

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N. M. OIL CONS. COMMISSION
P. O. BOX 1880
HOBBES, NEW MEXICO 87400
SUBMIT IN TRU DATE*
(Other instruct on
reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires December 31, 1988

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> Re-entry DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		
b. TYPE OF WELL Horizontal lateral from milled section in 5 1/2" casing 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"/>		
2. NAME OF OPERATOR Petroleum Development Corporation		
3. ADDRESS OF OPERATOR 9720-B Candelaria NE, Albuquerque, NM 87112		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 2100' FSL & 1980' FEL, Section 25, T7S, R31E At proposed prod. zone Unit J		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)	540'	16. NO. OF ACRES IN LEASE 320
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.
1320'	19. PROPOSED DEPTH 4086'	20. ROTARY OR CABLE TOOLS Horizontal Articulated Down Hole Motor
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4408' RT		22. APPROX. DATE WORK WILL START* 9/15/93

5. LEASE DESIGNATION AND SERIAL NO. NM-15677A	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME Strange Federal	
9. WELL NO. 3	
10. FIELD AND POOL, OR WILDCAT Tomahawk Sean Andres	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 25, T7S, R31E	
12. COUNTY OR PARISH	13. STATE

PROPOSED CASING AND CEMENTING PROGRAM

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

ALL OPERATIONS WILL BE CONDUCTED USING COMPLETION RIG.

1. Drill cement plugs @ surface to 450', 1557' to 1750', 3655' to 3705' and drill the cast iron bridge plug @ 3705'.
2. Cement squeeze perforations at 3808' to 4227'.
3. Drill out cement to 4030'.
4. Mill casing from 3956' to 4006'.
5. Drill horizontal hole through the vertical depth 4044' to 4086' in a direction of our choice, however, the end of the lateral will be maintained 100' from the lease line.

A 24' x 60' x 6' working pit will be built and lined w/plastic on the original reserve pit site w/1/2 pit volume below actual ground level.

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 J.C. Johnson TITLE President DATE 8/18/93
(This space for Federal or State office use)

PERMIT NO. David Stout APPROVAL DATE 9/28/93
APPROVED BY Asst. Area Manager TITLE Asst. Area Manager DATE 9/28/93
CONDITIONS OF APPROVAL, IF ANY:

APPROVAL OF THIS APPLICATION DOES NOT WARRANT OR CERTIFY THAT THE APPLICANT HOLDS LEGAL OR EQUITABLE TITLE TO THOSE RIGHTS IN THE SUBJECT LEASE WHICH ENTITLE THE APPLICANT TO CONDUCT OPERATIONS THEREON.

PLEASE BE ADVISED THAT THERE WILL BE NO EXCAVATION OF FEDERALLY OWNED MINERAL MATERIAL FOR CONSTRUCTION OF THE ACCESS ROAD OR PAD WITHOUT PAYMENT IN ADVANCE.

By signing this application, the applicant hereby certifies that he or she is a natural 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.