

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> RECEIVED BACK <input checked="" type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-4986
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 Chevron U.S.A. Inc.		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P.O. Box 670, Hobbs, NM 88240		8. FARM OR LEASE NAME Pacheco Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) Unit J, 1980' FSL and 1980' FEL At proposed prod. zone		9. WELL NO. 1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT Burton Flat N.
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec.31, T19S, R28E
16. NO. OF ACRES IN LEASE		12. COUNTY OR PARISH Eddy
17. NO. OF ACRES ASSIGNED TO THIS WELL		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
21. ELEVATIONS (Show whether DF, RT, GR, etc.)		22. APPROX. DATE WORK WILL START*

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

ABANDON MORROW PAY 10742-10830 BY SETTING CIBP @ 10700 & CAPPING W/35' CMT, PLUGBACK TO STRAWN FORMATION & PERF STRAWN PAY 9593-9642 AND ACIDIZE WITH 3000 GALS 15% NEFE HCL, RETURN TO PRODUCTION AS STRAWN PRODUCER.

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 <u>M. E. Abbin</u>		TITLE <u>Staff Drlg. Engr.</u>	DATE <u>12-05-89</u>
(This space for Federal or State office use)			
PERMIT NO. _____	APPROVAL DATE _____		
APPROVED BY <u>Orig. Signed by Adam Salasch</u>	PETROLEUM ENGINEER		
CONDITIONS OF APPROVAL, IF ANY:	TITLE _____	DATE <u>12 12 89</u>	