

UTAH DIVISION OF OIL AND GAS CONSERVATION

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

*2-15-77 - Location abandoned; well never drilled*

DATE FILED 12-14-76

LAND: FEE & PATENTED \_\_\_\_\_ STATE LEASE NO. \_\_\_\_\_ PUBLIC LEASE NO. \_\_\_\_\_ INDIAN 14-20-603-263

DRILLING APPROVED: 12-14-76

SPOUDED IN:

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

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: *2-15-77 Location abandoned*

FIELD: Greater Aneth *384*

UNIT:

COUNTY: San Juan

WELL NO: McElmo Creek Unit L-22

API NO: 43-037-30340

LOCATION 2413' FT. FROM XX (S) LINE. 2541' FT. FROM XX (W) LINE. NE NE SW  $\frac{1}{4}$  -  $\frac{1}{4}$  SEC. 18

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
<u>41S</u>	<u>25E</u>	<u>18</u>	<u>SUPERIOR OIL CO.</u>				

2-15-77 - Location Abandoned. talked to Mr. David  
Allison (Engineer) & he said this  
application was sent out by mistake,  
& to cancel application. (K.O.)

FILE NOTATIONS

Entered in NID File	<input checked="" type="checkbox"/>	Checked by Chief	_____
Entered On S R Sheet	_____	Copy NID to Field Office	_____
Location Map Pinned	<input checked="" type="checkbox"/>	Approval Letter	_____
Card Indexed	<input checked="" type="checkbox"/>	Disapproval Letter	_____
I W R for State or Fee Land	_____		

COMPLETION DATA:

Date Well Completed	_____	Location Inspected	_____
OW.....	WW.....	TA.....	Bond released
GW.....	OS.....	PA.....	State of Fee Land

LOGS FILED

Driller's Log.....  
Electric Logs (No. ).....  
E..... I..... E-I..... GR..... GR-N..... Micro.....  
Lat..... Mi-L..... Sonic..... Others.....

11-29-91  
Jea

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT TRIPPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1425

6

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

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  
 2413' FSL, 2541' FWL, SECTION 18, T41S, R25E, SLB&M  
 At proposed prod. zone *new well*

5. LEASE DESIGNATION AND SERIAL NO.  
 14-20-603-263

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 NAVAJO

7. UNIT AGREEMENT NAME  
 McELMO CREEK UNIT

8. FARM OR LEASE NAME

9. WELL NO.  
 MCU #L-22

10. FIELD AND POOL, OR WILDCAT  
 GREATER ANETH

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 SECTION 18, T41S, R25E

12. COUNTY OR PARISH  
 SAN JUAN

13. STATE  
 UTAH

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

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 3000'

16. NO. OF ACRES IN LEASE

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.  
 1000'

19. PROPOSED DEPTH  
 5375'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 4451' Ungraded Ground Level

22. APPROX. DATE WORK WILL START\*  
 May 10, 1977

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"	9-5/8"	32#	1150'	To Surface
8-3/4"	7"	20 & 23#	5375'	250 Sacks

1. Drill 17-1/2" hole to 100'. Set 13-3/8" casing at 100' and cement to surface.
2. Drill 12-1/4" hole to 1150'. Set 9-5/8" casing to 1150' and cement to surface.
3. Drill 8-3/4" hole through Desert Creek Zone II approximately 5375'.
4. Log well.
5. Set 7" casing at 5375' and cement with 250 sacks.
6. Perforate Desert Creek and stimulate based on log evaluation.

This well is a part of a 40-acre infill drilling program now underway at McElmo Creek Unit.

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING

DATE: 12-14-76

BY: *C. B. Light*

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed 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.

SIGNED *David G. Allison* TITLE Engineer DATE December 6, 1977

(This space for Federal or State office use)

PERMIT NO. 43-037-30340 APPROVAL DATE

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

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

DGA/1h  
 Orig. + 3 - USGS, State - 2, J. K. Lawson, W. N. Mosley  
 J. M. Moter, D. H. Collins, W. J. Mann See Instructions On Reverse Side  
 Navajo Tribe, WIO, File

*Location abandoned 2-15-77*

# THE SUPERIOR OIL COMPANY

P. O. DRAWER G

CORTEZ, COLORADO 81321

December 6, 1976

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 #L-22  
2413' FSL, 2541' FWL  
Section 18, T41S, R25E  
San Juan County, Utah

Dear Mr. McGrath:

