

NMOCC COPY

SUBMIT IN DUPLICATE*
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.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 Bldg. - Artesia, New Mexico 88210

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

At surface

660' from South and 660' from West lines of

At proposed prod. zone

Section 18-T17S-R28E

DEC 7 1977

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

9 miles east of Artesia, New Mexico

O. C. C.
ARTESIA, OFFICE

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

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.

19. PROPOSED DEPTH

1900'

20. ROTARY OR CABLE TOOLS

Rotary

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

GR 3580.7

22. APPROX. DATE WORK WILL START*

December 10, 1977

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#	530'	200 sacks circulated
7 7/8"	5 1/2"	15 1/2#	1900'	250 sacks

Estimated formation tops: Seven Rivers 500', Queen 1040', Grayburg 1420', San Andres 1825'. Drilling fluid will be water with small amounts of mud additive from 1700' to assist in sample clarity. Well will be logged open hole with Gamma Ray Neutron. No abnormal pressures or hazards have been encountered in this field.

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NOV 10 1977

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

Herbert R. Spencer

TITLE

Partner

DATE 11/9/76

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

DEC 6 - 1977

APPROVED BY

Lee J. Lora

TITLE

ACTING DISTRICT ENGINEER

DATE

DEC 6 - 1977

CONDITIONS OF APPROVAL, IF ANY:

THIS APPROVAL IS RESCINDED IF OPERATIONS

ARE NOT COMMENCED WITHIN 2 MONTHS.

EXPIRES

MAR 6 - 1978

*See Instructions On Reverse Side

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 Hastie		Well No. 16	
Unit Letter M	Section 18	Township 17 South	Range 28 East	County Eddy	
Actual Footage Location of Well: 660 feet from the South line and 660 feet from the West line					
Ground Level Elev. 3580.7	Producing Formation Q. G. SA		Pool Red Lake		Dedicated Acreage: 40 Acres

- Outline the acreage dedicated to the subject well by colored pencil or hachure 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?

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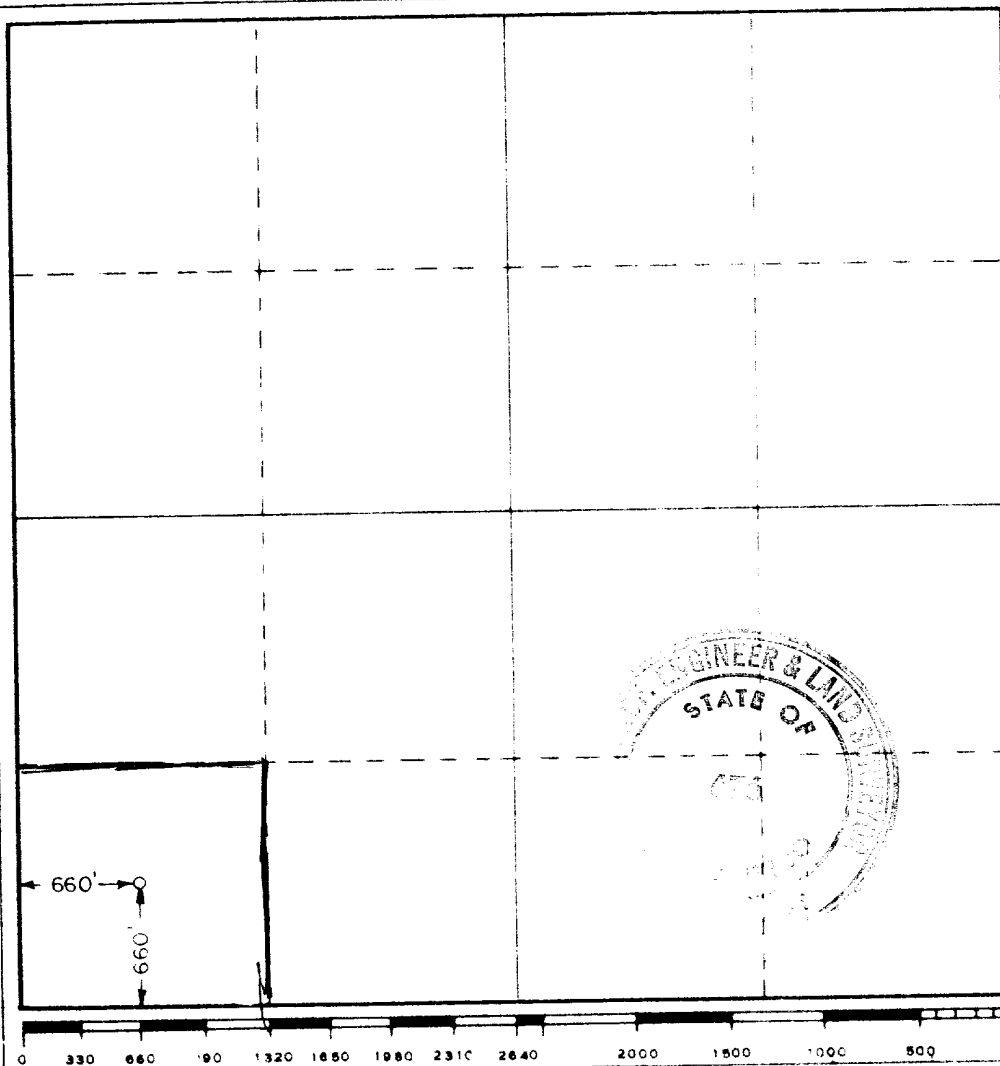
NOV 10 1977

