

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG _____ ELECTRIC LOGS _____ FILE 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~~ 3-2-83

FIELD: Greater Aneth 3/86

UNIT: McElmo Creek

COUNTY: San Juan

WELL NO. McElmo Creek Unit K-14X (WI)

API NO: 43-037-30465

LOCATION 1751" FT. FROM (N) LINE, 1896' FT. FROM (W) LINE. SE NW ⁶ ¼-¼ SEC. 6

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR:
------	------	------	----------	------	------	------	-----------

41S	25E	6	SUPERIOR OIL COMPANY				
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FILE NOTATIONS

Entered in NID File
Map Pinned
and Indexed

Checked by Chief
Approval Letter
Disapproval Letter

COMPLETION DATA:

ate Well Completed
..... TA.....
..... OS..... PA.....

Location Inspected .
.....
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.....
CNLog..... CCLog..... Others.....

11-18-91
Jep

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 1751' FNL, 1896' FWL, SEC. 6, T41S, R25E SLB&M
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 3.0 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)
 4200'

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.
 109'

19. PROPOSED DEPTH
 5475'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4594' Ungraded Ground Level

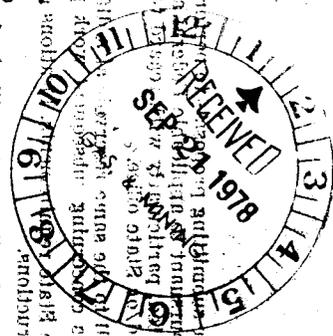
22. APPROX. DATE WORK WILL START*
 Feb 15, 1979

23. 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#	1369	To Surface
7-7/8"	5-1/2"	14 & 15.5#	5475'	250 Sacks

1. Drill 12-1/4" hole to 1369'. Set 8-5/8" casing to 1369' and cement to surface.
2. Drill 7-7/8" hole through Desert Creek Zone I to approximately 5475'.
3. Log well.
4. Set 5-1/2" casing to 5475' and cement with 250 sacks.
5. Perforate and stimulate productive zones.

APPROVED BY THE DIVISION OF
 OIL, GAS, AND MINING
 DATE: 9-25-78
 BY: C.B. Feight



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 9-12-78
J. R. Oberlander

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY:

THE SUPERIOR OIL COMPANY

P. O. DRAWER G

CORTEZ, COLORADO 81321

September 12, 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 #K-14X
1751' FNL, 1896' FWL
Section 6, T41S, R25E
San Juan County, Utah

Dear Mr. McGrath:

The "Surface Use Development Plan" for the proposed McElmo Creek Unit Well #K-14X is as follows:

1. The existing roads and the location of the main highway exit are shown on the attached map.
2. K-14X is a twin well to K-14 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 1000' north 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 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 contractor 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 #R-22

SURFACE FORMATION WHERE PROPOSED DRILLING IS TO TAKE PLACE: Dakota

ESTIMATED FORMATION TOPS: (Measured from KB approximately 4607')

Chinle	1344'
DeChelly	2532'
Ismay	5245'
Gothic Shale	5387'
Desert Creek	5394'
TD	5475'

WATER BEARING FORMATION: Water is expected to be encountered intermittently from 300' to 1344'.

HYDROCARBON BEARING FORMATION: Oil and gas are expected to be encountered intermittently from 5394' to 5475'.

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.

