

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

Troporo Oil & Gas Company ✓

3. ADDRESS OF OPERATOR

511 West Ohio, Midland, Texas 79701

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

At surface

1980' FWL & 990' FSL, Sec. 1, T-22-S, R-30-E

At proposed prod. zone

1980' FWL & 990' FSL, Sec. 1, T-22-S, R-30-E

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

22 mi. East of Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED*

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

660'

16. NO. OF ACRES IN LEASE

640

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.

None

19. PROPOSED DEPTH

PB 13,500'

20. ROTARY OR CABLE TOOLS

See log

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

GL 3337' DF 3356' KB 3357'

22. APPROX. DATE OF START*

July 17, 1978

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH

- Bridge Plugs have been previously set @ 13,802 and 13,510' w/20+ cement on top.
- Well currently producing from Strawn perfs. 12,357, 12,370.
- Propose to plug back to 5,000' and perforate Delaware Sand, 3884-88, 3896-3900, 3907-3911, and stimulate w/acid or frac as necessary.
- Set 200' cement plug 12,200-12,400'; set 200' cement plug 10,100-10,300; set 150 cement plug 7500-7650; set 150' cement plug 5,000-5,150'.
- Procedure: Rig up pulling unit and BOPs. Pull packer and tubing. Run tubing open ended to 12,400 and load hole. Spot plugs as shown in item 4 above. Pull tubing, run corr. log, and perforate 7-5/8 lines as shown in item 3 above. Run packer on tubing. Swat test, treat, put well on production.

Verbal approval obtained from Mr. Ray Staff 7-12-78 (by telephone).

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. A. Vance

TITLE

Agent

DATE

July 12, 1978

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

JUL 19 1978

ACTING DISTRICT ENGINEER

APPROVED BY (Orig. Sgd.) ALBERT R. STALL

TITLE

DATE

JUL 19 1978

CONDITIONS OF APPROVAL, IF ANY:

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.

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

[illegible]

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LAND OFFICE	
TRANSPORTER	OIL / GAS /
OPERATOR	/ X
PRODUCTION OFFICE	

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

RECEIVED

DEC 20 1977

I. Operator **Troporo Oil & Gas Company** ☒ **O.C.C.**
Address **511 West Ohio, Midland, Texas 79701** **ARTESIA, OFFICE**
Reason(s) for filing (Check proper box) Other (Please explain)
New Well ☐ Change in Transporter of:
Recompletion ☐ Oil ☒ Dry Gas ☐
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐ *from Basin Inc.*
If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name Cabana	Well No. 1	Pool Name, Including Formation Cabin Lake-Strawn	Kind of Lease Federal	Lease No. N.M. 0479196
Location Unit Letter N 990 Feet From The South Line and 1980 Feet From The West Line of Section 1 Township 22S Range 30E , NMFM, Eddy County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> Phillips Petroleum Company-Trucks Effective 1-1-78	Address (Give address to which approved copy of this form is to be sent) 101-A Phillips Bldg., Odessa, Tex. 79761			
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/> El Paso Natural Gas	Address (Give address to which approved copy of this form is to be sent) Jal, New Mexico			
If well produces oil or liquids, give location of tanks.	Unit N	Sec. 1	Twp. 22S	Rge. 30E
	Is gas actually connected?		When 9/5/74	

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well <input checked="" type="checkbox"/>	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res't.	Diff. Res't.
	X			X		X		X
Date Spudded 12/20/73	Date Compl. Ready to Prod. 9/30/77		Total Depth 13950'		P.B.T.D. 12,490'			
Elevations (DF, RKB, RT, GR, etc.) 3357 KB	Name of Producing Formation Strawn		Top Oil/Gas Pay 12,357'		Tubing Depth 12,255'			
Perforations 12,357' - 12,370' 1-shot per foot					Depth Casing Shoe			
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
17 1/2	13 3/8		475		400			
12 1/4	10 3/4		3748		1750			
	7 5/8 Liner		10,350		1450			
	2 7/8 Tubing		12,255' - 13,950		500			

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks 9/22/77	Date of Test 9/29/77	Producing Method (Flow, pump, gas lift, etc.) Flowing	
Length of Test 4 hrs.	Tubing Pressure see back pressure test	Casing Pressure Packer	Choke Size Various
Actual Prod. During Test 215 MCF	Oil-Bbls. 34	Water-Bbls. 12	Gas-MCF 215

GAS WELL

Actual Prod. Test MCF/D 215	Length of Test 4 hrs.	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.) Back pressure	Tubing Pressure (shut-in) 3767	Casing Pressure (shut-in) Packer	Choke Size Various

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Barbara D. Pierce
Barbara D. Pierce (Signature)
Agent
(Title)
December 19, 1977
(Date)

OIL CONSERVATION COMMISSION

APPROVED *W. A. Gussert*, 19
BY *W. A. Gussert*
TITLE **SUPERVISOR, DISTRICT II**

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.