

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS WELL LOG \_\_\_\_\_ ELECTRIC LOGS \_\_\_\_\_ FILE  WATER SANDS \_\_\_\_\_ LOCATION INSPECTED OIL SUB REPORT abd

DATE FILED 3-17-82

LAND FEE & PATENTED \_\_\_\_\_ STATE LEASE NO \_\_\_\_\_ PUBLIC LEASE NO \_\_\_\_\_ INDIAN 14-20-5185

DRILLING APPROVED 4-2-82

SPUDDED IN \_\_\_\_\_

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

INITIAL PRODUCTION \_\_\_\_\_

GRAVITY API \_\_\_\_\_

GOR \_\_\_\_\_

PRODUCING ZONES \_\_\_\_\_

TOTAL DEPTH \_\_\_\_\_

WELL ELEVATION \_\_\_\_\_

DATE ABANDONED 2.3.84 1A application rescinded

FIELD WILDCAT 3/86 Rockwell Flat

UNIT \_\_\_\_\_

COUNTY SAN JUAN

WELL NO EAST ANETH #29-11

API NO. 43-037-30774

LOCATION 435 FT FROM (N)  LINE 985 FT FROM  (W) LINE NW NW 1 4 - 1 4 SEC. 29

TWP	RGE	SEC	OPERATOR

TWP	RGE	SEC.	OPERATOR

41S	26E	29	SUPERIOR OIL CO,
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**SUPERIOR OIL**

March 17, 1982

Mr. Mike Minder  
Petroleum Engineer  
Division of Oil, Gas & Mining  
1588 West North Temple  
Salt Lake City, Utah 84116

Re: East Aneth #29-11  
435' FNL, 985' FWL  
Section 29, T41S, R26E, SLM  
San Juan County, Utah

Dear Mr. Minder:

Enclosed is Superior Oil's Application for Permit to Drill the above referenced well. This well is staked on an unorthodox location, being less than 500' from a lease line. This is necessary due to geologic conditions. Superior owns all oil and gas mineral rights in Section 29.

Very truly yours,

SUPERIOR OIL COMPANY

*C.L. Hill by W. H. Edwards*  
C. L. Hill

TGM/1h

**RECEIVED**

MAR 20 1982

**DIVISION OF  
OIL, GAS & MINING**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

4

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 435' FNL, 985' FWL of Section 29  
 At proposed prod. zone Same *NWW*

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

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 435'

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 3250'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5158.1 Ungraded G. L.

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
18"	13-3/8"	48#, H-40	100'	Redi-mix to surface
12-1/4"	8-5/8"	24#, K-55	2075'	1300 sx
7-7/8"	5-1/2"	15.5#, K-55	6200'	250 sx

5. LEASE DESIGNATION AND SERIAL NO.  
 N00-14-20-5185

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 NAVAJO

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 EAST ANETH

9. WELL NO.  
 #29-11

10. FIELD AND POOL, OR WILDCAT  
 EAST ANETH *Wildcat*

11. SEC. T. R. M. OR BLK. AND SURVEY OR AREA  
 SEC 29, T4S, R26E, SLM

12. COUNTY OR PARISH  
 SAN JUAN

13. STATE  
 UTAH

22. APPROX. DATE WORK WILL START\*  
 April 15, 1982

1. Drill 18" hole to 100'. Run 100' of 13-3/8", 48#, H-40, ST&C conductor casing and cement to surface w/ Redi-mix.
2. Drill 12-1/4" hole to 2075'. Run 2075' of 8-5/8", 24#, K-55, ST&C Surface casing and cement to surface w/ 1300 sx Class "B" cmt.
3. Drill 7-7/8" hole to 6200' (or into Chimney Rock Shale).
4. Log well w/ DIL-GR, FDC-CNL & BHC Sonic from TD to 2075'.
5. Run 6200' 5-1/2", 15.5#, K-55, ST&C production casing and cement w/ 250 sx Class "B".
6. Complete well in the Ismay and/or Stimulate as necessary.

APPROVED BY THE STATE  
 OF UTAH DIVISION OF  
 OIL, GAS, AND MINING  
 DATE: 4/2/82  
 BY: [Signature]

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

24. SIGNED T. Greg Merrion TITLE Petroleum Engineer DATE 3/17/82

(This space for Federal or State office use)