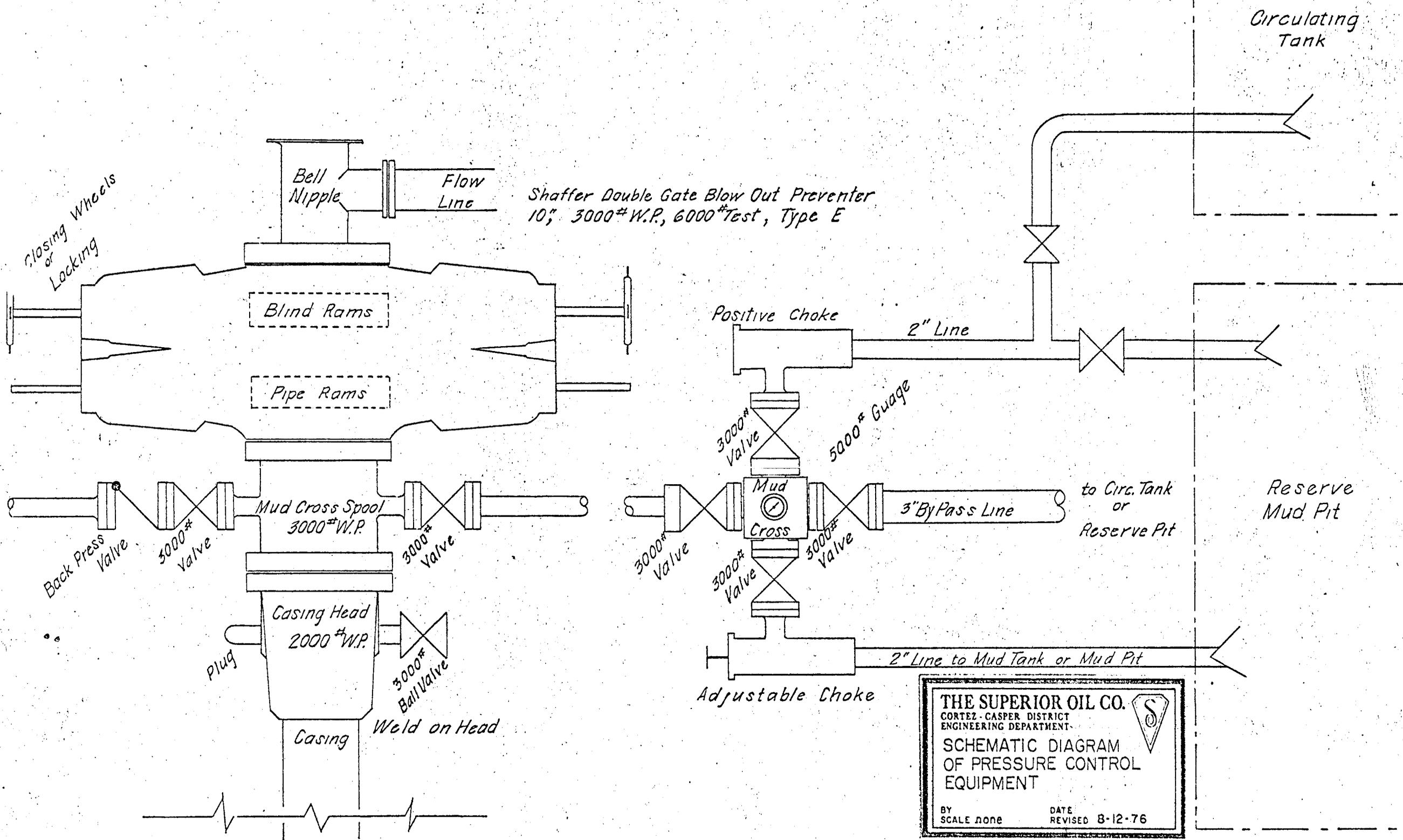
CEMENT PROGRAM:

Surface - 500 sx Lt. Wt. cement w/10#/sk Gilsonite, followed with 100 sx Class "B" with 2% CaCl, (Slurry Wt. 15.6 ppg)

Production - 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.

