

UTAH DIVISION OF OIL, GAS AND MINING

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

\*1-24-80 - Application to change footage location only.  
 \* Location Abandoned - Well never drilled - 11-12-82

DATE FILED 2-27-78

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. INDIAN NOO-C-14-20-300

DRILLING APPROVED: 2-28-78

SPUDDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: LA 11-12-82

FIELD: Undesignated 3/84 Clay Hill

UNIT:

COUNTY: San Juan

WELL NO. Navajo Tribal 34-22

API NO: 43-037-30428

LOCATION 3280' FT. FROM ~~XX~~ LINE. 3280' FT. FROM ~~XX~~ LINE. (\*SE NW) 1/4-1/4 SEC. 34

X 1380' FNL & 1690' FWL

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

41S	25E	34	SUPERIOR OIL COMPANY				
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**FILE NOTATIONS**

Entered in NID File ..... ✓  
Location Map Pinned .....  
Card Indexed ..... ✓

Checked by Chief .....  
Approval Letter .....  
Disapproval Letter .....

**COMPLETION DATA:**

Site Well Completed .....  
..... TA.....  
..... OS..... PA.....

Location Inspected ...  
Bond released  
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.....  
CCLog..... CCLog..... Others.....

7-25-91  
Jca

**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  
 3280' FSL, 3280' ~~TWL~~ <sup>7' FEL</sup>, SEC. 34, T41S, R25E, SLB&M  
 At proposed prod. zone

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

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)      2000' ✓

16. NO. OF ACRES IN LEASE      640

17. NO. OF ACRES ASSIGNED TO THIS WELL      80 ✓

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.      2150'

19. PROPOSED DEPTH      5425'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 4482' Ungraded Ground Level

22. APPROX. DATE WORK WILL START\*  
 April 15, 1978 ✓

5. LEASE DESIGNATION AND SERIAL NO.  
 N00-C-14-20-3002

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 NAVAJO ✓

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 NAVAJO TRIBAL 34 ✓

9. WELL NO.  
 #34-22 ✓

10. FIELD AND POOL, OR WILDCAT  
 [REDACTED]

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 SEC. 34, 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
17-1/2"	13-3/8"	48#	100'	To Surface. ✓
12-1/4"	8-5/8"	24#	1965'	To Surface ✓
7-7/8"	5-1/2"	14 & 15.5#	5425'	250 Sacks. ✓

- Drill 17-1/2" hole to 100'. Set 13-3/8" casing to 100' and cement to surface.
- Drill 12-1/4" hole to 1965'. Set 8-5/8" casing to 1965' and cement to surface.
- Drill 7-7/8" hole through Desert Creek Zone to approximately 5425'.
- Log well.
- Set 5-1/2" casing at 5425' and cement with 250 sacks.
- Perforate Desert Creek and/or ~~Ismay~~ zones and stimulate based on log evaluation.



APPROVED BY THE DIVISION OF OIL, GAS, AND MINING  
 DATE: 2-28-78  
 BY: C.B. Feight

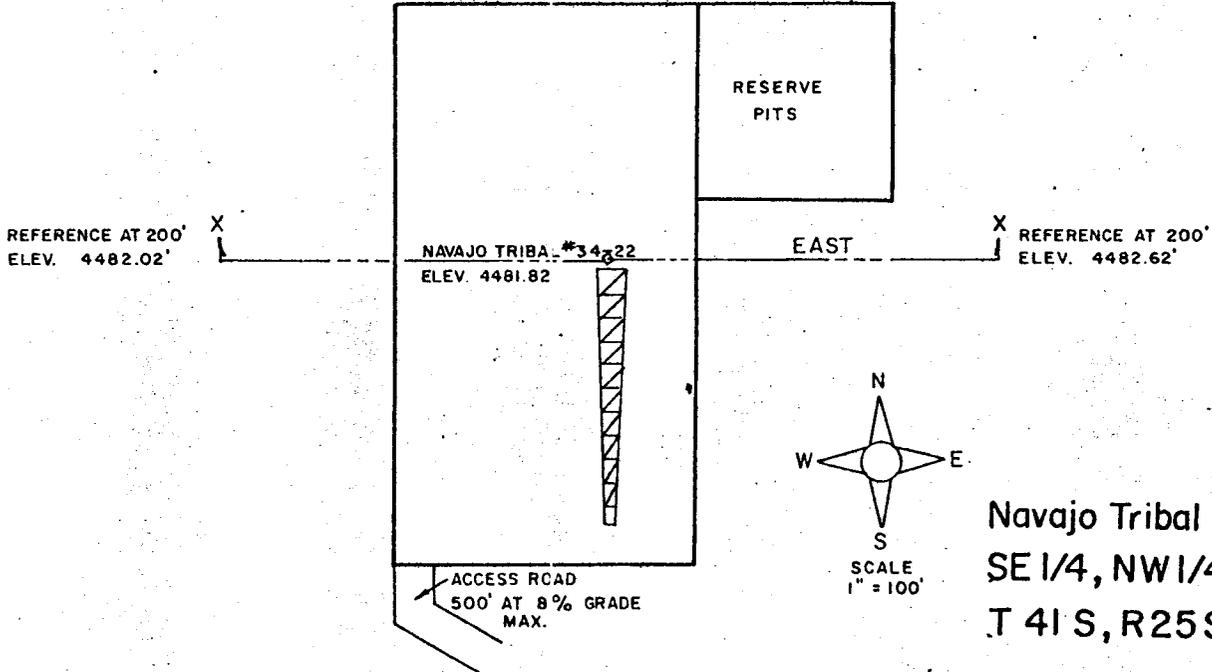
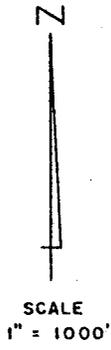
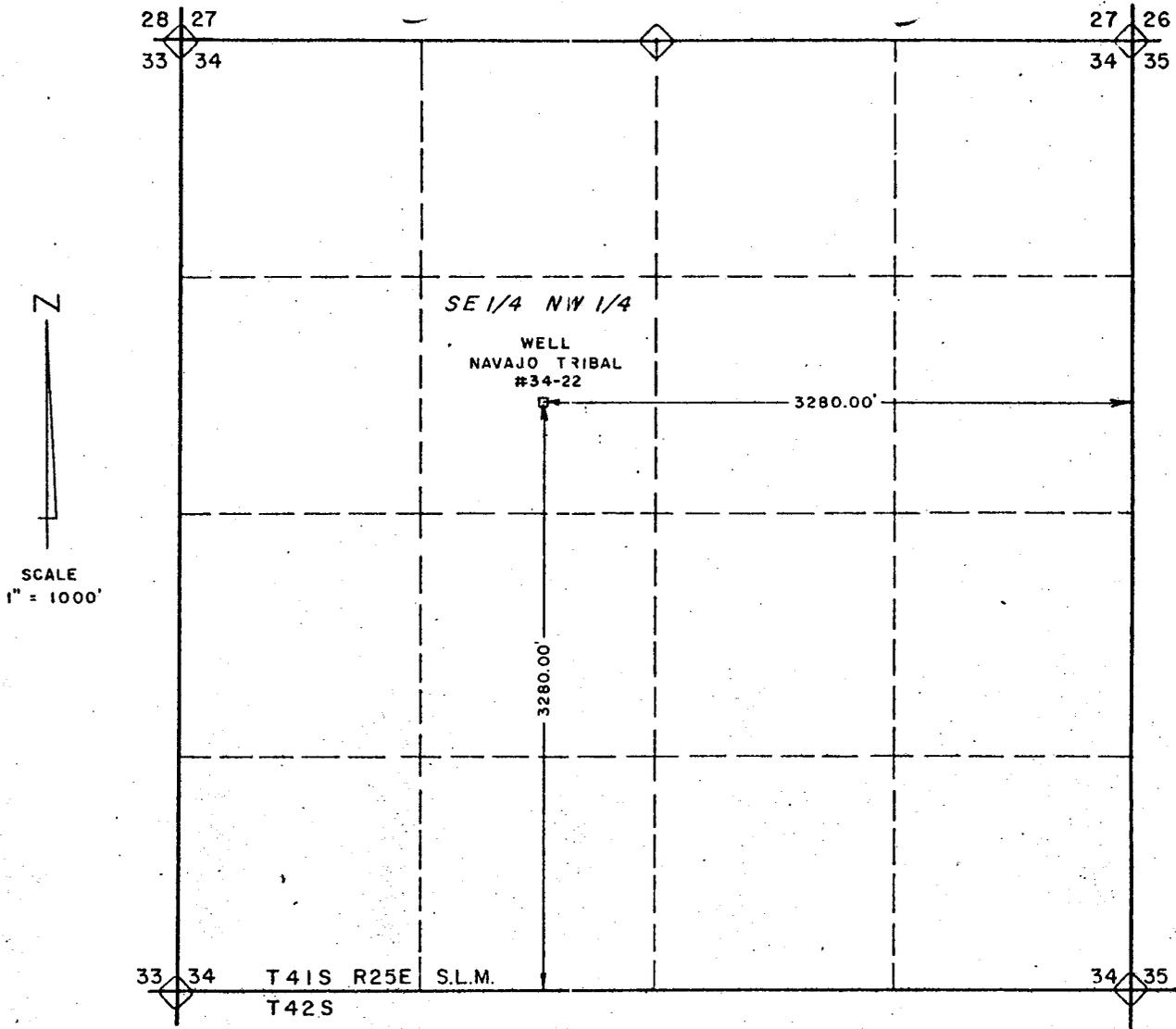
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Charles L. Hill TITLE Sr. Area Engineer DATE Feb 14, 1978

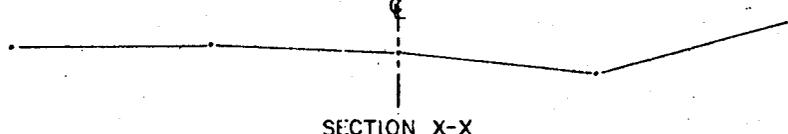
(This space for Federal or State office use)  
 PERMIT NO. 43-037-30428 APPROVAL DATE \_\_\_\_\_

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

Orig. + 3 - USGS, State - 2, W. N. Mosley, J. M. Moter, T. L. Logan, Jerry Braswell, Navajo Tribe, WIO, File



Navajo Tribal 34-22  
SE 1/4, NW 1/4, Sec. 34  
T 41 S, R 25 S, S.L.M.



