

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 ☐

5. LEASE DESIGNATION AND SERIAL NO.

NM-04591

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Mescalero Ridge "D" Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Spring
Mescalero Escarpe Bone

11. SECTION, TOWNSHIP AND RANGE

UNDERSPECIFIED
Sec. 14-18S-33E

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Sun Exploration & Production Company

3. ADDRESS OF OPERATOR

P.O. Box 1861 Midland, TX 79702

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

At surface

330' FNL & 2000 FEL, Sec. 14, 18S-33E

At proposed prod. zone

Unit Letter B

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

Approximately 30 miles West of Hobbs, NM

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

1114.15

17. NO. OF ACRES ASSIGNED

40

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

None

19. PROPOSED DEPTH

9400

20. ROTARY OR CABLE TOOLS

Rotary

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

3972.8

GR

3982 KB

22. APPROX. DATE WORK WILL START*

ASAP

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	375 sks CL "C" + 2% CaCl ₂
12-1/4	8-5/8	24#	3300	1600 sks BJ Lite + CL "C" Neat
7-7/8	5-1/2	15.5# & 17#	9300	1400 sks CL "C" & BJ Lite, Tail in w/50 sks CL "C" Neat

Formation

Tops

Reservoir

Tops

Rustler 1700 (+2282)
Salado 1800 (+2182)
Tansill 3100 (+882)
Yates 3200 (+782)
7-Rvrs 3600 (+382)
Queen 4300 (-318)
Grayburg 4800 (-818)
San Andres 5100 (-1118)
Delaware Mtn Grp 5950 (-1968)

Mescalero Zone
Bone Spring

8652 (-4670)

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 prevention program, if any.

24.

SIGNED

Velma A. Rye

TITLE

Sr. Accounting Assistant

DATE

10/29/85

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

11-13-85

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

RECEIVED

NOV 15 1963

O.C.D.
HOBBS OFFICE