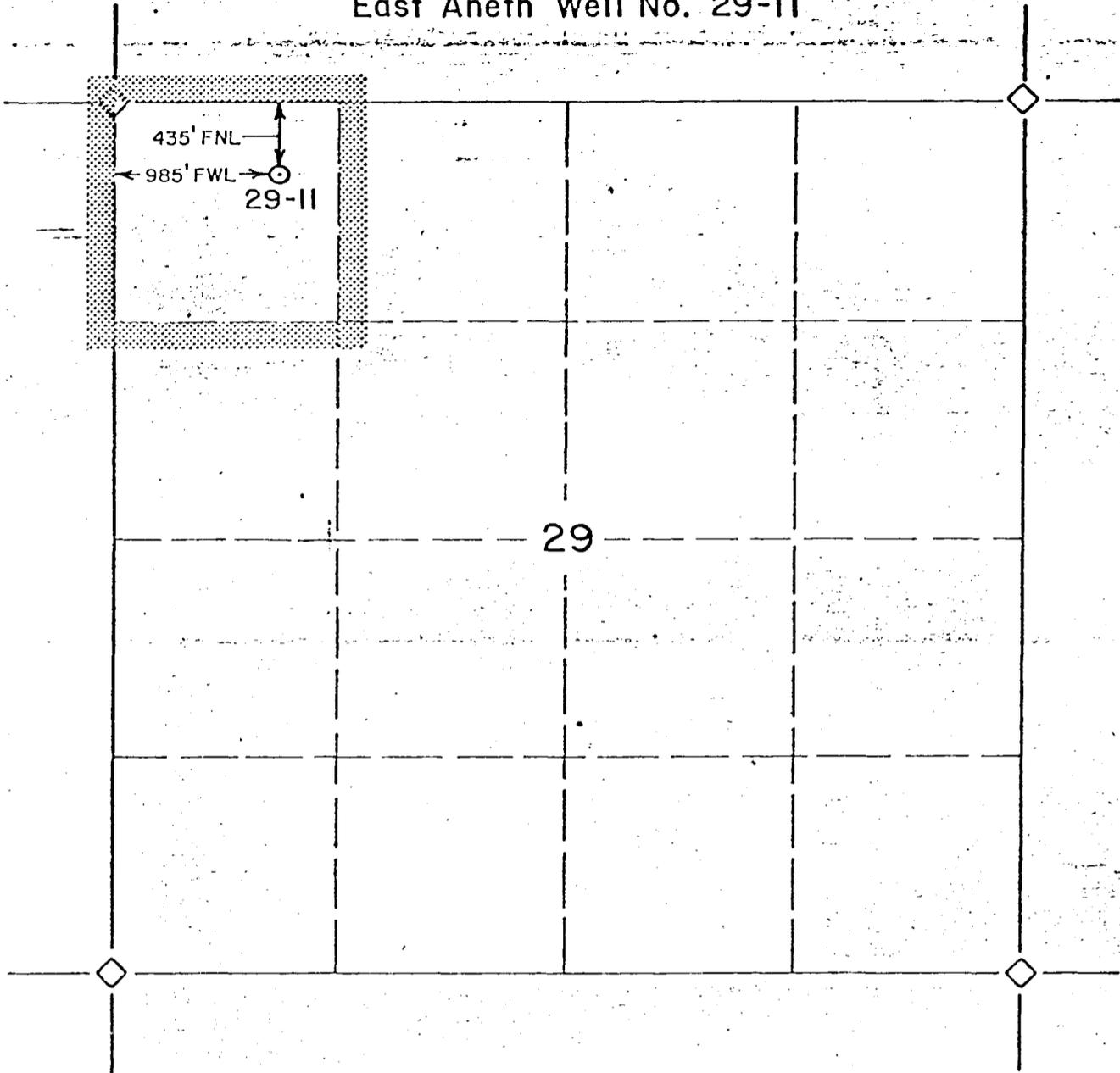
PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

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

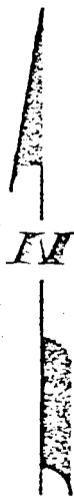
CONDITIONS OF APPROVAL, IF ANY:

THE SUPERIOR OIL CO.  
OPERATOR

East Aneth Well No. 29-II



NW/NW SECTION 29, T. 41 S. - R. 26 E.



- ⊙ Location
- Well
- ♀ Injector

Scale: 1" = 1000'



*W. H. Dwyer*

# **SUPERIOR OIL**

March 16, 1982

Mr. James Sims  
District Engineer  
Minerals Management  
P. O. Box 600  
Farmington, New Mexico 87401

Re: Surface Use & Operations Plan  
Proposed Well  
East Aneth #29-11  
435' FNL, 985' FWL  
Section 29, T41S, R26E, SLM  
San Juan County, Utah

Dear Mr. Sims:

The "Surface Use & Operations Plan" (as per NTL-6 requirements) for the proposed East Aneth #29-11 is as follows:

1. The existing roads are shown on the "Proposed Drilling Site and Facilities" plat.
2. No new access road will be required. The existing unimproved road will require improvements to provide a 20' wide travel surface. No major cuts or fills are anticipated.
3. The location and status of wells in the vicinity are shown on the attached "Proposed Drilling Site and Facilities" plat.
4. The location of any production facilities, flowlines and lateral roads in the vicinity are shown on the attached "Proposed Drilling Site and Facilities" plat. A 2" flowline will run 200' to a new tank battery. The area of the battery, where the oil, gas and water will be separated, is approximately 100' X 300'. If the new production facilities are required, a detailed building plan will be submitted.
5. Water for drilling operations will be trucked to location from Superior's fresh water wells near 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 road for the purpose of hauling materials will be necessary.
7. Waste materials will be collected in earth pits 6'-8' deep with steep sides. 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.

# SUPERIOR OIL

8. No ancillary facilities will be constructed.
9. The location and position of drilling equipment is shown on an attached plat. Included in this plat is a cross section diagram showing cuts and fills that are necessary for drilling pad construction. The drilling pad will be located approximately at ground level. Materials at the location will be used for pad elevation.
10. Upon completion of operations, the site will be restored according to BIA requirements.
11. Surface land is owned by the Navajo Tribe and is used primarily for grazing. A mixed shrub/grassland vegetation characterizes the area. The flora in the area includes shadscale, snakeweed, wolfberry, alkali sacaton grass, and occasional prickly pear cactus. There are no Indian habitations or artifacts in the immediate vicinity of the access road, flowline or drillsite.