HORZ. SCALE - 1" = 100'  
VERT. SCALE - 1" = 5'

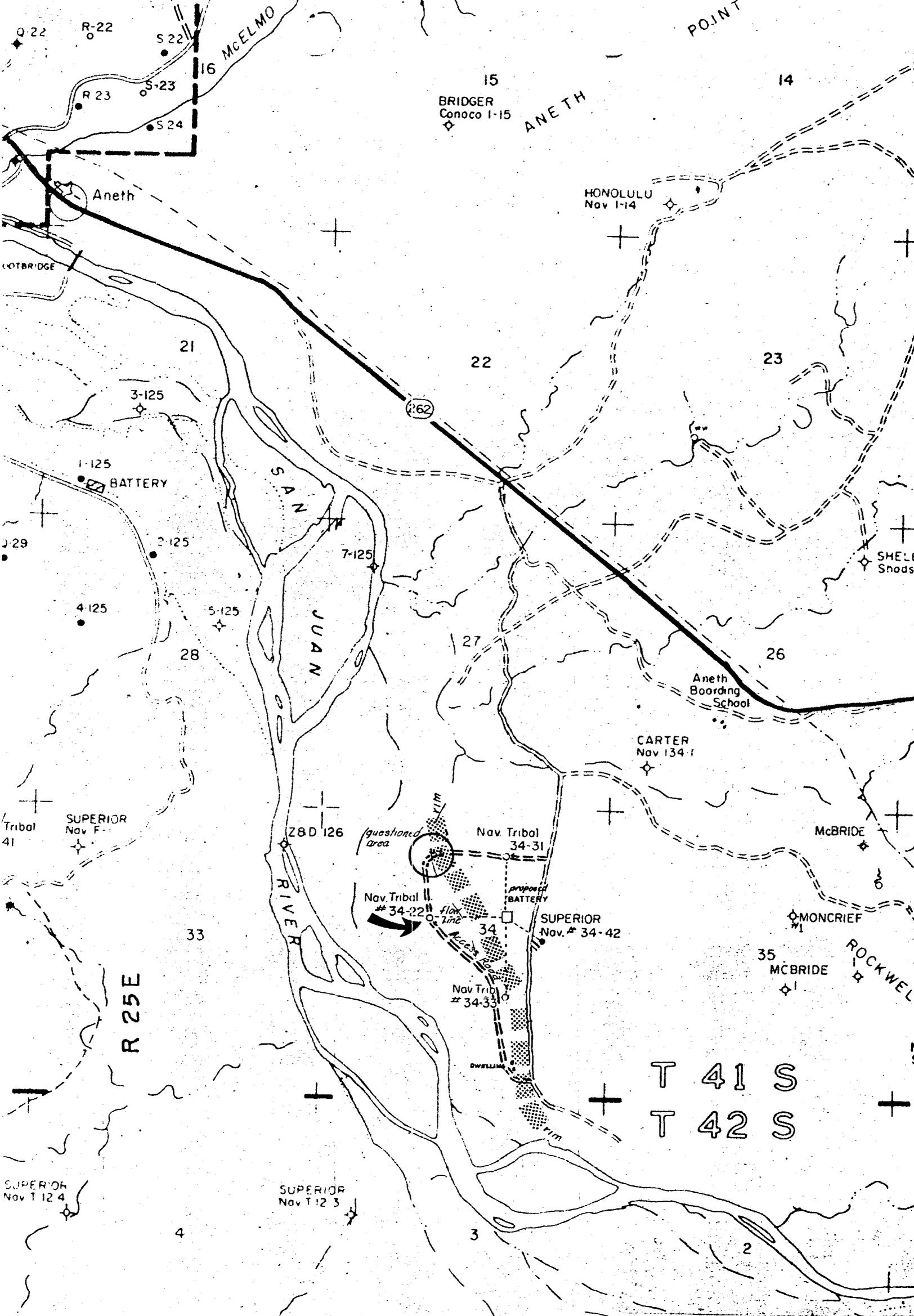
SOIL: SANDY LOAM W/POCKETS OF SILT  
VEGETATION: SALT CEDAR AND SAGE BRUSH 50% COVERAGE

KNOW ALL MEN BY THESE PRESENTS:  
That I, Clifford M. Schmid, 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.

*Clifford M. Schmid*  
Clifford M. Schmid  
Colo. Reg. LS No. 11373  
Utah Registration Pending



C & W SURVEYS  
2615 MAIN AVENUE  
DURANGO, COLO.



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

PROPOSED LOCATION  
 WITH FLOW LINE

BY SCALE DATE 2-10-78  
 REVISED

# THE SUPERIOR OIL COMPANY

P. O. DRAWER G

CORTEZ, COLORADO 81321

February 14, 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  
Navajo Tribal #34-22  
3280' FSL, 3280' FEL  
Section 34, T41S, R25E  
San Juan County, Utah

Dear Mr. McGrath:

The "Surface Use Development Plan" for the proposed Superior's Navajo Tribal #34-22 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 2000' X 30' access road is required as shown on the attached plat. The proposed road will run northwest to the location and will be of compacted sand and gravel with a maximum grade of 1/2%. 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 and proposed tank batteries, flow lines and lateral roads in the vicinity of the proposed well are shown on the attached plat. The 2" surface flowline for the proposed well will run 1400' east to the proposed tank battery.
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 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. Materials at the locations will be used for elevation of 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 known 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*  
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.

Feb. 15, '78  
Date

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

SUPPLEMENT TO FORM 9-331C

WELL: Navajo #34-22

SURFACE FORMATION WHERE PROPOSED DRILLING IS TO TAKE PLACE: Dakota

ESTIMATED FORMATION TOPS: (Measured from KB approximately 4494')

Chinle	1936'
DeChelly	2286'
Ismay	5089'
Gothic Shale	5241'
Desert Creek	5272'
Chimney Rock	5405'
TD	5425'

WATER BEARING FORMATIONS: Water is expected to be encountered intermittently from 400' to 1936'.

HYDROCARBON BEARING FORMATIONS: Oil and gas are expected to be encountered intermittently from 5089' to 5405'.

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/800 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: FDC-CNL, Sonic - TD to surface.  
DIL, MSFL - 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.

# THE SUPERIOR OIL COMPANY

P. O. DRAWER G

CORTEZ, COLORADO 81321

February 14, 1978

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

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Feb. 15, '78  
Date

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

CLH/Th

SUPPLEMENT TO FORM 9-331C

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CEMENT PROGRAM:

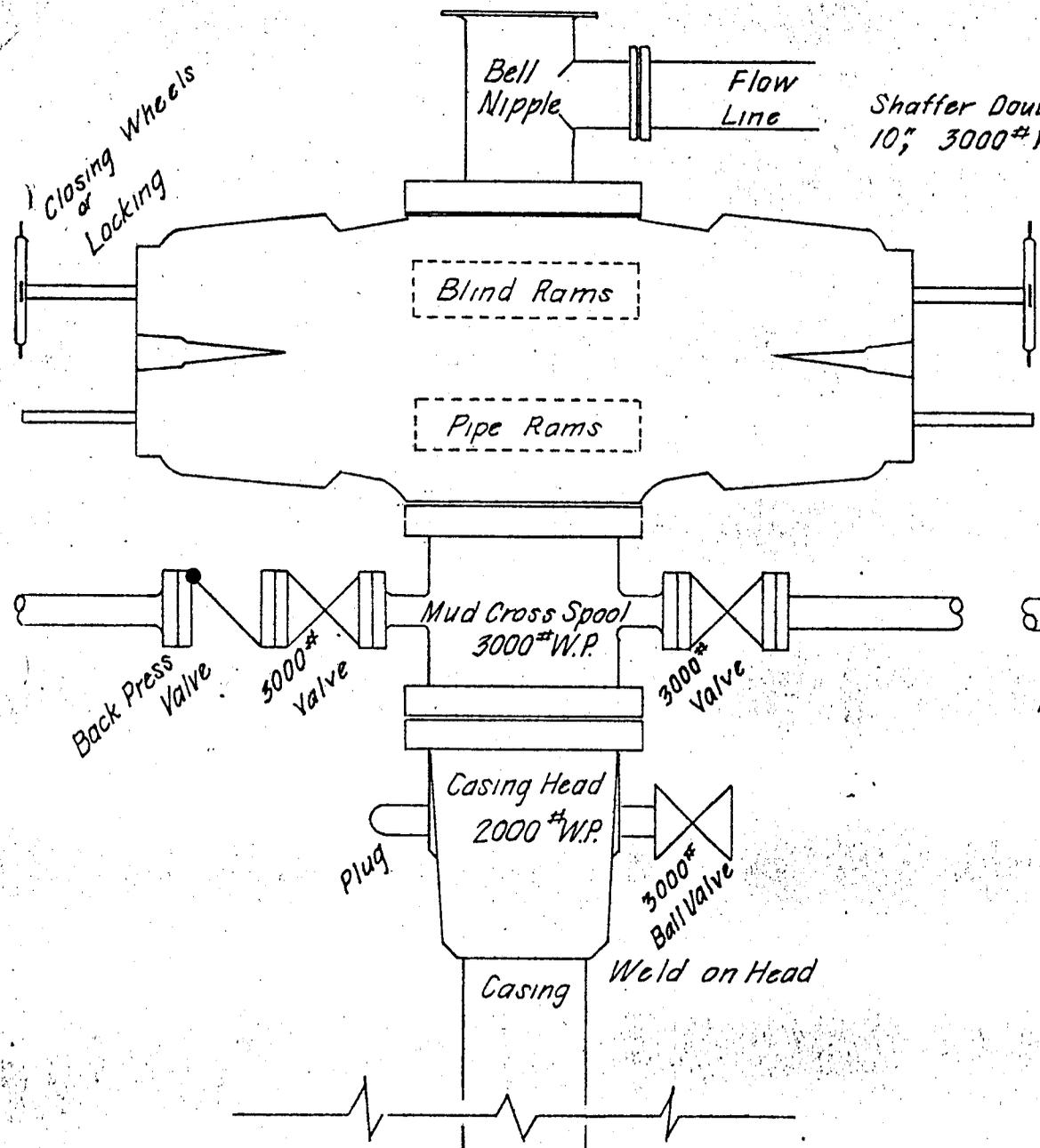
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LOGGING PROGRAM:

