

UTAH OIL AND GAS CONSERVATION COMMISSION

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

DATE FILED 9-25-78

LAND: FEE & PATENTED _____ STATE LEASE NO. _____ PUBLIC LEASE NO. _____ INDIAN 14-20-603-372

DRILLING APPROVED: 9-25-78

SPUDED IN:

COMPLETED: _____ PUT TO PRODUCING: _____

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: LOCATION ABANDONED WELL NEVER DRILLED 1-9-81

FIELD: Greater Aneth 7/86

UNIT: McElmo Creek

COUNTY: San Juan

WELL NO. McElmo Creek Unit L-13X (WI) API NO: 43-037-30468

LOCATION 836' FT. FROM (N) XX LINE, 2101' FT. FROM (E) XX LINE. NW NE 2 ¼-¼ SEC. 6

| TWP. | RGE. | SEC. | OPERATOR | TWP. | RGE. | SEC. | OPERATOR: |
|------|------|------|----------------------|------|------|------|-----------|
| 41S | 25E | 6 | SUPERIOR OIL COMPANY | | | | |

FILE NOTATIONS

Entered in NID File
Location Map Pinned
Card Indexed

Checked by Chief
Approval Letter
Disapproval Letter

COMPLETION DATA:

Date Well Completed

Location Inspected

TA.....
US..... PA.....

State or Fee Land

LOGS FILED

Driller's Log.....
Electric Logs (No.)
E..... I..... Dual I Lat..... GR-N..... Micro.....
BHC Sonic GR..... Lat..... MI-L..... Sonic.....
CBLog..... CCLog..... Others.....

11-18-91
Jor

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 Injection well 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
 836' FNL, 2101' FEL, SEC. 6, T41S, R25E, SLB&M
 At proposed prod. zone
 NONE

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 3.0 Miles NNW of Aneth, Utah

16. NO. OF ACRES IN LEASE
 3500'

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.
 100'

19. PROPOSED DEPTH
 5481'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4596' Ungraded Ground Level

22. APPROX. DATE WORK WILL START*
 April 1, 1979

5. LEASE DESIGNATION AND SERIAL NO.
 14-20-603-372

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 NAVAJO

7. UNIT AGREEMENT NAME
 McELMO CREEK

8. FARM OR LEASE NAME

9. WELL NO.
 MCU #L-13X

10. FIELD AND POOL, OR WILDCAT
 GREATER ANETH

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 SEC. 6, T41S, R25E

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

PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| 12-1/4" | 8-5/8" | 24# | 1375' | To Surface |
| 7-7/8" | 5-1/2" | 14 & 15.5# | 5481' | 250 Sacks |

1. Drill 12-1/4" hole to 1375'. Set 8-5/8" casing to 1375' and cement to surface.
2. Drill 7-7/8" hole through Desert Creek Zone I to approximately 5481'.
3. Log well.
4. Set 5-1/2" casing to 5481' and cement with 250 sacks.
5. Perforate and stimulate productive zone based on log evaluation.



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 J. R. Oberlander TITLE Engineer DATE 8-11-78
J. R. Oberlander

