

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-20729

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
ZONES ☒MULTIPLE
ZONES ☐

2. NAME OF OPERATOR

HANAGAN PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR

POB 1737, Roswell, New Mexico 88201

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

At surface

1980' FSL & 660' FEL

At proposed prod. zone

Same

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

Approx. 11 miles southeast of Artesia, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

660'

16. NO. OF ACRES IN LEASE

480 Acs.

17. NO. OF ACRES ASSIGNED

TO THIS WELL

40 Acs.

18. DISTANCE FROM PROPOSED LOCATION*

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

19. PROPOSED DEPTH

1100'

20. ROTARY OR CABLE TOOLS

Cable Tools

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

3389' GR

22. APPROX. DATE WORK WILL START*

8/29/72

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2	16	65	25	Fill, ready mix
15-1/2	12-3/4	35	350	Cement circ.(if not mudded)
10	4-1/2	9.5	1100	250 sx.(if 12-3/4" cemented)

Propose drill 1100' cable tool hole to test Queen sand. Plan drill approx. 25' of 17½" hole with rathole machine, set approx. 25' of 16" conductor csg. & cement w/ready mix, then move in cable tools & drill 15½" hole to approx. 350'. Should an appreciable amount of fresh water be encountered, propose either to mud-in or cement (circulated) 12-3/4" csg. to cut off and protect the surface water. No fresh water should be encountered below this depth. Below 350', a 10" hole would be drilled to total depth. Should production be encountered, 4½" casing would be run and cement circulated if 12-3/4" csg. is pulled. All water will be protected.

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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. 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

Hugh C. Hanagan

TITLE

Vice President

DATE

8/10/72

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

DECLARED WATER BASIN

CEMENT BEHIND THE
CASING MUST BE CIRCULATEDNOTIFY USGS IN SUFFICIENT TIME TO
WITNESS CEMENTING THE 12 3/4" CASING.APPROVED
AUG 12 1972
H. L. BECKMAN
ACTING DISTRICT ENGINEERTHIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
NOV 17 1972

See Instructions On Reverse Side

N MEXICO OIL CONSERVATION COMMISS
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-66

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

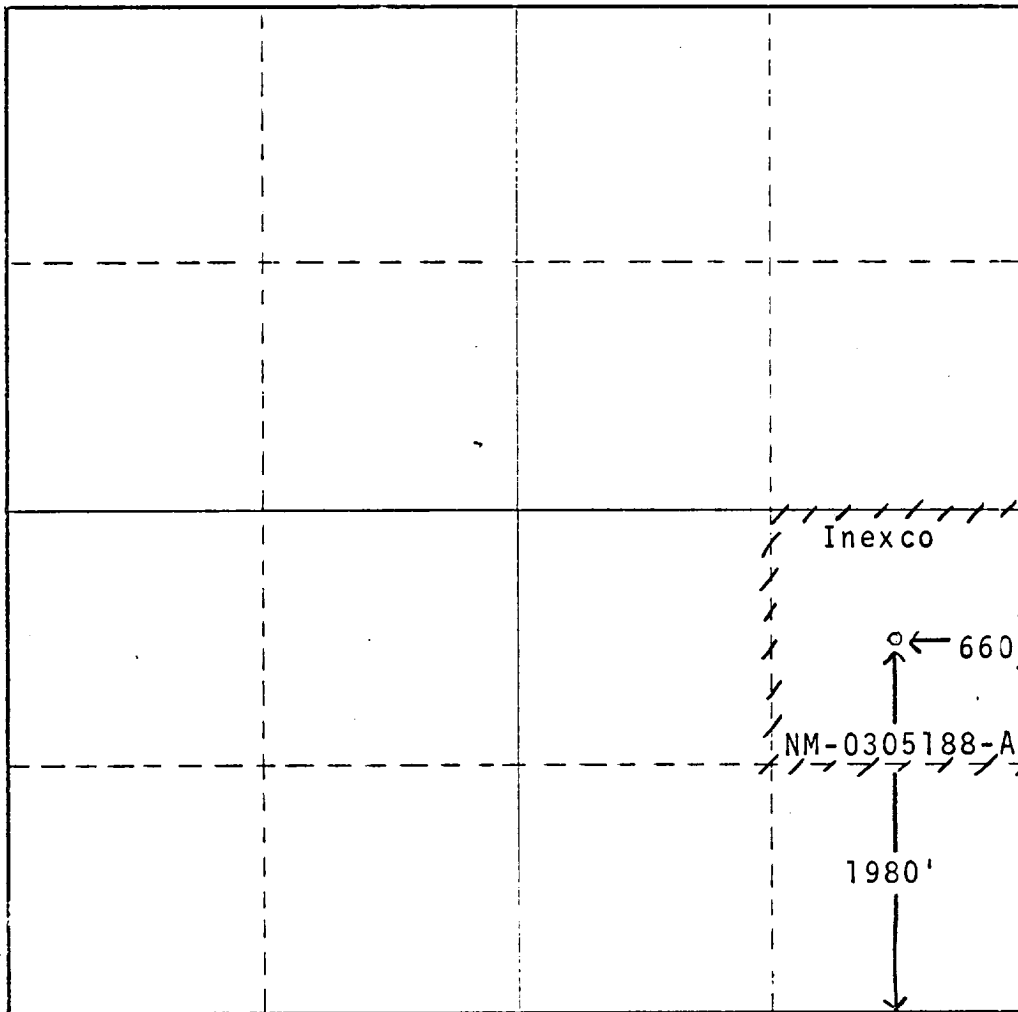
Operator LANACAN PETROLEUM CORPORATION			Lease Raymond			Well No. 1		
Unit Letter I	Section 33	Township 18 South	Range 27 East	County Eddy				
Actual Footage Location of Well: 1980 feet from the South line and 660 feet from the East line								
Ground Level Elev. 3389	Producing Formation Queen		Pool Wildcat			Dedicated Acreage: 40 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 C. Hanagan
Name