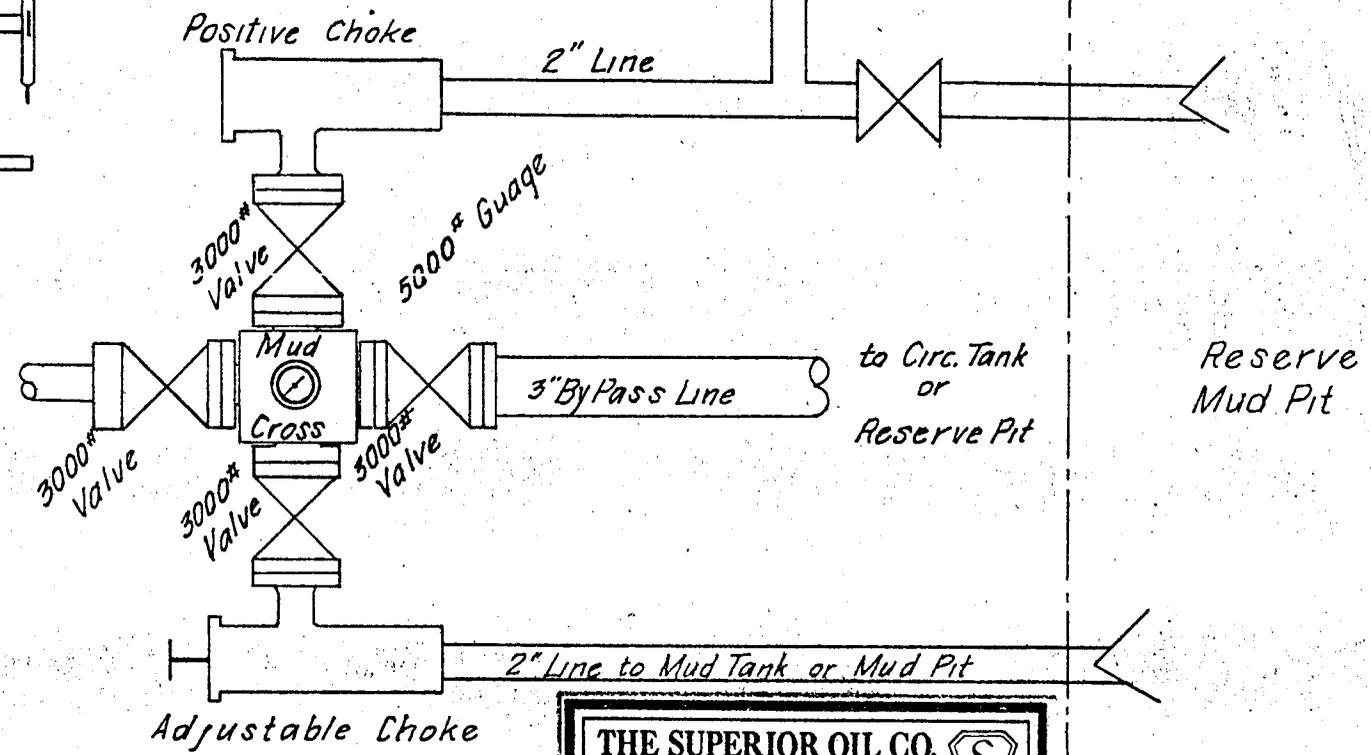
- FDC-CNL, Sonic - TD to surface.
- DIL, MSFL - TD to 5000'.

PRESSURE CONTROLS:

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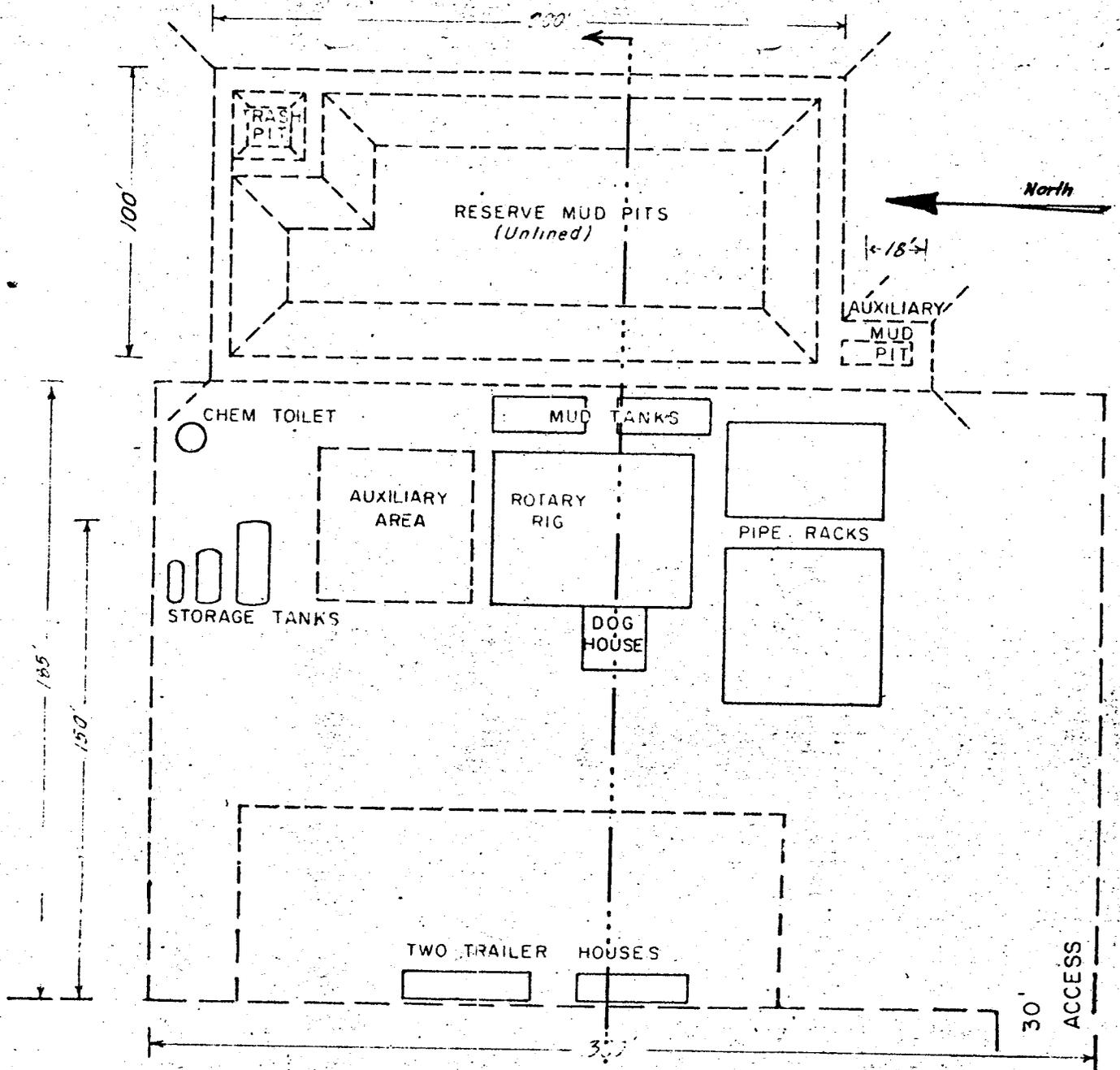


Shaffer Double Gate Blow Out Preventer  
 10", 3000# W.P., 6000# Test, Type E



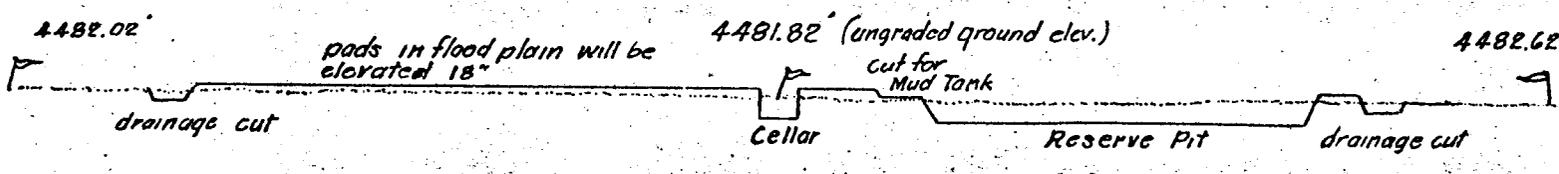
Circulating Tank

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



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

Proposed Site



Original Contour -----  
 Reference Point ---P---  
 Graded Line \_\_\_\_\_

**THE SUPERIOR OIL CO.**  
 CORTEZ-CASPER DISTRICT  
 ENGINEERING DEPARTMENT  
**RIG LAYOUT & DRILL  
 PAD CROSS SECTION**

NAVAJO TRIBAL NR 34-22  
 SAN JUAN COUNTY, UTAH  
 BY M.H.T. DATE 8-12-78  
 SCALE 1" = 50' REVISED

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

SE NW

\*\* FILE NOTATIONS \*\*

Date: Feb. 24, 1978

Operator: Superior Oil Co.

Well No: H 34-22 Navajo

Location: Sec. 34 T. 41 S R. 25 E County: San Juan

File Prepared:   
Card Indexed:

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

API NUMBER: 43-037-30428

CHECKED BY:

Administrative Assistant [Signature]

Remarks:

Petroleum Engineer [Signature]

Remarks:

Director [Signature]

Remarks:

*Undesignated Field*

INCLUDE WITHIN APPROVAL LETTER:

Bond Required:

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 \_\_\_\_\_ Unit

Other:

Letter Written Approved

Form approved.  
Budget Bureau No. 42-R714.4

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

ALLOTTEE .....  
TRIBE ..... Navajo  
LEASE NO. .... 14-20-603-372

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State UTAH County SAN JUAN Field MC ELMO

The following is a correct report of operations and production (including drilling and producing wells) for the month of APRIL, 1978,

Agent's address P. O. Box 71 Company The Superior Oil Company  
Conroe, Texas 77301 Signed Brian R. Hayden

Phone 713-539-1771 Agent's title Sr. Production Engineer

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SEC. 6										
NW-SW	41S	25E	J-15B							TD 5640' 4-30-78 Completing
SEC. 12										
NE-SW	41S	24E	G-18B							TD 5615' 4-30-78 Testing
NW-NE	41S	24E	H-17B							TD 5675' 4-30-78 Testing
SEC. 34										
SE-NW	41S	25E	Navajo Tribal 34-22							4-30-78 w/o Rig
NE-NW	41S	25E	Navajo Tribal 34-31							4-30-78 w/o Rig
NE-SW	41S	25E	Navajo Tribal 34-33							4-30-78 w/o Rig
SE-NE	41S	24E	Navajo Tribal 34-42							