Very truly yours,

SUPERIOR OIL COMPANY



T. Greg Merrion  
Petroleum Engineer

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 conditons 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.

March 22 - 82  
Date

Ch. Hill by W. H. H. H. H. H.  
Charles L. Hill  
Area Production Superintendent

SUPPLEMENT TO FORM 9-331-C

WELL: East Aneth #29-11  
East Aneth Field  
San Juan County, Utah  
435' FNL, 985' FWL of Section 29, T41S, R26E, SLM

ELEVATION: 5158.1' Ungraded Ground Level

SURFACE FORMATION: Dakota

ESTIMATED FORMATION TOPS: (Measured from KB level at 5173')

Chinle	2025'
DeChelly	3080'
Organ Rock	3230'
Hermosa	5000'
Ismay	5880'
Lower Ismay	5980'
Gothic Shale	6025'
Desert Creek	6080'
Chimney Rock	6180'
TD	6200'

WATER BEARING FORMATION: Water is expected to be encountered intermittently from 300' to 2025'.

HYDROCARBON BEARING FORMATION: Oil & gas could be encountered in the Ismay (5880' - 6025'), and the Desert Creek (6080' - 6180').

MUD PROGRAM: Surface to 2800' - fresh water based mud.  
2800' to 6200' - lignosulfonate or similar mud system. Water loss controlled to 15 cc or less and weighted with Barite as necessary.

CASING PROGRAM: Conductor - 13-3/8", 48#, H-40, ST&C new casing set to 100'.  
Surface - 8-5/8", 24#, K-55, ST&C new casing set to 2075'.  
Production - 5-1/2", 15.5#, K-55, ST&C new casing set to 6200'.

(2)

**CEMENT PROGRAM:** Conductor - Cement to surface w/ Redi-mix.  
Surface - Cement to surface w/ 1300 sx C1 "B".  
Production - Cement w/ 250 sx Class "B".

**LOGGING PROGRAM:** TD to 2075': DIL-GR, FDC-CNL, BHC Sonic

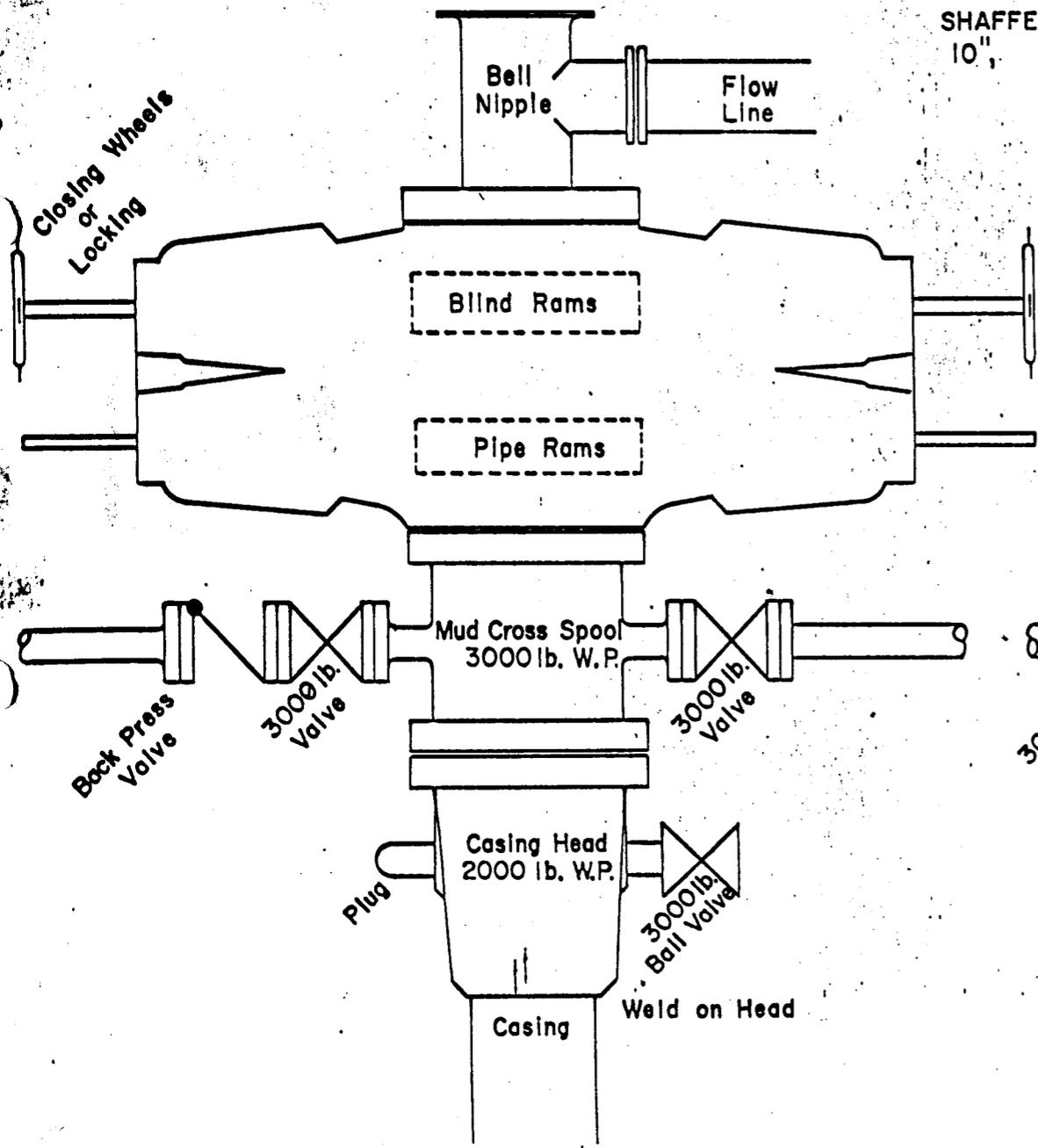
**DRILL STEM TESTS:** None.