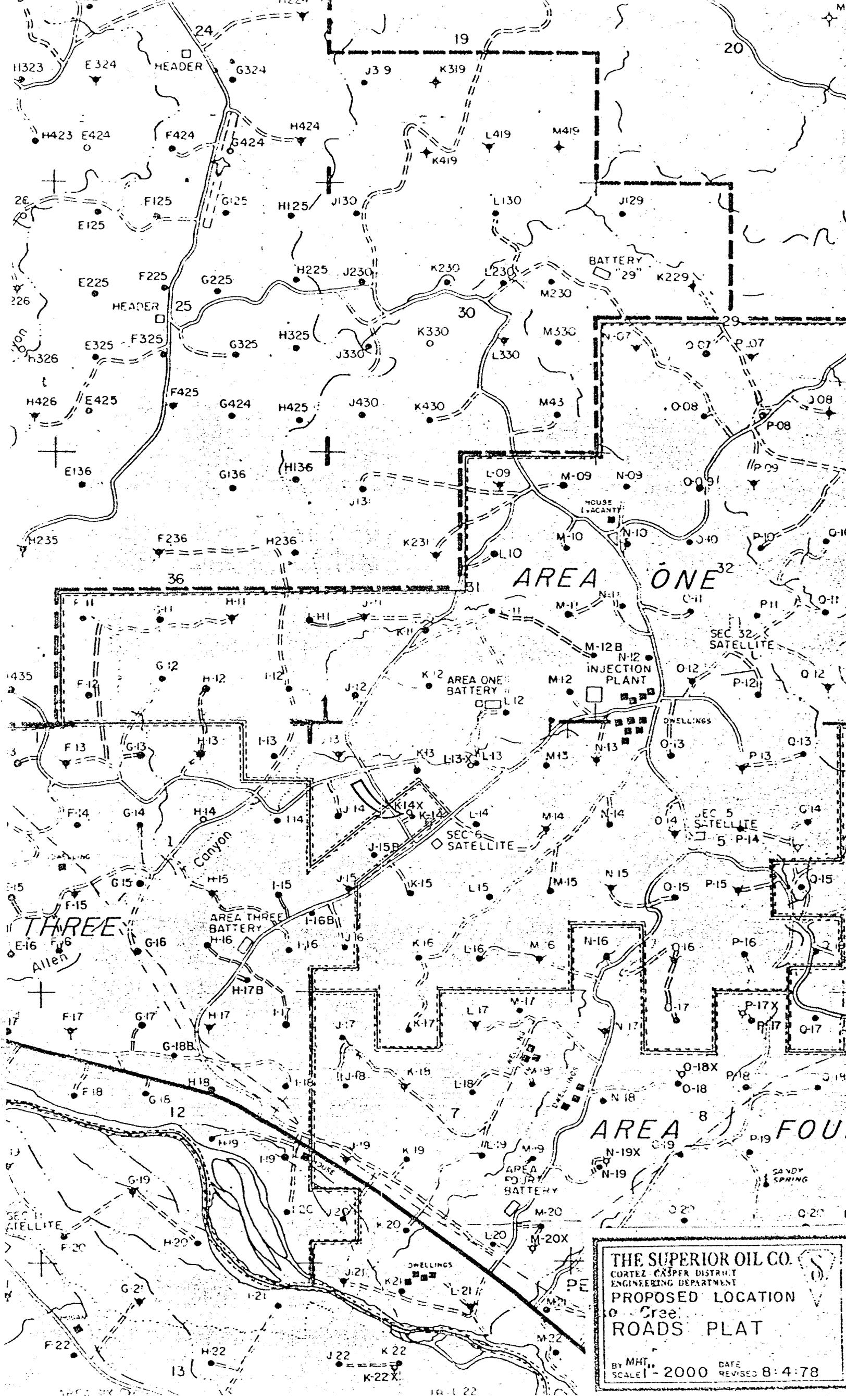


THE SUPERIOR OIL CO.
 CORTEZ - CASPER DISTRICT
 ENGINEERING DEPARTMENT.

