

SUBMIT (Other instructions on reverse side)

Budget Bureau No. 42-R1425.

(May 1963)

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 ☐

Operator

Roger C. Hanks

Address

2000 Wilco Building, Midland, Texas 79701

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

At surface

660' FNL & 660' FWL

At proposed prod. zone

Cisco Canyon

MAY 6 1970

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

9 miles west of Lakewood, New Mexico ARTESIA, OFFICE

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.

660'

(Also to nearest drlg. unit line, if any)
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

3000'

16. NO. OF ACRES IN LEASE

562.88

19. PROPOSED DEPTH

8,100'

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

3565' GR

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"	48#	850' *	Est. 600 sx. Circ. to Surface
11"	9 5/8"	32# & 36#	*	800 sx.
8 3/4"	7"	36# N-80	*	500 sx.

*Proposed casing program: 13 3/8" set from approximately 850' to 1400'. Estimated 600 sx. cement circulated to surface or 150' below any shallow water flows encountered during air drilling. If necessary to protect any additional water flows, 9 5/8" will be run to a depth 150' beyond any water zones encountered below surface pipe. If no water flows are encountered below surface depth, intermediate string could be deleted. Anticipate stopping air drilling at approximately 5600'. Will then convert to drilling fluids and mud-up for coring and anticipated testing in the Cisco Canyon zone at approximately 7600'. If anticipated core depths from 7650' to 8000' reveal sufficient porosity and commercial results are revealed from DST a string of 7" casing will then be run to an approximate depth of 8050' through the Cisco Canyon zone and set with 500 sx. Completion attempts will be made by perforations, acidizing and swab tests. If dry hole is indicated, well will be plugged and abandoned according to Federal Rules and Regulations.

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

Operator

DATE May 1, 1970

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

DECLARED WATER BASIN

APPROVED

CONDITIONS OF APPROVAL, IF ANY:

TITLE OPERATIONS

THIS APPROVAL IS RESCINDED IF OPERATIONS ARE NOT COMMENCED WITHIN 3 MONTHS.

AUG 5 - 1970

R. L. BECKMA.

ACTING DIRECTOR

NOTIFY USGS IN SUFFICIENT TIME TO CEMENTING THE CASING.

DATE AND TIME 9:25

CIRCULATED

CIRCULATED

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N MEXICO OIL CONSERVATION COMMISS.
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 ROGER C. HANKS			Lease DUGGER IRON		Well No. 1
Unit Letter 9	Section 26	Township 10 N	Range 2 E	County DOUGLAS	
Actual Footage Location of Well: 660 feet from the North line and 660 feet from the West line					
Ground Level Elev.	Producing Formation Cisco Canyon		Pool Undesignated		Dedicated Acreage: 48 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 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 *Roger C. Hanks*
 Position *Operator*
 Operator

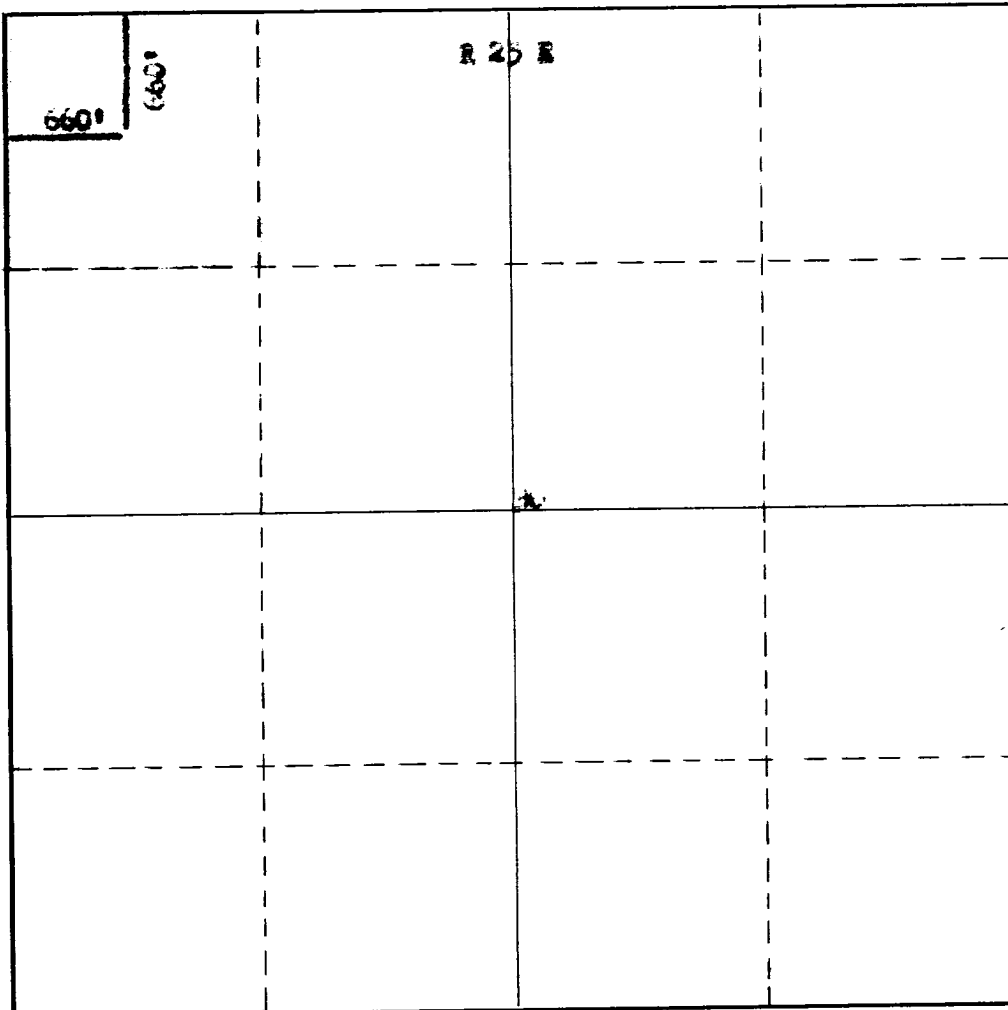
Company
Roger C. Hanks

Date
May 2, 1970

I hereby certify that the location shown on this plat was plotted from field notes of actual survey 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
May 2, 1970
 Registered Professional Engineer and/or Land Surveyor

James H. Brown
 Certificate No. _____



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MAY 5 - 1970
U. S. GEOLOGICAL SURVEY
CARTESIA, NEW MEXICO

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