

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY **AMENDED**

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK **Re-enter** ☒ **DEEPEN** ☐ **PLUG BACK** ☐
b. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐
2. NAME OF OPERATOR **CONOCO INC.**
3. ADDRESS OF OPERATOR **P. O. Box 460, Hobbs, N.M. 88240**
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface **660' FSL & 1980' FEL**
At proposed prod. zone **Same**
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

5. LEASE DESIGNATION AND SERIAL NO.
LC-032099(a)
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
NMFU
8. FARM OR LEASE NAME
Lockhart A-1B
9. WELL NO.
2
10. FIELD AND POOL, OR WILDCAT
Eumant Yates 7 Rvrs Qn.
11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
Sec 18-21S-36E
12. COUNTY OR PARISH
Lea
13. STATE
NM

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
40
18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.
19. PROPOSED DEPTH
3924'
20. ROTARY OR CABLE TOOLS
Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.)
22. APPROX. DATE WORK WILL START*
upon app'l.

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
	10 3/4"	40#	336'	
	7 5/8"	26.4#	1654'	
	5 1/2"	17#	3837'	

It is proposed to convert the P&A'd wellbore into a useable wellbore for the Eunice Monument South WF. This well will be an oil producer in the WF. The casing program is shown above and will not change. Procedures are as follows: Set deadman anchors. Remove P&A marker. Drill 40' surface hole in cmt plug. MURU. DO cmt plug at surface to 160'. DO cmt plug @ 3540'-3700'. Circ. out 10 ppg mud from 3700'-3924'. Set pkr @ 3777' & pressure up to 500 psi. Rel pkr. If csg does not hold pressure, set RBP @ 3777' & locate leak via the pkr. Csg. repair recommendations will follow. A Surface Use Plan has not been included as we will not be constructing any new roads or disturbing any new surface area.

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 David A. Engle TITLE Administrative Supervisor DATE 2/19/85

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____ DATE 2-22-85
CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

*See Instructions On Reverse Side

RECEIVED

FEB 25 1985

O.C.D.
HOBBS OFFICE