The "Surface Use Development Plan" for the proposed McElmo Creek Unit Well #L-22 is as follows:

1. The existing roads and the location of the main highway exit are shown on the attached USGS topographic map.
2. A new 700' X 30' access road is required, as shown on the attached plat. The proposed road will run east to the location and will be of compacted sand and gravel with a maximum grade of 4%. 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 2-1/2" flow line for the proposed well will run 400' 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 directly from the construction site. 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 drilling 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. Native materials from the immediate area will be used in its construction.
10. After the well is completed a 75' X 100' production pad will be constructed. All other disturbed areas not necessary to normal well maintenance will be returned as near as possible to the original contour that existed prior to the commencement of drilling operations.
11. 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 or flow line.

Very truly yours,

THE SUPERIOR OIL COMPANY

*David G. Allison*  
David G. Allison by *Charles R. 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.

02-8-76  
Date

Wm. H. Edwards  
Wm. H. Edwards, Area Production Superintendent

SUPPLEMENT TO FORM 9-331C

WELL: MCU #L-22

SURFACE FORMATION WHERE PROPOSED DRILLING IS TO TAKE PLACE: Cedar Mesa

ESTIMATED FORMATION TOPS: (Measured from KB)

Chinle	1116'
DeChelly	2295'
Ismay	5033'
Gothic Shale	5170'

WATER BEARING FORMATIONS: Water is expected to be encountered intermittently from 100' to 1116'.

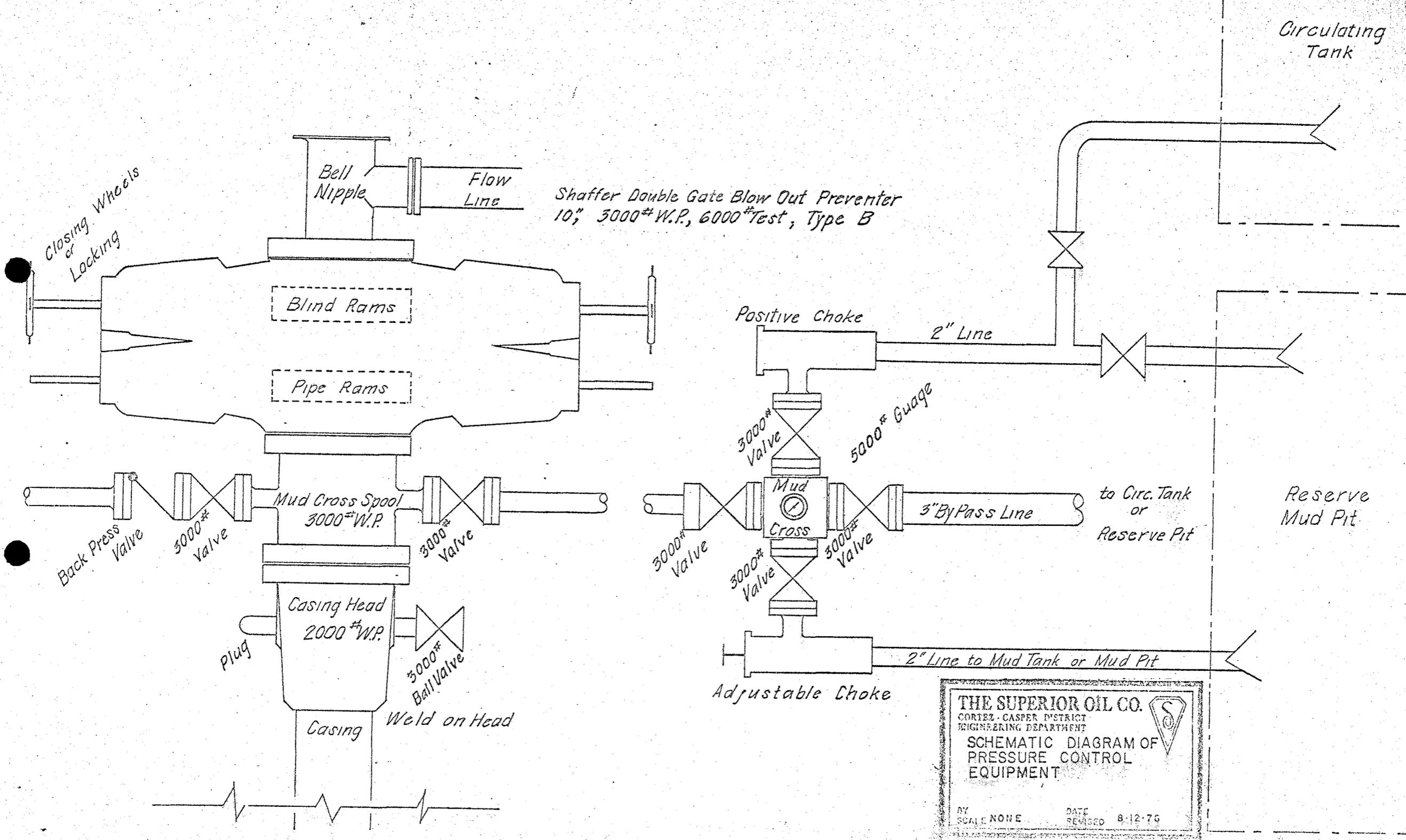
HYDROCARBON BEARING FORMATIONS: Oil and gas are expected to be encountered intermittently from 5150' to 5375'.

