

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
SUBMIT IN PLICATE*
(Other instructions on reverse side)Form approved.
Budget Bureau No. 42-R1425.

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 checked="" 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 1700 FNL & 1700 FEL, Sec. 13-18S-33E At proposed prod. zone Unit Letter G			9. WELL NO. 2
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 WILD Spring Mescalero Escarpe Bone
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1700'			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 TO THIS WELL 40			13. STATE New Mexico
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 330'			19. PROPOSED DEPTH 9300'
20. ROTARY OR CABLE TOOLS Rotary			21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4006.8' 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 C1 "C" + 2% CaCl ₂
12-1/4	8-5/8	24# & 32#	3300	1300 sks BJ Lite + 300 sks CL 'C' Neat
7-7/8	5-1/2	15.5# & 17#	9300	600 sks C1 'C' & 800 sks BJ Lite Tail in w/50 sks C1 'C' Neat

Formation	Tops	Formation	Tops	Reservoir	Tops
Rustler	1660	Bone Spring	6985	Mescalero Zone	8855 (-4750)
Salt	1760	Mescalero Zone	8855	Bone Spring	
Base Salt	3050				
Yates	3195				
Seven Rivers	3614				
Queen	4455				
San Andres	5200				
Delaware	6025				

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 Velma Reyes TITLE Sr. Accounting Assistant DATE 9/30/85
(This space for Federal or State office use)PERMIT NO. 063645 APPROVAL DATE _____APPROVED BY _____ TITLE _____ DATE 10-9-85
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

RECEIVED

OCT 10 1985

O.C.D.
HOERS OFFICE