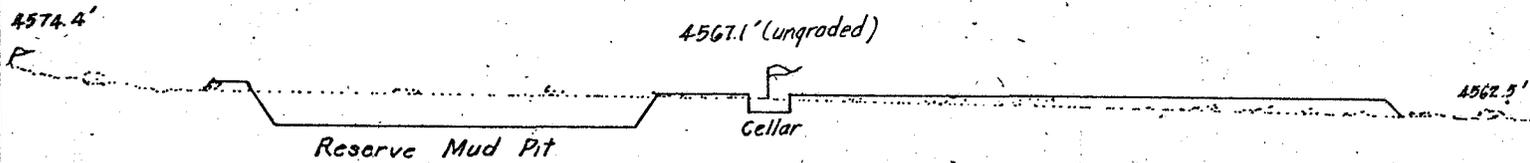
BY: H. W. HONE      DATE:      REVISED: 8-12-78

SCALE: NONE



THE DRILLING PAD WILL BE GRADED AND COMPACTED, AND COMPOSED OF NATIVE MATERIALS.

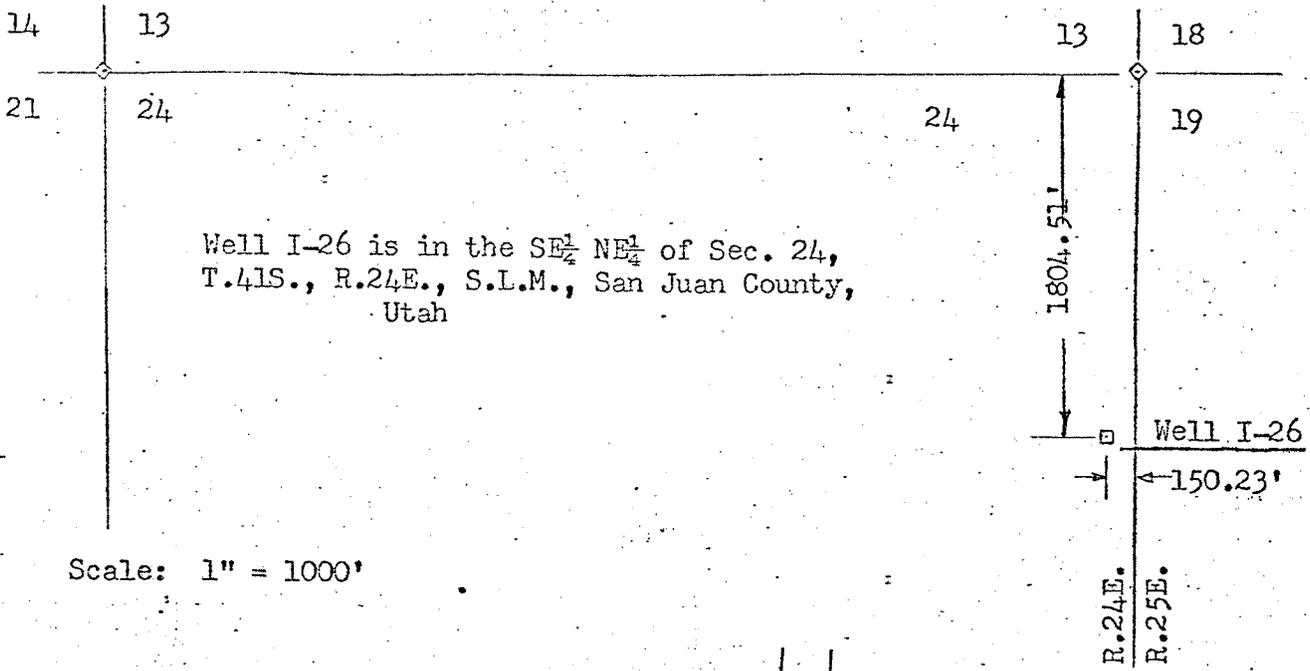
*Proposed Site of I-26*



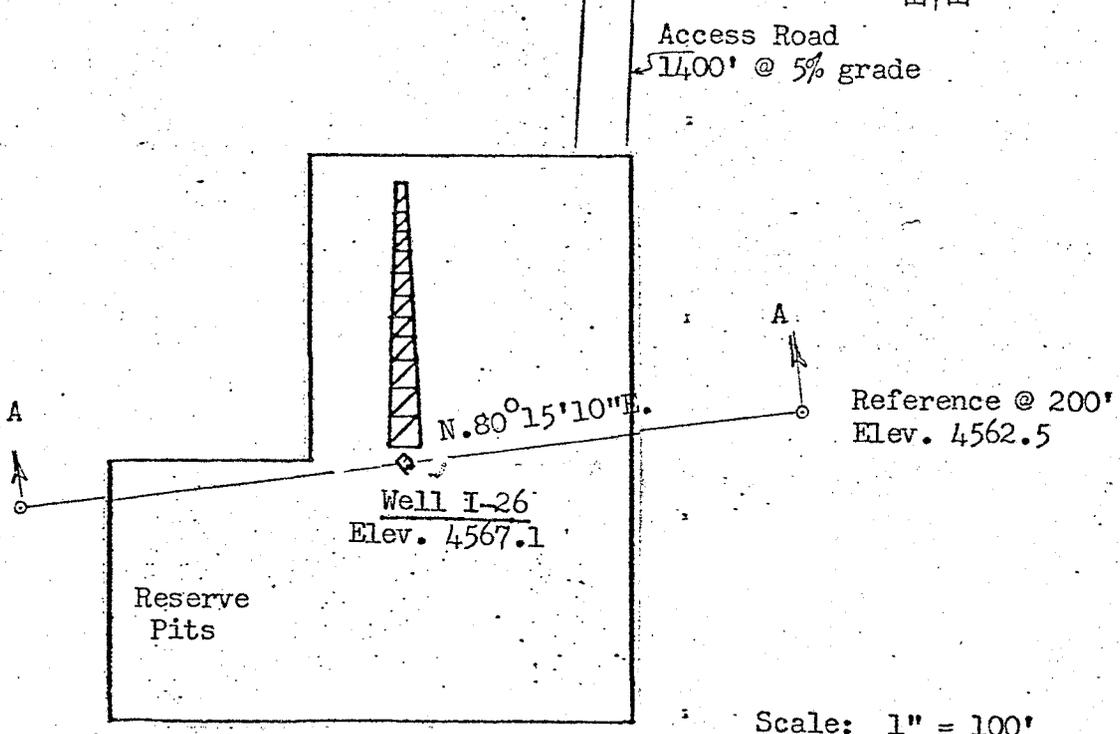
- - - - - Original contour
- F Reference point
- Line of proposed grading

**THE SUPERIOR OIL CO.**  
 CORTEZ-CASPER DISTRICT  
 ENGINEERING DEPARTMENT  
