

Form 3160-3
(November 1983)
(formerly 9-331C)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

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"/>			5. LEASE DESIGNATION AND SERIAL NO. NM-36188		
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
2. NAME OF OPERATOR McKay Oil Corporation			7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR P.O. Box 2014, Roswell, New Mexico 88202			8. FARM OR LEASE NAME Rugged Federal		
4. LOCATION OF WELL (Report location clearly and in accordance with any state regulations.) At surface 580' FEL & 330' FNL, NE/4 NE/4, Unit letter A			9. WELL NO. 4		
At proposed prod. zone Same			10. FIELD AND POOL, OR WILDCAT W. Pecos Slope-Abo		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 33 air miles Northwest of Roswell, New Mexico			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 26, T5S, R21E		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 330'		16. NO. OF ACRES IN LEASE 2560	17. NO. OF ACRES ASSIGNED TO THIS WELL 160		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3650'		19. PROPOSED DEPTH 3400'	20. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4285' GR			22. APPROX. DATE WORK WILL START* August 1, 1987		

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24.0#	900'±	Class 'C' to surface
7 7/8"	4 1/2"	10.5#	T.D.	Cement to 600' above T/Pay and/or to isolate all oil, gas and water zones

Exp. Int. 2-12-96 30-005-62518

Propose to drill and test the Abo formation. Potential zones of interest in the Abo formation will be perforated and stimulated as needed for production.

B.O.P. Program: B.O.P. will be installed on 8 5/8" casing and tested daily.

Gas is not dedicated.

Post ID-1
7-24-87
New Loc + APZ

Exp Int. 2-12-96- 30-005-62518

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 John W. Franklin TITLE Landman DATE June 5, 1987

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY S/Phil Kirk TITLE Area Manager DATE JUL 14 1987

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 WOULD ENTITLE THE APPLICANT TO CONDUCT OPERATIONS THEREON.

Exp. Int. 2-15-86 30-002-68218