



United States Department of the Interior

GEOLOGICAL SURVEY

P. O. Drawer 1857
Roswell, New Mexico 88201

August 13, 1975

RECEIVED

AUG 14 1975

O. C. C.
ARTESIA, OFFICE

H & S Oil Company
216 American Home Building
Artesia, New Mexico 88210

Gentlemen:

Your Application for Permit to Drill well No. 9-Mc Clay in the SW¼ sec. 33, T. 18 S., R. 30 E., N.M.P.M., Eddy County, New Mexico, lease Las Cruces 020970(b), to a depth of 3,450 feet to test the Queen Grayburg formation in the Potash Area, is hereby approved.

One copy of the Application is returned herewith. Please notify the District Engineer, Geological Survey, Post Office Drawer U, Artesia, New Mexico, 88210, in sufficient time for a representative to witness all cementing operations. The office phone number is Area Code 505-746-4841.

Sincerely yours,

CARL C. TRAYWICK
Acting Area Oil and Gas Supervisor

Attachment

cc:
Regional Manager, Denver
Mining Branch (2)
✓ MDC-~~Artesia~~ (2) (w/2 cys Notice)
Artesia (w/cy Notice)
Roswell (2) (w/cy Notice)
Roswell (Chrono.)

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O.C.C.
OFFICE, AIRCRAFT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-21608

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 ☐

2. NAME OF OPERATOR

H & S Oil Company

3. ADDRESS OF OPERATOR

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

At surface

