

UNITED STATES
DEPARTMENT OF THE INTERIOR
HOBBS, NEW MEXICO
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. LC-063645		
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
2. NAME OF OPERATOR Sun Exploration & Production Company			7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR P.O. Box 1861 Midland, TX 79702			8. FARM OR LEASE NAME Mescalero Ridge Federal		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 430 FNL & 900 FEL, Sec. 13-18S-33E At proposed prod. zone Unit Letter A			9. WELL NO. 3		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 30 miles West of Hobbs, N.M.			10. FIELD AND POOL, OR WILDCAT Mescalero Escarpe Bone Spring		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 430			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 13-18-33E		
16. NO. OF ACRES IN LEASE 1074.69			12. COUNTY OR PARISH Lea		
17. NO. OF ACRES ASSIGNED 40 THIS WELL			13. STATE New Mexico		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1130'			20. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4050.4' GR			22. APPROX. DATE WORK WILL START* ASAP		

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% CaCl2
12-1/4	8-5/8	24# & 32#	3300	1300 sks Pacesetter Lite & 300
7-7/8	5-1/2	15.5# & 17#	9200	sks CL "C" Neat 600 sks CL "C" & 800 sks Pacesetter Lite Tail in w/50 sks CL "C" Neat

Formation	Tops	Reservoir	Tops
Rustler	1650	Mescalero Zone 8730	Mescalero Zone Bone Spring 8730 (-4625)
Salt	1750		
Base Salt	3000		
Yates	3150		
Seven Rivers	3550		
Queen	4340		
San Andres	5085		
Delaware	5910		
Bone Spring	6870		

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 Delma Reyes TITLE Sr. Accounting Assistant DATE 10/9/85

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY Don Wood DATE 10/22/85
CONDITIONS OF APPROVAL, IF ANY: _____

*See Instructions On Reverse Side

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

RECEIVED
OCT 23 1985
O.C.D.
HOBBS OFFICE