CONFIDENTIAL

NOTE.—There were ..... runs or sales of oil; ..... runs or sales of gasoline during the month. (Write "no" where applicable)  
NOTE.—Report on this form is required for each calendar month, regardless of the status of operations. Duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

FORM 10-60 (REV. 12-17-64)  
 APRIL 1965 EDITION GSA GEN. REG. NO. 27

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY

ALLOWED BY: \_\_\_\_\_  
 TRACT: Navajo  
 LEASE NO.: 14-20-500-372

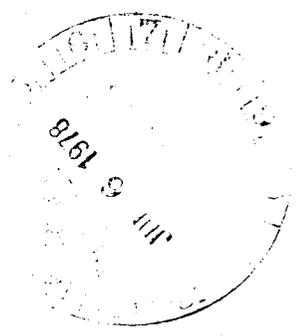
**LESSOR'S MONTHLY REPORT OF OPERATIONS**

State UTAH County SAN JUAN Field MC ELMO

The following is a correct report of operations and production (including drilling and producing wells) for the month of June, 19 78

Agent's address P. O. Box 71 Company The Superior Oil Company  
Conroe, Texas 77301 Signed \_\_\_\_\_  
 Phone 713-539-1771 Agent's title Sr. Production Engineer

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<u>SEC. 32</u>										
NW-SW	<u>41S</u>	<u>25E</u>	<u>M-12B</u>							<u>TD 5748'</u> <u>6-30-78 Completing</u>
<u>SEC. 34</u>										
✓ SE-NW	<u>41S</u>	<u>25E</u>	<u>Navajo Tribal 34-22</u>							<u>6-30-78 w/o Rig</u>
NE-NW	<u>41S</u>	<u>25E</u>	<u>Navajo Tribal 34-31</u>							<u>6-30-78 Drilling</u>
NE-SW	<u>41S</u>	<u>25E</u>	<u>Navajo Tribal 34-33</u>							<u>6-30-78 w/o Rig</u>
SE-NE	<u>41S</u>	<u>24E</u>	<u>Navajo Tribal 34-42</u>							<u>TD 5488'</u> <u>6-30-78 Completing</u>



NOTE.—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M. cu. ft. of gas sold;

\_\_\_\_\_ runs or sales of gasoline during the month. (Write "no" where applicable.)

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

ALLOTTEE \_\_\_\_\_  
TRIBE Navajo  
LEASE NO. 14-20-603-372

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

P

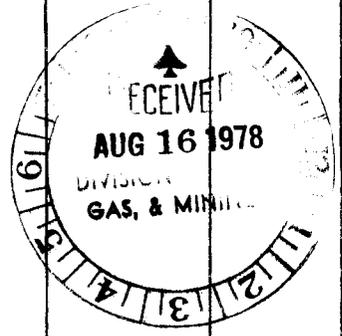
State UTAH County SAN JUAN Field MC ELMO

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Sec. 18 SE - NW	41S	25E	K-22	X						7-31-78 Drilling
Sec. 34 SE - NW	41S	25E	Navajo Tribal	34-22						6-30-78 w/o Rig
NE - NW	41S	25E	Navajo Tribal	34-31						TD 5488' 7-31-78 Completing
NE - SW	41S	25E	Navajo Tribal	34-33						6-30-78 w/o Rig



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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

I. DANIEL STEWART  
*Chairman*

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

CLEON B. FEIGHT  
*Director*

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

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

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

ALLOTTEE \_\_\_\_\_  
TRIBE Navajo  
LEASE No. 14-20-603-372

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State UTAH County SAN JUAN Field Mc ELMO

The following is a correct report of operations and production (including drilling and producing wells) for the month of AUGUST, 1978,

Agent's address P.O. BOX 71 Company THE SUPERIOR OIL COMPANY  
CONROE, TEXAS 77301 Signed Brian R. Hayden

Phone 713/539-1771 Agent's title SR. PRODUCTION ENGINEER

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	DATE PRODUCED	BARRELS OF OIL	(GRAVITY)	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 18										
SE - NW	41S	25E	K-22	X						TD 5266' 8-31-78 Completing
Sec. 33										
NW - SE	40S	25E	T-12	A						8-31-78 Drilling
Sec. 34										
SE - NW	41S	25E	Navajo Tribal	34-22						8-31-78 w/o Rig
NE - NW	41S	25E	Navajo Tribal	34-31						TD 5488' 8-31-78 Completing
NE - SW	41S	25E	Navajo Tribal	34-33						8-31-78 w/o Rig

NOTE.—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M. cu. ft. of gas sold;

\_\_\_\_\_ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> <small>(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.)</small>		<b>5. LEASE DESIGNATION AND SERIAL NO.</b> NOO-C-14-20-3002
<b>1. OIL WELL</b> <input checked="" type="checkbox"/> <b>GAS WELL</b> <input type="checkbox"/> <b>OTHER</b> <input type="checkbox"/>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b> NAVAJO <span style="float: right;">A</span>
<b>2. NAME OF OPERATOR</b> THE SUPERIOR OIL COMPANY		<b>7. UNIT AGREEMENT NAME</b>
<b>3. ADDRESS OF OPERATOR</b> P. O. DRAWER 'G', CORTEZ, COLORADO 81321		<b>8. FARM OR LEASE NAME</b> NAVAJO TRIBAL 34
<b>4. LOCATION OF WELL</b> (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 3280' FSL, 3280' FEL, SEC. 34, T41S, R25E, SLB&M		<b>9. WELL NO.</b> #34-22
<b>14. PERMIT NO.</b> 43-037-30428		<b>10. FIELD AND POOL, OR WILDCAT</b> ROCKWELL SPRINGS
<b>15. ELEVATIONS</b> (Show whether DF, RT, GR, etc.) 4482' Ungraded Ground Level		<b>11. SEC., T., S., M., OR BLK. AND SURVEY OR AREA</b> SEC. 34, T41S, R25E
		<b>12. COUNTY OR PARISH</b>   <b>13. STATE</b> 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 <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) <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.)\*

1. The postponement in the drilling of this well has come about from the drilling of a second well in the Rockwell Springs Field. The second well has unfavorable test results and has thus delayed any further drilling in the field.

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

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

(This space for Federal or State office use)

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

# DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of <sup>Indian Affairs</sup> ~~Land Management~~, holder of lease

Navajo Area

~~OFFICE~~ OFFICE: Window Rock, Arizona 86515

SERIAL No.: NOO-C-14-20-3002



3A-2D

and hereby designates

NAME: Superior Oil Company

ADDRESS: 1860 Lincoln Street, Suite 800, Denver, Colorado 80295

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 41 South, Range 25 East, S.L.M.

Section 34: All

San Juan County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

*M. A. ...*

(Signature of lessee)

1300 Writers' Center IV  
1720 South Bellaire Street  
Denver, Colorado 80222

(Address)

November 8, 1977

(Date)

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

2. NAME OF OPERATOR  
THE SUPERIOR OIL COMPANY

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 3280' FSL, 3280' FEL  
AT TOP PROD. INTERVAL: Same as Surface  
AT TOTAL DEPTH: Same as Surface

5. LEASE  
NOO-C-14-20 3002

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NAVAJO

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
NAVAJO TRIBAL

9. WELL NO.  
#34-22

10. FIELD OR WILDCAT NAME  
ROCKWELL SPRINGS

11. SEC., T., R., M OR BLK. AND SURVEY OR AREA  
SEC. 34 T41S, R25E

12. COUNTY OR PARISH  
SAN JUAN

13. STATE  
UTAH

14. API NO.  
43-037-30428

15. ELEVATIONS (SHOW DF KDB AND WD)  
4482' 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) Request for extension	<input type="checkbox"/>	<input type="checkbox"/>

(NOTE: Report results of multiple completions 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 for this well to keep the Application for Permit to Drill valid.

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING

DATE: Aug. 16, 1979

BY: Frank M. Starnes

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Ft.

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

SIGNED J. R. Oberlander TITLE PRODUCTION ENG. DATE July 5, 1979

(This space for Federal or State office use)

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

# THE SUPERIOR OIL COMPANY

P. O. DRAWER G

CORTEZ, COLORADO 81321

January 23, 1980

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

Re: Surface Use Development Plan  
Proposed Well  
Navajo Tribal #34-22  
1380' FNL, 1690' FWL  
Section 34, T41S, R25E  
San Juan County, Utah

Dear Mr. Sims:

The "Surface Use Development Plan" for the proposed Navajo Tribal #34-22 well 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 750' X 20' access road is required as shown on the attached plat. The proposed road will run west-southwest to the location and will be of compacted sand and gravel with a maximum grade of 6%. The road will be constructed so as to provide for adequate drainage. No major cuts or fills will be necessary. The 400' of road before the drilling pad will be elevated 2' above the floodplain with native materials.
3. The location and status of wells in the vicinity are shown on the attached plat.
4. The location of the existing Rockwell Springs tank battery, flow lines and lateral roads in the vicinity of the proposed well are shown on the attached plat. The 3" flow line for the proposed well will follow the access road until it is on the terrace rim and will then run 1600' southeast to the Rockwell Springs battery.
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 and vicinity. 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 2' above ground level. Materials at the location will be used for elevation of the pad.
10. The proposed drillsite is located on the floodplain 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. Indian artifacts at the edge of the terrace rim will be in the vicinity of the access road and flow lines.

Very truly yours,

THE SUPERIOR OIL COMPANY

*J. R. Oberlander*

J. 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.

1-24-80  
Date

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

SUPPLEMENT TO FORM 9-331C

WELL: NAVAJO TRIBAL #34-22

SURFACE FORMATION WHERE PROPOSED DRILLING IS TO TAKE PLACE: Dakota

ESTIMATED FORMATION TOPS: (Measured from KB approximately 4495')

Chinle	1217'
DeChelly	2287'
Ismay	5090'
Gothic Shale	5242'
Desert Creek	5273'
Chimney Rock	5406'
TD	5425'

WATER BEARING FORMATIONS: Water is expected to be encountered intermittently from 400' to 1217'.

HYDROCARBON BEARING FORMATIONS: Oil and gas are expected to be encountered intermittently from 5090' to 5406'.

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: Conductor - Cement to surface with 150 sx Light w/ Class 'B' cement containing 4% gel and 2% CaCl.  
Surface - Cement to surface w/800 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: FDC-CNL, Sonic - TD to Surface.  
DIL, MSFL, Velocity Survey - TD to 4100'.