**RIG LAYOUT & DRILL  
 PAD CROSS SECTION**  
 MCU WELL No. I-26  
 McELMO CREEK UNIT  
 SAN JUAN COUNTY, UTAH  
 BY M.H.T. DATE 8-12-76  
 SCALE 1" = 50' REVISED

Superior Oil Company  
 October 28, 1977  
 Well No. I-26

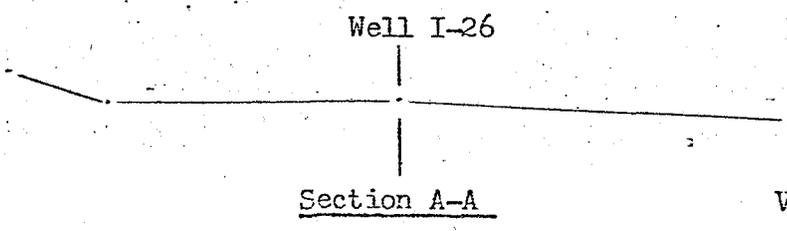


Scale: 1" = 1000'



Scale: 1" = 100'

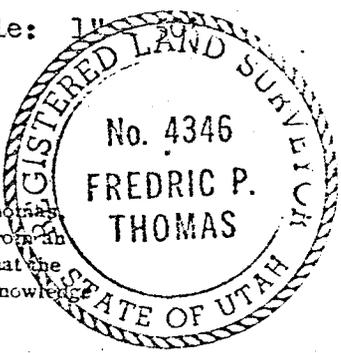
- 4580
- 70
- 60
- 50



Soil: Rocky  
 Vegetation: Scattered brush

Horizontal Scale: 1" = 100'  
 Vertical Scale: 1" = 20'