1650' from North and 1650' from East lines. Section 33,

At proposed prod. zone

T 18S, R 30E

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

35 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)

330'

16. NO. OF ACRES IN LEASE

40

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

3450'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

3435' GL

22. APPROX. DATE WORK WILL START*

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11 1/4"	8 5/8"	28#	600'	Circulated
7 7/8"	4 1/2"	9 1/2#	3450'	300 Sacks

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ARTESIA, OFFICE

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JUL 23 1975

U. S. GEOLOGICAL SURVEY
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 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

TITLE

Operator

DATE

July 20, 1975

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

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 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.

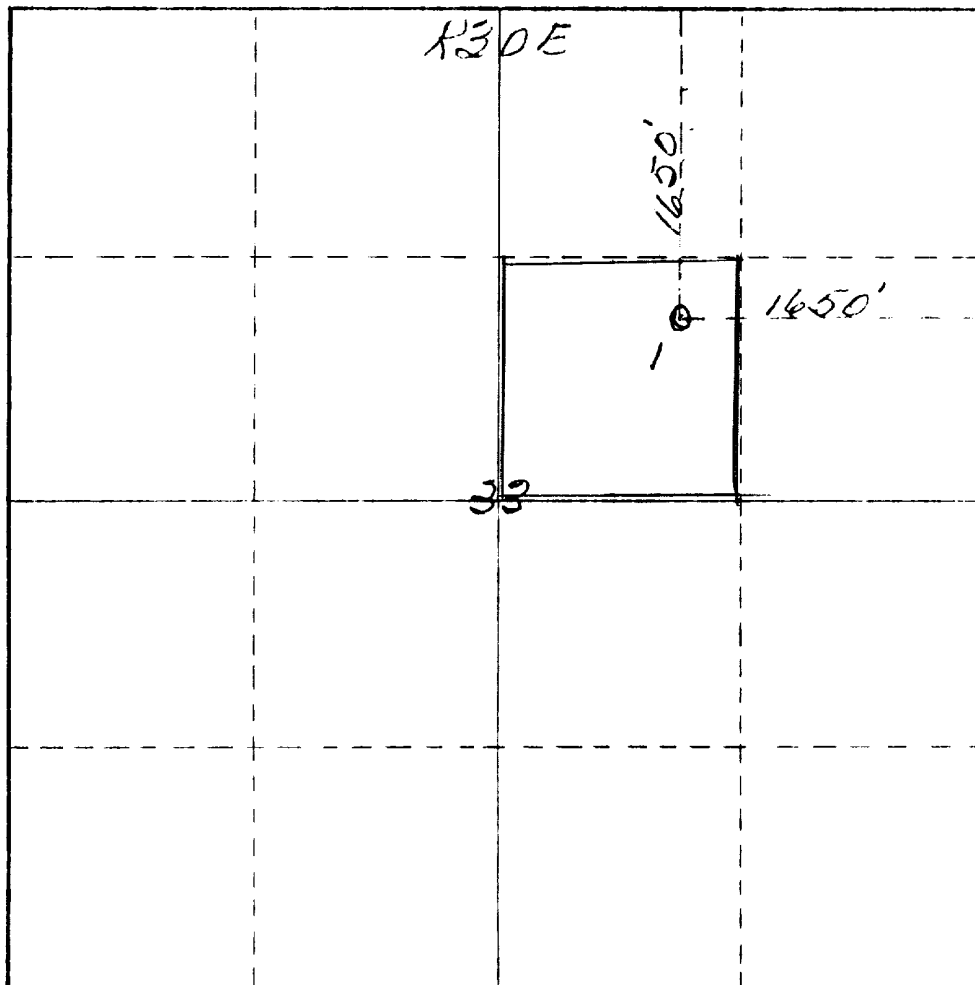
Operator H & S Oil Co		Lease Federal McCLAY		Well No. 9
Tract Letter G	Section 33	Township 18 South	Range 30 East	County Eddy
Actual Footage Location of Well: 1650 feet from the North line and 1650 feet from the East line				
Ground Level Elev. 3435	Producing Formation Q. Sh	Pool Y. Benson Q. Sh.	Dedicated Acreage 30	Acres

