

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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"/>		<div style="border: 2px solid black; padding: 5px; text-align: center;"> RECEIVED BY APR -6 1987 O. C. D. Dallas, Texas Office 75251 </div>	5. LEASE DESIGNATION AND SERIAL NO. NM-11327
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 Petrus Oil Company, L.P.			7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 12201 Merit Drive, Suite 900, Dallas, Texas 75251			8. FARM OR LEASE NAME Henshaw Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 330' FSL & 1750' FWL, SE/4 SW/4, Unit letter N At proposed prod. zone Same		9. WELL NO. 1	10. FIELD AND POOL, OR WILDCAT Wildcat-Devonian
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 6 1/2 air miles North of Loco Hills, New Mexico		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 14, T16S, R30E	12. COUNTY OR PARISH Eddy
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 330'		16. NO. OF ACRES IN LEASE 280	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. 1650'		19. PROPOSED DEPTH 11,700'	20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, BT, GR, etc.) 3821' GR		22. APPROX. DATE WORK WILL START* April 1, 1987	

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"	54.50#	375'±	300 sx(Circulated)
12 1/4"	8 5/8"	24 & 32#	3100'±	1100 sx(Circulated)
7 7/8"	5 1/2"	17 & 20#	T.D.	Cement to isolate all oil, gas and water zones

Proposed plans are to drill to the Devonian formation and test for possible commercial production of oil and gas.

Selectively perforate and treat pay sections of interest.

B.O.P. sketch is attached.

Post ID-1
NL, API
4-17-87

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 Larry W. Franklin TITLE Agent DATE 3/20/87
(This space for Federal or State office use)

PERMIT NO. Orig. Spd. Linda S. Franklin APPROVAL DATE 3-31-87
APPROVED BY Linda S. Franklin TITLE Agent DATE 3-31-87
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.