S

**SCHEMATIC DIAGRAM
 OF PRESSURE CONTROL
 EQUIPMENT**

BY SCALE none DATE REVISED 8-12-76

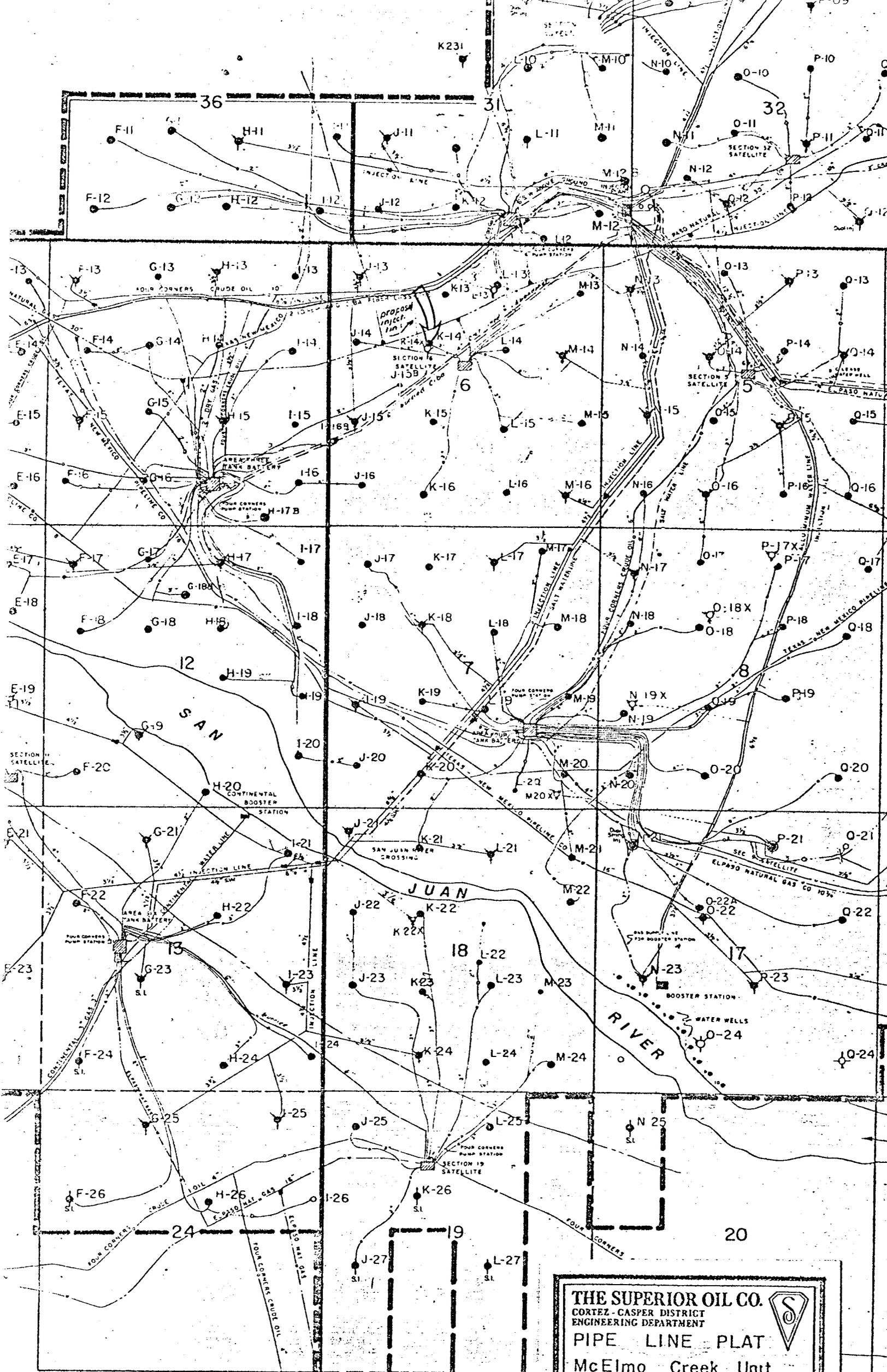


AREA ONE

THREE

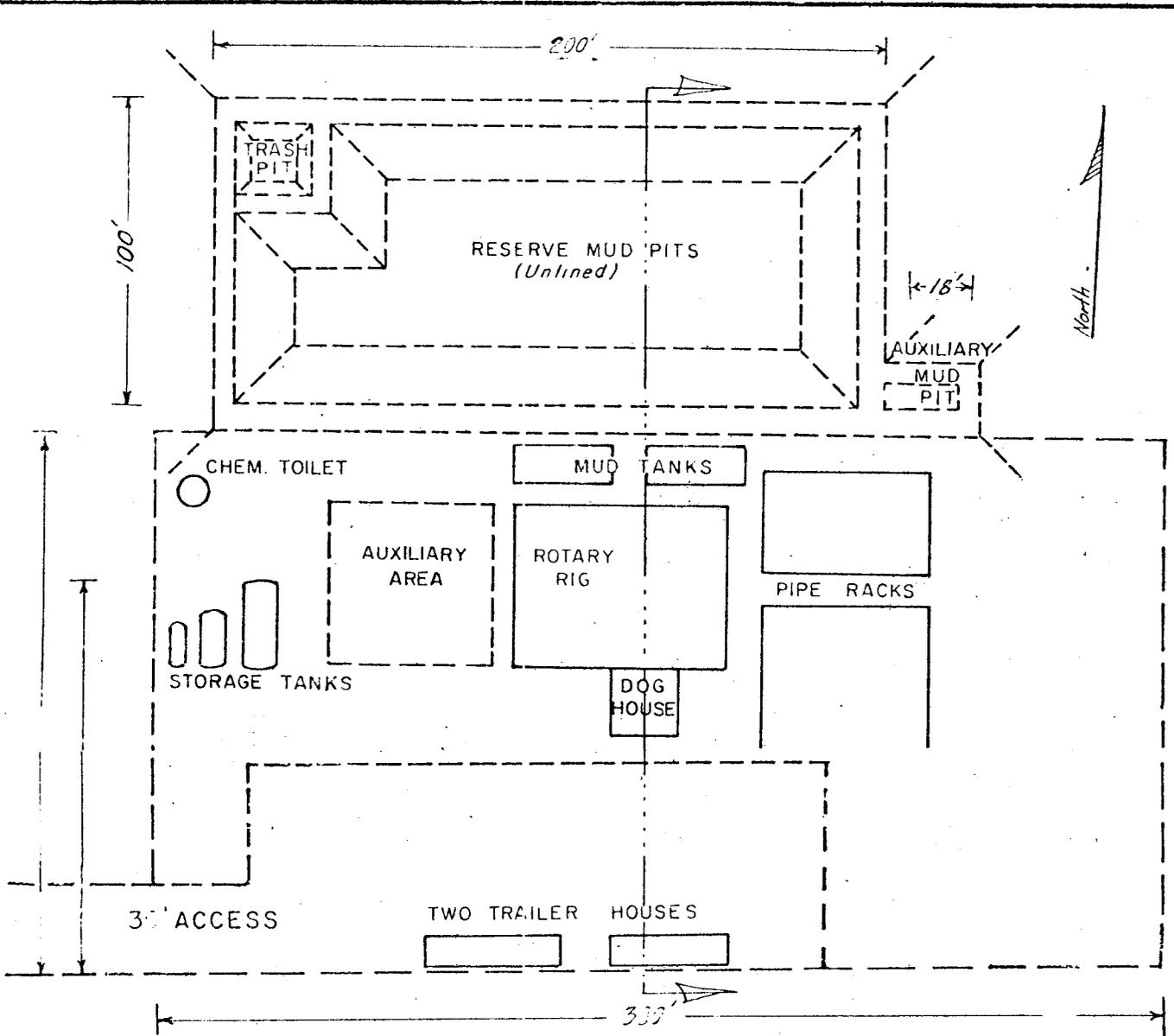
AREA FOUR