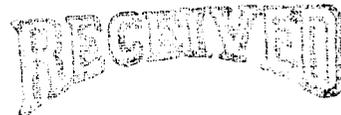
PRESSURE CONTROLS: Blowout preventer equipment will be 10" Series 600 with blind rams and drill pipe rams hydraulically and manually controlled. The schematic of the pressure control equipment can be seen on the following page. The mud system will be monitored by visual inspection.

303-565-3733

# THE SUPERIOR OIL COMPANY

P. O. DRAWER G  
CORTEZ, COLORADO 81321

January 23, 1980



JAN 28 1980

DIVISION OF  
OIL, GAS & MINING

Michael T. Minder  
Geological Engineer  
Division of Oil, Gas & Mining  
1588 West North Temple  
Salt Lake City, Utah 84116

Re: Navajo Tribal #34-22  
1380' FNL, 1690' FWL  
Section 34, T41S, R25E SLM  
San Juan County, Utah

Dear Mr. Minder:

The Superior Oil Company controls all oil and gas mineral rights within a 660' radius of the reference well. The Superior Oil Company is designated as operator of all of Section 34, T41S, R25E from Duncan Oil Company.

Very truly yours,

THE SUPERIOR OIL COMPANY

A handwritten signature in cursive script that reads "Wm. H. Edwards".

Wm. H. Edwards  
Area Production Superintendent

JRO/1h

cc: U. S. G, S, Farmington

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  
 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  
 At proposed prod. zone 1690' FWL, 1380' FNL, SEC. 34, T41S, R25E SE NW  
 Same as surface *location change*

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

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 1380'

16. NO. OF ACRES IN LEASE  
 640

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.  
 800'

19. PROPOSED DEPTH  
 5425'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 4482' Ungraded Ground Level

5. LEASE DESIGNATION AND SERIAL NO.  
 N00-C-14-20-3002

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 NAVAJO

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 NAVAJO TRIBAL

9. WELL NO.  
 #34-22

10. FIELD AND POOL OR WILDCAT  
~~ROCKWELL SPRINGS FIELD~~

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 SEC. 34, T41S, R25E

12. COUNTY OR PARISH  
 SAN JUAN

13. STATE  
 UTAH

22. APPROX. DATE WORK WILL START\*  
 March 1, 1980

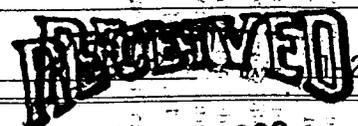
23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	100'	150 sx
14-3/4"	10-3/4"	40.5#	1240'	800 sx
8-3/4"	7"	23 & 26#	5425'	250 sx

- Drill 17-1/2" hole to 100'. Set 13-3/8" casing to 100' and cement to surface with 150 sacks.
- Drill 14-3/4" hole to 1240'. Set 10-3/4" casing to 1240' and cement to surface with 800 sacks.
- Drill 8-3/4" hole through Desert Creek Zone and 30' into Chimney Rock Shale to approximately 5425'.
- Log well.
- Set 7" casing at 5425' and cement with 250 sacks.
- Perforate Ismay and Desert Creek and stimulate based on log evaluation and dual complete in Ismay and Desert Creek Interval.

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 24-80



JAN 28 1980

(This space for Federal or State office use)

PERMIT NO. APPROVED BY THE DIVISION OF OIL, GAS & MINING DATE

APPROVED BY DATE: 2-5-80 TITLE

CONDITIONS OF APPROVAL, IF ANY: BY: M. S. Munder

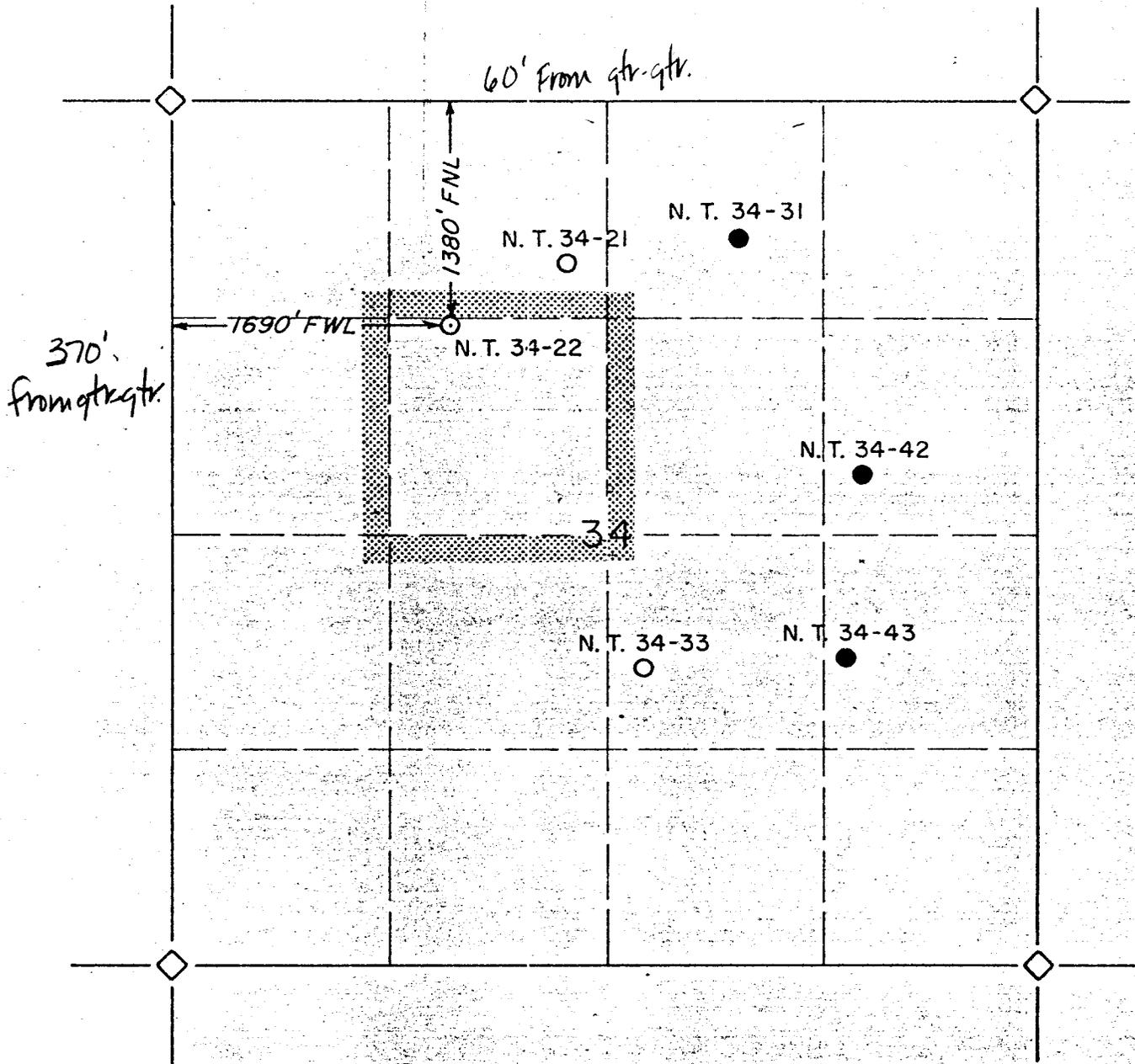
DIVISION OF OIL, GAS & MINING

3RO/1h  
 Orig. + 3 - USGS, State - 2, Navajo Tribe, T. W. Cooley, Walter Duncan Oil Properties, Central File; Conroe, Houston, Cortez

# THE SUPERIOR OIL CO.

OPERATOR

Well No. N.T. 34-22



Rockwell Springs Field

SE / NW SECTION 34, T.41S. - R.25E.



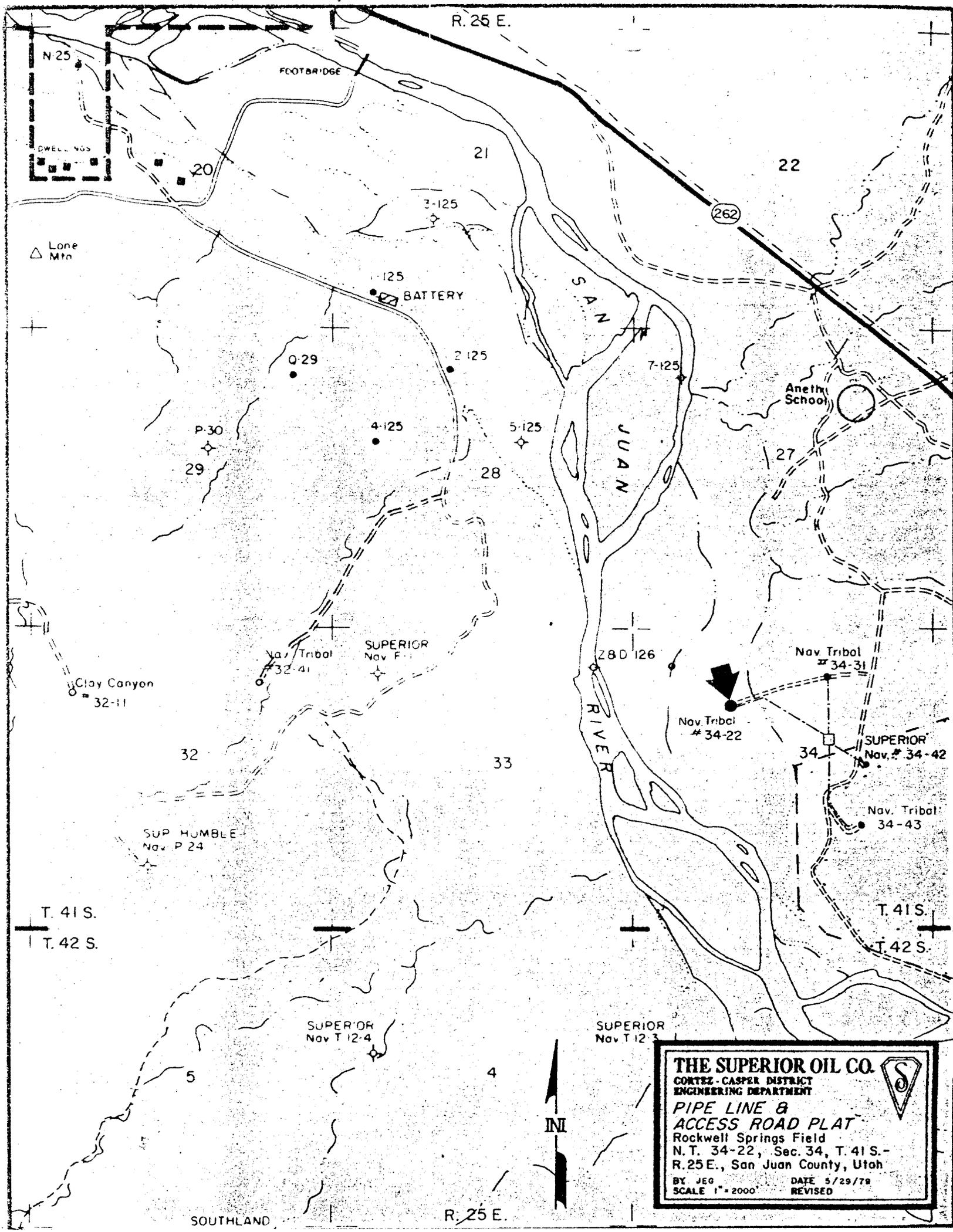
*Charles L. Hill*  
1/24/80



Scale: 1" = 1000'