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

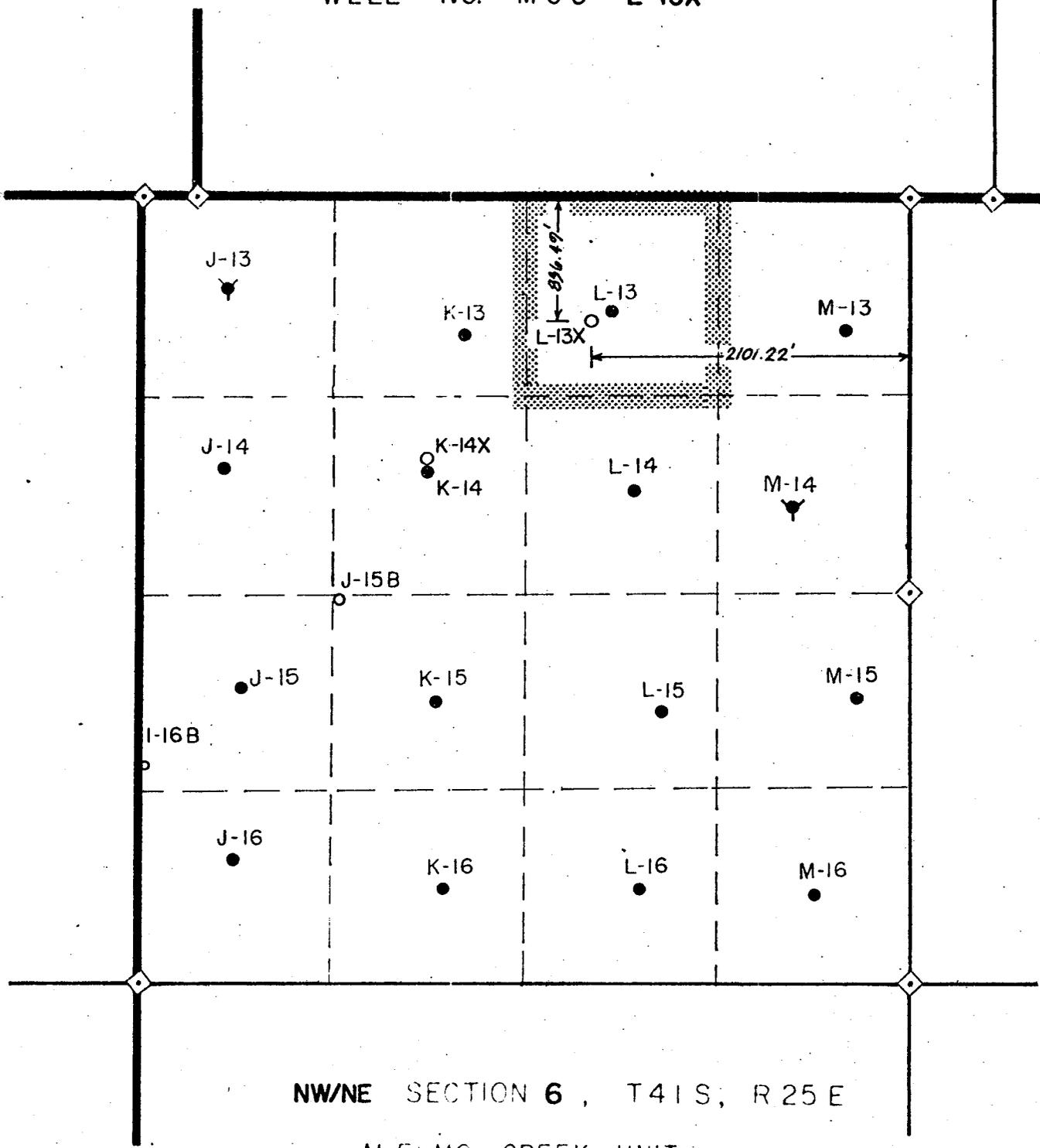
DATE: 9-15-78

BY: C. B. Knight

THE SUPERIOR OIL COMPANY

Operator

WELL NO. MCU L-13X



NW/NE SECTION 6 , T41 S, R 25 E

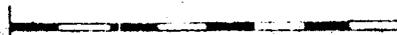
McELMO CREEK UNIT



Charles L. Hill



Scale 1" = 1000'



- Location
- Well
- ▼ Injector

THE SUPERIOR OIL COMPANY

P. O. DRAWER G
CORTEZ, COLORADO 81321

September 11, 1978

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-13X
836' FNL, 2101' FEL
Section 6, T41S, R25E
San Juan County, Utah

Dear Mr. McGrath:

The "Surface Use Development Plan" for the proposed McElmo Creek Unit Well #L-13X is as follows:

1. The existing roads and the location of the main highway exit are shown on the attached map.
2. L-13X is a twin well to L-13 and will require no new road.
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 3-1/2" injection line for the proposed well will run 600' southeast to an existing injection trunk 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.

(2)

8. No permanent campsite 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. The proposed drillsite is located on a sandstone outcrop. 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

James R. Oberlander

James R. Oberlander

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.

Sept. 18-78
Date

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

JRO/1h

SUPPLEMENT TO FORM 9-331C

WELL: MCU L-13X

SURFACE FORMATION WHERE PROPOSED DRILLING IS TO TAKE PLACE: Wingate

ESTIMATED FORMATION TOPS: (Measured from KB approximately 4609')

| | |
|--------------|-------|
| Chinle | 1349' |
| DeChelly | 2530' |
| Ismay | 5252' |
| Gothic Shale | 5385' |
| Desert Creek | 5392' |
| TD | 5481' |

WATER BEARING FORMATIONS: Water is expected to be encountered intermittently from 300' to 1349'.

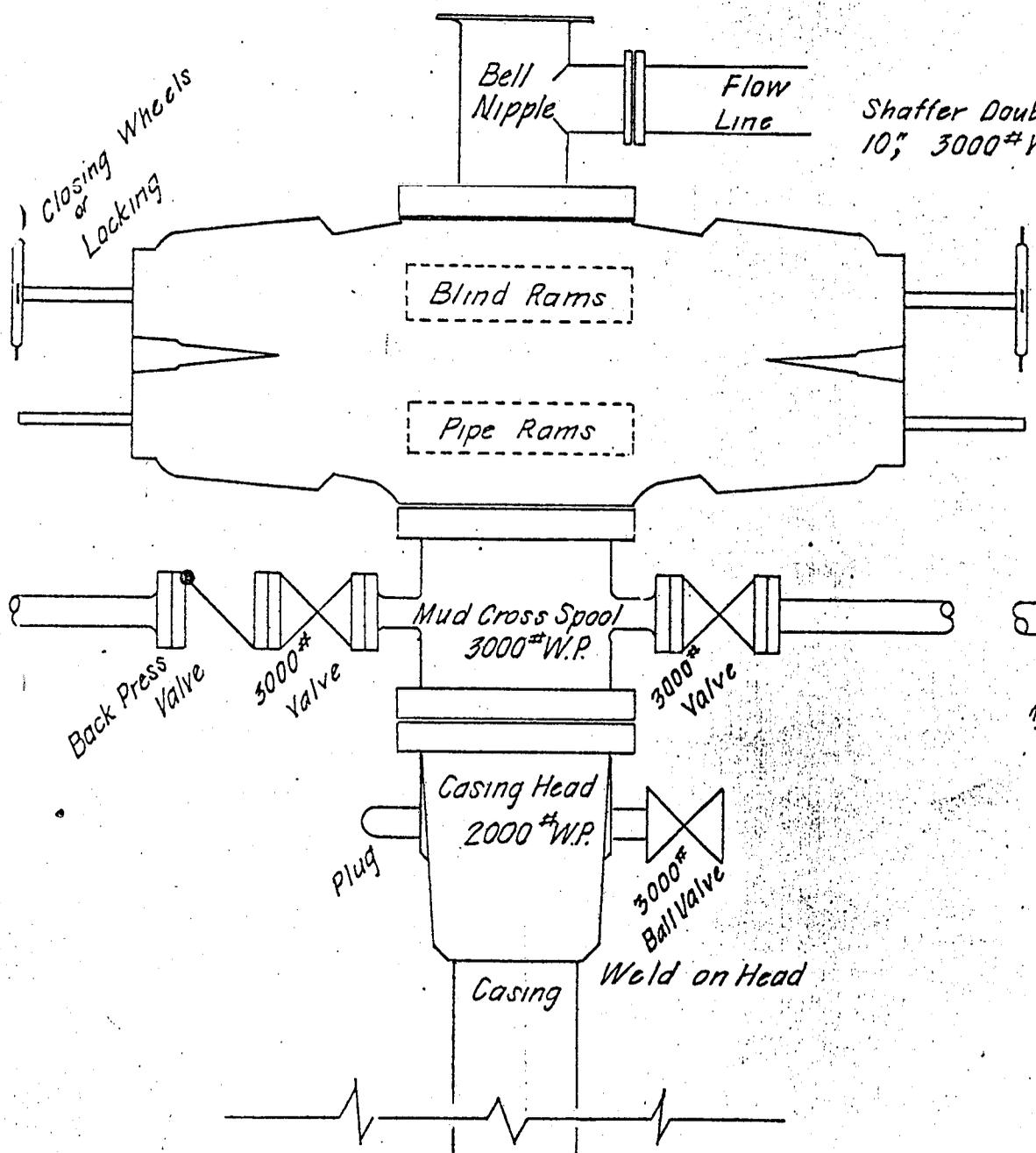
HYDROCARBON BEARING FORMATIONS: Oil and gas are expected to be encountered from 5392' to 5481'.

