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NEW MEXICO OIL CONSERVATION COMM. ON

Form C-101
Revised 11-65

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL ☐ DEEPEN ☐ PLUG BACK ☒		5a. Indicate Type of Lease STATE ☒ FEDERAL ☐
b. Type of Well OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐		6. State Oil & Gas Lease No. B-3480-1
c. Name of Operator Gulf Oil Corporation		7. Lease Agreement Date
d. Address of Operator P. O. Box 670, Hobbs, NM 88240		8. Farm or Lease Name R. E. Cole (NCT-A)
e. Location of Well UNIT LETTER N LOCATED 1075 FEET FROM THE South LINE AND 2395 FEET FROM THE West LINE OF SEC. 16 TWP. 22S RGE. 37E AMPM		9. Well No. 9
		10. Field and Pool, or Whist Blinebry
		11. County Lea
12. Elevations (Show whether DT, RT, etc.) 3384' GL		13. Proposed Depth
21A. Kind & Status Plug Bond		14A. Formation
21B. Drilling Contractor		22. History or C.T.
22. Approx. Date Work will start		

23. PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
NO NEW CASING					

Obtain stabilized GOR test and fluid level prior to starting job. POH with production equipment. Set CIBP at 6300' to TA Drinkard, test casing to 1000#. Perf Blinebry 5443-45', 5470-72', 5479-81', 5490-92', 5515-17' and 5541-43' with (2) 1/2" burrless JHPF (24 JH's, 6-2' zones). Spot 15% acid 5543'-5400'. Acidize Blinebry with 4000 gals 15% NEPE slick HCL and (30) 7/8" RCNB's. Flush to perfs with slick 8.6# GKF. Frac Blinebry with 54,000 gals frac pad, 78,000# 20/40 sand and (20) 7/8" RCNB's; use rock salt as required. Set RBP at 2200', cap with 10'-15' frac sand. Perf 1200' with (4) 1/2" JH's. Pump down 7" casing and out 7" - 9-5/8" annulus with 10# brine water. Set cement retainer at 1160'. Circulate 300 sacks Class "C" + 2% CaCl₂ mixed to 14.8#/gal. When cement returns to surface, close surface valve and squeeze remainder of cement into formation. Reverse out excess cement. WOC. Drill out cement retainer and cement; clean out to RBP and reverse sand from RBP. POH with RBP. Run production equipment; place well on production. Report stabilized test.

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 Geyne Sem Title Area Engineer Date 3-18-81

(This space for State Use)

APPROVED BY DATE TITLE DATE

CONDITIONS OF APPROVAL, IF ANY: