

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(Other instr. reverse side)

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

Sun Exploration & Production Co.

3. ADDRESS OF OPERATOR

P.O. Box 1861 Midland, Texas 79702

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

At surface

Unit Letter "L" 1980 FSL & 660 FWL
At proposed prod. zone

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

13 miles south of Maljamar

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

160

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

14330

20. ROTARY OR CABLE TOOLS

Rotary

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

3621.3 GR, 3638 RKB

22. APPROX. DATE WORK WILL START*

Upon approval

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20"	16	65#	330	450 SXS
17½"	13-3/8"	61#	2682	1000 SXS
12¼"	9-5/8	40#	7353	775 SXS
	7-5/8	(liner top 7040)	13342	900 SXS

1. MIRU well service unit. Install BOP. Lower 2-7/8" tbg and tag CIBP at 6500'. (Requires + 1650 tbg). POH w/ 2-7/8" tbg.
2. Dump 35' of cmt on top CIBP at 6500' w/ dump bailer. POH w/ bailer.
3. Gearhart RIH and set a 9-5/8" CIBP at 4900 on WL. Dump 15 sk cmt on top. Test csg and plug to 1000#.
4. Gearhart perf 9-5/8" csg w/ 4 way sqz gun at 3900'. RIH w/ 9-5/8" Baker FBRC pkr (or equivalent) on 2-7/8" tbg. Set pkr at 3850'.
5. Establish circulation through perfs at 3900' w/ lse wtr w/13-3/8" csg open. If circ obtained, POOH w/ pkr. Call results to Midland Office for cementing procedure.
6. Schlumberger run cmt bond-VDL log 3250 to 2000'. Geologist correlate Gamma-Ray-Collar Log to Schlumberger Borehole Compensated Sonic Log w/ Gamma-Ray dated 12-28-71. If CBL O.K., Schlumberger perf Yates Sand from 3017 to 3022 by Schlumberger Borehole Compensated Sonic Log w/ 4" Hyper Jet II Zero phased, decentralized csg gun (22 GRM Chg) (cont...)

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

DeAnn Kemp

TITLE

Acct. Assist II

DATE

3/31/82

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

APPROVED AS AMENDED
APR 6 1982
JAMES A. GILHAM
DISTRICT SUPERVISOR

*See Instructions On Reverse Side

RECEIVED

APR 7 1982

G.D.
MOBILITY OFFICE