MUD PROGRAM: Surface to 2000' - Water
2000' to 5000' - Lignosulfonate or similar mud system; no water loss control, weighted as necessary with Barite.
5000' to TD - Lignosulfonate or similar mud system; 15 cc water loss, weighted as necessary with Barite.

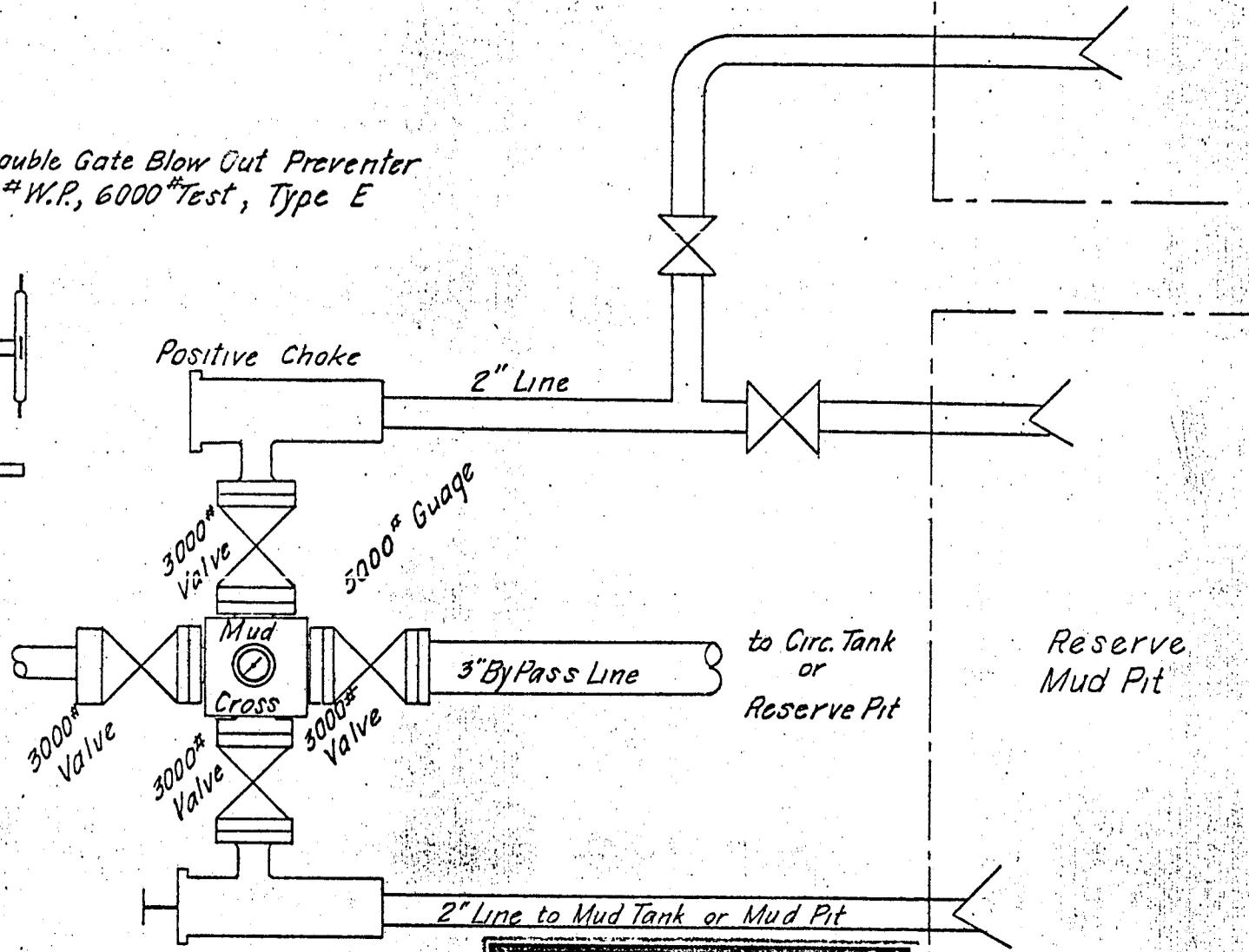
CEMENT PROGRAM: Surface - 620 sx Lt. Wt cement w/10#/sk Gilsonite, followed with 100 sx Class 'B' with 2% CaCl, (Slurry Wt. 15.6 ppg).
Production - 250 sx Class 'B' with 5#/sk salt, 1/2#/sk Fix Set and 3/4% Friction Reducer.

