

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 ☐			5. LEASE DESIGNATION AND SERIAL NO. LC 006640	
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐			6. IF INDIAN, ALLOTTEE OR TRIBE NAME -----	
2. NAME OF OPERATOR Hanagan Petroleum Corporation			7. UNIT AGREEMENT NAME -----	
3. ADDRESS OF OPERATOR P. O. Box 1737, Roswell, New Mexico			8. FARM OR LEASE NAME Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 600' FSL & 600' FEL of Section 18 At proposed prod. zone Approx. same			9. WELL NO. 1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 5 miles south-southeast of Eunice, New Mexico			10. FIELD AND POOL, OR WILDCAT Wildcat	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 600'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 18, T-23-S, R-38-E	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. none			12. COUNTY OR PARISH Lea	
16. NO. OF ACRES IN LEASE -----			13. STATE N.Mex.	
19. PROPOSED DEPTH 10,500'			17. NO. OF ACRES ASSIGNED TO THIS WELL 40 acres	
20. ROTARY OR CABLE TOOLS cable tools & rotary			22. APPROX. DATE WORK WILL START* 10/30/67	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3340 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	35.61	400	400 sx. Circ.
12 1/4"	5 5/8	43.5#	3100	200 sx (up to base salt)
7 7/8"	5 1/2	16.5 & 17.5	10000	300 sx

Plan drill 400' of surface hole with cable tools, set surface casing with Rotary and drill remaining hole with Rotary. Proper blowout preventer equipment will be used.

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 [Signature] TITLE Vice President DATE 10/28/67
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE 10/28/67

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: _____

*See Instructions On Reverse Side

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.

NEW 160 OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-101
Supersedes C-128
Effective 1-1-

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

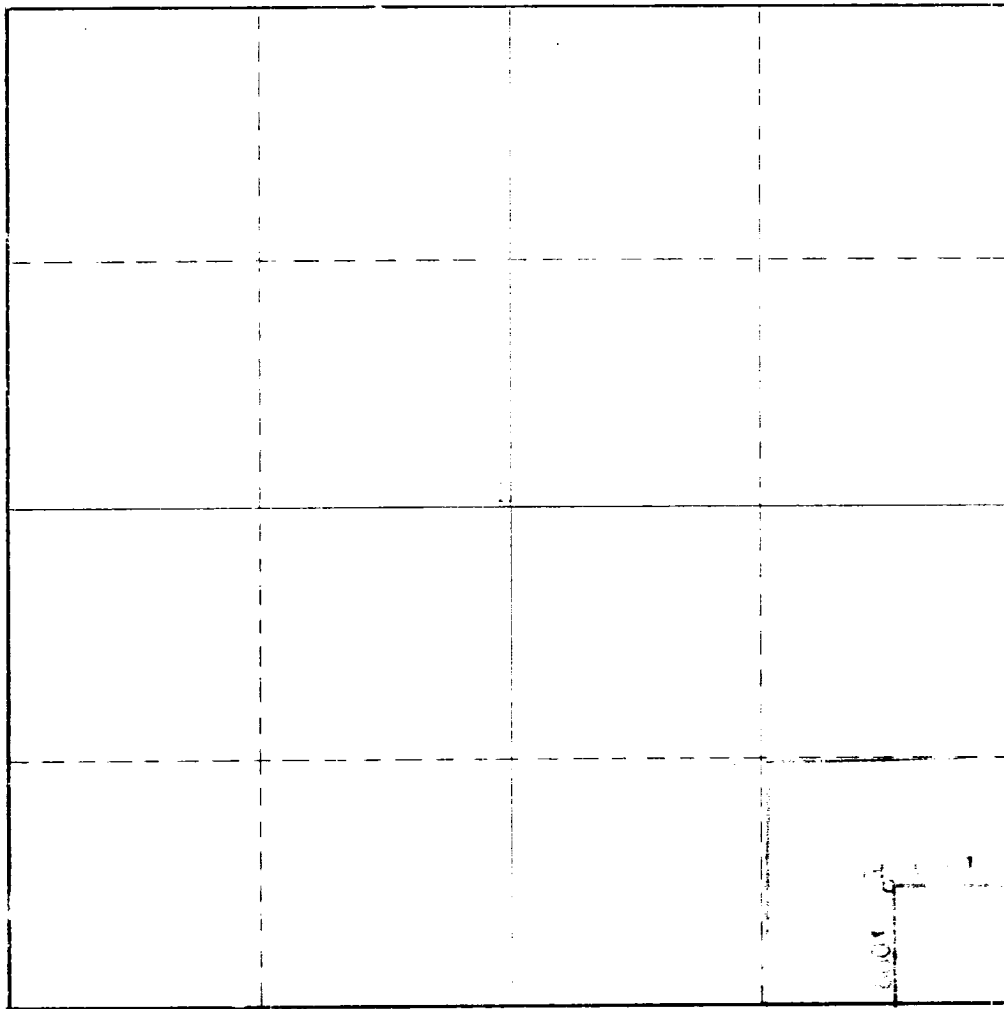
Owner Hanagan Petroleum Corporation		Lease Federal		Well No. 1	
Section P	Section 18	Township 23 South	Range 38 East	County Lea	
General Location of Well: 660' feet from the South line and 660' feet from the East line					
Ground Level Elev. 3340	Producing Formation Ellenberger		Pool Wildcat		Dedicated Acreage: 40 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 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 their 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.



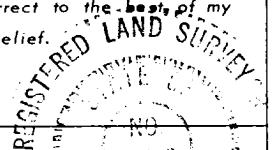
CERTIFICATION

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

Name
Hugh E. Hanagan
Position
Vice President
Company
Hanagan Petroleum Corp.
Date
10/28/67

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
NOV 5 1967
Registered Professional Engineer and or Land Surveyor
James H. Chouin
Certificate No. _____



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