

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NOV 01 1984

O. C. D.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK RE-ENTER--DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. N/M 42409
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 Pool Oil Co.			7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 5 Summer Wind Place, Roswell, New Mexico 88201			8. FARM OR LEASE NAME HEATHER USA
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 990' FNL & 1980' FWL At proposed prod. zone Same			9. WELL NO. 1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approx. 6.5 mi. N.W. of Maljamar, NM			10. FIELD AND POOL, OR WILDCAT Square Lake, Grbg/S.A.
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 27, T16S, R31E
330'	120	40	12. COUNTY OR PARISH
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH	20. ROTARY OR CABLE TOOLS	Eddy
None	3828'	Rotary	13. STATE NM
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4070.5 GR			22. APPROX. DATE WORK WILL START* 11-1-84

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
* 12 1/4"	8 5/8"	24#	383'	125 sx
7 7/8"	5 1/2"	15.5#	3828'	sufficient to circulate
* (the 8 5/8" casing was left intact)				

Pool Oil Co. intends to re-enter this well (formerly the John H. Trigg, Federal "0", 1-27, plugged & abandoned June 29, 1962) to + 3828', to evaluate the Queen, Grayburg, and San Andres formations.

Attachments: Survey Plat (C-102)
Supplemental Drilling Data
Surface Use Plan

Mud Program: See Exhibit D

BOP Program: A Shaffer 900 double BOP will be used, (see Exhibit E)

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 Fred F. Pool, III TITLE President DATE 10-10-84
(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE
APPROVED BY AREA MANAGER
CONDITIONS OF APPROVAL, IF ANY: TITLE CARLSBAD RESOURCE AREA DATE 10-31-84

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

*See Instructions On Reverse Side