LOGGING PROGRAM: CNL/DENSITY/GR - TD to 5000'.

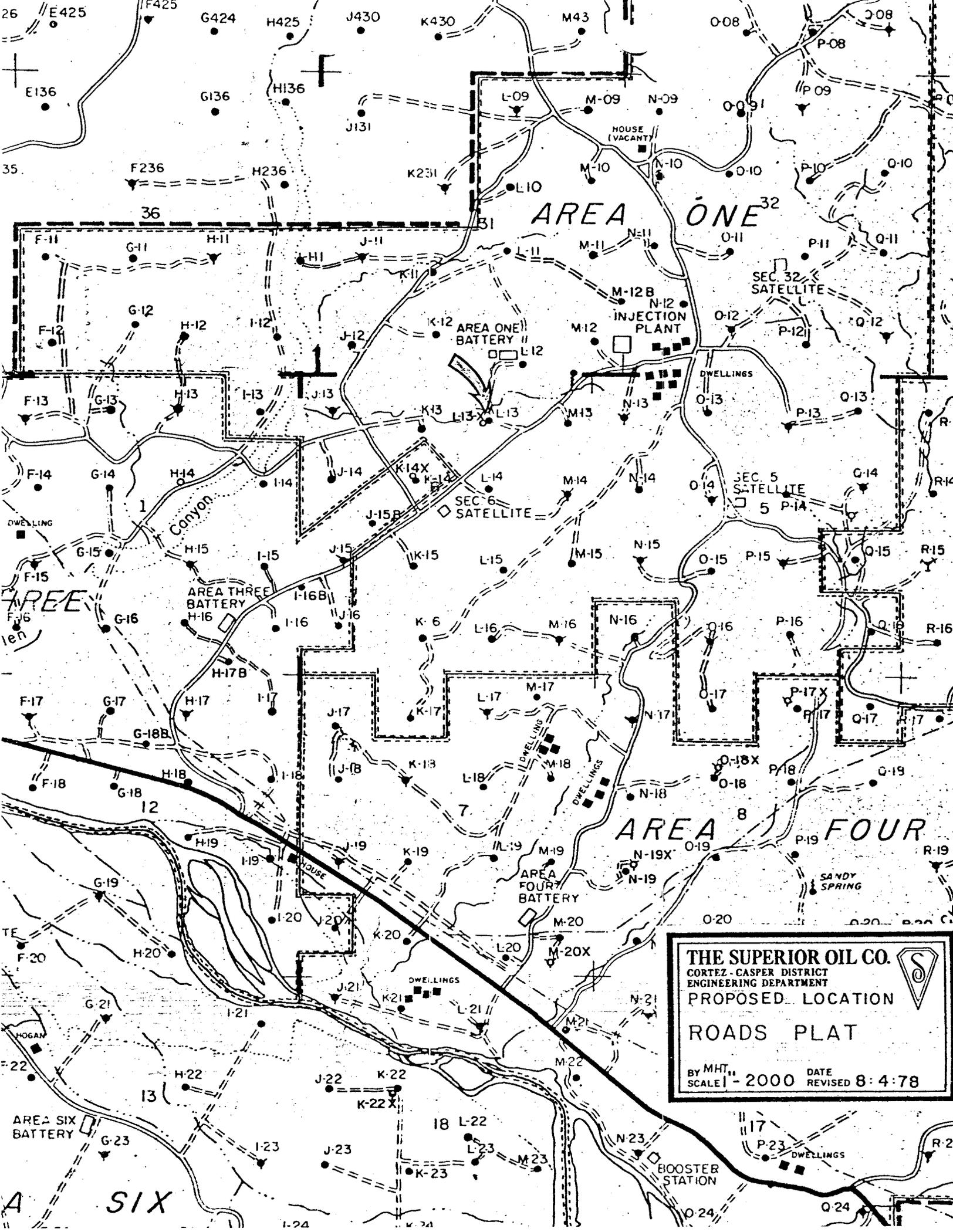
PRESSURE CONTROLS: Blowout preventer equipment will be 10" Series 600 with blind rams and drill pipe rams hydraulically and manually controlled. The blowout equipment will be tested at regular intervals. A schematic of the pressure control equipment can be seen on the following page. The mud system will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



