

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Copy 651  
30-05-20827

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

U. S. LEASE DESIGNATION  
0364690  
U. S. INDIAN, ALLO.

1. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

AGREEMENT

2. TYPE OF WELL

OIL  
WELL ☒

GAS  
WELL ☐

WATER

SINGLE  
ZONE

MULTIPLE  
ZONE

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3. NAME OF OPERATOR

Paragan Petroleum Corporation

4. LEASE OR LEASE NO.

5. WELL NO.

6. ADDRESS OF OPERATOR

MAR 20 1973

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

At Surface

P. O. Box 1737, Roswell, New Mexico 88201

D. C. C.

ARTESIA, OFFICE

At proposed prod. zone

700' FNL & 660' FEL

Same

10. LAND AND POOL

11. SEC. T. R. M. G. AND SURVEY OR

S-22S-26E

12. COUNTY OR PARISH

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

1/2 mi. West of Carlsbad, New Mexico

Eddy

14. DISTANCE FROM PROPOSED\*

TO NEAREST

PROPERTY OR LEASE LINE, FT.

Distance to nearest drlg. unit line, if any)

660'

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

None

19. PROPOSED DEPTH

600'

20. ROTARY OR CABLE TOOLS

Cable Tool

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

3227' GR

22. APPROX. DATE WEL

3/26/73

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2	16	42#	10	Filled w/ready mix
10 & 8	4 1/2	11.6#	600	100 sx

Propose to drill 10 feet and set 16" conductor casing with rat hole machine. Move on cable tools and drill the remainder of the hole (10" & 8"). Propose to test Tansill Reef, Yates and Capitan Reef, with total depth in Capitan Reef or water in the Reef.

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ARTESIA, NEW MEXICO

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give

24.

SIGNED

*J. L. Beekman*

TITLE

Vice President

DATE

3/

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

DECLARED WATER BASIN

APPROVED  
MAR 16 1973  
R. L. BEEKMAN  
ACTING DISTRICT ENGINEER

THIS APPROVAL IS EXTENDED IF OPERATIONS ARE NOT COMMENCED WITHIN 3 MONTHS.  
JUN 19 1973  
See Instructions On Reverse Side

CEMENT BEHIND THE CASING MUST BE CIRCULATED  
NOTIFY USGS IN SUFFICIENT TIME TO WITNESS CEMENTING THE CASING.  
4 1/2"

N. MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-120  
Effective 1-1-65

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

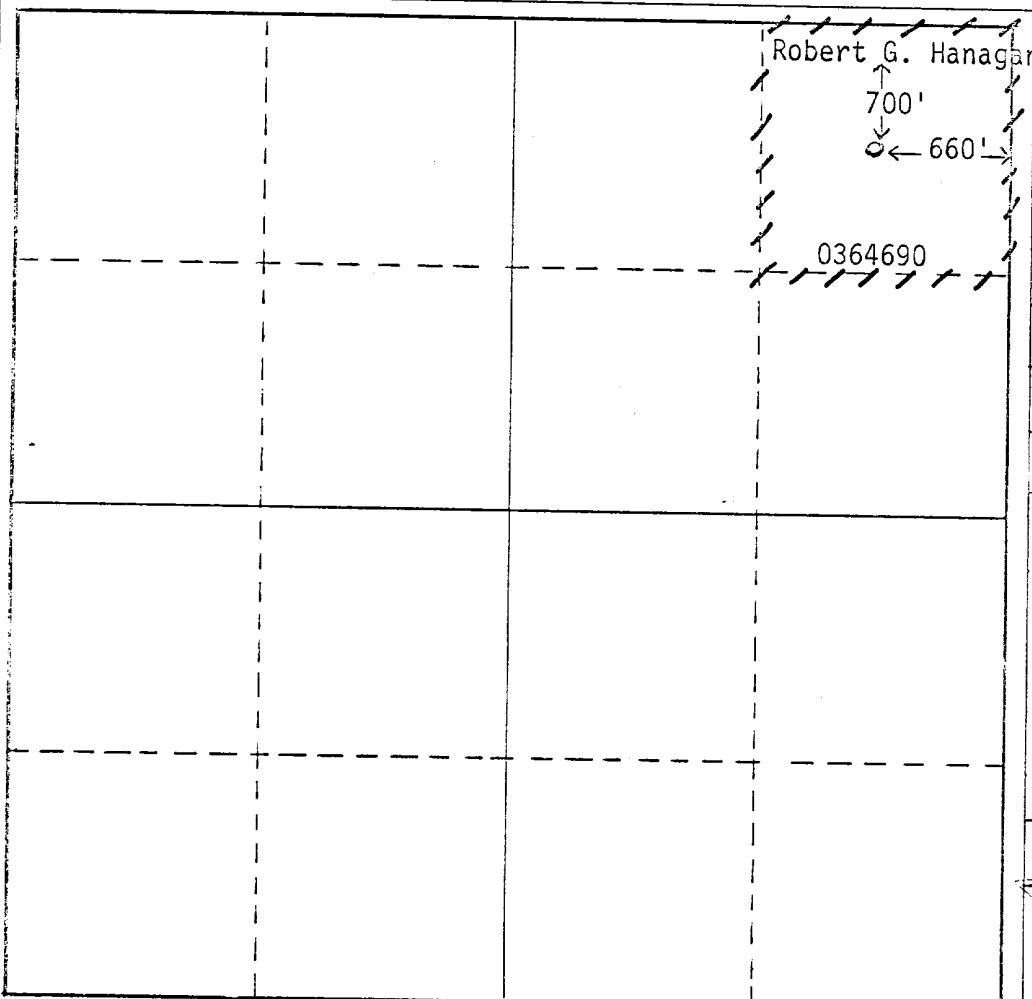
Operator <b>HANAGAN PETROLEUM CORPORATION</b>			Lease <b>Happy Valley</b>		Well No. <b>1</b>
Unit Letter <b>A</b>	Section <b>9</b>	Township <b>22 South</b>	Range <b>26 East</b>	County <b>Eddy</b>	
Actual Footage Location of Well: <b>700</b> feet from the <b>North</b> line and <b>660</b> feet from the <b>East</b> line					
Ground Level Elev. <b>3227</b>	Producing Formation <b>Capitan Reef</b>		Pool <b>Wildcat</b>	Dedicated Acreage: <b>40</b> 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.

*Hugh E. Hanagan*  
Name  
Hugh E. Hanagan

Position  
Vice President

Company  
Hanagan Petroleum Corporation

Date  
3/5/73

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I hereby certify that the well location shown on this plat was obtained from field notes of actual surveys made by me and under my supervision, and that the same is true and correct to the best of my knowledge and belief.

F-6 24  
March 3 1973

Date Surveyed  
*John Smith*  
Registered Professional Engineer  
and/or Land Surveyor

*N.M. 220*  
Certificate No.