- Outline the acreage dedicated to the subject well by colored pencil or machine marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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.

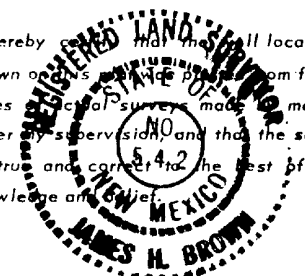


CERTIFICATION

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

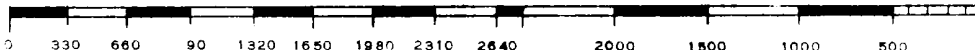
Name
Byruming
Position
Agent
Company
H & S Oil Co
Date
July 29, 1975

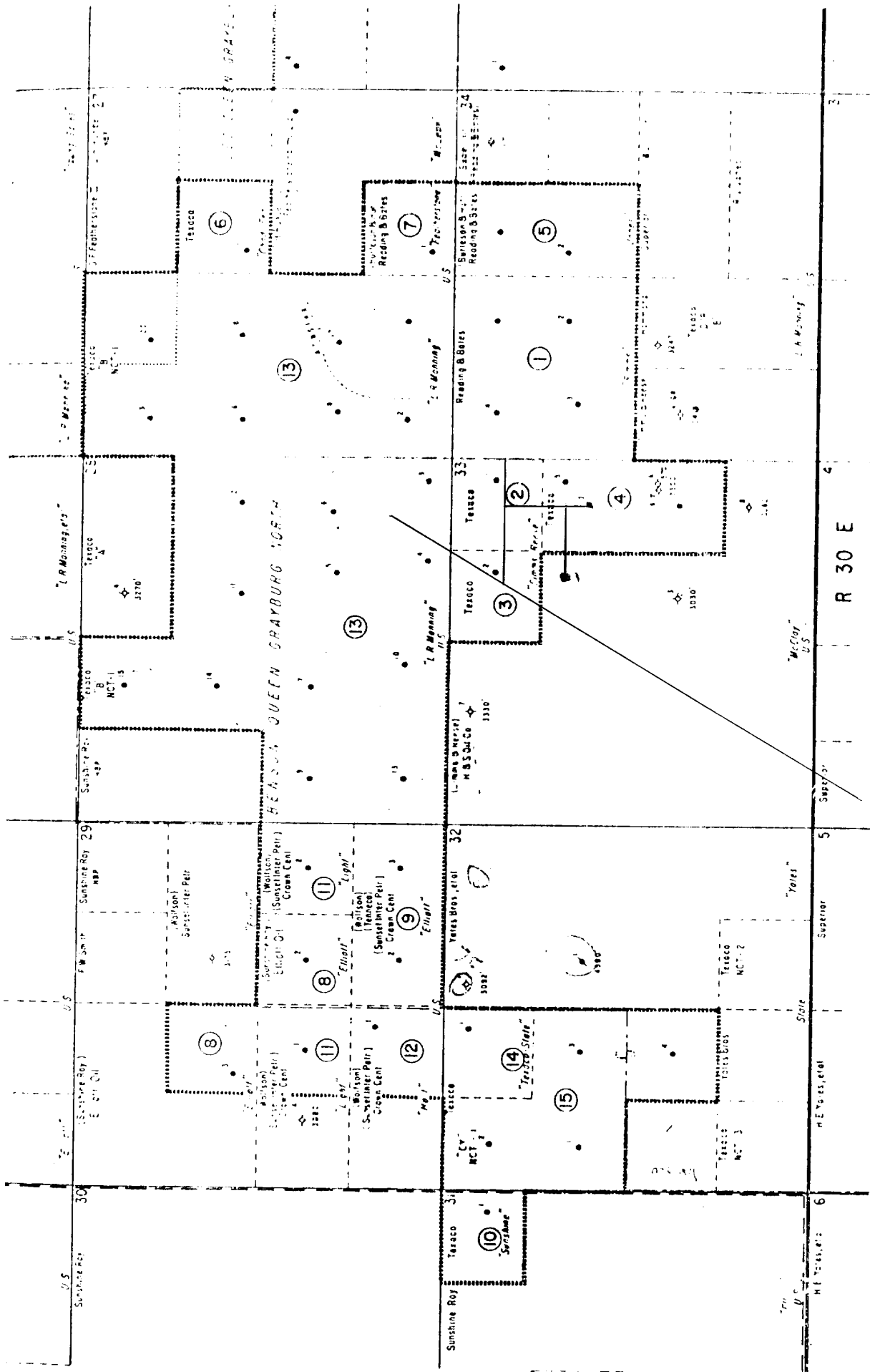
I hereby certify that the well location shown on this plat was obtained from field notes of a licensed surveyor made to me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.



Date Surveyed
July 26th 1975
Registered Professional Engineer
and Land Surveyor

James H. Brown
Certificate No. **542**





NORTH BENSON QUEEN UNIT AREA

EXHIBIT "A"