- Location
- Well
- ⊕ Injector



R. 25 E.

N. 25

FOOTBRIDGE

(262)

21

22

3-125

Lone Mtn

1-125 BATTERY

SAN JUAN

Q-29

2-125

7-125

Aneth School

P-30

4-125

5-125

29

28

JUAN RIVER

127

SUPERIOR Nav F-1

280 126

Nav Tribal # 34-31

Clay Canyon # 32-11

Nav Tribal # 32-41

Nav Tribal # 34-22

SUPERIOR Nav # 34-42

32

33

SUP HUMBLE Nav P 24

34

Nav Tribal # 34-43

T. 41 S.

T. 42 S.

T. 41 S.

T. 42 S.

SUPERIOR Nav T 12-4

SUPERIOR Nav T 12-3

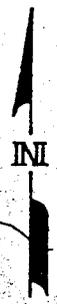
SOUTHLAND

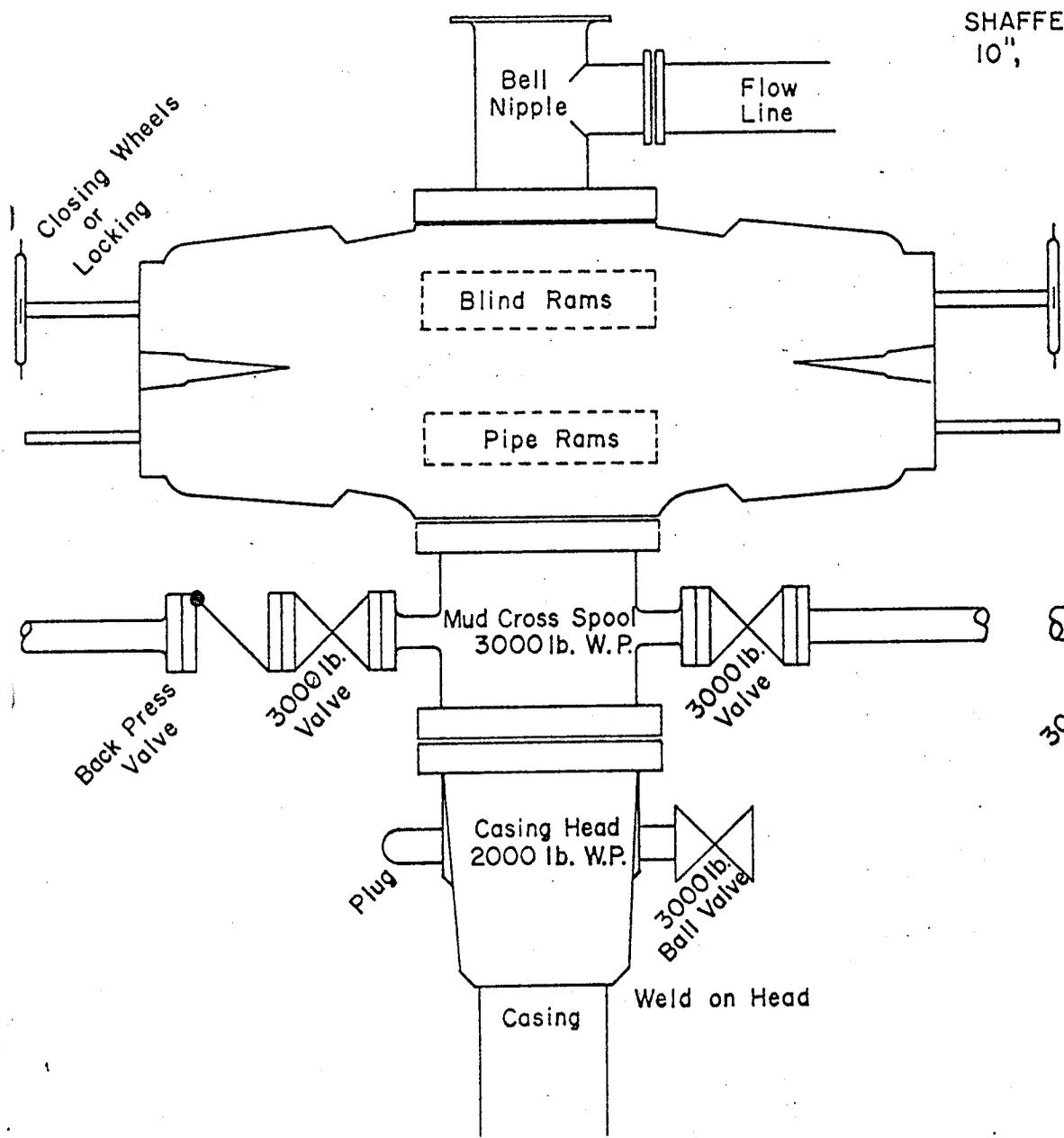
R. 25 E.

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

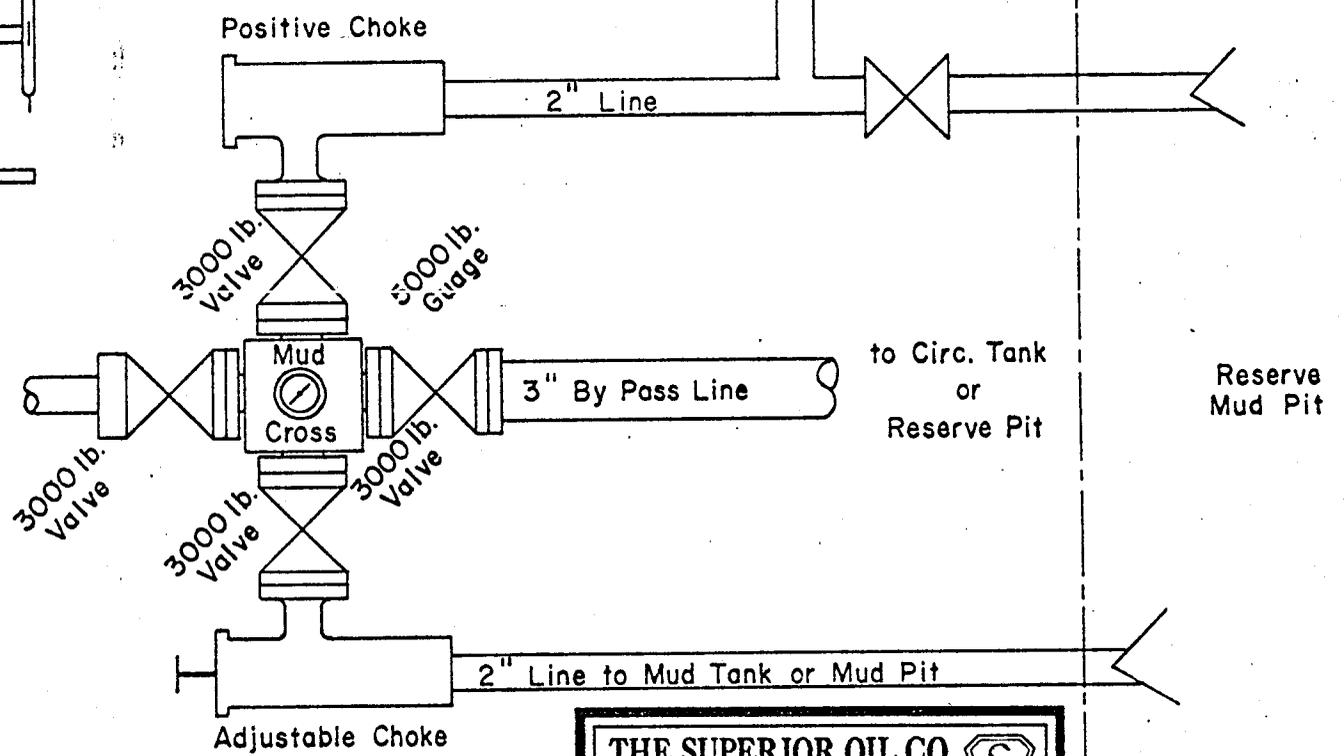
**PIPE LINE & ACCESS ROAD PLAT**  
 Rockwell Springs Field  
 N. T. 34-22, Sec. 34, T. 41 S. -  
 R. 25 E., San Juan County, Utah

BY JEG DATE 5/29/79  
 SCALE 1" = 2000' REVISED



SHAFFER DOUBLE GATE BLOW OUT PREVENTER  
 10", 3000 lb. W.P., 6000 lb. Test, Type E

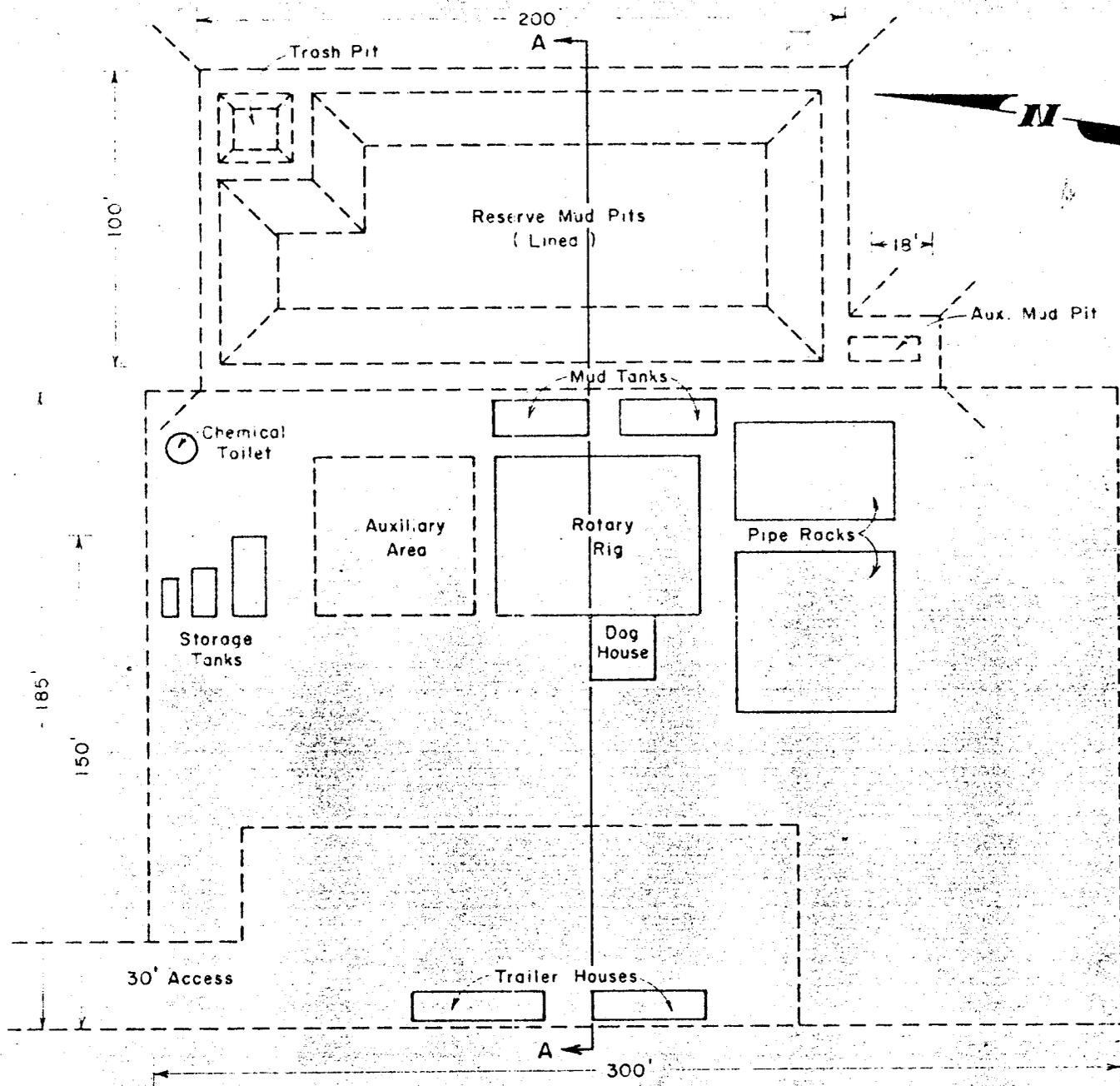


**THE SUPERIOR OIL CO.**  
 CORTEZ-CASPER DISTRICT  
 ENGINEERING DEPARTMENT



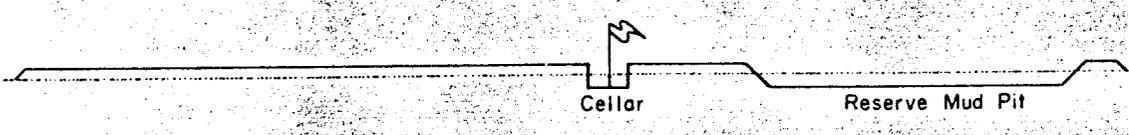
**SCHEMATIC DIAGRAM  
 OF PRESSURE CONTROL  
 EQUIPMENT**

BY JEG      DATE 6/25/79  
 SCALE NONE      REVISED



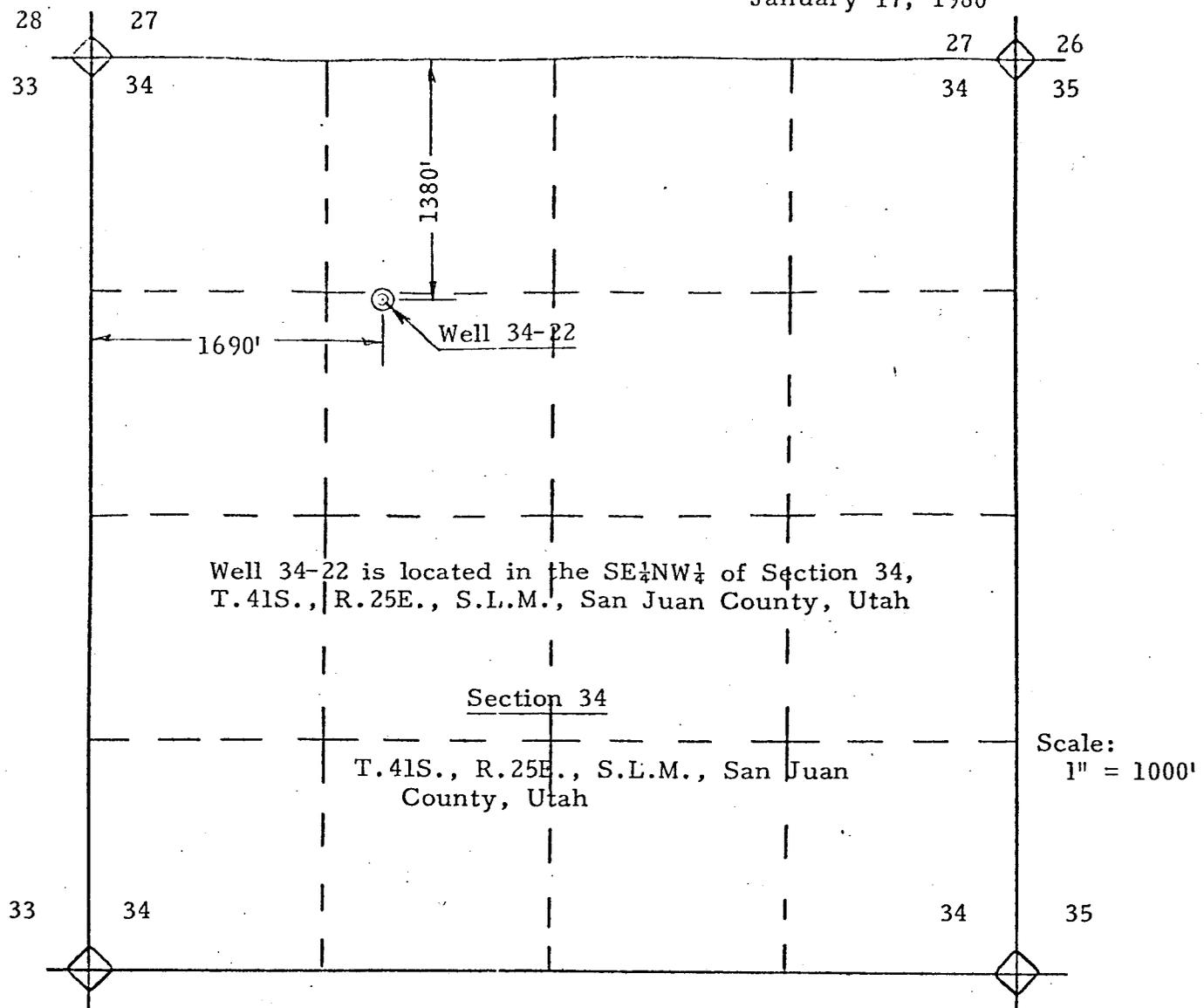
The Drilling Pad will be graded and compacted, and composed of native materials.

PROPOSED WELL SITE  
 N.T. 34-22  
 Original Elev. 4482.1

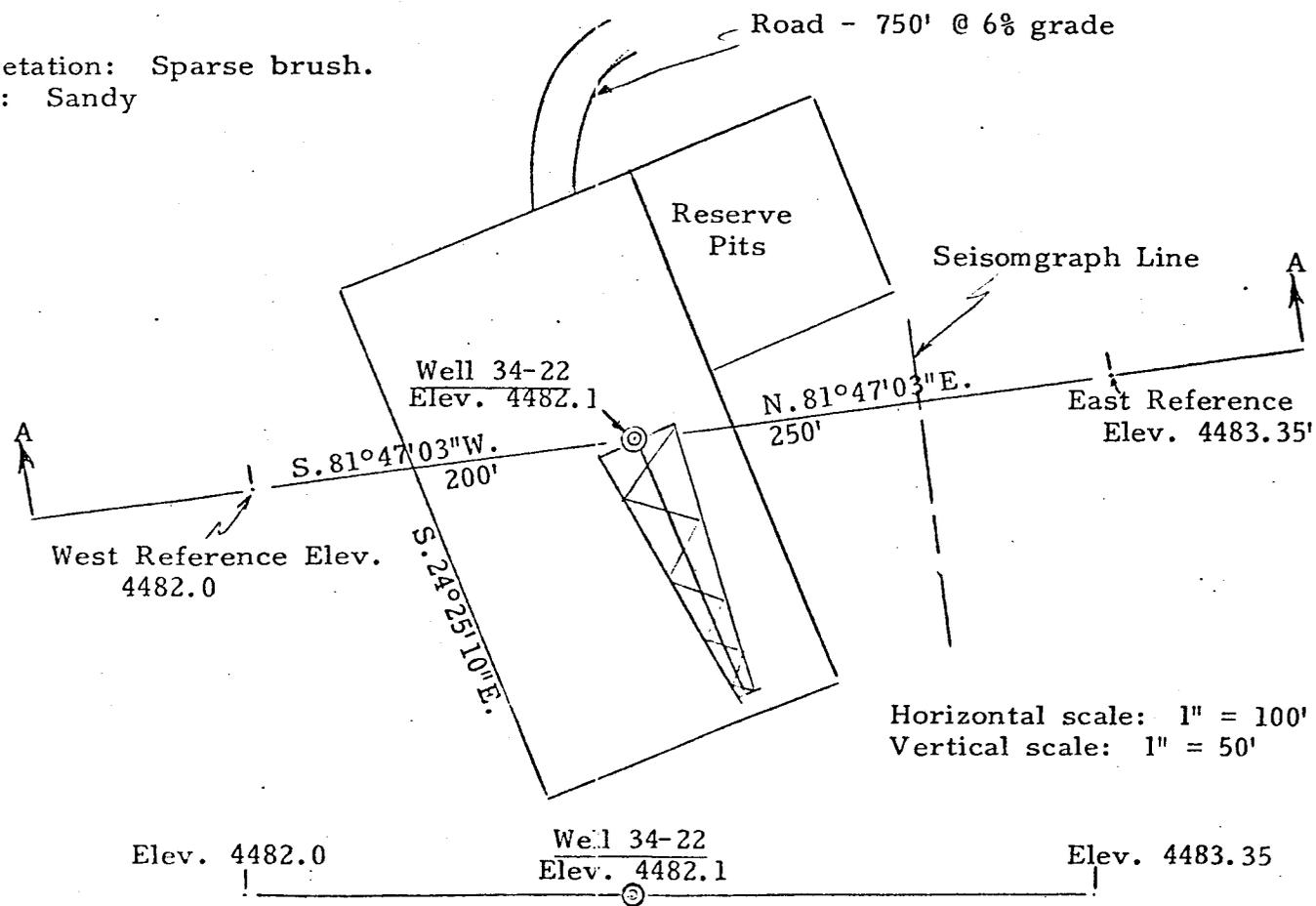


Original Contour \_\_\_\_\_  
 Reference Point \_\_\_\_\_  
 Graded Proposal \_\_\_\_\_

