

N.M.O.C.D. COPY
UNITED STATES
DEPARTMENT OF THE INTERIOR
MINERAL COMMISSION
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate
 (Other Instructions on
 reverse side)

Form App. 1
 Budget Bureau, No. 42-R1425.

30-04-20625
 5. LEASE DESIGNATION AND SERIAL NO.

NM-MI-37611

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

Scott-Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undesignated

11. SEC., T., R., M., OR BLK.
 AND SURVEY OR AREA

Sec. 20 - T4S-R33E

12. COUNTY OR PARISH 13. STATE

Roosevelt New Mexico

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 ☐

SEP 8 1981

SINGLE ZONE ☐

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Enserch Exploration, Inc.

OIL & GAS
 U.S. GEOLOGICAL SURVEY
 ROSWELL, NEW MEXICO

3. ADDRESS OF OPERATOR

1230 River Bend Drive - Suite 136 - Dallas, Texas 75247

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

At surface

660' FNL & 660' FEL (NE $\frac{1}{4}$ NE $\frac{1}{4}$) Sec. 20, T4S-R33E

At proposed prod. zone

Same

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

8 miles East of Elida, New Mexico

16. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

660'

18. DISTANCE FROM PROPOSED LOCATION*

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

19. PROPOSED DEPTH

8300'

20. ROTARY OR CABLE TOOLS

Rotary

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

4377.8' GR

22. APPROX. DATE WORK WILL START*

September 25, 1981

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	350'	460 sxs - Circulate to surface
12-1/4"	9-5/8"	36#	2000'	995 sxs - Circulate to surface
8-3/4"	5-1/2"	15.5# & 17.0#	8300'	700 sxs - Cement to 6250'

Propose to drill 17-1/2" hole to 350', set 13-3/8" surface casing and cement to surface. A 13-3/8", 3000 psi bradenhead and a 12", 3000 psi annulus preventer will be installed and tested before drilling the intermediate hole. Drill a 12-1/4" hole to 2000', set 13-3/8" intermediate casing and cement to surface. The 13-3/8" bradenhead will be removed and a 9-5/8", 3000 psi bradenhead & 12", 3000 psi double hydraulic BOP's installed. Drill an 8-3/4" hole to 8300', log, evaluate, and set 5-1/2" production casing at T.D. This is a Mississippian Lime Test.

EXHIBITS ATTACHED

A. Location and Elevation Plat

F. Radius Map of Existing Wells

B. Ten-Point Compliance Program

G. Drill Rig Layout and Cross Sections

C. Blow-out Preventer Diagram

D. Multi-Point Requirements for A.P.D.

E. Access Road Map

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

C. H. Peoples

TITLE

Regional Drilling Manager

DATE

Aug. 26, 1981

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

(O.C.D.) GEORGE H. STEVART

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side