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

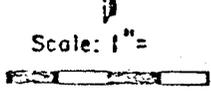


**THOMAS** Engineering Inc.

432 N. Broadway  
 Cortez, Colorado  
 565-7805

*Fredric P. Thomas*  
 Fredric P. Thomas  
 Reg. L.S. and P.E.  
 Colo. Reg. No. 6728  
 Utah Reg. No. 4346

Bearing by solar observation



Corners are 1 1/2" rebar

# THE SUPERIOR OIL COMPANY

P. O. DRAWER G

CORTEZ, COLORADO 81321

November 1, 1977

Mr. P. T. McGrath  
District Engineer  
U. S. Geological Survey  
P. O. Box 959  
Farmington, New Mexico 87401

Re: Surface Use Development Plan  
Proposed Well  
McElmo Creek Unit #I-26  
1805' FNL, 150' FEL  
Section 24, T41S, R24E  
San Juan County, Utah

Dear Mr. McGrath:

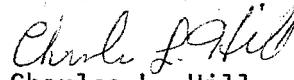
The "Surface Use Development Plan" for the proposed McElmo Creek Unit Well #I-26 is as follows:

1. The existing roads and the location of the main highway exit are shown on the attached road and pipeline plat.
2. A new 1400' X 30' access road is required, as shown on the attached plat. The proposed road will run south to the location and will be of compacted sand and gravel with a maximum grade of 5%. The road will be constructed so as to provide for adequate drainage. No major cuts or fills will be necessary.
3. The location and status of wells in the vicinity are shown on the attached plat.
4. The location of existing tank batteries, flow lines and lateral roads in the vicinity of the proposed well are shown on the attached plat. The 2" flow line for the proposed well will run 2300' west to an existing flow line.
5. Water for drilling operations will be obtained from the San Juan River.
6. Materials necessary for the construction of the access road and drilling pad will be obtained from the location. No access roads for the purpose of hauling materials will be necessary.
7. Waste materials will be collected in earth pits. The perimeter of these pits will be fenced with small mesh wire. When drilling operations are complete these earth pits will be backfilled and leveled to the contour of the original landscape. Small portable trailer houses for the company and contract personnel may be on the location. A sufficient number of OSHA approved chemical toilets will be provided and maintained.

8. No permanent campsites or airstrips are anticipated.
9. The location and position of drilling equipment is shown on the attached plat. Included on this plat is a cross section diagram showing cuts and fills necessary for the construction of the drilling pad. The drilling pad will be located approximately at ground level. Materials at the location will be used for elevation on the pad.
10. The proposed drillsite is located on a sandstone outcrop near the San Juan River. Surface land is owned by the Navajo Tribe and is used primarily for grazing. Vegetation consists of sparse desert type ground cover and Tamarisks. There are no Indian habitations or artifacts in the immediate vicinity of the proposed drillsite, access road, flow line, construction material site or roads used in transportation of material.