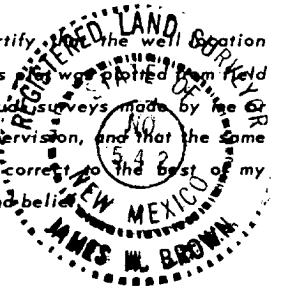
HUGH L. LANACAN
Position

Vice President

Company
LANACAN PETROLEUM CORPORATION

Date
August 10, 1972

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
July 31st 1972
Registered Professional Engineer
and/or Land Surveyor

James H. Brown
Certificate No.
542

T
18
S

W

T
19
S

33

34

HPC
Raymond
Location
Cable Tool



WPC

Fence

4

3

E

Very Primitive Road

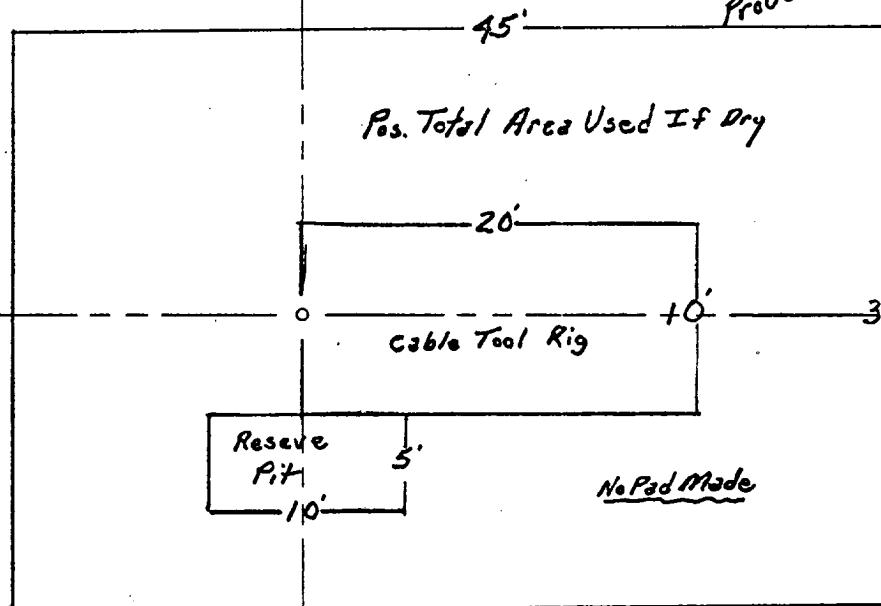
PLAT NO. 1 : Roads & Location

Hanzen Rt. Corp
E. 1/4 Sec. 11



Good Use Road

Tank Battery
150' NE
+ Hole If
Productive



Pos. Total Area Used If Dry

Cable Tool Rig

Reserve
Pit

No Pad Made

Present
Road
New
Road

Plot 2 - Immediate Area Used Drill Well

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U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
ALBUQUERQUE, NEW MEXICO



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:

1. Existing roads. Very primitive, see enclosed plat.
2. Planned access roads. None.
3. Location of wells. See enclosed Plat #1. use for cable tool.
4. Lateral roads to wells locations. Right off existing road-O.K. to/
5. Location of tank batteries and flowlines. 150' from wellhead.
6. Locations and types of water supply. Hauled in, very little needed.
7. Methods for handling waste disposal. Burn pit.
8. Location of camps. None
9. Location of airstrips. None
10. Location layout to include position of the rig, mud tanks, reserve pits, burn pits, pipe racks, etc. See Plat #2
11. Plans for restoration of the surface. Clean up & level.
12. Any other information which the Approving Official considers essential to his assessment of the impact on the environment.

The affected Federal and State surface managing agencies shall have access to or, if feasible, may be provided with copies of such development plans.

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