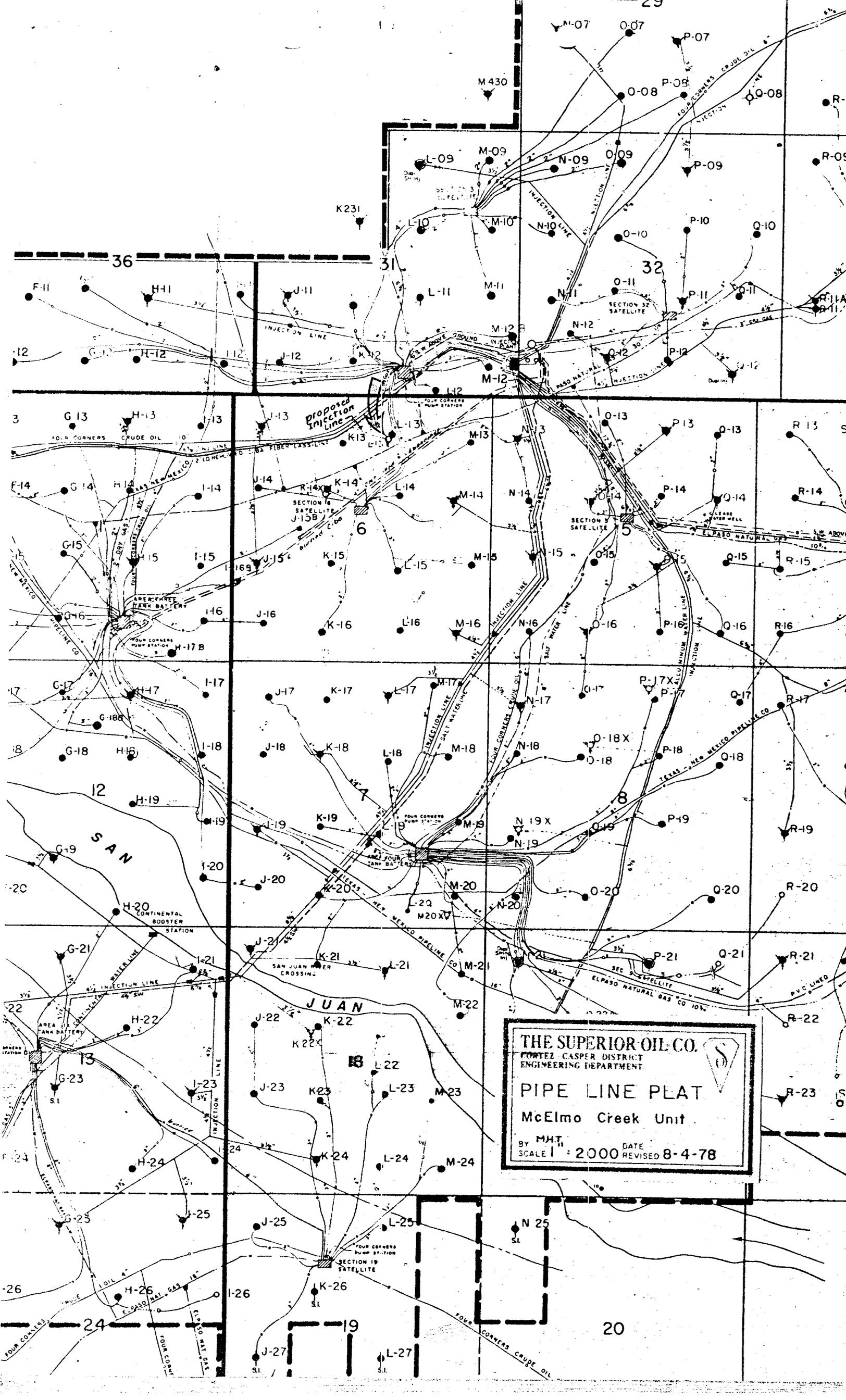
Shaffer Double Gate Blow Out Preventer
10"; 3000# W.P., 6000# Test, Type E



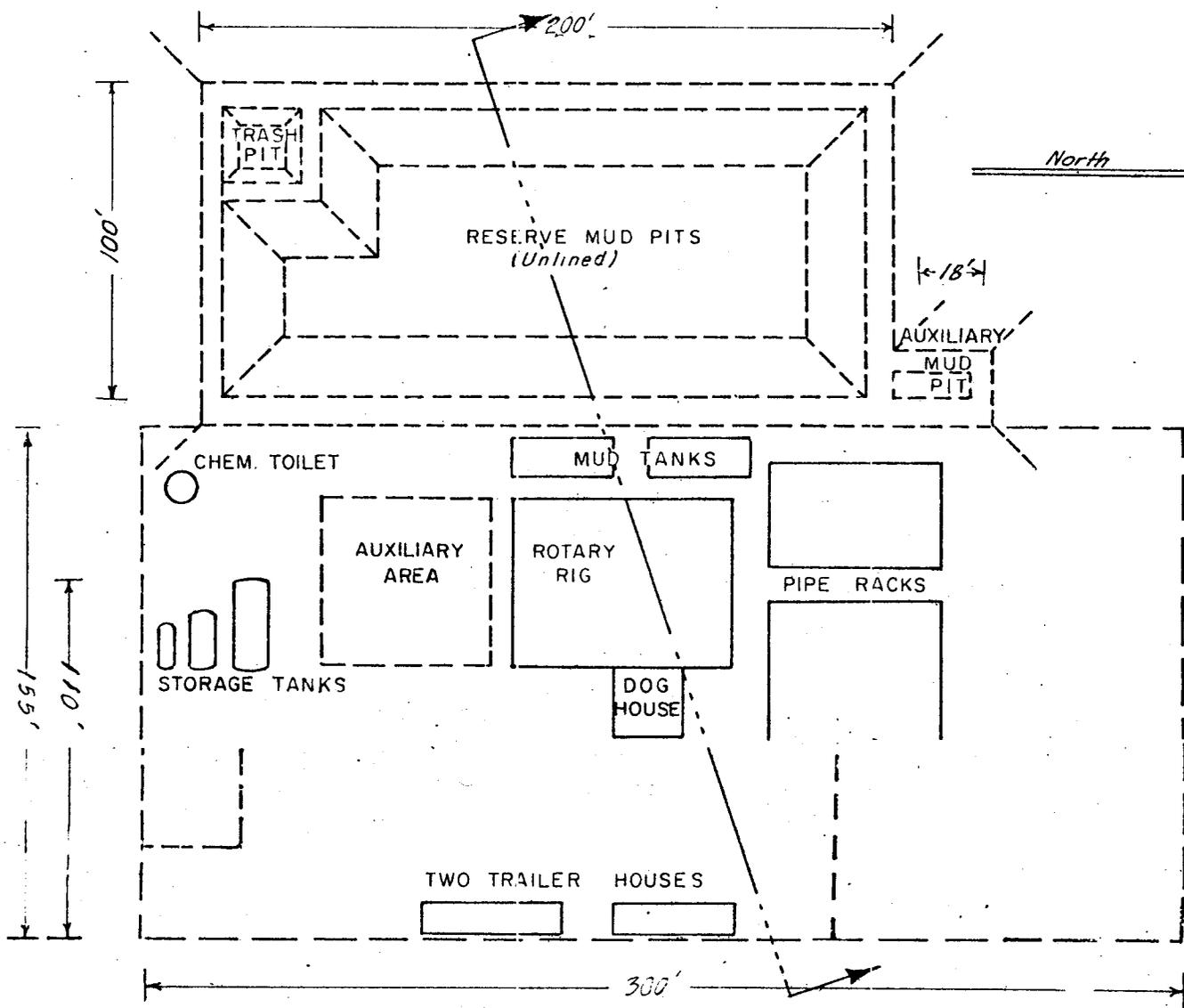
THE SUPERIOR OIL CO. 
CORTEZ-CASPER DISTRICT
ENGINEERING DEPARTMENT
SCHEMATIC DIAGRAM
OF PRESSURE CONTROL
EQUIPMENT.
BY SCALE none DATE REVISED 8-12-76