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

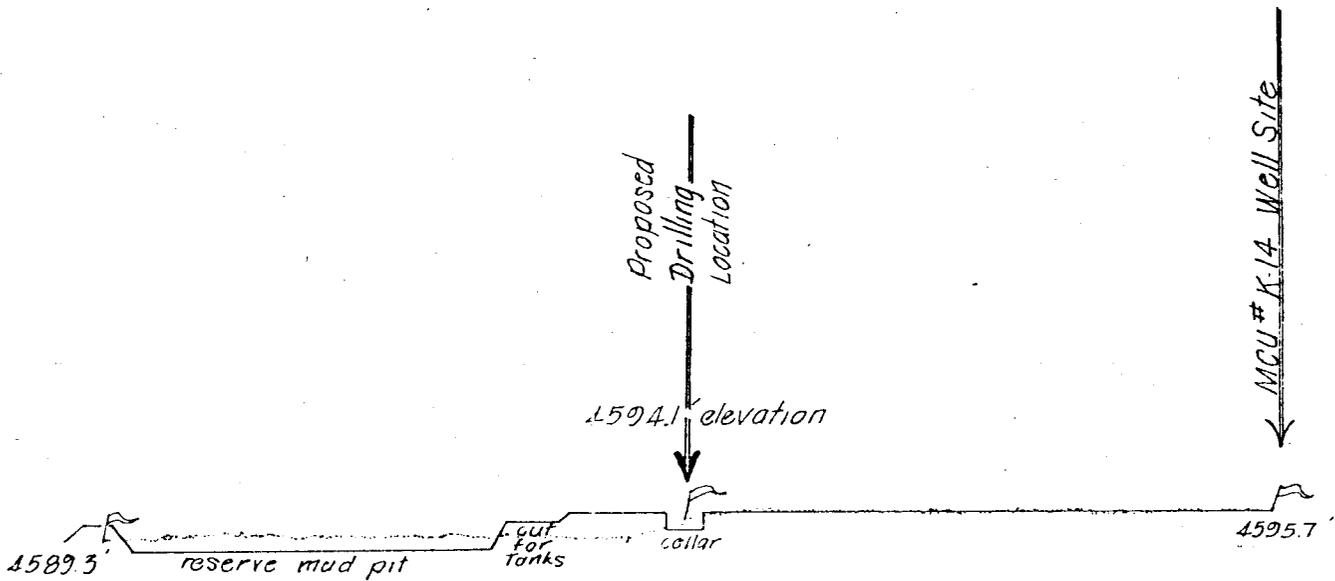


THE SUPERIOR OIL CO.
 CORTEZ-CASPER DISTRICT
 ENGINEERING DEPARTMENT
PIPE LINE PLAT
 McElmo Creek Unit

BY _____ DATE _____