**THE SUPERIOR OIL CO.**  
 CORTEZ CASPER DISTRICT  
 ENGINEERING DEPARTMENT  
**RIG LAYOUT & DRILL  
 PAD CROSS SECTION**  
 Well No. N.T. 34-22  
 Rockwell Springs Field  
 San Juan Co., Utah  
 BY JEG DATE 1/22/80  
 SCALE 1" = 50' REVISED



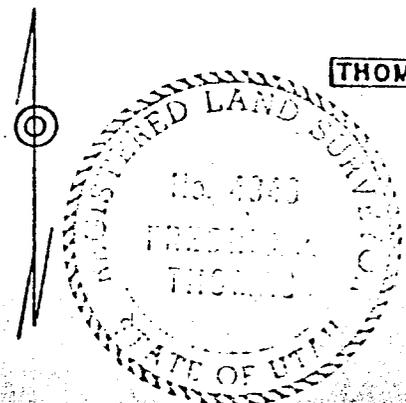
Vegetation: Sparse brush.  
Soil: Sandy



SECTION A-A

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      Bearing by  
Reg. L.S. and P.E.      Solar  
Colo. Reg. No. 6728      observation  
Utah Reg. No. 4346



**THOMAS** Engineering Inc.  
215 N. Linden  
Cortez, Colorado  
565-4496

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

2. NAME OF OPERATOR  
SUPERIOR OIL COMPANY

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 3280' FSL, 3280' FEL  
AT TOP PROD. INTERVAL: Same as surface  
AT TOTAL DEPTH: Same as surface

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

5. LEASE  
N00-C-14-20-3002

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NAVAJO

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
NAVAJO TRIBAL

9. WELL NO.  
#34-22

10. FIELD OR WILDCAT NAME  
ROCKWELL SPRINGS

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA  
SEC. 34, T41S, R25E

12. COUNTY OR PARISH  
SAN JUAN

13. STATE  
UTAH

14. API NO.  
43-037-30428

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
4482' Ungraded Ground Level

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) DISCONTINUE APD (Location change filed - 1/24/80)

(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.)\*

Please drop subject well (Navajo Tribal 34-22; 3280' FSL, 3280' FEL Sec. 34, T41S, R25E) from the Application for Permit to Drill records and files. Superior Oil is proposing a new oil well (1690' FWL, 1380' FNL Sec. 34, T41S, R25E) which would be 1720' northwest of subject well; this violates the State of Utahs General Rules and Regulations and Rules of Practice and Procedure Rule C-3 (b). Recent Geophysical data and interpretation dictated that this new well be at this location.

**RECEIVED**

FEB 01 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 1-30-80

(This space for Federal or State office use)

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

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

RO/1h  
rig + 3 - USGS, State - 2, Navajo Tribe, Walter Duncan Oil Properties, T. W. Cooley, eg. Group, Central File - Houston, Conroe, Cortez

\*See Instructions on Reverse Side

**RECEIVED**

FEB 04 1980

**The Superior Oil Company**

DIVISION OF  
OIL, GAS & MINING

February 1, 1980

Mike Minder  
Division of Oil and Gas  
State of Utah  
1588 West N. Temple  
Salt Lake City, Utah 84116

Re: Well Proposal  
NT 34-22, T41S-R25E  
San Juan County, Utah

Dear Mr. Minder:

I have been asked by Jim Oberlander of The Superior Oil Cortez office to bring you up to date on our application to drill the NT 34-22 well.

Apparently, the proposed location (1690' FWL 1380' FNL) does not meet the guidelines put down by the State of Utah. The primary reason for our exemption request is our need to drill the well directly on a seismic line shotpoint. Our past experience has shown that the type of algal mound or "reef" that we are exploring for can be absent in as little as 200 feet. Any deviation from the known data shown on the seismic line greatly increases the chances of drilling a dry hole.

The limited reservoir size and the need to drill on a known subsurface point makes any shift an unacceptable exploration risk.

Thank you for your assistance and cooperations.

Sincerely yours,

*R.P. Crist*

R.P. Crist  
Sr. Geophysicist

cc: James Sims

RPC/mr

**SUPERIOR OIL**

January 6, 1981

Michael T. Minder  
Geological Engineer  
Division of Oil, Gas & Mining  
1588 West North Temple  
Salt Lake City, Utah 84116

Attention: Barbara Hill

*drilling*

Re: Navajo Tribal #34-22  
1380' FNL, 1690' FWL  
Section 34, T41S, R25E, SLM  
San Juan County, Utah

Dear Mr. Minder:

In line with a telephone conversation with Barbara Hill of your office, this is to advise you that Superior Oil plans to drill the Navajo Tribal #34-22 (APD approved 2-5-80). Also with this letter, as advised by Barbara Hill, would keep the APD valid for the subject well.

Superior Oil no longer plans to drill the Navajo Tribal #32-41 (Sec. 32, T41S, R25E) because of unfavorable test results from wells drilled near #32-41. There are no surface damages on #32-41.

*location  
abandoned*

Sincerely yours,

SUPERIOR OIL COMPANY

*H. W. Haven*

H. W. Haven  
Production Geologist

HWH/1h

**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

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. See space 17 below.)  
AT SURFACE: 1690' FWL, 1380' FNL  
AT TOP PROD. INTERVAL: Same as surface  
AT TOTAL DEPTH: Same as surface

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) Request to keep APD valid.	<input type="checkbox"/>		<input type="checkbox"/>

5. LEASE  
N00-C-14-20-3002

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NAVAJO

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
NAVAJO TRIBAL

9. WELL NO.  
#34-22

10. FIELD OR WILDCAT NAME  
ROCKWELL SPRINGS FIELD

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SEC. 34, T41S, R25E

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

14. API NO.  
43-037-30428

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

(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.)\*

Superior plans to drill the subject well in the near future and requests that APD for this well be kept valid.

**RECEIVED**

JAN 9 1981

DIVISION OF  
OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED H. W. Haven TITLE Prod. Geologist DATE Jan 6, 1981

(This space for Federal or State office use)

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

Orig. + 3 - USGS, State - 2, C. D. Johnson, George Dalton, G. Bannantine, Navajo Tribe, Walter Duncan, Central File - Houston, Woodlands, Cortez



SCOTT M. MATHESON  
Governor



OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
Executive Director,  
NATURAL RESOURCES

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

CHARLES R. HENDERSON  
Chairman

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  
MAXILIAN A. FARBMAN  
EDWARD T. BECK  
E. STEELE McINTYRE

October 14, 1981

Superior Oil Company  
P. O. Drawer 'G'  
Cortez, CO 81321

Re: See Attached Sheet

Gentlemen:

In reference to the above mentioned wells, 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 these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify this office.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

*Terri Reid*  
TERRI REID  
CLERK TYPIST

Well No. Alkali Canyon Unit 18-33  
Sec. 18, T. 39S, R. 24E  
San Juan County, Utah

Well No. MCU #R-12  
Sec. 33, T. 40S, R. 25E  
San Juan County, Utah

Well No. MCU #N-22  
Sec. 17, T. 41S, R. 25E  
San Juan County, Utah

Well No. McElmo Creek Unit #P-22  
Sec. 17, T. 41S, R. 25E  
San Juan County, Utah

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

Well No. Navajo Tribal #34-33  
Sec. 34, T. 41S, R. 25E  
San Juan County, Utah

Well No. Yellow Rock Point #26-44  
Sec. 26, T. 42S, R. 25E  
San Juan County, Utah

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

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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) Discontinue APD.

SUBSEQUENT REPORT OF:

- 
- 
- 
- 
- 
- 
- 
- 

**RECEIVED**  
NOV 23 1982

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

DIVISION OF  
OIL, GAS & MINING

5. LEASE N00-C-14-20-3002	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME NAVAJO TRIBAL	
9. WELL NO. #34-22	
10. FIELD OR WILDCAT NAME ROCKWELL SPRINGS FIELD	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 34, T41S, R25E	
12. COUNTY OR PARISH SAN JUAN	13. STATE UTAH
14. API NO. 43-037-30428	
15. ELEVATIONS (SHOW DF, KDB, AND WD) 4482' Ungraded Ground Level	

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.)\*

Please drop subject well from the Application for Permit to Drill records and files.

Orig + 3 - MMS, State - 2, Navajo Tribe, Reg. Group, Joint Interest, Files

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED James S. Andres TITLE Petroleum Engineer DATE 11-12-82  
JAMES S. ANDRES

(This space for Federal or State office use)

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

**SUPERIOR OIL**

November 16, 1981

**RECEIVED**  
NOV 25 1981

**DIVISION OF  
OIL, GAS & MINING**

State of Utah  
Division of Oil, Gas & Mining  
1588 West North Temple  
Salt Lake City, Utah 84116

Dear Sir:

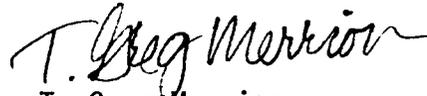
In reference to your letter dated October 14, 1981, our drilling plans for the following wells are as follows:

<u>Well</u>	<u>Intentions</u>
Alkali Canyon #18-33	May drill - still being evaluated.
MCU #R-12	Will Drill.
MCU #N-22	Drilled & completed.
MCU #P-22	Drilled & completed.
● Navajo Tribal #34-22	May drill - still being evaluated.
Navajo Tribal #34-33	Drilled - completing at present.
Yellow Rock Point #26-44	May drill - still being evaluated.

The necessary forms for the wells we are drilling or have completed have already been sent in or are on their way. You will be notified when we spud MCU #R-12.

Sincerely,

SUPERIOR OIL



T. Greg Merrion  
Petroleum Engineer

TGM/1h