MUD PROGRAM: Surface to 2000' - Water  
2000' to 5400' - Lignosulfonate or similar mud system;  
(Wt. 9.6-10.4, Vis. 32-38, water loss 20+)  
5400' to TD - Lignosulfonate or similar mud system; 15 cc  
water loss, viscosity 38-42, weighted as necessary  
with Barite

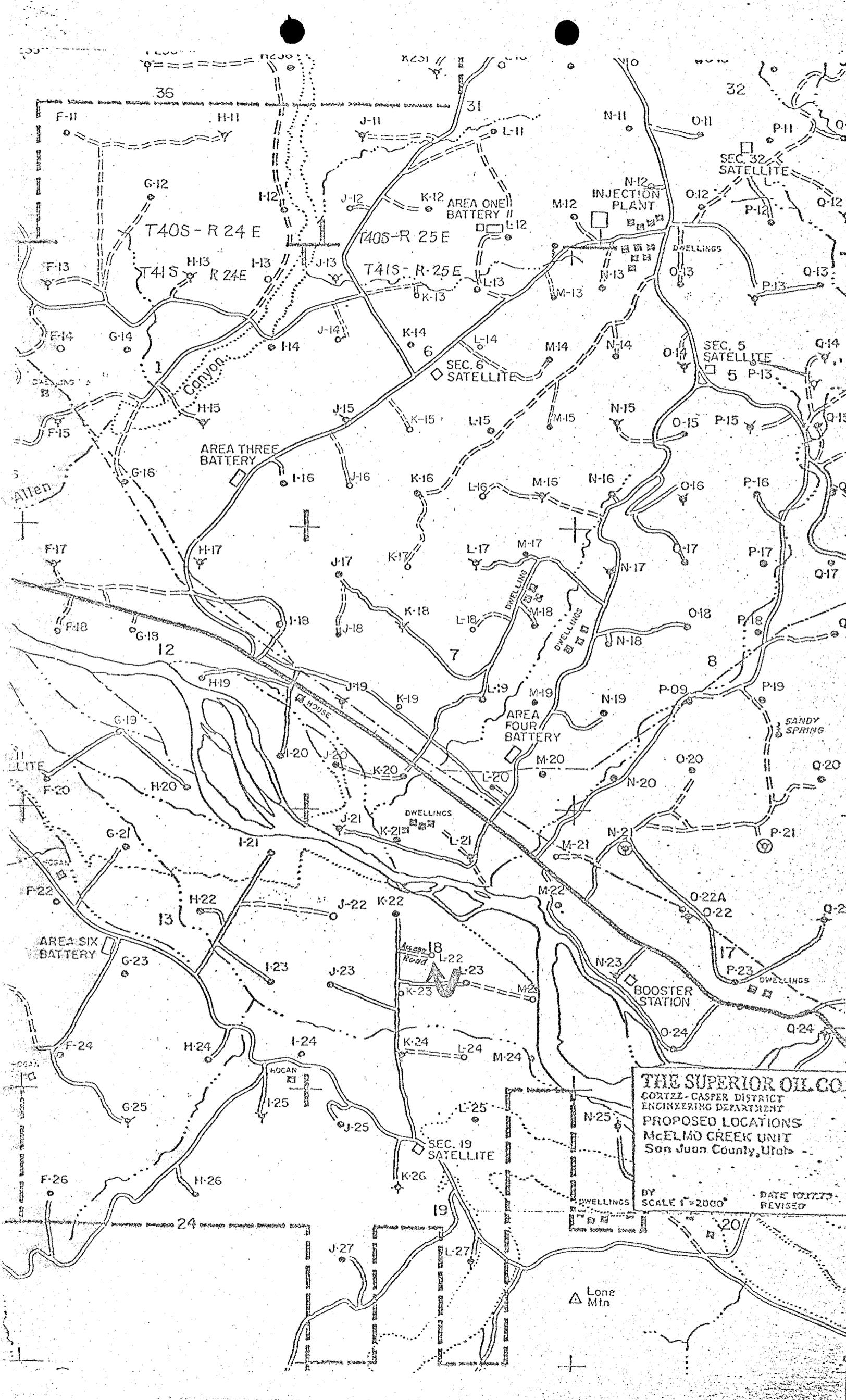
CEMENT PROGRAM: Conductor - Class "B" with 4% gel, 2% CaCl and 1/4#/sx  
Flocele  
Surface - 845 sx Pozmix "B" (14.2 ppg, 5.75 gal wtr/sx,  
1.28 yield) followed with 100 sx Class "B" with  
2% CaCl  
Production - Class "B" with 5#/sx salt, 1/2#/sx Firm Set  
and 3/4% CFR-2