 SCALE 1" = 2,000 REVISED 8-27-78



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



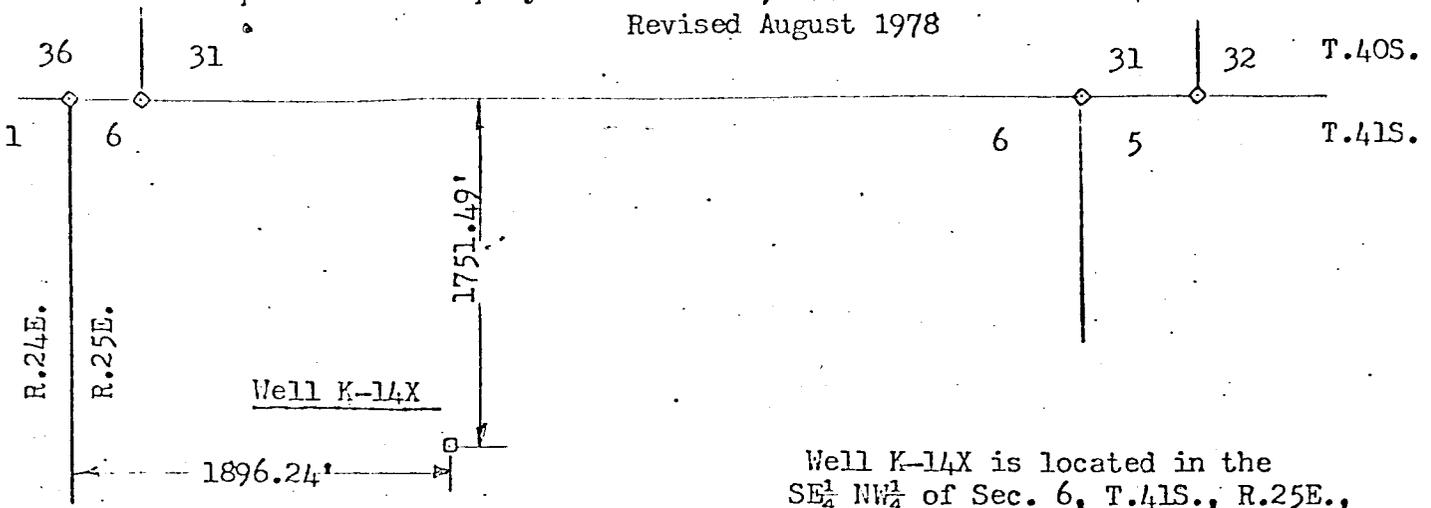
- original contour
- reference point
- proposed grading

THE SUPERIOR OIL CO. 

