

NM OIL CONS COMMISSION
Dr r DD
Art UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instrs on reverse s.)

Form approved, 13367
Budget Bureau No. 1004-0136
Expires August 31, 1985

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. NM-29234
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Sonat Exploration Company - Midland 109487			7. UNIT AGREEMENT NAME APIW 30-015-28672
3. ADDRESS OF OPERATOR 110 W. Louisiana, Su. 500, Midland, Texas 79701			8. FARM OR LEASE NAME Lotos "11" Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 330' FNL & 330' FWL of Section 11 At proposed prod. zone Same UNIT D			9. WELL NO. 17624
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 20 miles east of Loving, New Mexico			10. FIELD AND POOL, OR WILDCAT Wildcat (Delaware/ Bone Springs)
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 330'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 11, T-24S, R31E
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2310'			12. COUNTY OR PARISH Eddy Co.
19. PROPOSED DEPTH 9050'			13. STATE N.M.
20. ROTARY OR CABLE TOOLS Rotary			17. NO. OF ACRES ASSIGNED TO THIS WELL 40
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3489' Ground Level Carlsbad Controlled Water Basin			22. APPROX. DATE WORK WILL START* September 1, 1995

PROPOSED CASING AND CEMENTING PROGRAM					Secretary's Potash
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT	
14 3/4"	11 3/4"	42# WC50	810'	Sufficient to circulate	
11"	8 5/8"	24 & 32#J-55	4300'	Sufficient to circulate	
7 7/8"	5 1/2"	17# J-55	9050'	2050sx	

The operator proposes to drill to a depth sufficient to test the Delaware and Bone Springs for oil. Specific programs are outlined in the following attachments:

DRILLING PROGRAM
SURFACE USE AND OPERATING PLAN
EXHIBIT A - ROAD MAP
EXHIBIT B - EXISTING WELL MAP
EXHIBIT B-1 ACCESS ROAD AND FACILITIES MAP
EXHIBIT C - LOCATION AND ACREAGE DEDICATION PLAT
EXHIBIT C-1 TOPO MAP
EXHIBIT D - DRILLING AND RIG LAYOUT
EXHIBIT E - 3M BOP EQUIPMENT

RECEIVED

SEP 26 1995

Approval Subject to
General Requirements and
Special Stipulations
Attached

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 K. Glenn Carter TITLE Sr. Drlg. and Prod. Engr. DATE 7/28/95
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY H.G. / beat J. Lucca TITLE Acting STATE Director DATE 9-21-95
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side