

30-039-21078

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

Skelly Oil Company

3. ADDRESS OF OPERATOR

Rm 208 Goodstein Bldg., 330 So. Center, Casper, WY 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

790' FSL & 790' FEL Sec. 23 - T24N-R6W

At proposed prod. zone (C SE/4 SE/4)

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

11 miles N Counselor, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

790'

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

6860'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6713' GR

22. APPROX. DATE WORK WILL START*

April 12, 1975

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4" OD	8 5/8" OD	24#	350'	250 sks.
7 7/8" OD	4 1/2" OD	11.6 #	6860'	1100sks.

We propose to drill the captioned location to test the Dakota. Approximately 350' of 8 5/8" OD surface casing will be set and cemented from top to bottom. If a completion is attempted, 4 1/2" OD casing will be set at approximately 6860' with DV tool set in the Pictured Cliff formation at approximately 3000' with 380 sks. Mud program

Depth	Weight	Vis.	Fluid Loss
350' - 5499'	8.8 - 8.9	30 - 31	8.0 - 9.0 cc
5499' - 6860'	8.9 - 9.1	31 - 45	9.0 - 7.0 cc

On drilling out below surface, we propose to use a double gate blow out preventer, equipped with drill pipe rams and blind gate rams, all rated at 3000 psi working pressure, 6000 psig test pressure, with check valve (3000/VP) at BOP drill pipe fill inlet and two Kelly cock valves, one for Kelly and one for standby-by for drill pipe.

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

TITLE Area Superintendent

DATE April 1, 1975

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

APR 8 1975

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

U. S. GEOLOGICAL SURVEY
DENVER, COLO.

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the section.

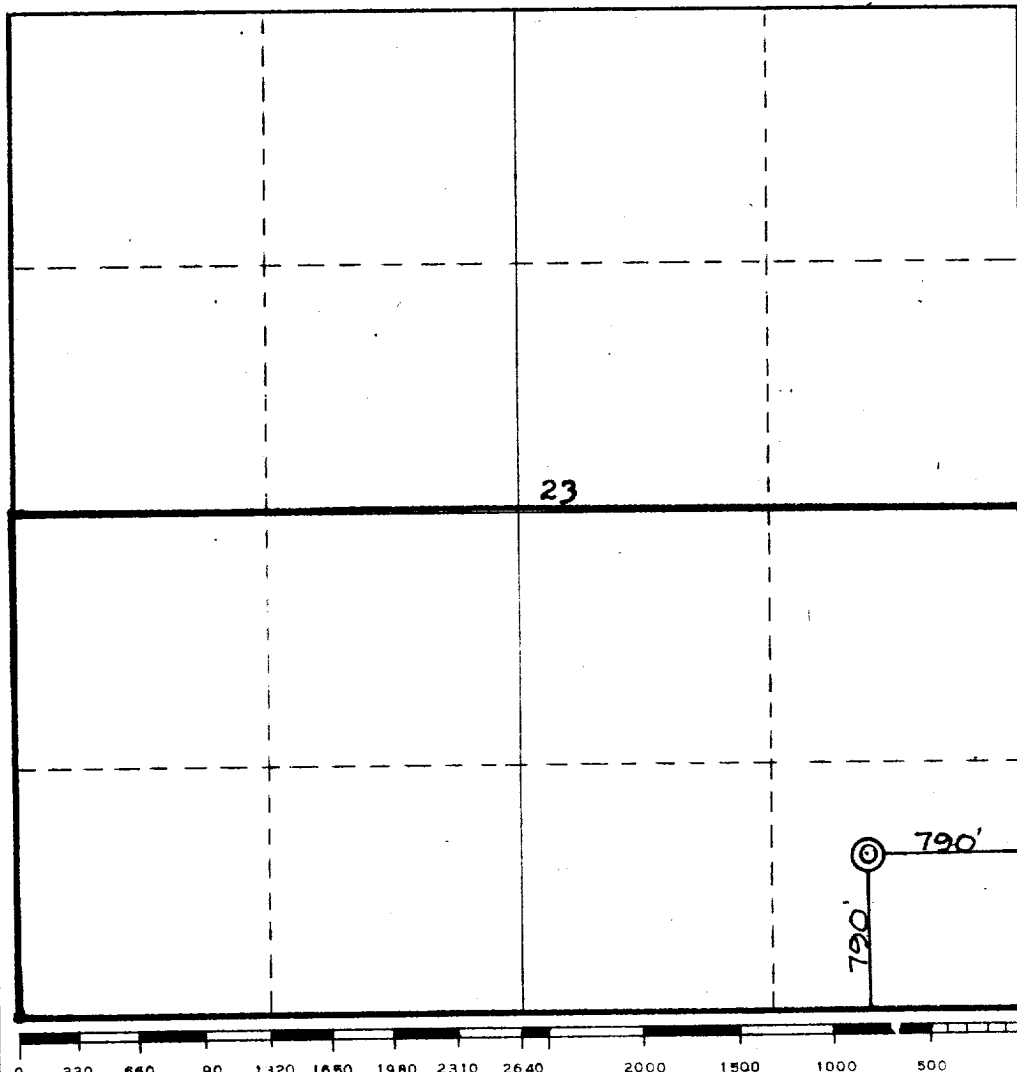
Operator SKELLY OIL COMPANY			Lease MEXICO "Q"		Well No. 1
Unit Letter P	Section 23	Township 24 NORTH	Range 6 WEST	County RIO ARriba	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 790 feet from the SOUTH line and 790 feet from the EAST line </div>					
Ground Level Elev. 6713	Producing Formation Dakota	Pool Basin	Dedicated Acreage: 320 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name

Roy J. McWhirter

Position

Area Supt.

Company

Skelly Oil Co.

Date

4-1-75

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

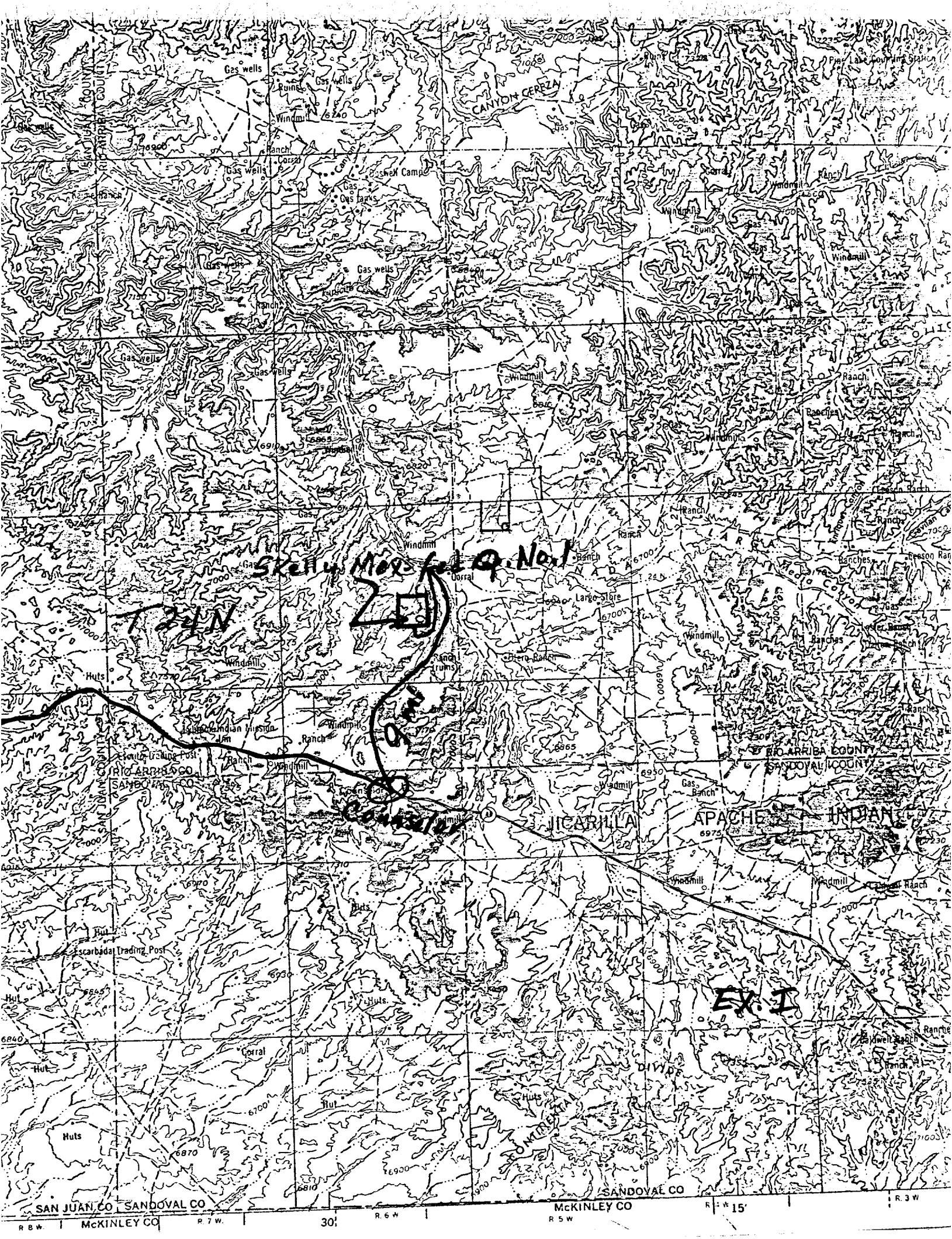
29 January 1975

Registered Professional Engineer and/or Land Surveyor

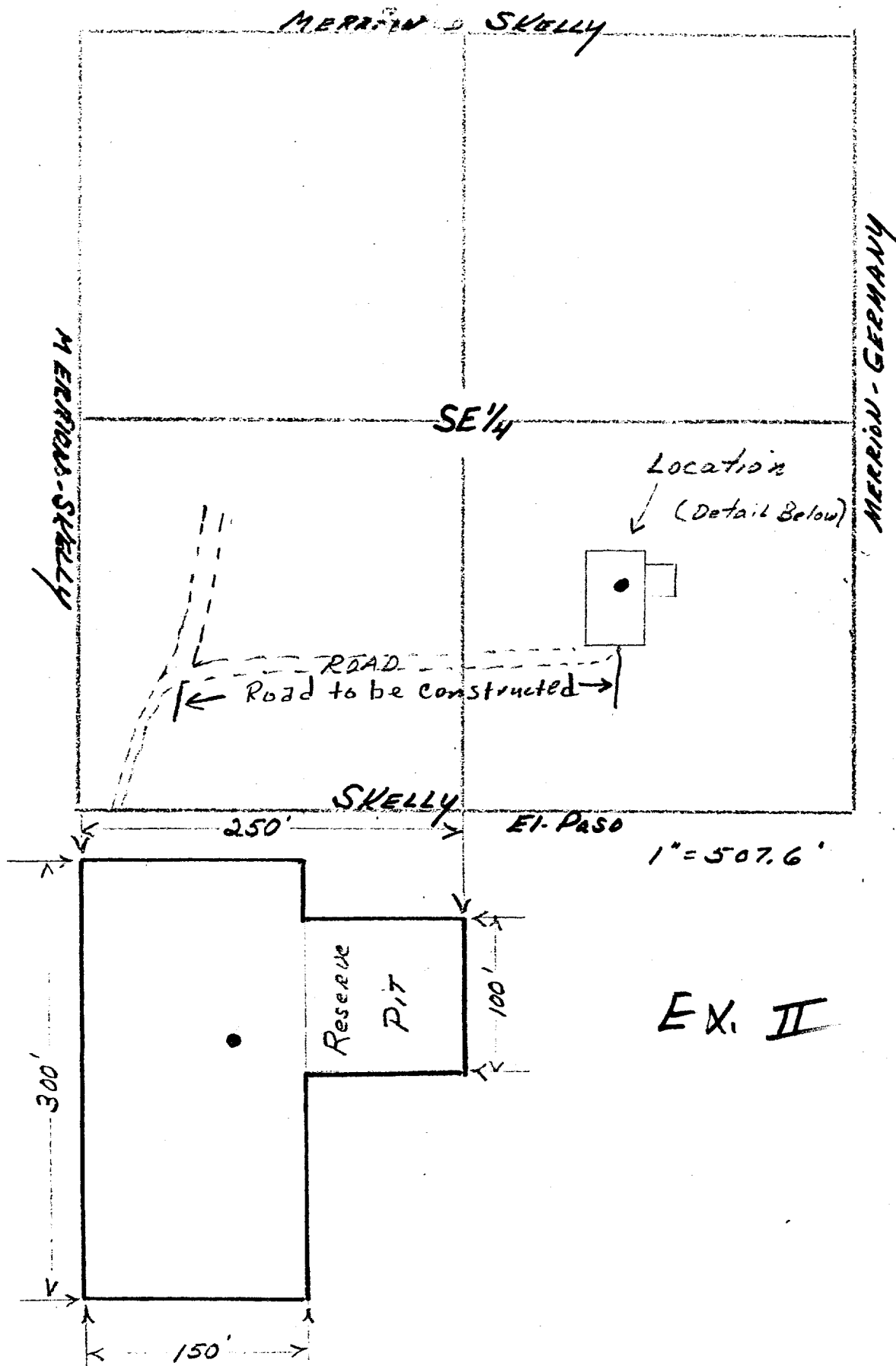
James P. Lease

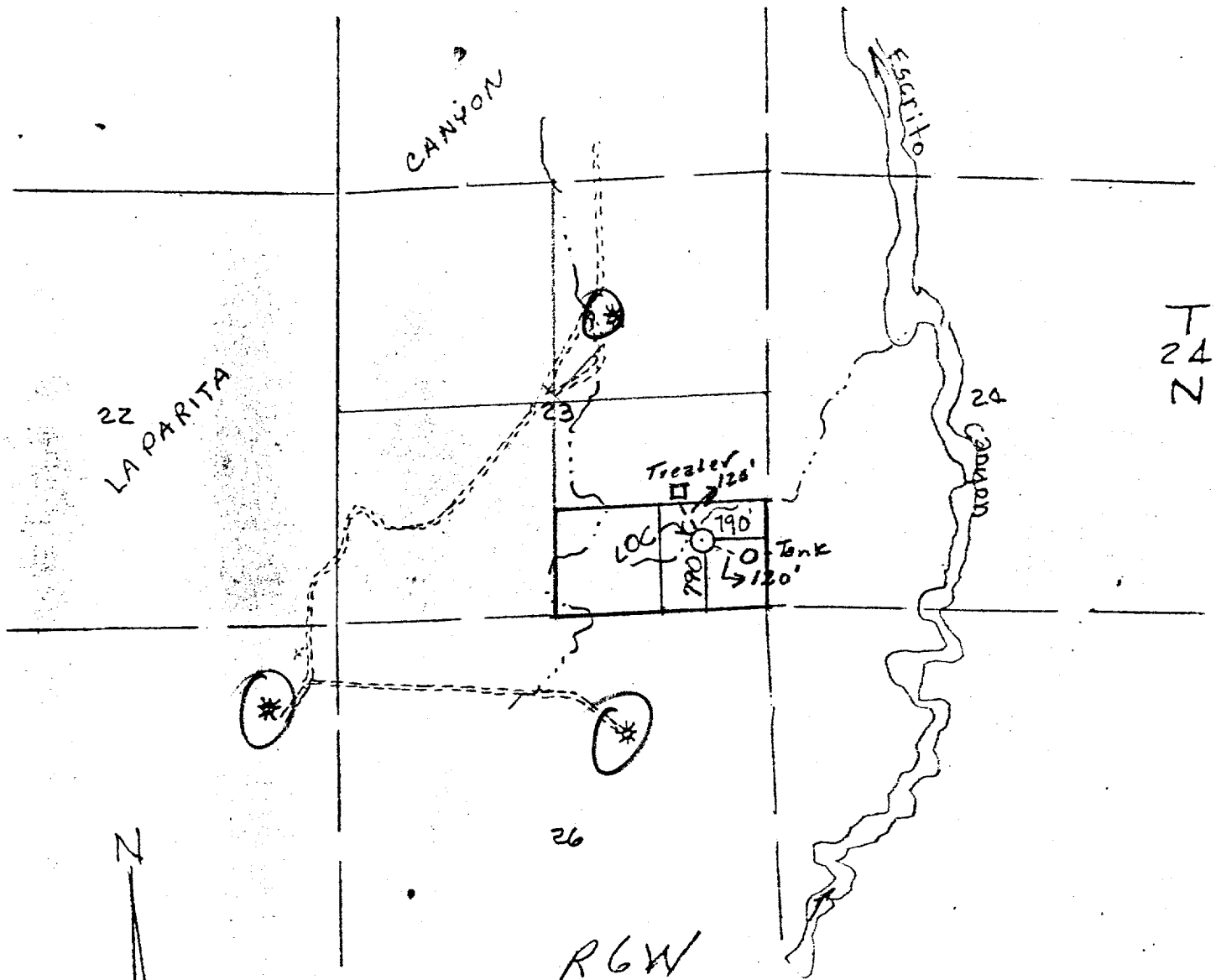
Certificate No.

1463



MEXICO - FED. 4 LOCATION DETAIL
SE 1/4 SEC. 23, 24N, 6W, RIO ARRIBA Co., NEW MEXICO





EX. III & IV

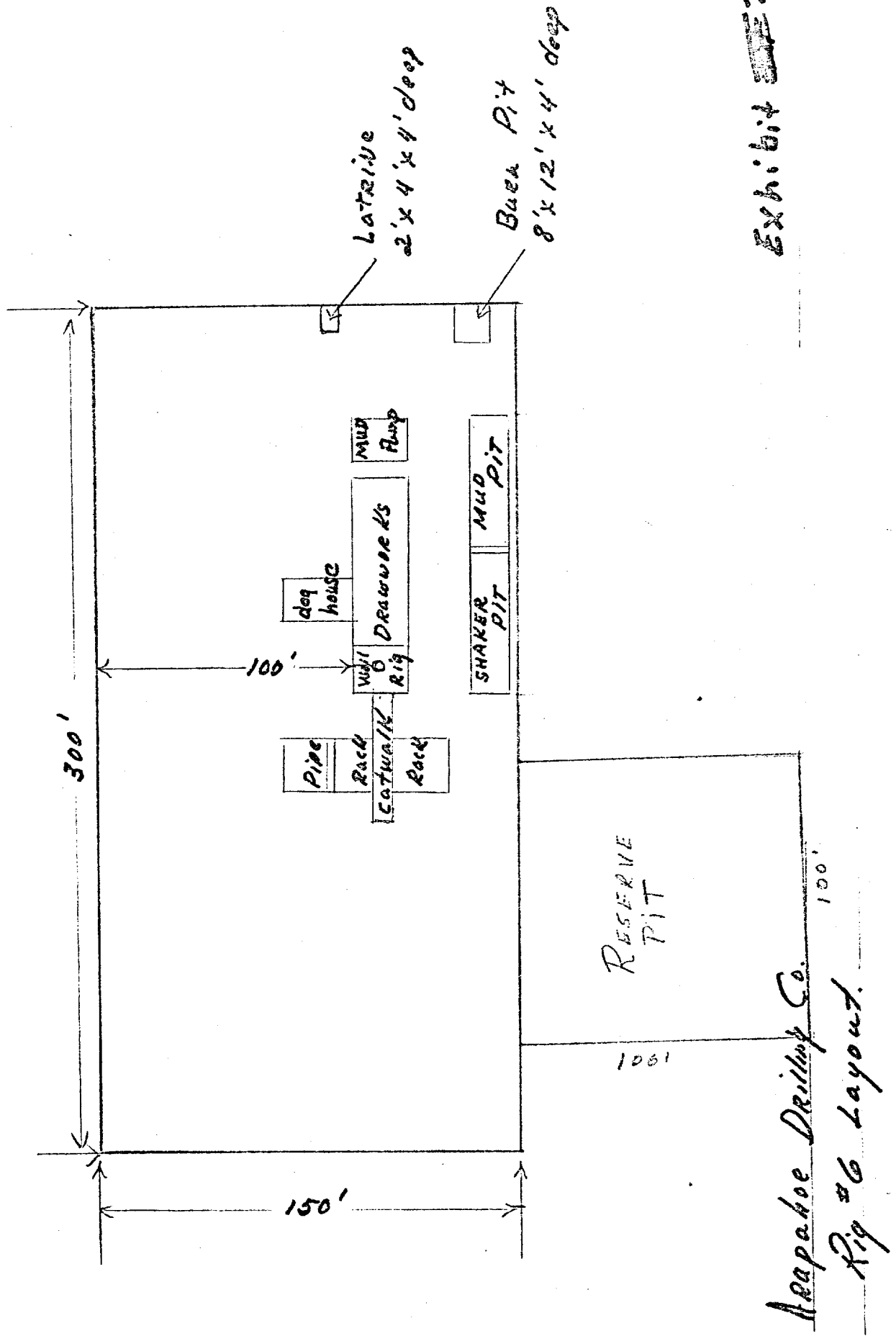
VICINITY MAP FOR
SKELLY OIL COMPANY
showing

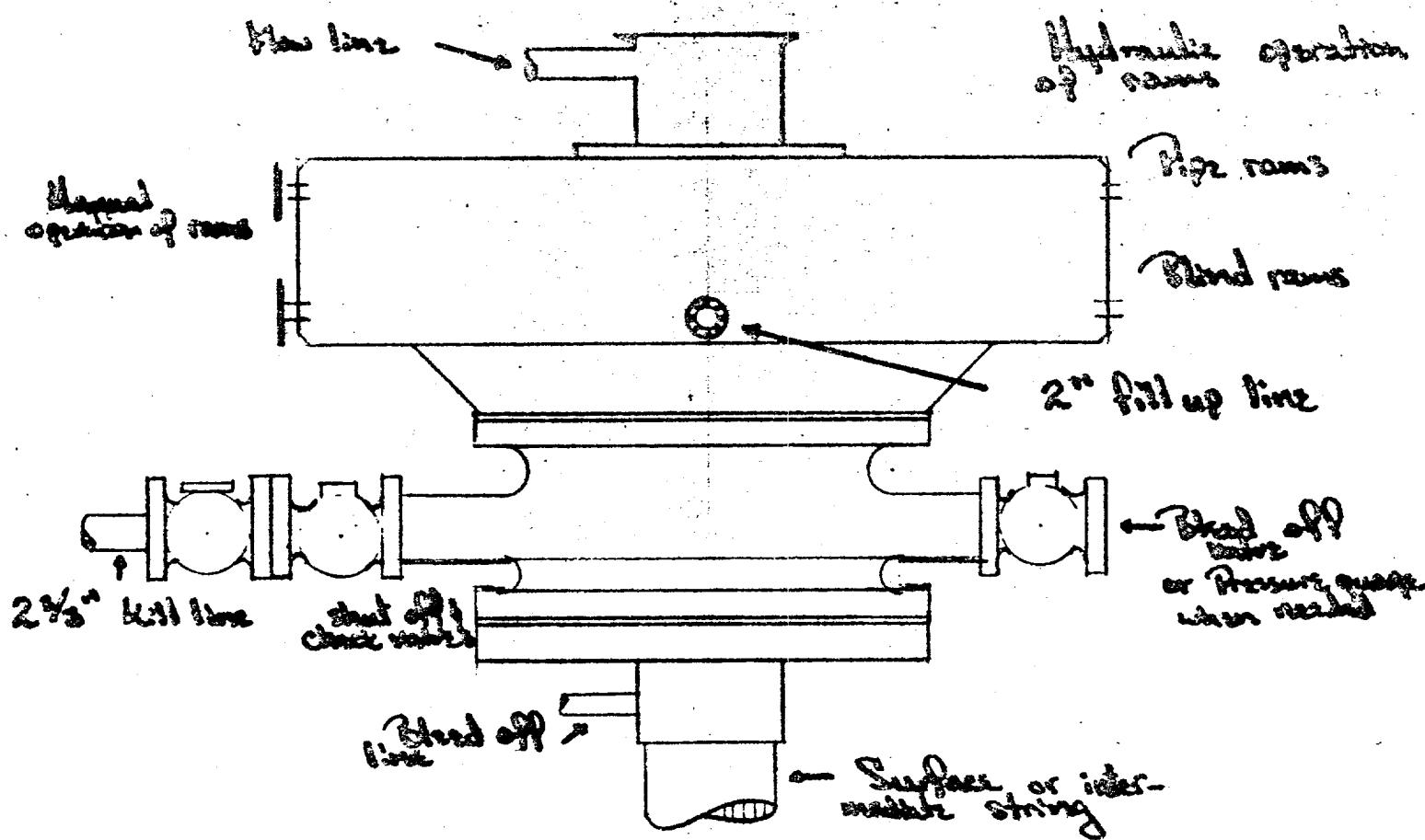
Well location in SE 1/4 of Sec. 23,
T24N, R6W, N.M.P.M., Rio Arriba
County, New Mexico