**CORING:** None.

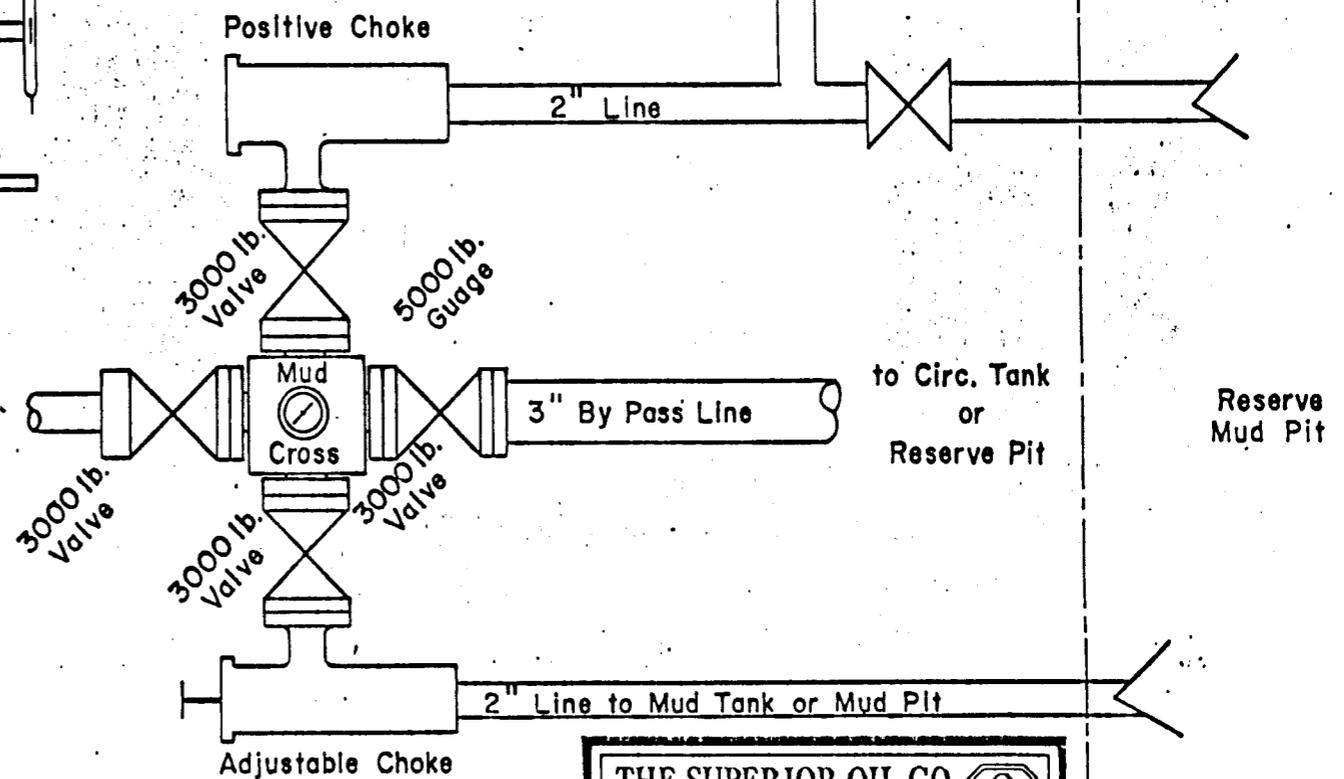
**PRESSURE CONTROLS:** Blowout preventer equipment will be 10" Series 600 with blind rams and drill pipe rams hydraulically and manually controlled. The blind rams will be tested daily. The schematic of the pressure control equipment can be seen on the attached diagram. The mud system will be monitored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

