

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 type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM05576860
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 Conoco Inc.		7. UNIT AGREEMENT NAME SEMU
3. ADDRESS OF OPERATOR 10 Desta Drive West Midland, TX 79705		8. FARM OR LEASE NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 660' FNL & 1980' FEL At proposed prod. zone Tubb		9. WELL NO. 120
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT Monument Tubb
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 14, T-20S, R-37E
16. NO. OF ACRES IN LEASE		12. COUNTY OR PARISH Lea
17. NO. OF ACRES ASSIGNED TO THIS WELL 80		13. STATE NM
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		20. ROTARY OR CABLE TOOLS
19. PROPOSED DEPTH 6100'		22. APPROX. DATE WORK WILL START*
21. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 3565'		

PROPOSED CASING AND CEMENTING PROGRAM

HOLE SIZE	CASING SIZE	WEIGHT/FOOT	GRADE	THREAD TYPE	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	K-55	ST&C	1390'	550 sxs
8-1/2"	7"	26#	K-55	ST&C	6730'	1729 sxs

It is proposed to recomplete this well from the Tubb to the Blinebry by the following procedure:

1. Set RBP above Tubb formation at 6100'.
2. Perforate Blinebry intervals: 5968'-76', 5931'-58', 5896'-5920' 5794'-5828', 5760'-82', 5710'-40'.
3. Acidize with 6,000 gals 15% HCL.
4. Sand frac with 65,000 gals cross-linked gel and 186,000 #sand.
5. Place on production.

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 Jerry W. Hoover TITLE Regulatory Coordinator DATE 1/21/91

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE 1-28-91

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side