

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-20817

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒RECEIVED
DEEPEN ☒PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐OTHER ☐SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Roger C. Hanks

MAR 12 1973

3. ADDRESS OF OPERATOR

2100 Wilco Building, Midland, Texas 79701

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

At surface

1980 FNL & 1980 FWL

At proposed prod. zone

Cisco Canyon

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

Approx. 8 mi. West & 2 mi. North of Lakewood, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

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

1980

18. DISTANCE FROM PROPOSED LOCATION*

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

16. NO. OF ACRES IN LEASE

320

19. PROPOSED DEPTH

8,000'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

McVay Drilling Co.

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

3529 Ground

22. APPROX. DATE WORK WILL START*

April 1, 1973

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"	32#	400'	200 sx.
11"	8-5/8"	23# & 26#	1100'	600 sx.

Operator plans to drill the well to TD of approximately 8,000' and test zone either by DST or log analysis. If information indicates zone is productive of oil and/or gas, the operator plans to run 8-5/8" casing, cement same, perforate and acidize for production tests. If dry hole is indicated, well will be plugged and abandoned in accordance with Federal Rules and Regulations.

1. a. B.O.P. program - Two Shaffer Hydraulic preventors and one Hydril "G.K." with 3000 p.s.i. W.P. ratings. Sufficient mud weight to contain formation at all times. (See complete diagram on Plat 3D).

b. Mud program - Native mud to 4000'. Good sample mud from 4000' to 7000'. Low water loss mud (wt. 9.2 - 9.6) from 7000' to TD.

c. Drilling waste disposal - Drilling waste will be completely contained in earthen pits. Any liquid will be allowed to evaporate. Pits will be re-covered with soil and area returned to its original condition.

d. Water Supply - Water well 759' deep. Same supply used for drilling our #1 Barbara, located one half mile E.N.E.
(Over for continued #23)

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

Linda Pipes

TITLE

Production Clerk

DATE February 27, 1973

(This space for Federal or State office use)

DECLARED WATER BASIN

CURRENT BEHIND THE 8-5/8"
CASING MUST BE CIRCULATEDNOTIFY USGS IN SUFFICIENT TIME TO
WITNESS CEMENTING THE 8-5/8" CASING.APPROVED
APPROVED BY
MAR 9 - 1973
R. L. BEEKMAN
ACTING DISTRICT ENGINEER
THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
JUN 5 - 1973

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.

★ U.S. GOVERNMENT PRINTING OFFICE : 1963-O-711-396

#23 Continued

e. Surface restoration plans - Dry Hole - Location will be cleared of all debris, graded, covered with soil and returned to its original state. Producing Well - Location will be a completely level, rolled caliche fenced area of nice appearance. It will be ditched to prevent loss of any possible leakage and should present no problem to man or animal.

Attached hereto are the following:

- a. Drill-site diagram
- b. Plat of existing and planned access roads
- c. Plat of wells in surrounding area
- d. Blow-out Preventor diagram

N MEXICO OIL CONSERVATION COMMISS
WELL LOCATION AND ACREAGE DEDICATION, LAT

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

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

Operator ROGER C. HANKS			Lease BARBARA FEDERAL		Well No. 3
Unit Letter F	Section 17	Township 19 South	Range 25 East	County Eddy	
Actual Footage Location of Well: 1980 feet from the North line and 1980 feet from the West line					
Ground Level Elev. 3529	Producing Formation <i>Clasco Canyon</i>		Pool <i>Barb. Fed. 3</i>	Dedicated Acreage: 40 Acres	

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

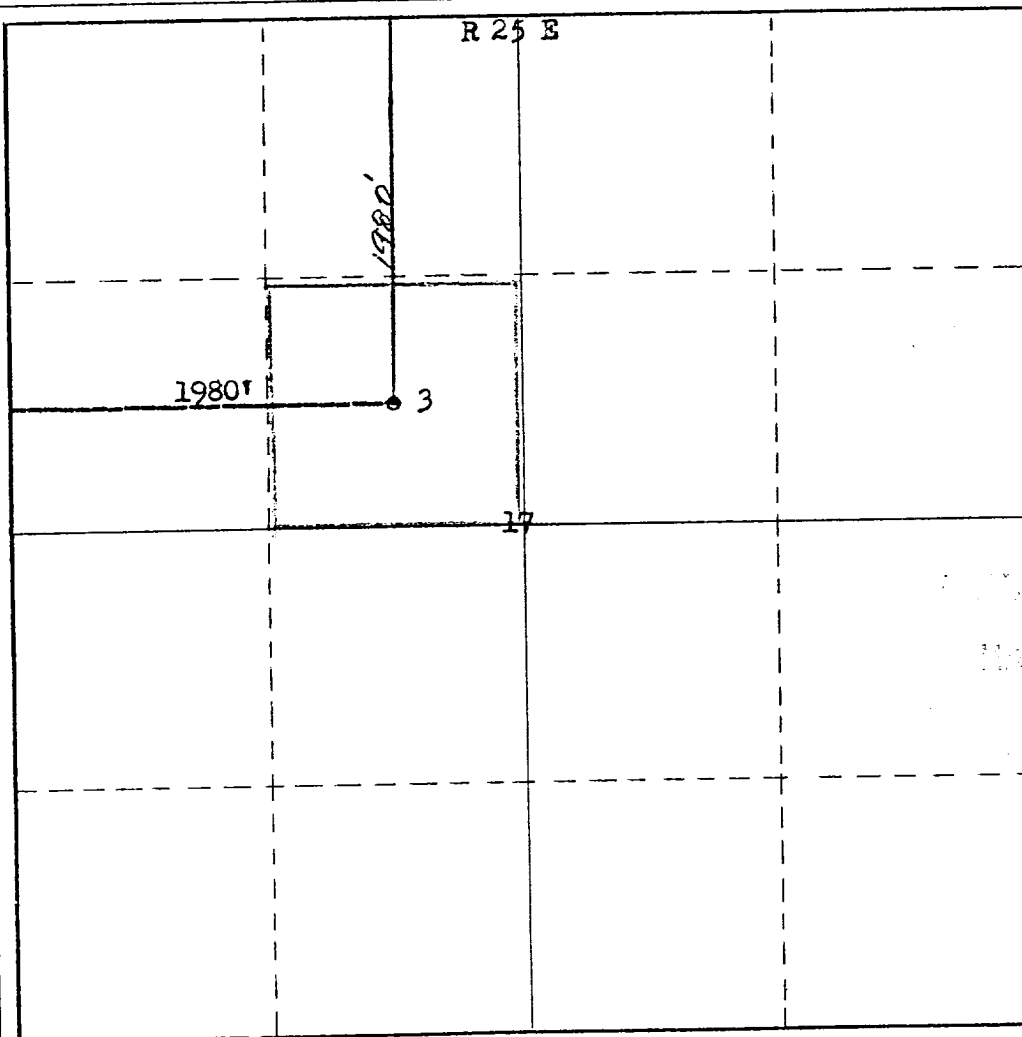
☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. _____

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.

RECEIVED
MAR - 21 1973
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

R 25 E



CERTIFICATION

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

Name *Linda Pipes*
Position **Production Clerk**
Company **Roger C. Hanks**
Date **March 6, 1973**

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
February 24th, 1973
Registered Professional Engineer and/or Land Surveyor

Certificate No. **542**

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0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0