**ANTICIPATED STARTING DATE:** April 15, 1982.

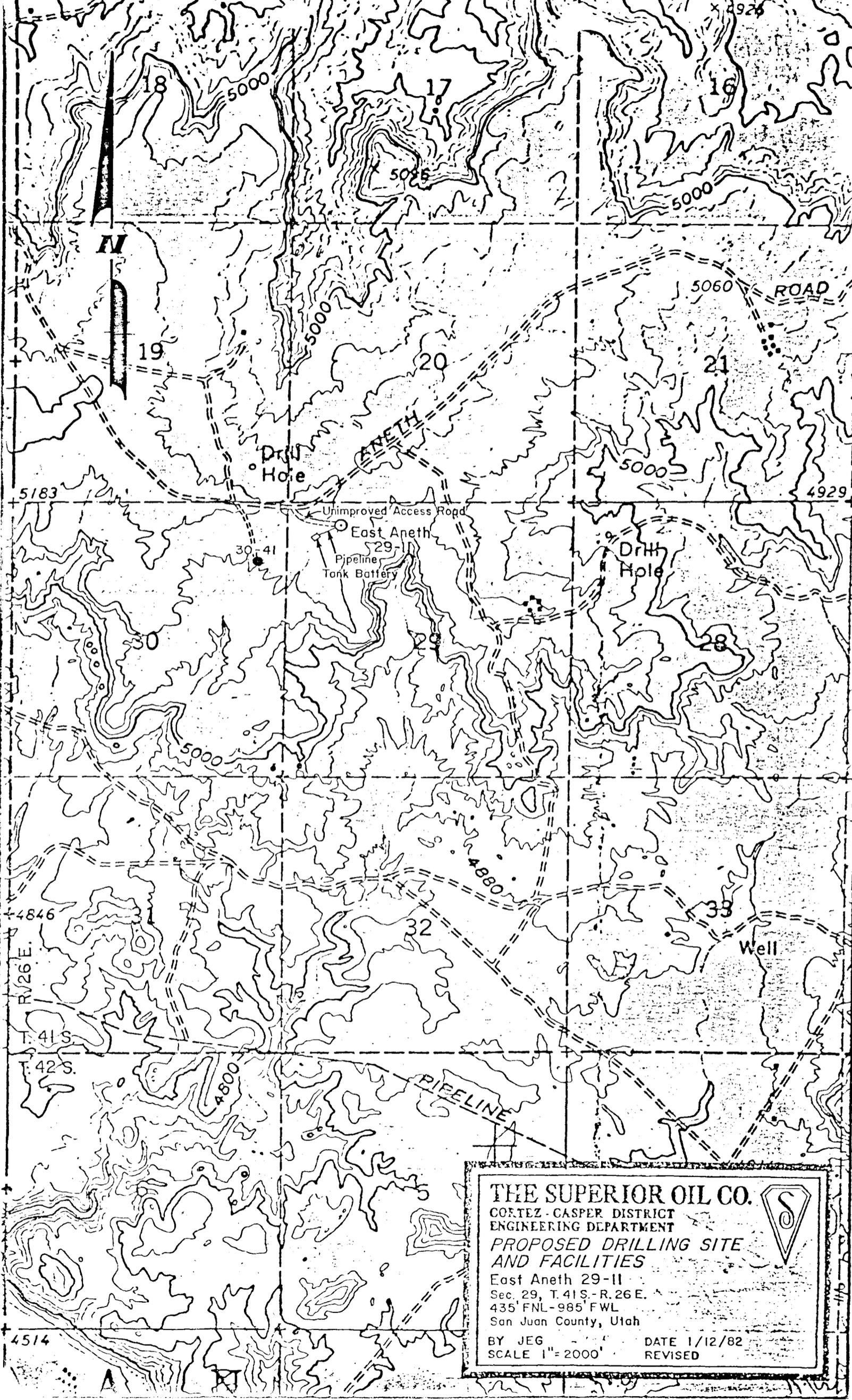
TGM/1h



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



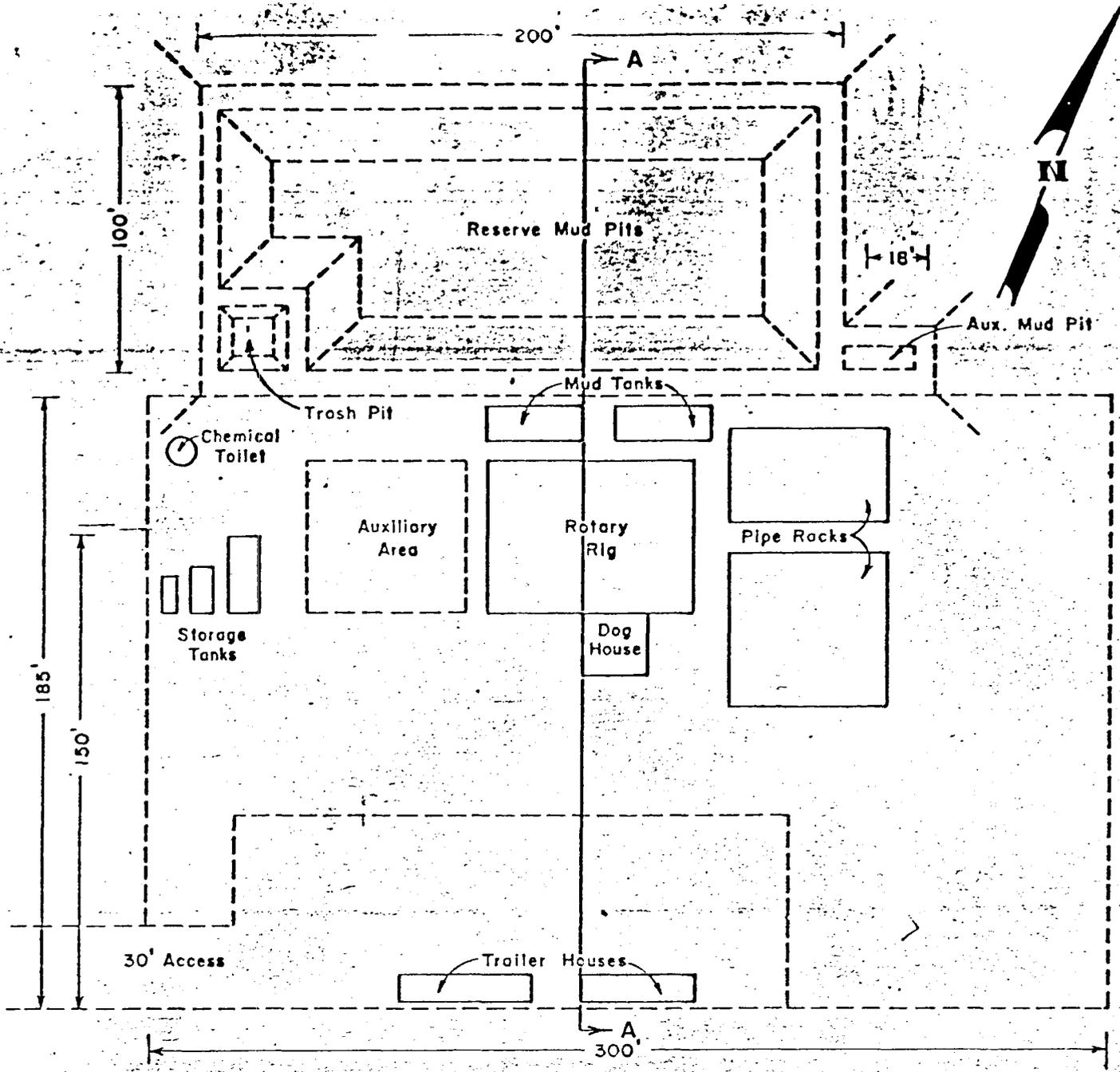
**THE SUPERIOR OIL CO.**  
 CORTEZ-CASPER DISTRICT  
 ENGINEERING DEPARTMENT  
**SCHEMATIC DIAGRAM  
 OF PRESSURE CONTROL  
 EQUIPMENT**  
 BY JEG      DATE 6/25/79  
 SCALE NONE      REVISED



**THE SUPERIOR OIL CO.**  
CORTEZ - CASPER DISTRICT  
ENGINEERING DEPARTMENT  
*PROPOSED DRILLING SITE  
AND FACILITIES*  
East Aneth 29-II  
Sec. 29, T. 41 S. - R. 26 E.  
435' FNL - 985' FWL  
San Juan County, Utah

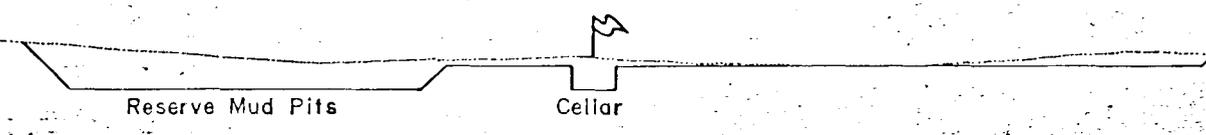
BY JEG      DATE 1/12/82  
SCALE 1" = 2000'      REVISED





