



United States Department of the Interior

GEOLOGICAL SURVEY

P. O. Drawer 1857

Reswell, New Mexico 88201

October 31, 1975

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

Gentlemen:

Your Application for Permit to Drill well No. 10 McClay in the SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 33, T. 18 S., R. 30 E., N.M.P.M., Eddy County, New Mexico, lease Las Cruces 028978(b), to a depth of 3,450 feet to test the 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,

[Signature]

C. J. CURTIS
Acting Area Oil and Gas Supervisor

Attachment

cc:

Regional Manager, Denver

Mining Branch (2)

✓ RMDC-~~Artesia~~ (2) (w/2 cys Notice)

Artesia (w/cy Notice)

Reswell (2) (w/cy Notice)

Reswell (Chrono.)

RECEIVED

NOV 5 1975

O. C. C.
ARTESIA, OFFICE

RECEIVED

NOV 8 1975

D.C.C.
ARTERIAL, CLINIC

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 ☐

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

216 American Home Building Artesia, New Mexico 88210

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

At surface 1650' from North and 2310 from West line of Section 33

T 18S, R 30E

At proposed prod. zone

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

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

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.

19. PROPOSED DEPTH

3450

20. ROTARY OR CABLE TOOLS

Rotary

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

3488.8

22. APPROX. DATE WORK WILL START*

October 10, 1975

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	29#	500	150 sacks circulated
7 7/8"	4 1/2	9 1/2#	3450	250 sacks

RECEIVED

NOV 5 1975

O. C. C.
ARTESIA, OFFICE

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

Agent

DATE

9/23/75

(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.

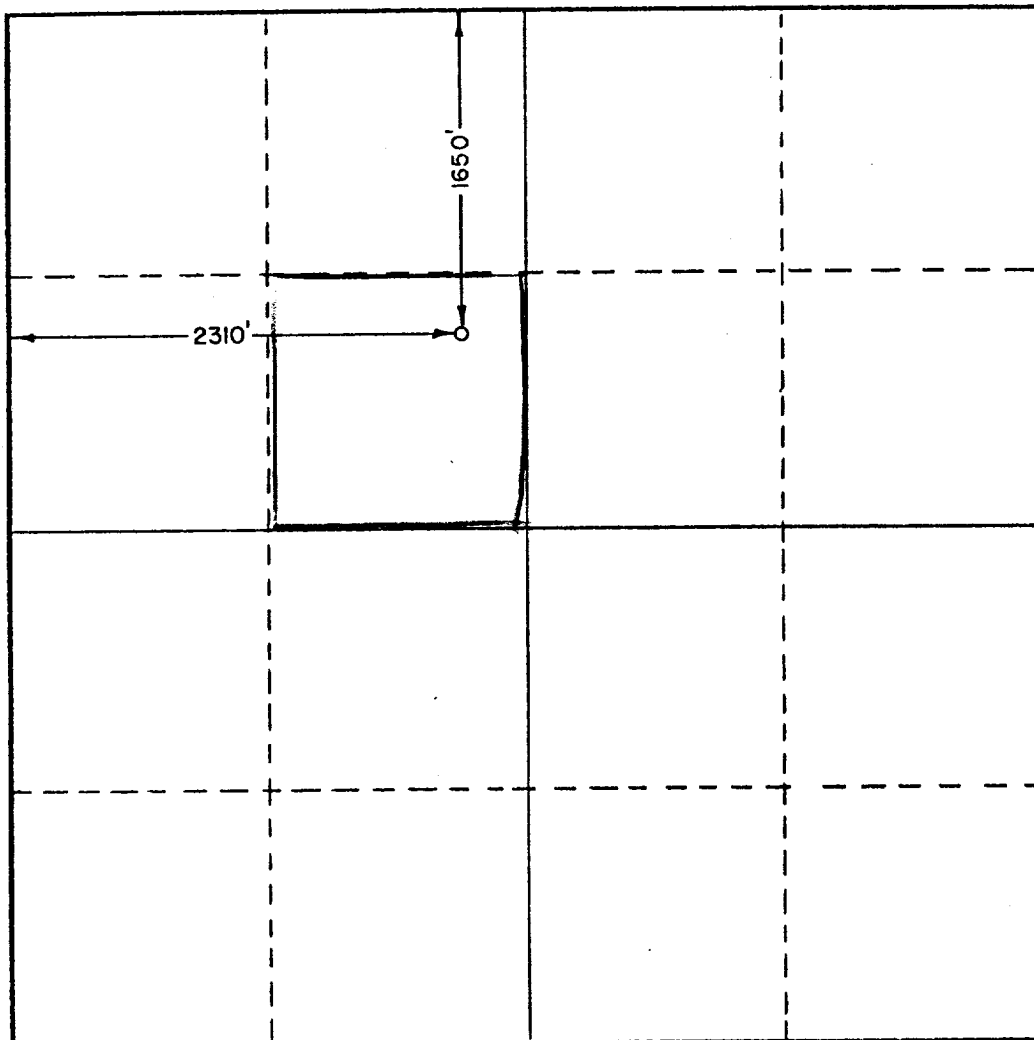
Operator H & S Oil Company			Lease McClay		Well No. 10
Unit Letter F	Section 33	Township 18 South	Range 30 East	County Eddy	
Actual Footage Location of Well: 1650 feet from the North line and 2310 feet from the West line					
Ground Level Elev. 3488.7	Producing Formation <i>Grayburg</i>		Pool <i>Block 1</i>	Dedicated Acreage: 4.0 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 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
[Signature]
Position
Agent
Company
H & S Oil Company
Date
9/24/75