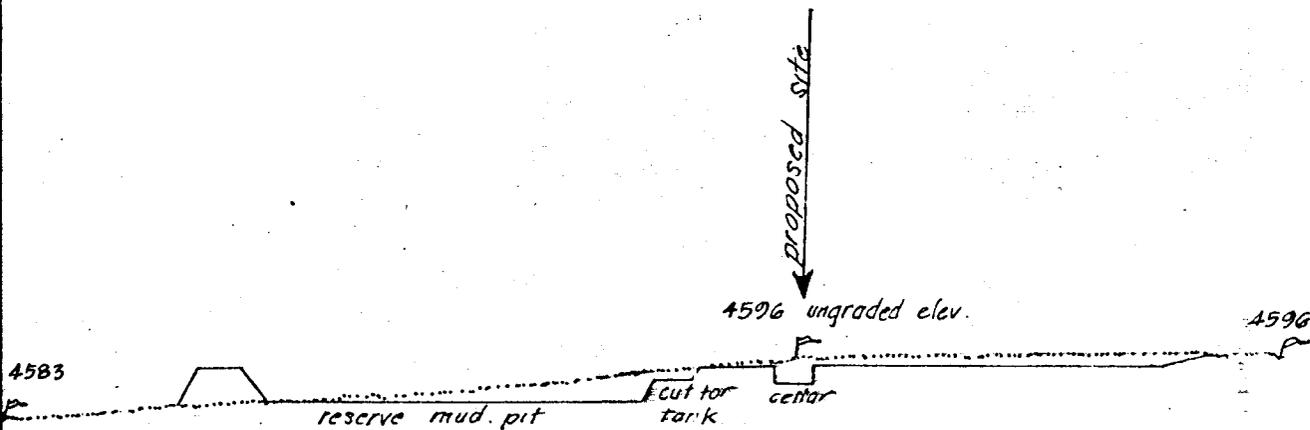
THE SUPERIOR OIL CO.
 CORTEZ-CASPER DISTRICT
 ENGINEERING DEPARTMENT
 PROPOSED LOCATION
ROADS PLAT
 BY MHT SCALE 1" = 2000 DATE REVISED 8:4:78



THE SUPERIOR OIL CO.
 FORTZ-CASPER DISTRICT
 ENGINEERING DEPARTMENT
PIPE LINE PLAT
 McElmo Creek Unit
 BY MHT. DATE
 SCALE 1" = 2000' REVISED 8-4-78

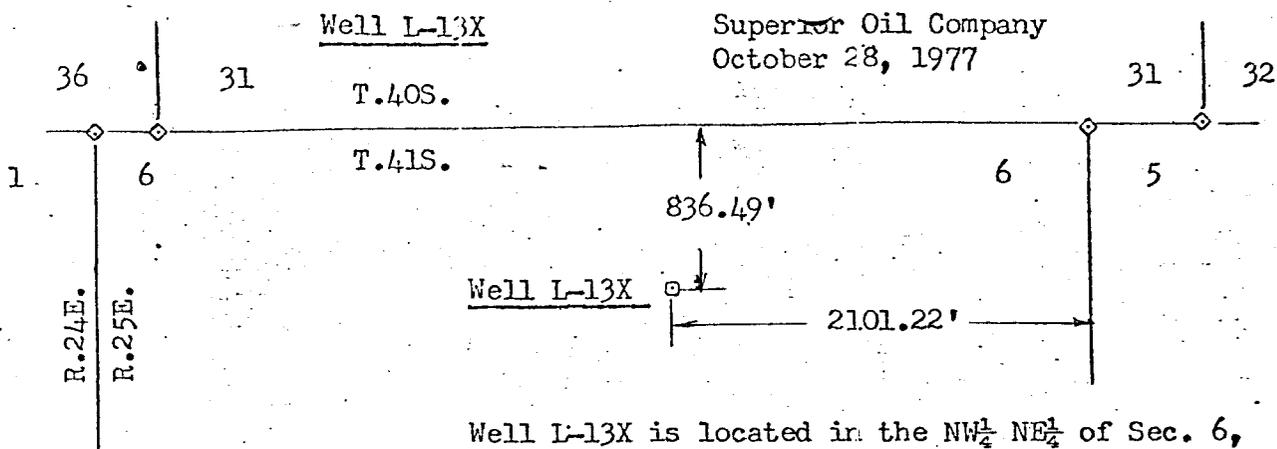


THE DRILLING PAD WILL BE GRADED AND COMPACTED, AND COMPOSED OF NATIVE MATERIALS.