CORTEZ-CASPER DISTRICT
ENGINEERING DEPARTMENT

**RIG LAYOUT & DRILL
PAD CROSS SECTION**

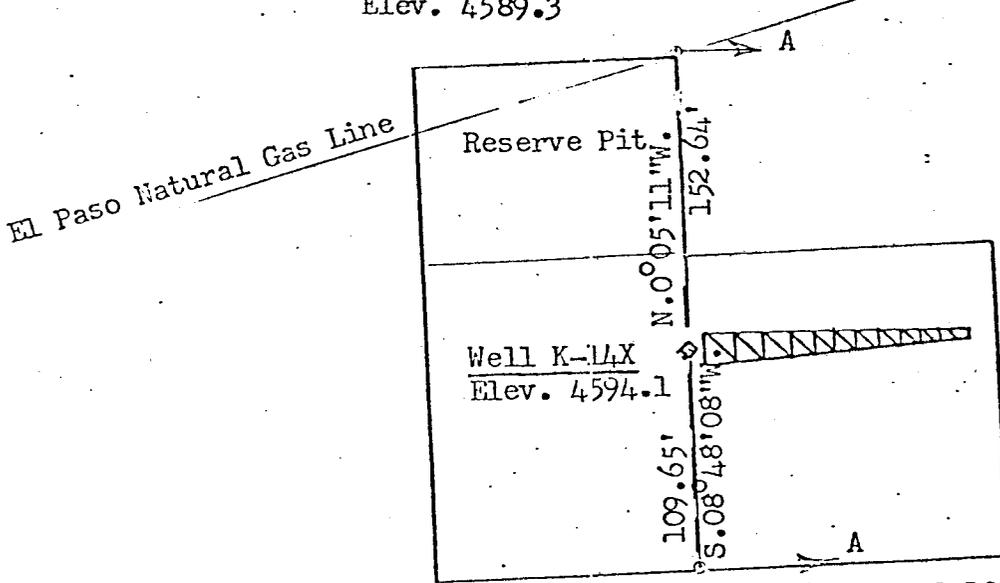
MCU WELL No. K-14X
McELMO CREEK UNIT
SAN JUAN COUNTY, UTAH
BY M.H.T. DATE 8-12-76
SCALE 1" = 50' REVISED



Well K-14X is located in the
SE $\frac{1}{4}$ NW $\frac{1}{4}$ of Sec. 6, T.41S., R.25E.,
S.L.M., San Juan County, Utah

Scale: 1" = 1000'

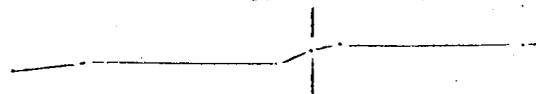
Reference @ 152.64'
Elev. 4589.3



K-14 Reference @ 109.65'
Elev. 4595.7

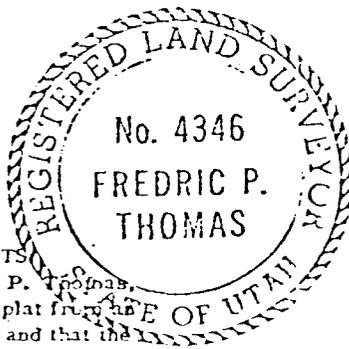
Scale: 1" = 100'

Well K-14X



Section A-A

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

Scale: 1" =

Corners
are 15" x 1/2"
rebar

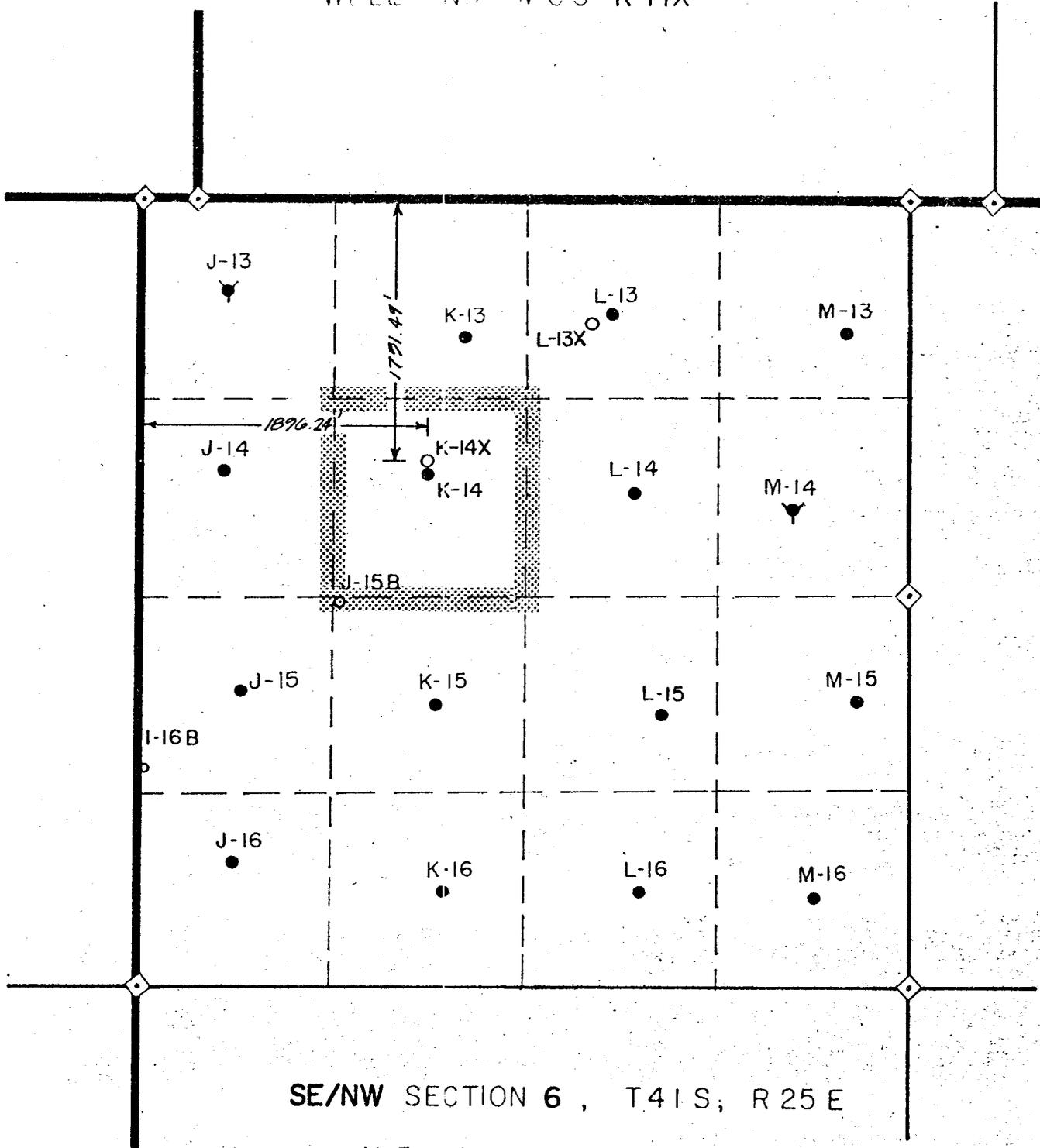
THOMAS Engineering Inc.

