

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. NM-0145685		
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
2. NAME OF OPERATOR Roger C. Hanks			7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR 2100 Wilco Building, Midland, Texas 79701			8. FARM OR LEASE NAME Helen-Federal		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 660' FWL & 660' FSL			9. WELL NO. 1		
At proposed prod. zone Bough			10. FIELD AND POOL OR WILDCAT Vada		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 4 1/8 Mi. North & 4 3/4 Mi. West of Crossroads, N. M.			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 31-8S-35E		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'			12. COUNTY OR PARISH Roosevelt		
16. NO. OF ACRES IN LEASE 160			13. STATE N. M.		
17. NO. OF ACRES ASSIGNED TO THIS WELL 160			20. ROTARY OR CABLE TOOLS Rotary		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2640' N			21. APPROX. DATE WORK WILL START* August 25, 1970		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4207.4 GR					
23. PROPOSED CASING AND CEMENTING PROGRAM					

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	12 3/4"	42#	450'	300 sx. Circ. to Surface
11"	8 5/8"	32# & 24#	4,250'	400 sx.
7 7/8"	5 1/2"	17#N-80&J-55	10,000'	400 sx.

Operator plans to drill the well to TD of approximately 10,000' and test zone either by DST or log analysis. If information indicates zone is productive of oil and/or gas, then operator plans to run 5 1/2" 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.

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 Roger C. Hanks TITLE Operator DATE August 21, 1970
(This space for Federal or State office use)

PERMIT NO. _____

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE

APPROVAL DATE
APPROVED

AUG 31 1970

ARTHUR R. BROWN
DISTRICT ENGINEER

**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

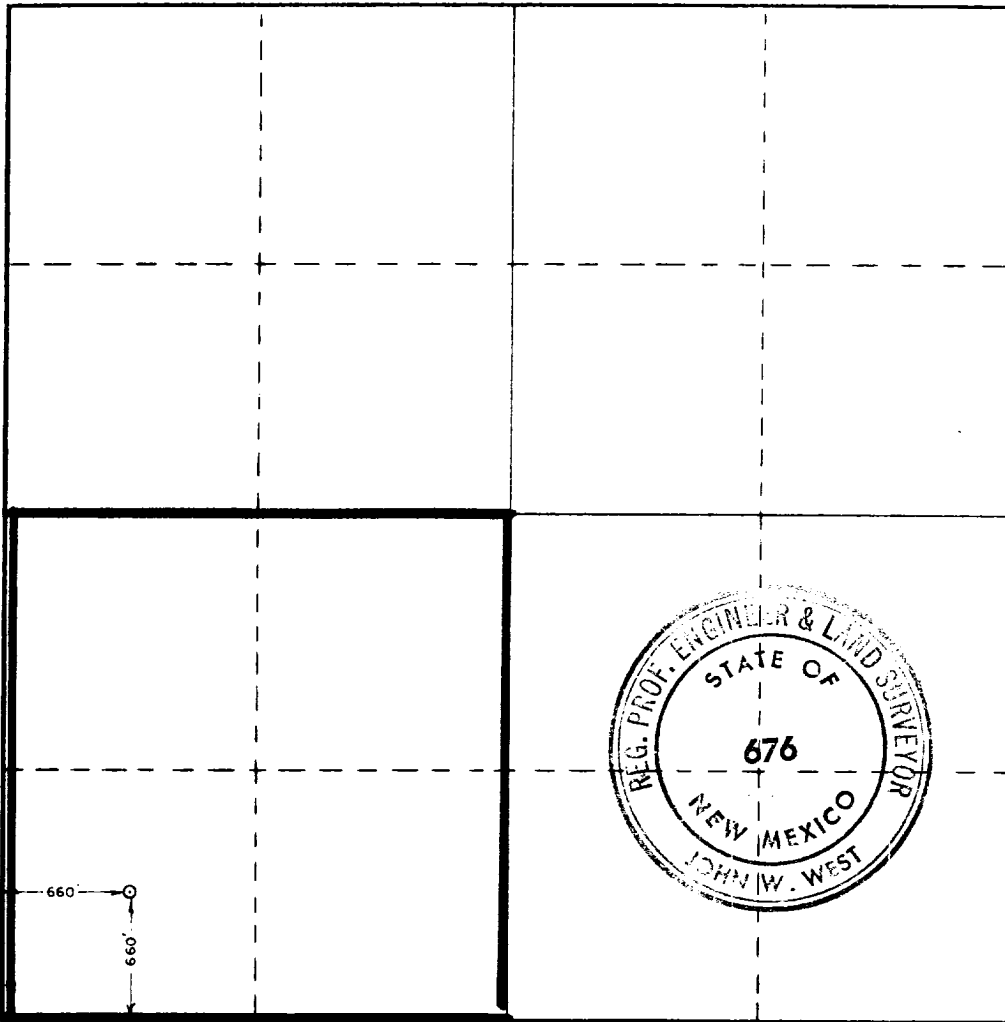
Operator ROGER C. HANKS			Lease HELEN FEDERAL		Well No. 1
Unit Letter M	Section 31	Township 8 SOUTH	Range 35 EAST	County ROOSEVELT	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 660 feet from the SOUTH line and 660 feet from the WEST line </div>					
Ground Level Elev. 4207.4	Producing Formation Bough "C"	Pool Vada Pennsylvanian		Dedicated Acreage: 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 _____

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.

Roger C. Hanks
Name
Wanda Sanders
Position
Operator

Company
Roger C. Hanks

Date
August 21, 1970

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
8-18-1970

Registered Professional Engineer and/or Land Surveyor

John W. West
Certificate No.

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0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

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