LOGGING PROGRAM: CNL/DENSITY/GR -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 blowout equipment will be tested at regular  
intervals. A schematic of the pressure control equipment  
can be seen on the following page. The mud system will be  
monitored by visual inspection.



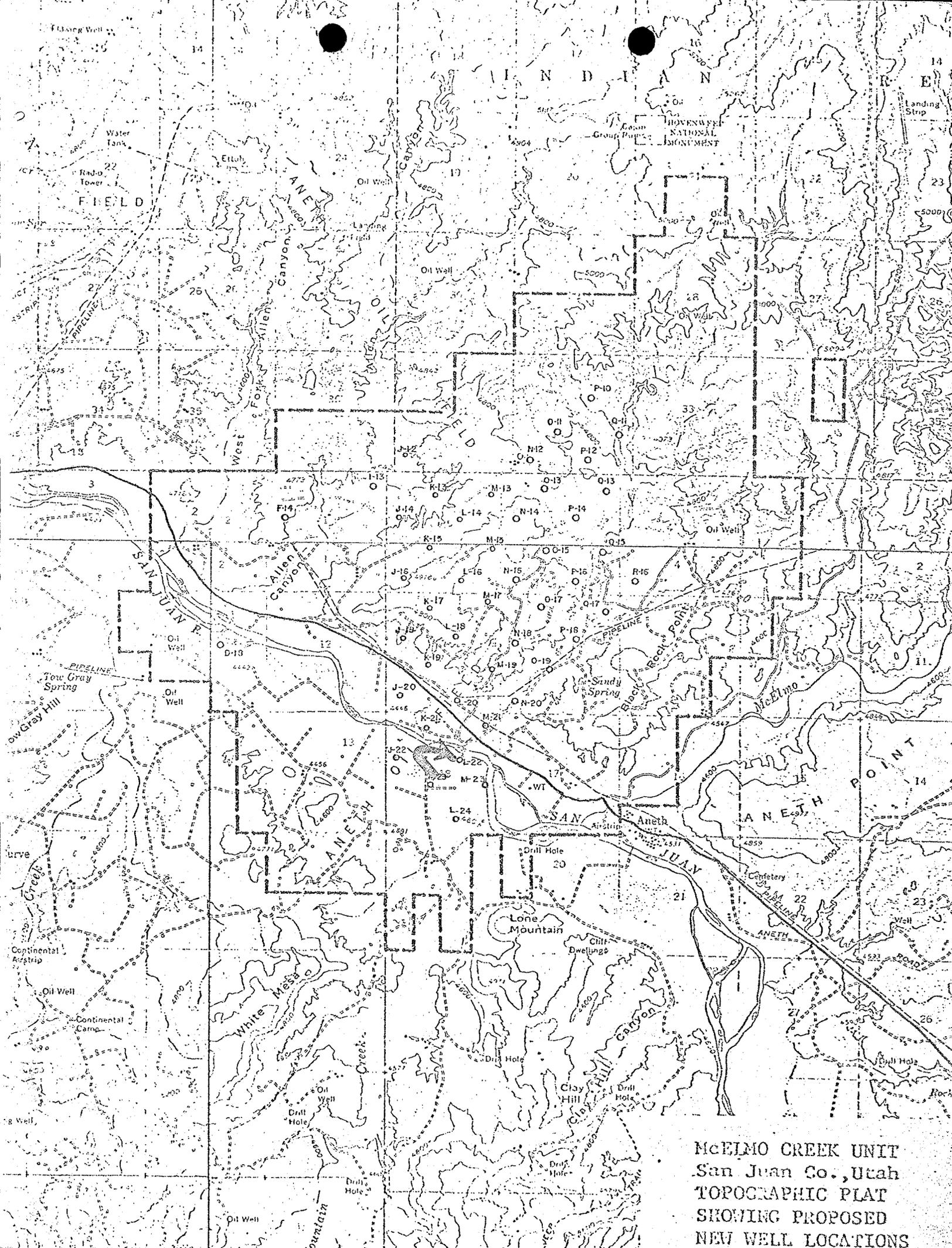
THE SUPERIOR OIL CO.   
 CORTEZ-CASPER DISTRICT  
 ENGINEERING DEPARTMENT  
 SCHEMATIC DIAGRAM OF  
 PRESSURE CONTROL  
 EQUIPMENT  
 BY SCALE NONE DATE 8-12-76  
 REVISION 8-12-76