432 N. Broadway
Cortez, Colorado
565 7805

Utah Reg. No. 4346

THE SUPERIOR OIL COMPANY
Operator

WELL NO. MCU K-14X



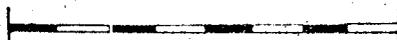
SE/NW SECTION 6 , T41 S, R 25 E

McELMO CREEK UNIT



Charles L. Hill

Scale 1" = 1000'



- Location
- Well
- ▼ Injector

Wt. Vayinton

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: Sept. 22 -
Operator: Superior Oil
Well No: McCloud Creek K-14X
Location: Sec. 6 T. 41S R. 25E County: San Juan

File Prepared: Entered on N.I.D.:
Card Indexed: Completion Sheet:
API Number: 43-037-30465

CHECKED BY:

Administrative Assistant: AW
Remarks: Unit well
Petroleum Engineer: ok P
Remarks: J
Director: _____
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 M. Creek Unit
Other: _____

Letter ~~Written~~ Approved



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
1583 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 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

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

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

CHARLES R. HENDERSON
Chairman

CLEON B. FEIGHT
Director

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

March 19, 1980

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/1h

Attach.

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: **1751' FNL, 1896' FWL, 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

8. FARM OR LEASE NAME

9. WELL NO.
MCU #K-14X

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.

15. ELEVATIONS: (SHOW DF, KDB, AND WD)

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETE

CHANGE ZONES

ABANDON*

(other) Request for extension

(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 August 25, 1980 and automatically expire the end of the six month period.

RECEIVED
FEB 25 1980
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

RECEIVED
FEB 23 1980
DIVISION OF OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type _____

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

SIGNED J. R. Oberlander TITLE Engineer DATE APPROVED 9/30
J. R. Oberlander

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

APPROVED
JAMES L. HARRIS
SUPERVISOR

SUPERIOR OIL

March 2, 1983

Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

Re: McElmo Creek Unit
San Juan County, Utah

Attention: Thalia

As per our telephone conversation of 3-1-83 the following proposed wells were not drilled and at this time there are no plans to drill them.

McElmo Creek Unit	M-20-X	43-037-30466
McElmo Creek Unit	K-14-X	43-037-30465
McElmo Creek Unit	O-18-X	43-037-30467

Respectfully submitted,



Wm. H. Edwards
Special Projects Superintendent

WHE/th

MAR 2 1983