**U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO**

☐ 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.

Herbert R. Spence
Name

Position

Partner

Company

H & S Oil Company

Date

11/9/77

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

11/3/77

Registered Professional Engineer
and/or Land Surveyor

W. West

Certificate No.

676

SURFACE USE PLAN

H & S OIL COMPANY

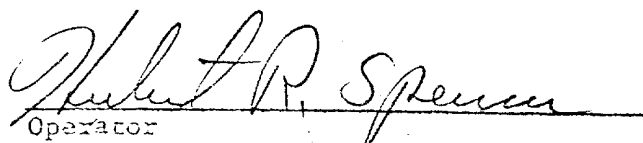
Hastie No. 16 - 660' FSL 660' FWL, Sec. 18, T17s, R28E

Lease ~~16~~ 045818, ^(a) Eddy County, N.M.

2C Field Well

1. EXISTING ROADS - Detailed map showing drillsite location in relation to a town or known point is shown on Exhibit C. Ten miles east of Artesia on Highway 82 turn north on bladed maintained road for 1/4 mile then turn northeast on a second bladed road for 3/4 mile then turn east 1/4 mile to location.
2. PLANNED ACCESS ROADS - No new road will be required.
3. LOCATION OF EXISTING WELLS - All existing wells within a one mile radius are shown on Exhibit B.
4. TANK BATTERY - In the event production is established, tank battery will be erected on drilling pad. No surface disturbance will be entailed other than the original pad construction.
5. LOCATION AND TYPE OF WATER SUPPLY - All drilling water will be trucked to location from Oasis Water Station, 4 miles east of Artesia by CLM Transportation over existing and requested new access road.
6. SOURCE OF CONSTRUCTION MATERIALS - Little surfacing will be required on access road or pad as caliche is within a few inches of surface. What material is needed will be taken from mud pits when they are constructed, and from caliche pit noted on Exhibit C. All roads used to haul water or construction material will be Federal lands.
7. METHODS OF HANDLING WASTE DISPOSAL - Well cuttings and drilling fluids will be in mud and reserve pits, which will be covered as soon as fluid has dried. All garbage and trash will be placed in trash pit Exhibit A, and covered when well is completed. Treating fluid will also be placed in mud pits and produced oil will be stored in test tanks and hauled from location by truck until line to battery is constructed.
8. ANCILLARY FACILITIES - No camps, airstrips, or buildings will be constructed.
9. WELLSITE LAYOUT - Exhibit A shows location of well pad including rig and component equipment and reserve pit, mud pits and trash pit. Well site will require only grading, no cuts or fills will be necessary. No pit will have plastic lining.
10. PLANS FOR RESTORATION OF THE SURFACE - If well is productive, pits will be filled and leveled as soon as fluid is dry, trash pit will be filled at completion of drilling. If well is non-productive pad and roads will be ripped and USGS or BLM stipulations will be complied with at time pits are dried and ready to cover.
11. OTHER INFORMATION - All surface is Federal ownership. Vegetation is very sparse, consisting of weeds in some areas, and nothing in most of total area. Area is fairly flat with almost no topsoil as caliche and rock surfaces on almost all the area. There are no surface waters within 4 miles and no windmills or water wells in same distance. Two deserted buildings from previous oil production on lease are approximately 1/2 mile from well site. Land has extremely limited grazing use and is in an extremely low environmental risk area with very minimal effect created by drilling and producing this and other wells on the lease. There is one deep draw as shown on Exhibit C which runs in an east-west direction approximately 1/2 mile south of this lease.
12. OPERATORS REPRESENTATIVE - H. R. Spencer, 216 American Home Building, Artesia, New Mexico, 88210. Office telephone (505) 746-6658. Home telephone (505) 746-2495
13. CERTIFICATION - I hereby certify that I, or persons under my direct supervision have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by H & S Oil Co. and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