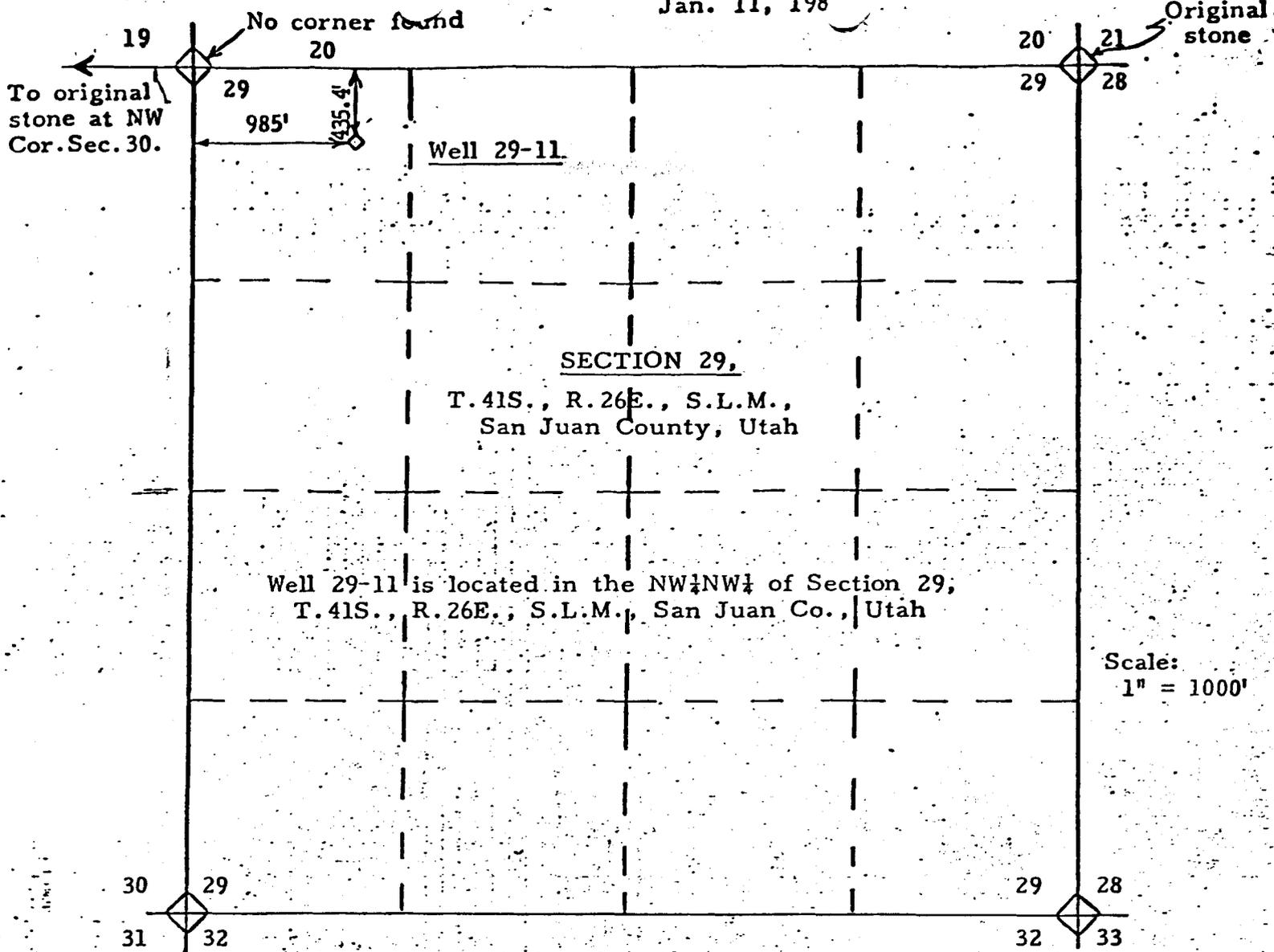
*The Drilling Pad will be graded and compacted, and composed of native materials.*

