

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. 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
2. NAME OF OPERATOR McKay Oil Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 2014, Roswell, New Mexico 88202		7. UNIT AGREEMENT NAME Rugged Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 990' FWL & 660' FSL, SW/4 SW/4, Unit letter M At proposed prod. zone Same		8. FARM OR LEASE NAME 1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 33 air miles Northwest of Roswell, N.M.		9. WELL NO. 1
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'		10. FIELD AND POOL, OR WILDCAT W. Pecos Slope Abo
16. NO. OF ACRES IN LEASE 2560		11. SEC., T., R., N., OR D.E. AND SURVEY OR AREA Sec. 26, T5S, R21E
17. NO. OF ACRES ASSIGNED TO THIS WELL 160		12. COUNTY OR PARISH 13. STATE Chaves NM
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3870'		20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4273' GR		22. APPROX. DATE WORK WILL START* ASAP

## 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 J-55	900'	850 cf cement circulated
7 7/8"	4 1/2"	10.5 J-55	TD	1200 cf cement including 480 cf to tie in 4 1/2" to 8 5/8" from 1500' to 800'.

We propose to drill and test the Abo formation. Approximately 900' of surface casing will be set and cemented to surface. If commercial, 4 1/2" production casing will be run and cemented with adequate cover, perforated and stimulated as needed for production.

MUD PROGRAM: See Supplemental Drilling Data Which is Attached.

BOP PROGRAM: BOP will be installed on 8 5/8" casing and tested daily.

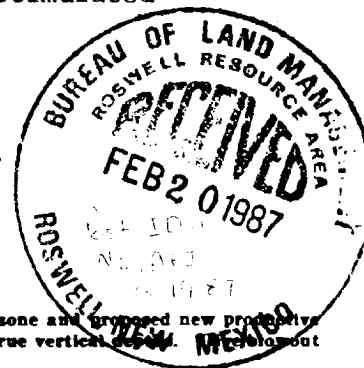
Gas is not dedicated.

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 depth. If proposal is to install a plug or preventer program, if any.

24. SIGNED Jerry W. Franklin TITLE Landman DATE 2/11/87  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
S/Phil Kirk Area Manager  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE JUN 10 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 LAND WHICH WOULD ENTITLE THE APPLICANT TO CONDUCT OPERATIONS THEREON.



Exh. 24. 2-13-82 30-002-02486