Very truly yours,

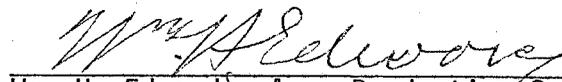
THE SUPERIOR OIL COMPANY

  
Charles L. Hill

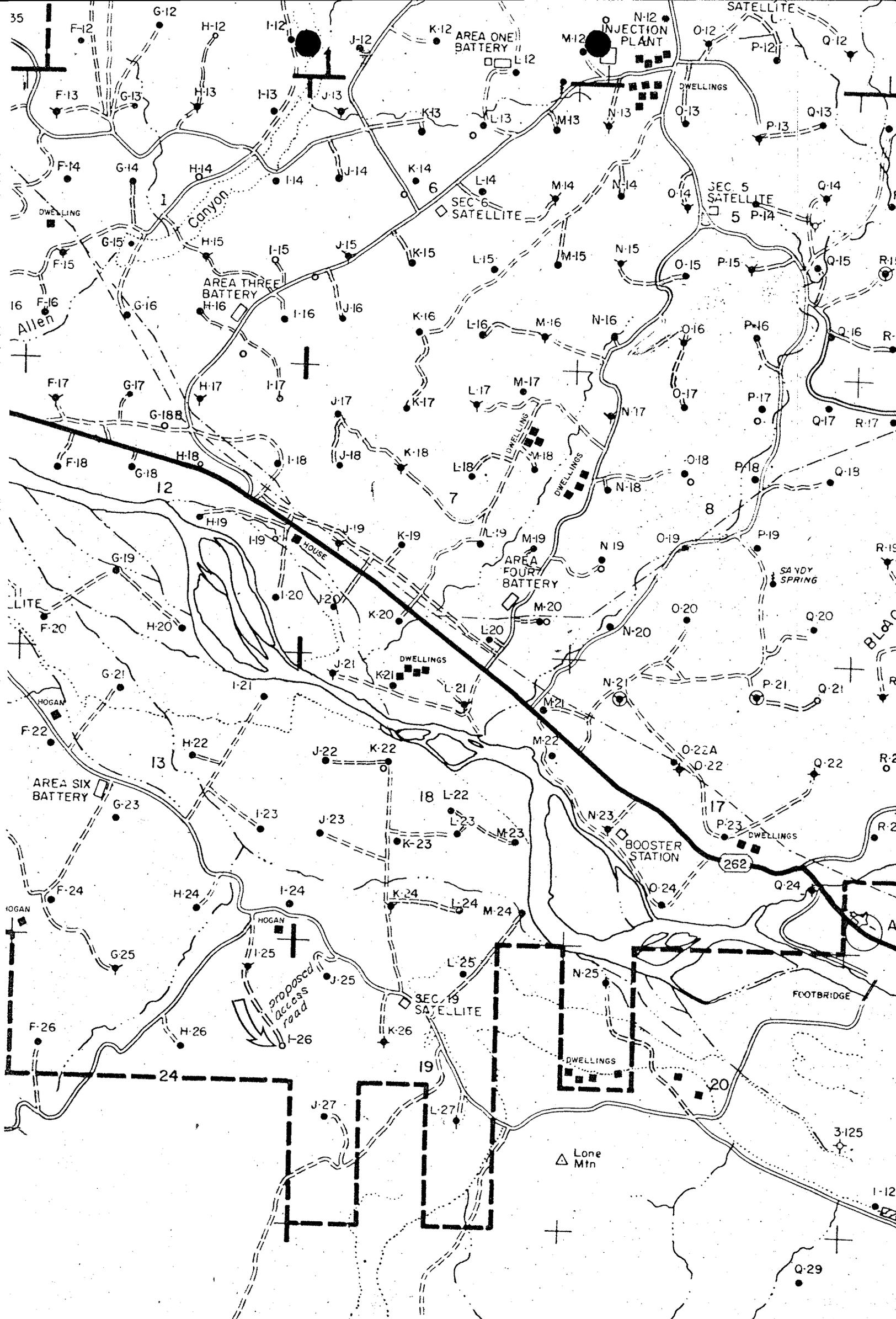
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by THE SUPERIOR OIL COMPANY and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

10-2-77

Date

  
Wm. H. Edwards, Area Production Superintendent

CLH/1h



**THE SUPERIOR OIL CO.** 

CORTEZ-CASPER DISTRICT  
PRODUCTION DEPARTMENT

PROPOSED LOCATIONS  
McELMO CREEK UNIT  
San Juan County, Utah

BY M.H.T. DATE  
SCALE 1" = 2000 REVISED 10-31-77

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

\*\* FILE NOTATIONS \*\*

Date: Nov. 10 -

Operator: Superior Oil Co.

Well No: McElmo Creek I-26

Location: Sec. 24 T. 41S R. 24E County: San Juan

File Prepared:   
Card Indexed:

Entered on N.I.D.:   
Completion Sheet:

API NUMBER: 43-034-30402

CHECKED BY:

Administrative Assistant AW

Remarks: P

Petroleum Engineer \_\_\_\_\_

Remarks:

Director \_\_\_\_\_

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: Ok

Survey Plat Required:

Order No. \_\_\_\_\_

Surface Casing Change   
to \_\_\_\_\_

Rule C-3(c), Topographic exception/company owns or controls acreage within a 660' radius of proposed site

O.K. Rule C-3

O.K. In M. Creek Unit

Other:

Letter Written/Approved

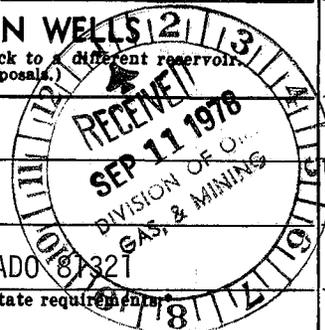
STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

P

**SUNDRY NOTICES AND REPORTS ON WELLS**

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



5. LEASE DESIGNATION AND SERIAL NO.	14-20-603-370
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	NAVAJO
7. UNIT AGREEMENT NAME	McELMO CREEK UNIT
8. FARM OR LEASE NAME	
9. WELL NO.	MCU #I-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

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
THE SUPERIOR OIL COMPANY

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface  
1805' FNL, 150' FEL, SEC. 24, T41S, R24E, SLB&M

14. PERMIT NO.  
43-037-30402

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
4567' Ungraded Ground Level

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 checked="" type="checkbox"/>	(Other) _____	

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

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

1. The proposal to drill this well has been submitted to our Joint Interest Section for the working interest owners approval. As of this date we have not received the unit operating agreements approval percentage and have not drilled the well. We will begin drilling operations as soon as the approval is reached.