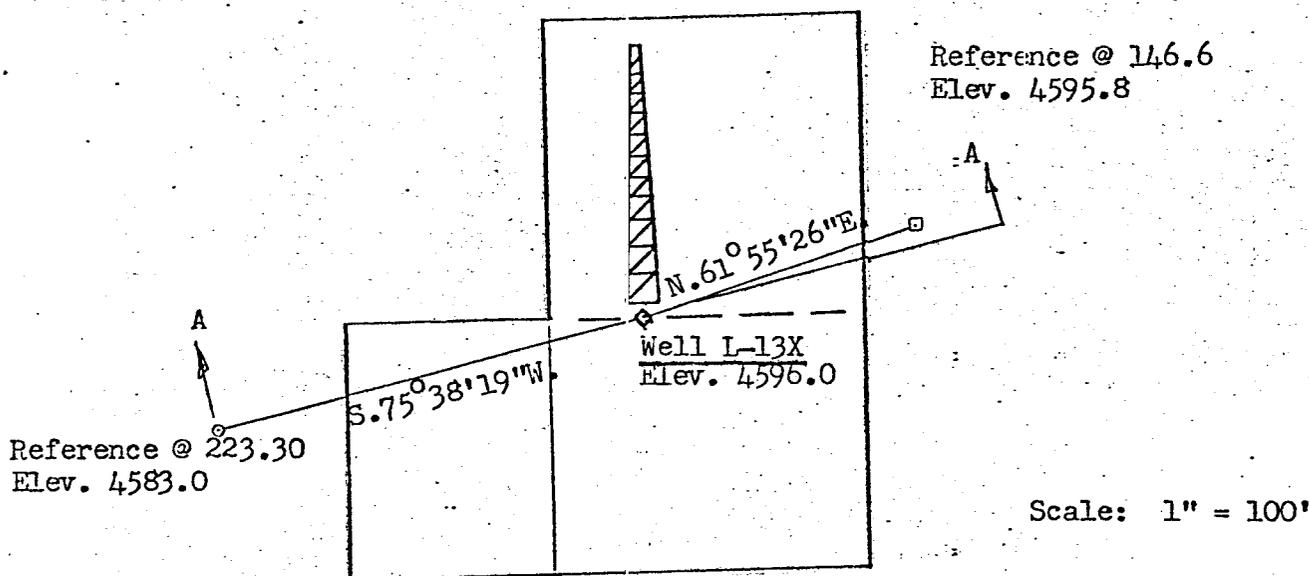
- P referenced point
- original contour
- graded contour

THE SUPERIOR OIL CO.
 CORTEZ-CASPER DISTRICT
 ENGINEERING DEPARTMENT
**RIG LAYOUT & DRILL
 PAD CROSS SECTION**
 MCU WELL No. L-13X
 McELMO CREEK UNIT
 SAN JUAN COUNTY, UTAH
 BY M.H.T. DATE: 8-12-76
 SCALE 1" = 50' REVISED 8-1-78



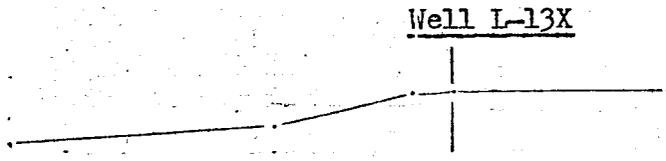
Well L-13X is located in the NW $\frac{1}{4}$ NE $\frac{1}{4}$ of Sec. 6, T.41S., R.25E., S.L.M., San Juan County, Utah

Scale: 1" = 1000'

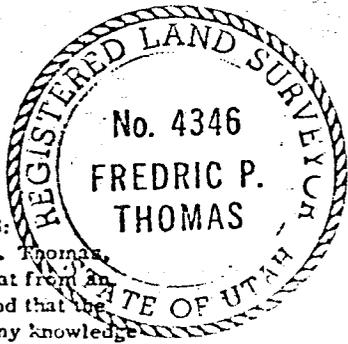


Scale: 1" = 100'

—4600
—4590
—4580



Horizontal Scale: 1" = 100'
Vertical Scale: 1" = 50'

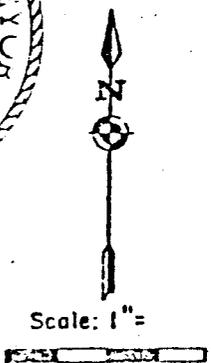


KNOW ALL MEN BY THESE PRESENTS: That I, Fredric P. Thomas, do hereby certify that I prepared this plat from an actual and accurate survey of the land and that the same is true and correct to the best of my knowledge and belief.

Fredric P. Thomas

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

Bearing by solar observation



Corners are 15"x1/2" rebar

THOMAS Engineering Inc.

432 N. Broadway
Cortez, Colorado
565-7805

Utah Reg. No. 4346

Wtr. Injection

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: Sept 22 -

Operator: Superior Oil

Well No: McClus Creek L-13X

Location: Sec. 6 T. 41S R. 25E County: San Juan

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number: 43-037-30468

CHECKED BY:

Administrative Assistant: [Signature]

Remarks: Unit Well

Petroleum Engineer: [Signature]

Remarks:

Director: [Signature]

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. 64

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 McClus Creek Unit

Other:

Letter ~~written~~ Approved

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

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 Form 9-331-C for such proposals.)

1. oil well gas well other **INJECTION WELL**

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. See space 17 below.)
AT SURFACE: **836' FNL, 2101' FEL, SEC. 6**
AT TOP PROD. INTERVAL: **same**
AT TOTAL DEPTH: **same**

5. LEASE
14-20-603-372

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-13X

10. FIELD OR WILDCAT NAME
GREATER ANETH

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA
SEC. 6, T41S, R25E

12. COUNTY OR PARISH
SAN JUAN

13. STATE
UTAH

14. API NO.
43-037-30468

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4596' Ungraded ground level

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

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

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

(other) Part II of NTL-2B request

**APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING**
(NOTE: Report results of multiple completion or zone change on Form 9-330.)