PROPOSED WELL SITE  
 EAST ANETH No. 29-11  
 Original Elev. 5158.10

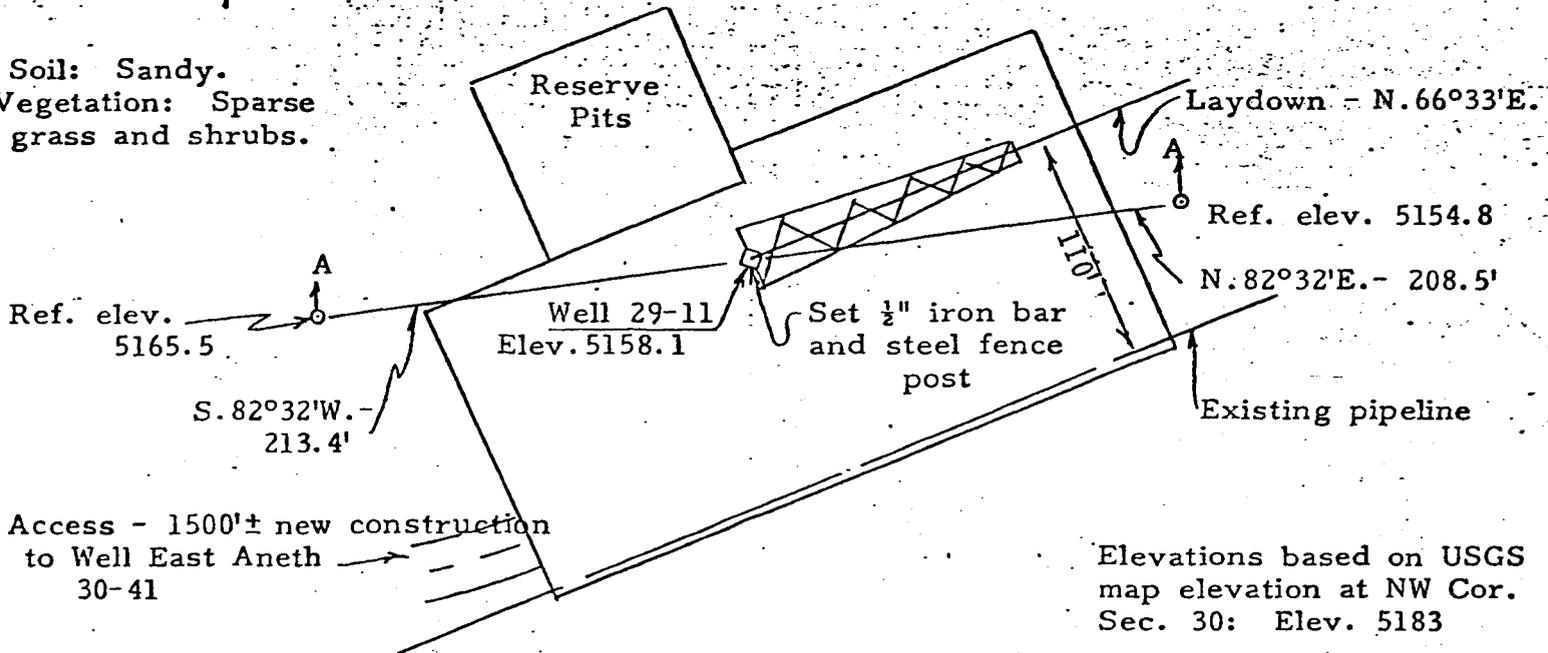


Original Contour   
 Reference Point   
 Graded Proposal 

THE SUPERIOR OIL CO.		
CORTES - CANYON DISTRICT ENGINEERING DEPARTMENT		
RIG LAYOUT & DRILL PAD CROSS SECTION		
East Aneth Well No. 29-11		
Sec. 29, T. 41 S. - R. 26 E.		
San Juan County, Utah		
BY JEG	DATE 1/12/82	
SCALE 1" = 80'	REVISED	



Soil: Sandy.  
 Vegetation: Sparse grass and shrubs.



5160  
 5150

Well 29-11 - elev. 5158.1

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  
 Utah Reg. No. 4346

Bearing by  
 Solar  
 observation



THOMAS Engineering Inc.

215 N. Linden  
 Cortez, Colorado  
 565-4496

\*\* FILE NOTATIONS \*\*

DATE: 4-1-82

OPERATOR: Superior Oil Company

WELL NO: East Smith #29-11

Location: Sec. 29 T. 41S R. 26E County: Sage

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number <sup>037-</sup> 43-043-30774

CHECKED BY:

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

Director: O.K. as per rule C-3(c)

Administrative Aide: O.K. as per rule C-3e1, has topo letter in file.

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

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

O.K. Rule C-3

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

Lease Designation 2nd.

Plotted on Map

Approval Letter Written

Hot Line

P.I.

April 5, 1982

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

RE: Well No. East Aneth #39-11  
Sec. 29, T. 41 S, R. 26 E  
San Juan County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well on said unorthodox location is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

CLEON B. FEIGHT - DIRECTOR  
Office: 533-5771  
Home: 466-4455

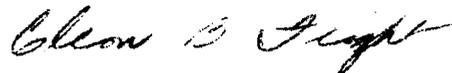
Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-037-30774.

Sincerely,

DIVISION OF OIL, GAS AND MINING



Cleon B. Feight  
Director

CBF/as  
Enclosure  
cc: Minerals Management Service



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

March 21, 1983

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

Re: Well No. East Aneth # 39-11  
Sec. 29, T. 41S, R. 26E.  
San Juan County, Utah

Well No. East Aneth # 30-43  
Sec. 30, T. 41S, R. 26E.  
San Juan County, Utah

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 these locations at a later date, please notify as such.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a firm second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

A handwritten signature in cursive script that reads "Cari Furse".

Cari Furse  
Well Records Specialist

CF/cf

**SUPERIOR OIL**

March 24, 1983

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

Re: East Aneth #28-32  
Sec. 28, T41S, R26E  
San Juan County, Utah

East Aneth #29-11  
Sec. 29, T41S, R26E  
San Juan County, Utah

East Aneth #30-43  
Sec. 30, T41S, R26E  
San Juan County, Utah

Gentlemen:

The subject wells have not been spudded as of this date. Superior Oil is presently in litigation with the Navajo Tribe and grazing rights holders over the lease rights in Sections 28, 29 & 30; therefore no activity-siesmic, drilling or otherwise is presently underway. It is requested that your approval of the "Application for Permit to Drill" be extended until the above mentioned situation is resolved and drilling activity can resume.

Respectfully,

SUPERIOR OIL COMPANY



T. Greg Merrion  
Production Engineer

TGM/1h

**SUPERIOR** 

*Handwritten:* 1000, 1000, 1000  
*Handwritten:* D. J. [unclear]  
*Handwritten:* C. [unclear]  
**Stamp:** OCT 17 1983

**DIVISION OF  
OIL, GAS & MINING**

October 13, 1983

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

RE: Distribution of Oil & Gas  
Lease Sale Notices

Gentlemen:

Please consider this letter as our official notice of address change, effective November 1, 1983 and our request that Superior Oil be maintained on your mailing list to receive notices regarding any forthcoming sales of oil and gas leases on lands administered by you.

We will appreciate your sending notices to the following address:

The Superior Oil Company  
600 17th Street  
Suite 1500  
Denver, Colorado 80202  
ATTN: Land Department

Thank you very much.

Very truly yours,

THE SUPERIOR OIL COMPANY

*Handwritten signature:* Jed W. Lemmons/cbb

Jed W. Lemmons  
Division Land Manager

JWL/cbb



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 3, 1984

Superior Oil Company  
600 17th Street  
Suite 1500  
Denver, Colorado 80202

RE: Well No. East Aneth #29-11  
API #43-037-30774  
435' FNL, 985' FWL NW/NW  
Sec. 29, T. 41S, R. 26E.  
San Juan County, Utah

Gentlemen:

Due to excessive time delay in commencing drilling operations, approval to drill the subject well is hereby rescinded effective one calendar month from the date of this notice.

A new Application for Permit to Drill must be filed with this office for approval, prior to future drilling of the subject location.

Respectfully,

A handwritten signature in cursive script, appearing to read "Norman C. Stout".

Norman C. Stout  
Administrative Assistant

NCS/cj