~~APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING  
DATE: \_\_\_\_\_  
BY: \_\_\_\_\_~~

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

SIGNED J. R. Oberlander TITLE Engineer DATE 9-5-78

(This space for Federal or State office use)

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

SCOTT M. MATHESON  
Governor



OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
*Executive Director,*  
NATURAL RESOURCES

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

I. DANIEL STEWART  
*Chairman*

CLEON B. FEIGHT  
*Director*

DIVISION OF OIL, GAS, AND MINING

1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771

CHARLES R. HENDERSON  
JOHN L. BELL  
THADIS W. BOX  
C. RAY JUVELIN

August 18, 1978

The Superior Oil Company  
PO Drawer "G"  
Cortez, Colorado 81321

Re: Well locations listed on  
attached sheet

Gentlemen:

Our records indicate that you have not filed a Monthly Report of Operations for the months indicated above on the subject wells.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1b, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, & MINING

Tammy Edge  
Typist

X Well No. McElmo Creek #I-26  
Sec. 24, T. 41S, R. 24E  
San Juan County, Utah  
January 1978-July 1978

Well No. McElmo Creek Unit K-22X  
Sec. 18, T. 41S, R. 25E  
San Juan County, Utah  
November 1977-July 1978

Well No. McElmo Creek S-23  
Sec. 16, T. 41S, R. 25E  
San Juan County, Utah  
December 1977-July 1978

Well No. McElmo Creek T-12A  
Sec. 33, T. 40S, R. 25E  
San Juan County, Utah  
December 1977-July 1978

Well No. Navajo Tribal 32-41  
Sec. 32, T. 41S, R. 25E  
San Juan County, Utah  
June 1978-July 1978

Well No. Navajo Tribal 34-22  
Sec. 34, T. 41S, R. 25E  
San Juan County, Utah  
May 1978-July 1978



SCOTT M. MATHESON  
Governor

GORDON E. HARMSTON  
Executive Director,  
NATURAL RESOURCES

CLEON B. FEIGHT  
Director

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON  
Chairman

JOHN L. BELL  
C. RAY JUVELIN  
THADIS W. BOX  
CONSTANCE K. LUNDBERG  
EDWARD T. BECK  
E. STEELE McINTYRE.

February 7, 1980

The Superior Oil Co.  
P. O. Drawer "G"  
Cortez, Colo. 81321

RE: Well No. McElmo Creek #I-26  
Sec. 24, T. 41S, R. 24E,  
San Juan County, Utah  
Well No. McElmo Creek #S-23  
Sec. 16, T. 41S, R. 25E,  
San Juan County, Utah

Gentlemen:

In reference to above mentioned well(s), considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill this well (these wells), please notify this Division. If spudding or any other activity has taken place, please send necessary forms.\* If we do not hear from your company within fifteen (15) days, we will assume you do not intend to drill this well, and action will be taken to terminate the application. If you plan on drilling this well at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

DEBBIE BEAUREGARD  
CLERK-TYPIST

March 19, 1980

The Superior Oil Co.  
P.O. Box "G"  
Cortez, Colorado 81321

Re: Well No. McElmo Creek #1-26  
Sec. 24, T. 41S, R. 24E.  
San Juan, County, Utah

Well No. McElmo Creek #S-23  
Sec. 16, T. 41S, R. 25E.  
San Juan County, Utah

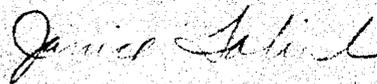
Gentlemen:

Approval to drill the above mentioned wells, which were granted on 11-10-77, is hereby terminated for failure to spud in a reasonable period of time.

If and when you should decide to drill these wells, it will be necessary for you to again obtain the approval of this Division.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

  
JANICE TABISH  
CLERK-TYPIST