DATE: 3-30-79

BY: M. J. Mander

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.)*

2. The McElmo Creek unit is currently producing approximately 40,000 bbl/day of production water from the Ismay and Desert Creek zones. All water produced is reinjected for pressure maintenance and secondary recovery. An average water analysis of produced water for the unit is 72,000 PPM total dissolved solids, a PH of 7.1, a chlorides concentration of 45,000 PPM and a sulfates concentration of 950 PPM.

3. The injection formation will be the Desert Creek Zone I and will be perforated and stimulated between 5392' and 5481' based upon log evaluation.

4. The total dissolved solids of the Desert Creek Zone I is approximately 70,000 PPM.

5. Fresh water is expected to be encountered from 300' to 1349'. This aquifer encompasses the Greater Aneth field.

CONTINUED ON BACK

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED J. R. Oberlander TITLE Engineer DATE March 15, 1979

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

Orig +3 - USGS, State - 2, T. W. Cooley, JIB/C. File, WHS, FEF, RFK, WNM, File



SCOTT M. MATHESON
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH

CHARLES R. HENDERSON
Chairman

DEPARTMENT OF NATURAL RESOURCES

CLEON B. FEIGHT
Director

DIVISION OF OIL, GAS, AND MINING

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

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

February 14, 1980

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

RE: SEE ATTACHED SHEET.

Gentlemen:

Our records indicate that you have not filed the monthly drilling report(s) for the month (s) indicated above on the subject well(s).

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, AND MINING

DEBBIE BEAUREGARD
CLERK-TYPIST

ATTACHED SHEET

McElmo Creek Unit # K-14X
Sec. 6, T. 41S, R. 25E,
San Juan County, Utah
Months Due: April 1979 - Jan. 1980

McElmo Creek Unit # L-13X
Sec. 6, T. 41S, 25E,
San Juan County, Utah
Months Due: April 1979 - Jan. 1980

McElmo Creek Unit # M-20X
Sec. 7, T. 41S, R. 25E,
San Juan County, Utah
Months Due: April 1979 - Jan. 1980

McElmo Creek Unit # N-19X
Sec. 8, T. 41S, R. 25E,
San Juan County, Utah
Months Due: April 1979 - Jan. 1980

McElmo Creek Unit # O-18X
Sec. 8, T. 41S, R, 25E,
San Juan County, Utah
Months Due: April 1979 - Jan. 1980

McElmo Creek Unit # P-17X
Sec. 8, T. 41S, R. 25E,
San Juan County, Utah
Months Due: April 1979 - Jan. 1980



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

March 19, 1980

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

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

Re: See attached sheet for wells

Gentlemen:

Our records indicate that you have not filed the monthly drilling reports 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, AND MINING

JANICE TABISH
CLERK-TYPIST

- (1) Well No. McElmo Creek Unit K-14X
Sec. 6, T. 41S, R. 25E.
San Juan County, Utah
March 1979-March 1980
- (2) Well No. McElmo Creek Unit L-13X
Sec. 6, T. 41S, R. 25E.
San Juan County, Utah
March 1979-March 1980
- (3) Well No. McElmo Creek Unit M-20X
Sec. 7, T. 41S, R. 25E.
San Juan County, Utah
March 1979-March 1980
- (4) Well No. McElmo Creek Unit O-18X
Sec. 8, T. 41S, R. 25E.
San Juan County, Utah
March 1979-March 1980
- (5) Well No. McElmo Creek Unit P-17X
Sec. 8, T. 41S, R. 25E.
San Juan County, Utah
March 1979-March 1980

SUPERIOR OIL

March 26, 1980

State of Utah
Division of Oil, Gas and Mining
1588 W. N. Temple
Salt Lake City, Utah 84116

Re: See attached sheet

Attention: Janice Tabish

We mailed "Sundry Notices" 2-21-80 asking for a six month extension and received an approval from the U.S.G.S. dated Feb. 28, 1980

Very truly yours,

SUPERIOR OIL



Wm. H. Edwards
Production Superintendent

WHE/Th

Attach.

** Paid 1-9-81 per Cardex.*

RECEIVED

MAR 31 1980

DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well gas well other INJECTION WELL

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. See space 17 below.)
AT SURFACE: 836' FNL, 2101' FEL, Sec. 6
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

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

5. LEASE
14-20-603-372

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NAVAJO

7. UNIT AGREEMENT NAME
McELMO CREEK UNIT

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Sec. 6, T41S, R25E

12. COUNTY OR PARISH
SAN JUAN

13. STATE
UTAH

14. API NO.
43-037-30468

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4596' Ungraded Ground Level

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETE

CHANGE ZONES

ABANDON*

(other) Request for extension

SUBSEQUENT REPORT OF:

RECEIVED

FEB 25 1980

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

A six month extension is requested to keep the "Application for Permit to Drill" valid. Extended to August 25, 1980, and Automatically expire At the end of six month Period.

RECEIVED

MAR 31 1980

Subsurface Safety Valve: Manu. and Type _____

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

SIGNED J. R. Oberlander TITLE Engineer DATE Feb. 21, 1980

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

OPERATOR

FEB 20 1980
REGULATORY GROUP
JAMES F. SIMS

DISTRICT OIL & GAS SUPERVISOR

JRO/1h

Orig + 3 - USGS, State - 2, Navajo Tribe, T. W. Cooley, R. D. Johnson, Central File - Houston, Conroe, Cortez

*See Instructions on Reverse Side