BENSON QUEEN-GRAYBURG NORTH FIELD

EDDY COUNTY, NEW MEXICO

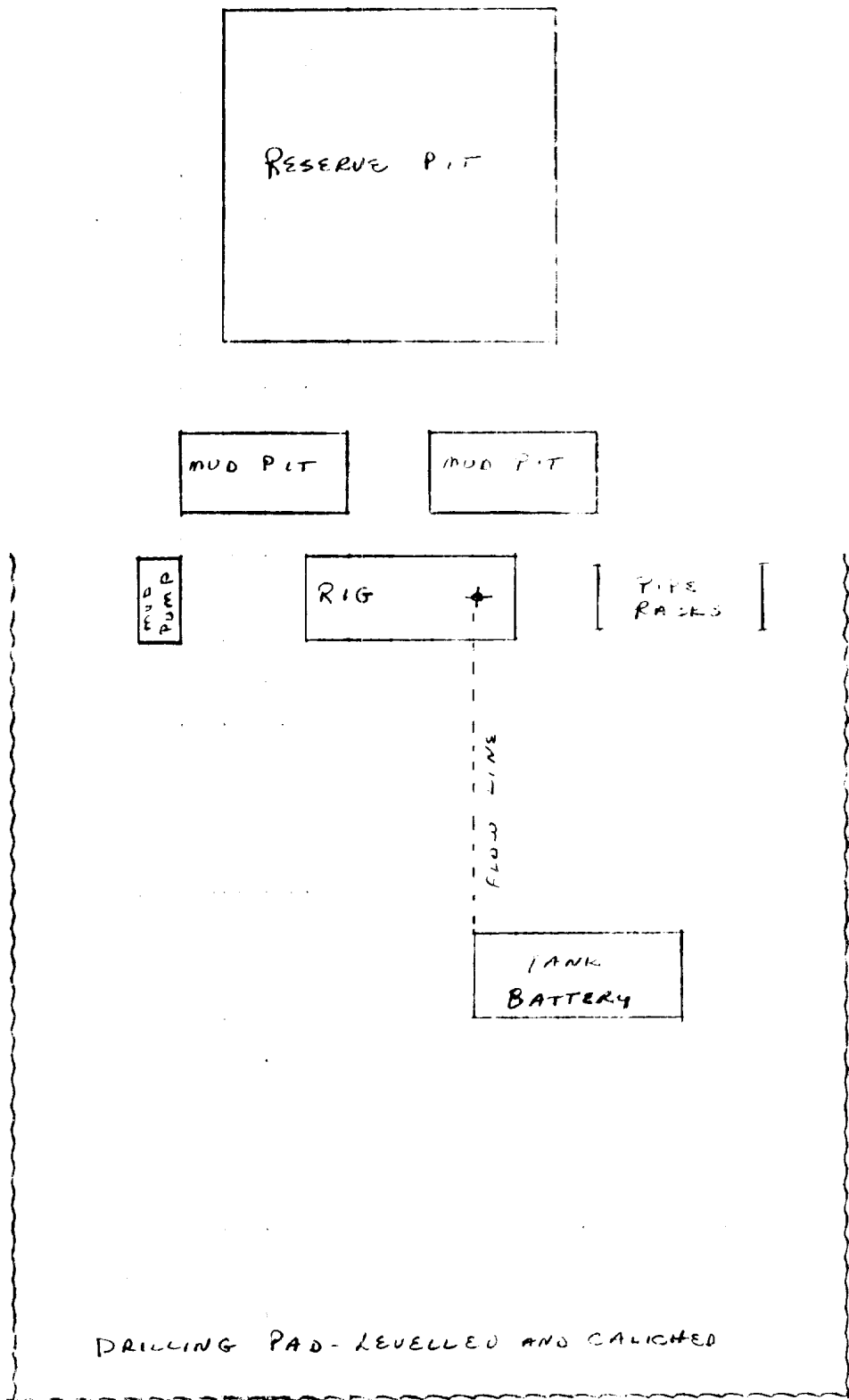
EXISTING ROAD
ROAD TO BE BUILT

LEGEND

— OUTLINE OF NORTH BENSON QUEEN UNIT AREA

1. Map Attached
2. Map Attached
3. Map Attached
4. Map Attached
5. Plat Attached
6. No water available anywhere near location. All drilling water will be trucked to location.
7. ~~Garbage~~ Trash will be stored in containers with a small pit dug on location to bury these materials when location is cleaned after well is drilled. Pits will have all cuttings etc from the drilling operation and will be covered when drilling and completion is finished.
8. No camp will be at location, no permanent-type structures will be constructed.
9. No airstrip will be constructed or used.
10. Plat attached
11. Surface of location will be cleaned, all pits covered, pad area and roads will be used for tank battery, trucking oil from battery, and pumpers entry to well.
12. Area is very sandy, almost flat, very little vegetation primarily mesquite.

N - SCALE 1" = 20'



Pits will be dug to cover garbage and trash which will be kept in containers until well is completed. Surface area is sandy with little vegetation except mesquite. Area involved is almost completely flat. Drilling water will be trucked to location. Oil will be trucked from tank battery.