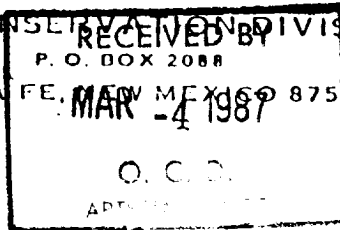


STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-101
15-10-78
30-005-62453

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5A. Indicate Type of Lease
STATE ☒ FEE ☐
5. State Oil & Gas Lease No.
LG-5561

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL ☒ DEEPEN ☐ PLUG BACK ☐			7. Unit Agreement Name
b. Type of Well OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐			8. Farm or Lease Name Ruffin State
2. Name of Operator McKay Oil Corporation ✓			9. Well No. 2
3. Address of Operator P.O. Box 2014, Roswell, New Mexico 88202			10. Field and Pool, or Wildcat W. Pecos Slope Abo
4. Location of Well UNIT LETTER <u>I</u> LOCATED <u>1980'</u> FEET FROM THE <u>South</u> LINE AND <u>990'</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>28</u> TWP. <u>5S</u> RGE. <u>22E</u> NMPM			12. County Chaves
19. Proposed Depth 3,400'		19A. Formation Abo	20. Rotary or C.T. Rotary
21. Elevations (Show whether U.P., H.T., etc.) 4154GL	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor Grande Drilling	22. Approx. Date Work will start ASAP

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	8 5/8"	24.0 J-55	850 ±	450 sacks	surface
7 7/8"	4 1/2"	9.5 J-55	TD	250 sacks	circ.

1. Drill 12 1/4" hole to 850' and run 8 5/8" casing and cement to surface.
2. Wait on cement for ¹⁸ hours.
3. Nipple up using Double Ram Blow Out Preventer and pressure test casing to 1000 psi for 30 minutes.
4. Drill 7 7/8" hole to 3,400' to adequately test the Abo formation.
5. Run 4 1/2" casing if warranted or plug and abandoned as directed by the Oil Conservation Division of the Energy and Minerals Department.

THIS PERMIT IS VALID FOR 180 DAYS
PERMIT EXPIRES 9-4-87
ONCE DRILLING UNDERWAY

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, GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed [Signature] Title Landman Date 3-3-87

(This space for State Use)

Original Signed By
Mike Williams
Oil & Gas Inspector

APPROVED BY _____ TITLE _____ DATE MAR 4 1987

CONDITIONS OF APPROVAL, IF ANY