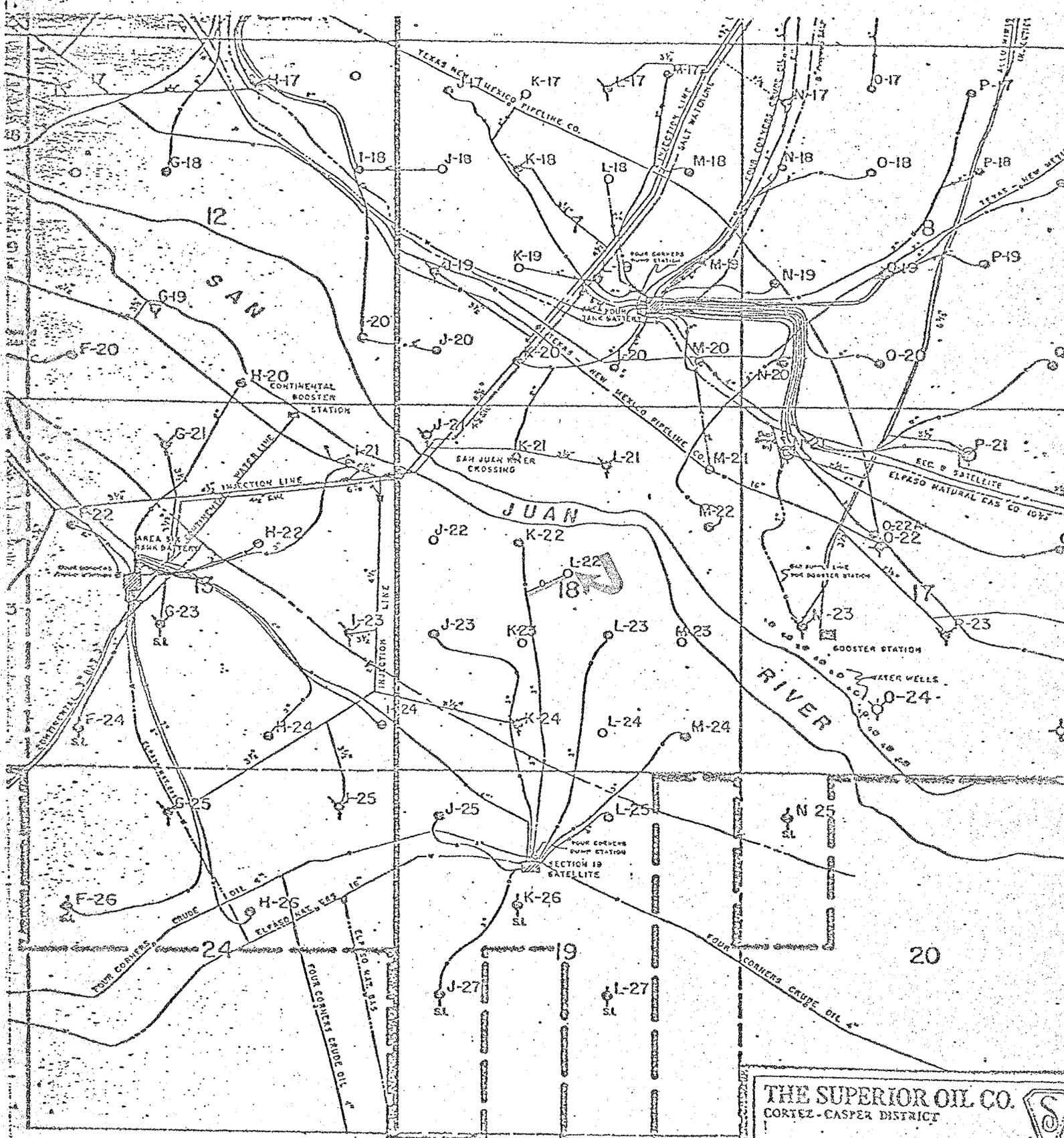
**THE SUPERIOR OIL CO.**  
 CORTAZ-CASPER DISTRICT  
 ENGINEERING DEPARTMENT  
 PROPOSED LOCATIONS  
 McELMO CREEK UNIT  
 San Juan County, Utah

