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NEW MEXICO OIL CONSERVATION COMMISSION **RECEIVED**

Form C-101  
Revised 1-14-65

JAN 29 1981

O. C. D.  
ARTESIA, OFFICE

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
L-1462	

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

1a. Type of Work		7. Unit Agreement Name	
1. Type of Well DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>		8. Firm or Lease Name	
2. Well Zone OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		Eddy "GR" State	
3. Name of Operator		9. Well No.	
Gulf Oil Corporation /		1	
4. Address of Operator		10. Field and Loc., or Wellbore	
P. O. Box 670, Hobbs, NM 88240		M. Lovin <del>Atoka</del>	
4. Location of Well		11. County	
UNIT LETTER E LOCATED 2230 FEET FROM THE North LINE		Eddy	
AND 660 FEET FROM THE West LINE OF SEC. 16 TWP. 23S RGE. 28E NMPM			
11. Proposed Depth		19A. Formation	
3021' GL			
21A. Kind & Status Plug. Bond		22. Approx. Date Work will start	

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
No New Casing					

POH with production equipment. Set CIBP at 12,150', cap with 35' cement; Set CIBP at 11,900', cap with 35' cement to abandon Atoka and Morrow. Perf 11,325' with (2) 1/2" 180° phased JHPF. Set cement retainer at 11,275', test tubing to 6000#. Block squeeze perfs with 75 sacks Class "H" with 0.6% Halad 9 and 0.4% CFR-2. Reverse excess cement. Perf 11,170' with (2) 1/2" 180° phased JHPF. Set cement retainer at 11,120'. Block squeeze perfs 11,170' with 75 sacks Class "H" with 0.6% Halad 9 and 0.4% CFR-2. Reverse excess cement. WOC 24 hours. Drill out cement retainer and cement at 11,120' and clean out to cement retainer at 11,275'. Perf 11,221-28', 11,240-44' with (2) 1/2" burrless JHPF (22 holes). GIH with production equipment.

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 R. D. Pitman Title Area Engineer Date 1-28-81

(This space for State Use)

APPROVED BY Mike Williams TITLE OIL AND GAS INSPECTOR DATE FEB 02 1981

CONDITIONS OF APPROVAL, IF ANY: