

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-20554

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

Pubco Petroleum Corporation

3. ADDRESS OF OPERATOR

P. O. Box 869, Albuquerque, New Mexico 87103

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

At surface

790' FSL & 790' FWL of Section 21-26N-6W

At proposed prod. zone

Same as above

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

18 miles southeast of Blanco

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drilg. unit line, if any)

790'

16. NO. OF ACRES IN LEASE

2560'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

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

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19. PROPOSED DEPTH

4100'

20. ROTARY OR CABLE TOOLS

Rotary

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

6682' GL

22. APPROX. DATE WORK WILL START*

September 1, 1972

23.

PROPOSED CASING AND CEMENTING PROGRAM

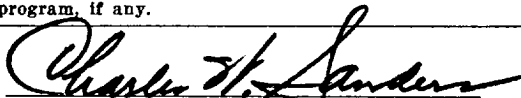
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	7-5/8"	24#	130' ±	100 sxs.
6-3/4"	3-1/2"	7.7#	4100' +	425 sxs.

1. Drill 12" or 12-1/4" hole, set 7-5/8" (or larger) casing at 130'±, cement to surface with approx. 100 sxs. Class "A" with 2% Calcium Chloride. WOC 18 hrs., test casing to 1000 psi for 30".
2. Drill 6-3/4" hole to approx. 4100', run Gammaray-Density Log and Induction Electric Log.
3. Run approx. 4100' of 3-1/2", 7.7#, H-40 casing, cement with 325 sxs. of 65-35 poz. 10% Gel, plus 100 sxs. Class "C" neat.
4. Pressure test casing to 3500 psi, WOC 48⁺ hours.
5. Perforate pay sands, fracture with 30,000-50,000 gals. Sand-water frac as need is indicated.
6. Run 1-1/4" unloader tubing string; flow to clean up; potential test.
7. Pipe rams will be tested each tour; blind rams each trip.

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 W. Sanders

TITLE Area Production Manager

DATE August 15, 1972

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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 PUBCO PETROLEUM CO.		Lease SCOTT FEDERAL		Well No. 5	
Unit Letter M	Section 21	Township 26 N	Range 6 W	County RIO ARriba	
Actual Footage Location of Well: 790 feet from the south line and 790 feet from the west line					
Ground Level Elev. 6632	Producing Formation Chacra		Pool Otero	Dedicated Acreage: SW$\frac{1}{4}$ (160) 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 NA

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

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.

Charles W. Sanders

Name

Charles W. Sanders

Position

Area Production Manager

Company

Pubco Petroleum Corporation

Date

August 15, 1972

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.

May 16, 1972

Date Surveyed

Stephen H. Kinney

Registered Professional Engineer
and/or Land Surveyor

Stephen H. Kinney

Certificate No.

NM 803

SECTION 21

SF-079185

790'
790'

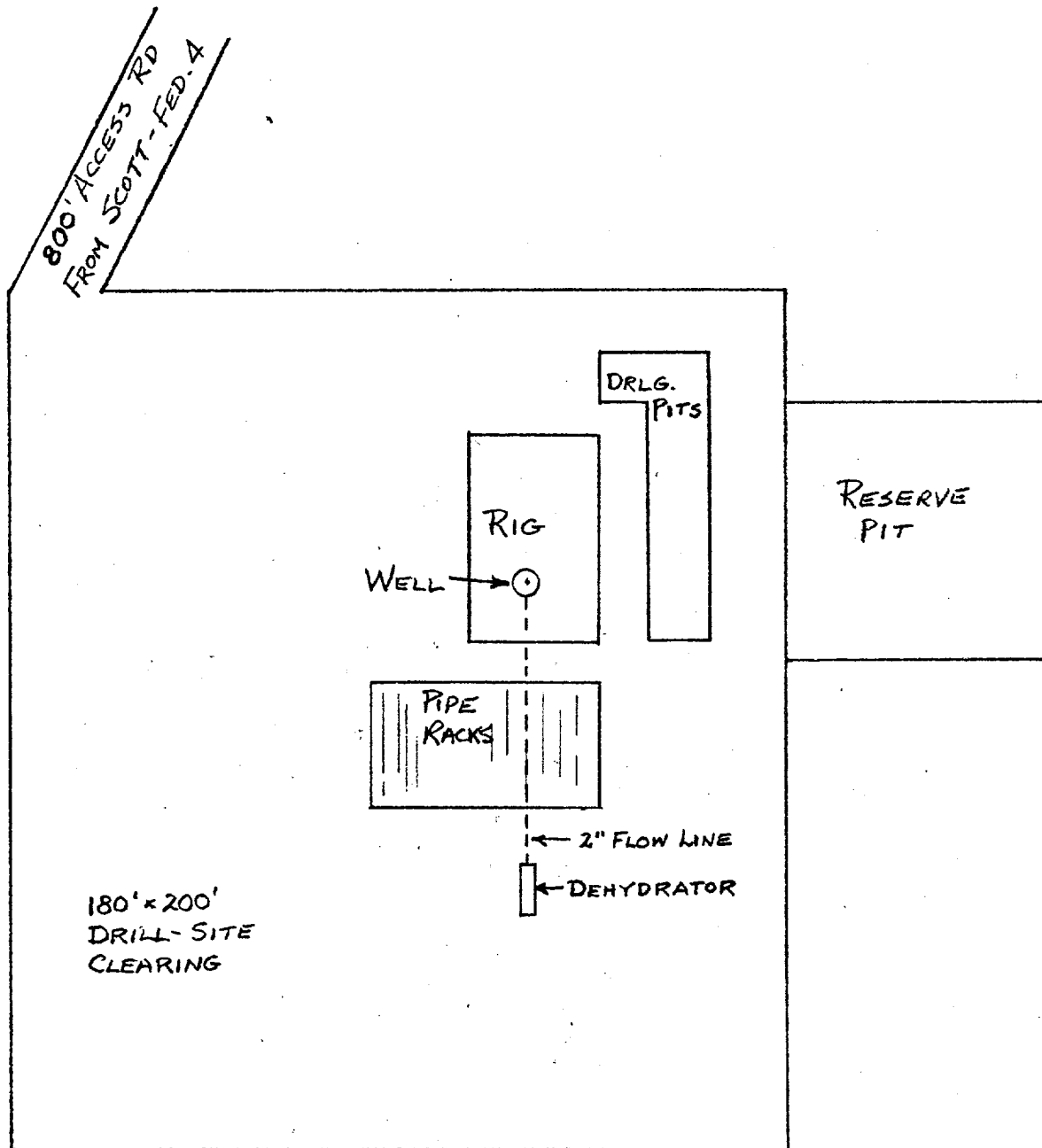
0 330 660 990 1320 1650 1980 2310 2640 2000 1600 1000 500 0

PUBCO PETROLEUM CORPORATION
Scott Federal #5
790' FSL & FWL of Sec. 21-26N-6W
Rio Arriba County, New Mexico

Attached is a topographic map and separate location plat which, with the information given below, conform to the EPA and USGS requirements for drilling on public lands.

1. Existing roads are shown on the topographic map.
2. Planned access roads are shown on the topographic map as the road extension from the nearest road or existing well.
3. Location of all wells within 1/2 mile are shown on the topographic map.
4. Lateral road to well location is shown.
5. Location of flow line and surface dehydrator are shown on the well plat.
6. Water supply will be purchased from trucking company and hauled from nearest surface source.
7. Method of handling waste disposal. Waste will be discarded into reserve pit and buried when well is completed.
8. Camps: None.
9. Air Strips: None.
10. Location layout: See attached well plat.
11. Plans for restoration of surface: After completion of the well, the surface will be graded and levelled. Terracing will be used to prevent washing, if necessary.

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