BY SCALE 1"=2000'      DATE 10/27/73  
 REVISED

▲ Lone  
 Mtn



McELMO CREEK UNIT  
 San Juan Co., Utah  
 TOPOGRAPHIC PLAT  
 SHOWING PROPOSED  
 NEW WELL LOCATIONS



THE SUPERIOR OIL CO.  
CORTEZ-CASPER DISTRICT

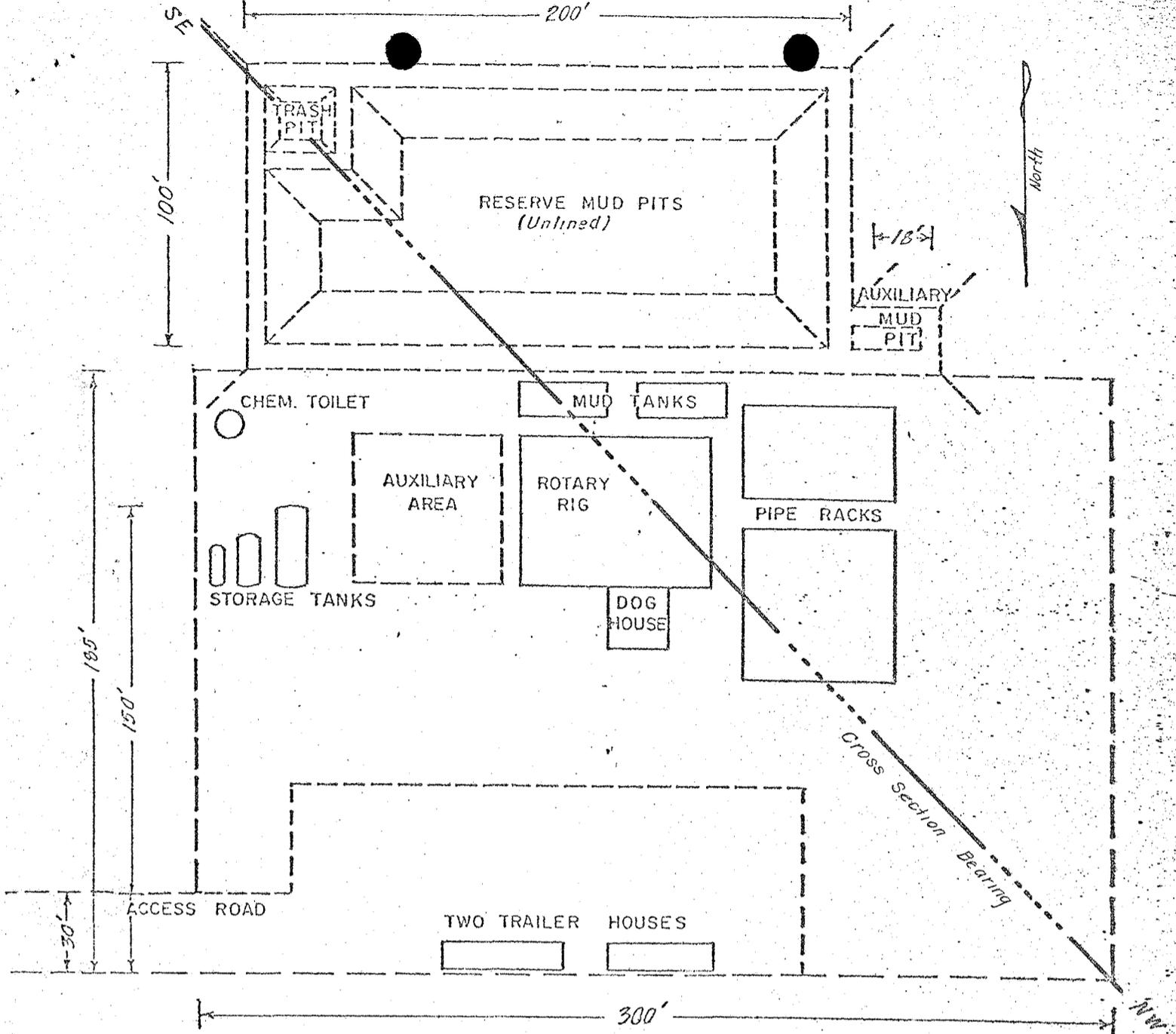
PIPELINE PLAT

Proposed Location  
and Flow Line L-22

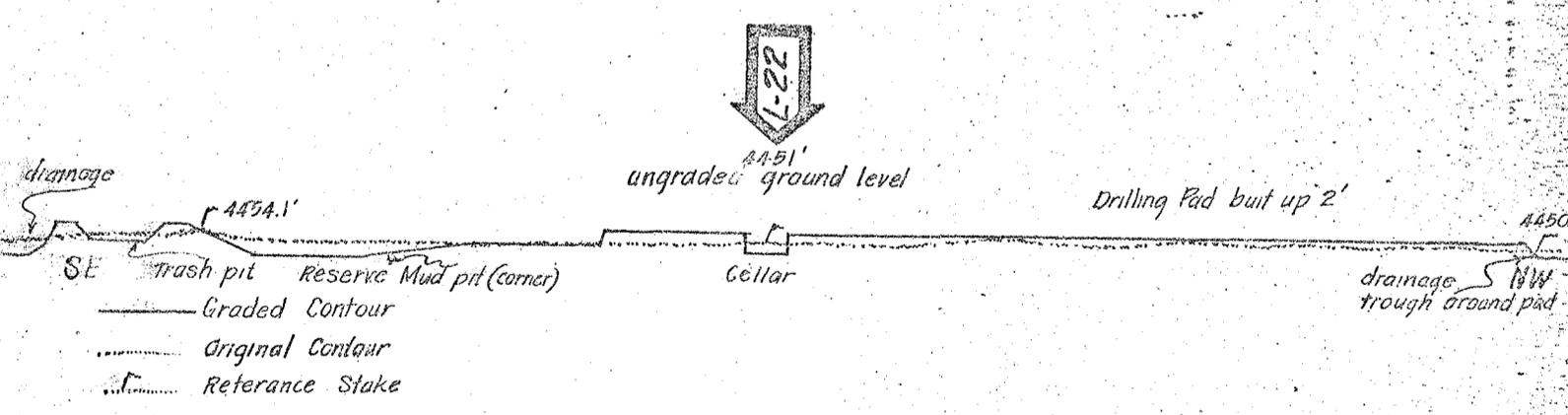
BY SCALE 1" = 1,000' DATE 10/11/76  
REVISED