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



# United States Department of the Interior

GEOLOGICAL SURVEY  
Washington, D.C. 20242

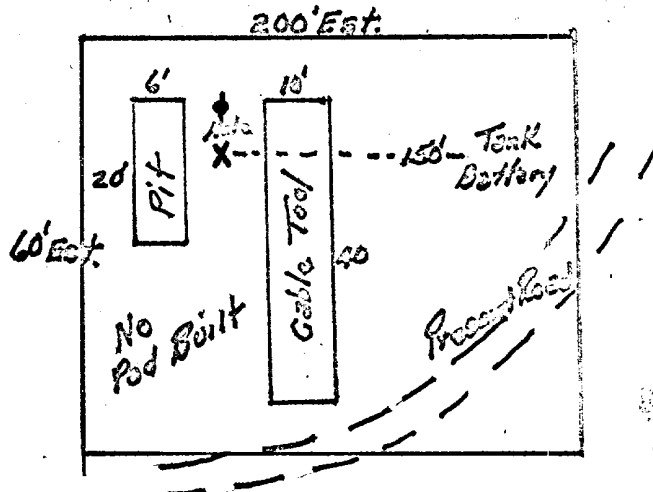
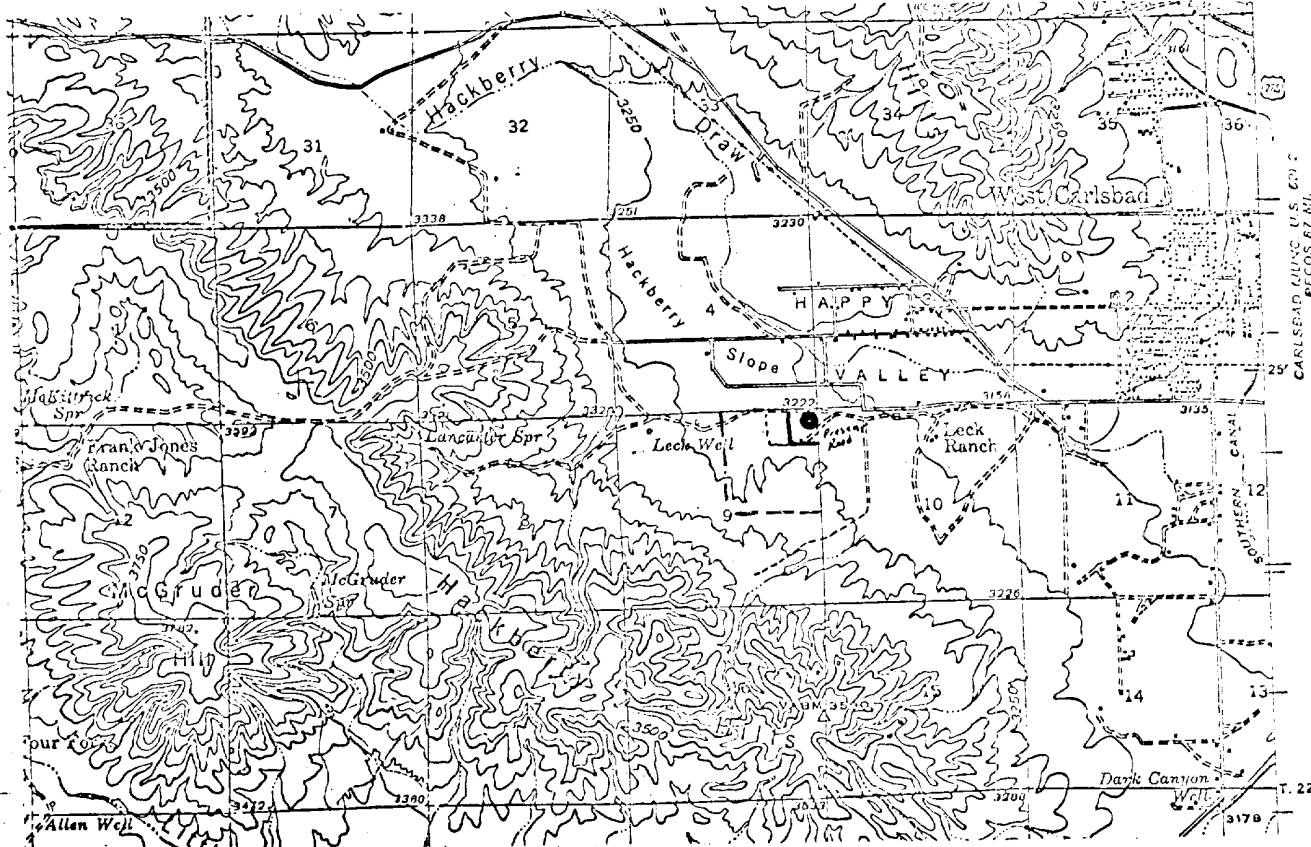
May 9, 1972

## INSTRUCTIONS FOR SUBMITTING APPLICATIONS TO DRILL ONSHORE OIL, GAS, OR GEOTHERMAL STEAM WELLS ON PUBLIC DOMAIN AND ACQUIRED LANDS

Each application for permit to drill must be accompanied by a development plan for surface use which should include information in regard to:

*Drilled w/scrub/cable tool rig*

1. Existing roads. *Colored Yellow Below*
2. Planned access roads. *None*
3. Location of well. *700' FUL 4660' FEL - Colored Red*
4. Lateral roads to wells locations. *None*
5. Location of tank batteries and flowlines. *150' East Wellhead*
6. Locations and types of water supply. *Hauled*
7. Methods for handling waste disposal. *Burn Pit*
8. Location of camps. *None*
9. Location of airstrips. *None* *[No pad, road or other surface, except small pit in track, otherwise]*
10. Location layout to include position of the rig, mud only 20000 tanks, reserve pits, burn pits, pipe racks, etc. *reserve pit*
11. Plans for restoration of the surface. *approx 6' x 20' hole made*
12. Any other information which the Approving Official *will clean up & consider essential to his assessment of the impact of location on the environment.*



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