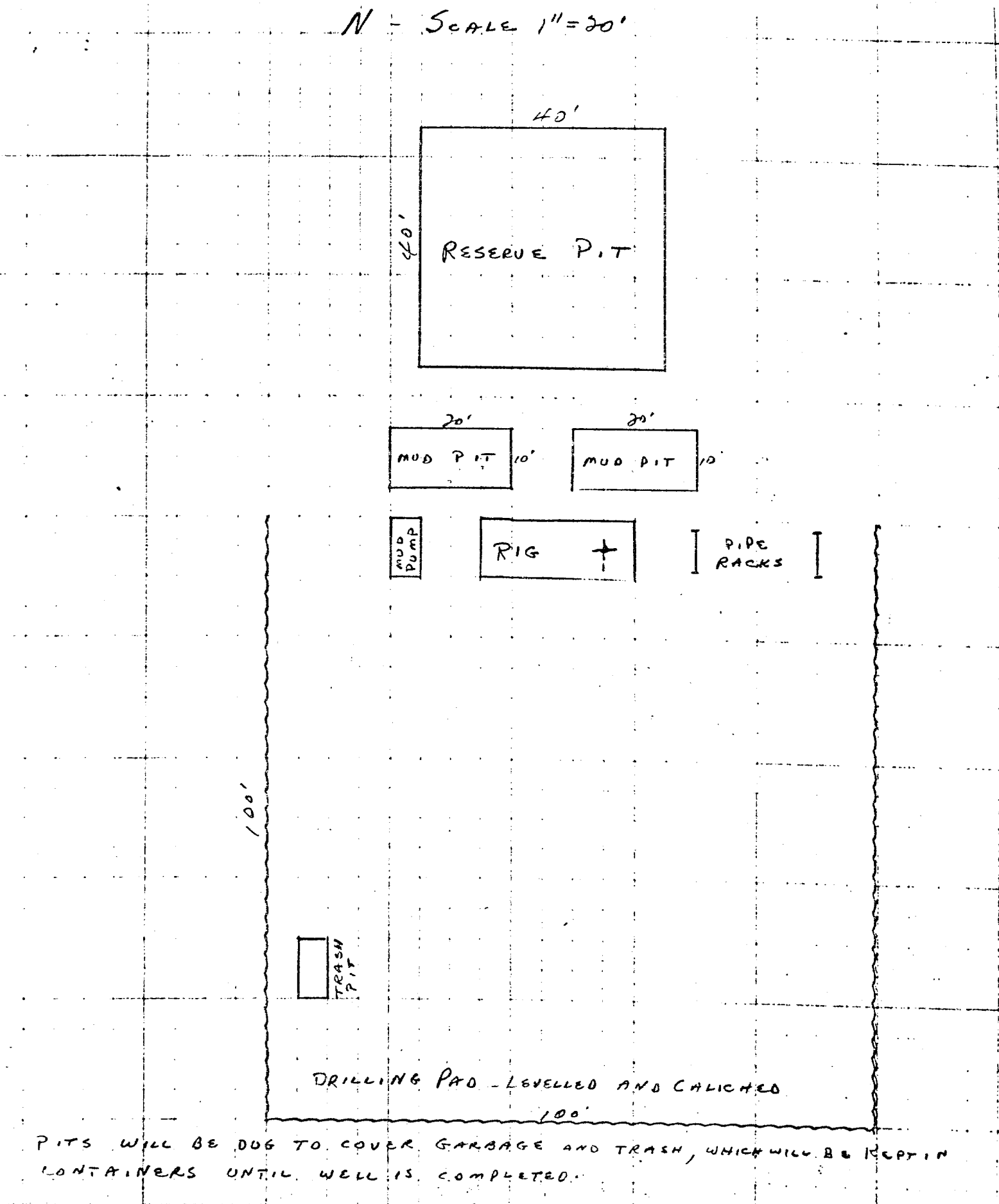
November 2, 1977
Date


Operator

H & S OIL COMPANY
216 American Home Bldg.
Artesia, N. M. 88210

HASTE No. 16
SW1/4 SW1/4 Section 18-T17S-R28E
Eddy County, NM.
Exhibit A

N - SCALE 1" = 30'



100

R28E
M.

[illegible]

2 S OIL COMPANY
American Home Bldg.
Artesia, N. M. 88210
Tract No. 16
SW 1/4 SW 1/4
Section 18-T17S-R28E
34th County, N.M.
Exhibit C