R24E  
R25E  
T41S  
30

29

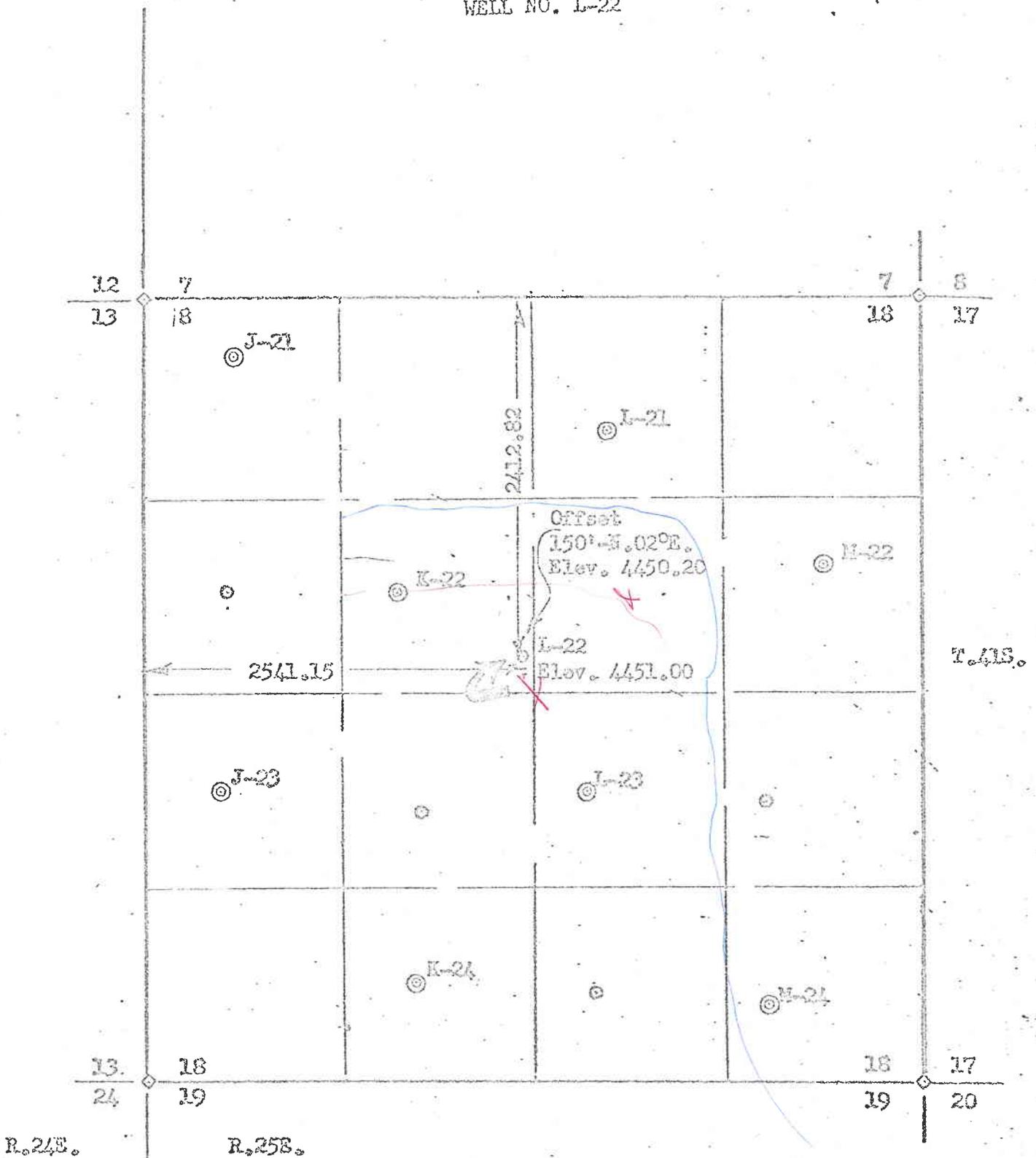


THE DRILLING PAD WILL BE GRADED AND COMPACTED, AND COMPOSED OF NATIVE MATERIALS.



**THE SUPERIOR OIL CO.**  
 CONTEZ-CASPER DISTRICT  
 ENGINEERING DEPARTMENT  
**RIG LAYOUT & DRILL  
 PAD CROSS SECTION**  
 MCU WELL No. L-22  
 McELMO CREEK UNIT  
 SAN JUAN COUNTY, UTAH  
 BY M.H.T. DATE 6-12-78  
 SCALE 1" = 50' REVISED

WELL NO. L-22



- - Proposed Wells
- ⊙ - Existing Wells



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.

*Fredric P. Thomas*

Fredric P. Thomas  
 Reg. L. S. and P. E.  
 Colo. Reg. No. 5728

Bearing by  
 solar  
 observation

Scale: 1" = 1000  
 1000 500 0

Corners  
 are 1 1/2"  
 rebar

**THOMAS** Engineering Inc.

432 N. Broadway  
 Cortez, Colorado  
 565-7805

STATE OF UTAH  
DIVISION OF OIL, GAS, AND MINING

\*\* FILE NOTATIONS \*\*

Date: Dec. 14-  
Operator: Superior Oil  
Well No. MC Chua Creek L-22  
Location: Sec. 18 T. 41S R. 25E, County: San Juan

File Prepared	<input checked="" type="checkbox"/>	Entered on N.I.D.	<input checked="" type="checkbox"/>
Card Indexed	<input checked="" type="checkbox"/>	Completion Sheet	<input checked="" type="checkbox"/>

Checked By:

Administrative Assistant: [Signature]  
Remarks: Outside Unit Area 432 from boundary  
Petroleum Engineer: O.K. [Signature]

Remarks:

Director: \_\_\_\_\_

Remarks:

Include Within Approval Letter:

Bond Required  Survey Plat Required   
Order No. 152-2  Surface Casing Change   
to \_\_\_\_\_

Rule C-3(c), Topographical 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:

[Signature]  
Letter written