scale: 1" = 2000' Date: 1-30-1975

San Juan Engineering Company

Farmington, New Mexico





10" 900 series
Ryder - Shaffer
Blowout Preventer

Blowout Preventer on
Rig #6 5/28/74



SKELLY OIL COMPANY

Casper, Wyoming

March 31, 1975

Re: Mexico Federal "Q" Well #1
Sec. 23 - T24N-R6W
Rio Arriba County, NM

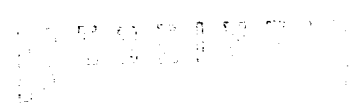
United States Geological Survey
P. O. Box 1809
Durango, CO 81301



Gentlemen:

The following is a development plan for surface use in the drilling of Mexico Federal "Q" Well #1. Also attached is an application to drill the well.
(Form 9-331c)

1. Existing Roads: Highway #44 south of Bloomfield, NM, 55 miles to Counselor, turn left 9 miles to Y in road, turn left 1/4 mile to well with pump unit, turn left 1/4 mile to 1st road to left-hence 1/2 mile, turn right and climb Mesa 1/4 mile to first road to left, turn left to location. (See Attached Map EX. I)
2. Planned Access Road: Approximately 1000' across flat land to be constructed. (See Attached Plat Ex. II)
3. Location of Wells: (See Attached Plat Ex. III)
4. Lateral Roads: There will be no roads other than indicated in item 2 above.
5. Tank Batteries & Flowlines: If the well is a producer, we plan to set 1-300 bbl tank and a three phase separator. (See Attached Plat Ex. IV)
6. Water Supply: Water source will be a water hole in the Largo Wash approximately 4 miles NE of the well location.
7. Methods for Handling Waste Disposal: A reserve pit of adequate size will be used to handle waste and water disposal.
8. Location of Camps: None
9. Location of Airstrips: None



APR 8 1975

U. S. GEOLOGICAL SURVEY
DURANGO, CO

SW

10. Location Layout: (See Attached Plat Ex. V)

11. Surface Restoration: All trash will be disposed of, mud pits will be filled with soil, and entire location will be leveled and seeded as necessary to restore land as near as possible to its original condition.

12. Additional Information: Terrain at the well site is on top of flat mesa with Sagebrush cover. There are no streams or ponds in the immediate area. The entire drilling operations, including move-in and move-out of drilling equipment, will require approximately 25 days.

Operations will be conducted so as to have no adverse effects on the environment. No salt water, mud, chemicals, or other pollutant will be permitted to drain from the well site area which will consist of approximately 2 acres surrounding the well location.


Roy J. McWhirter
Area Superintendent