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.

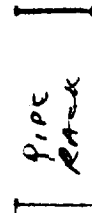
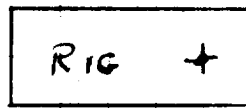
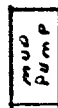
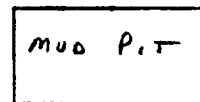
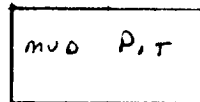
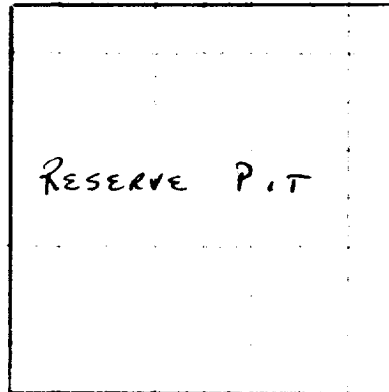
Date
September 25, 1975
Registered Professional Engineer and Land Surveyor
[Signature]
NEW MEXICO
Certificate No. *878*
JOHN W. WEST

0 330 660 990 1320 1650 1980 2310 2640 2000 1800 1600 1400 1200 1000 800

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 and 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 and scrub oak.

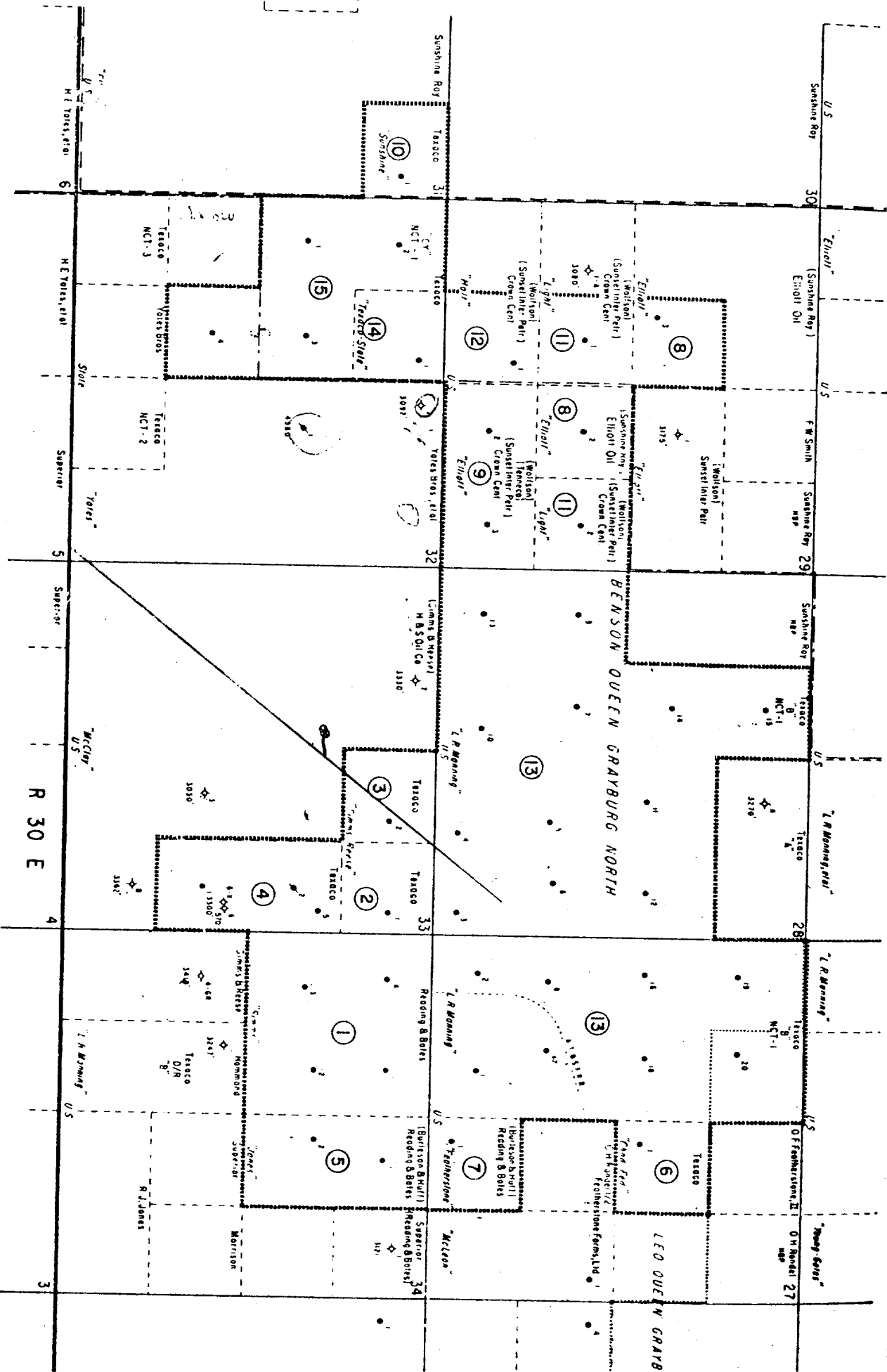
1. Not attached
2. Not attached
3. Not attached
4. Not attached
5. Not attached
6. No water available anywhere near location. All drilling water will be trucked to location.
7. Logging and crash will be stored in containers with a small pit dug on location. No new trees materials when location is cleared after well is drilled. This will have all contents etc. from the drilling operation and will be covered when drilling and completion is finished.
8. A camp will be at location, no permanent-type structures will be constructed. No airstrip will be constructed or used.
9. Not attached.
10. Entrance of location will be cleared, all pits covered, pad area and roads will be used for tank battery, trucking oil from battery, and fueling entry to well.
11. Area is very sandy, almost flat, very little vegetation; primarily mesquite and acacia.

11 - SCALE 1"=20'



DRILLING PAD - LEVELLED AND CALICHO

Pits will be dug to cover garbage and trash, which will be kept in containers until well is completed. Surface area sandy with gyp rock, and very little vegetation except mesquite and scrub oak. Area involved is relatively flat. Drilling water will be trucked to location. Oil will be piped to offset location to ease where it will be trucked from tank battery.



LEGEND

EXISTING ROAD
ROAD TO BE BUILT

150'

BENSON QUEEN-GRAYBURG NORTH FIELD
EDDY COUNTY, NEW MEXICO

EXHIBIT "A"

NORTH BENSON QUEEN UNIT AREA

① TRACT NUMBERS

SCALE: 0 4000' 8000'