

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease
STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.
B-1732

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

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name	
2. Name of Operator		Harry Leonard (NCT-C)	
3. Address of Operator		9. Well No.	
Gulf Oil Corporation		15	
Box 670, Hobbs, New Mexico 88240		10. Field and Pool, or Wildcat	
4. Location of Well UNIT LETTER <u>G</u> LOCATED <u>1650</u> FEET FROM THE <u>North</u> LINE AND <u>2013</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>36</u> TWP. <u>21-S</u> RGE. <u>36-E</u> NMPM		Drinkard	
		12. County	
		Lea	
		19. Proposed Depth	
		6785'	
		19A. Formation	
		Drinkard	
		20. Rotary or C.T.	
		Reverse Unit	
21. Elevations (Show whether DF, RT, etc.)		21B. Drilling Contractor	
3498' GL			
21A. Kind & Status Plug. Bond		22. Approx. Date Work will start	
Blanket		October 1, 1975	

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11"	8-5/8"	24#	2135'	400 sacks (Circulated)	
7-7/8"	5-1/2"	14#	5892'	610 sacks (TOC at 2270')	

Deepen and complete in Drinkard as follows: Squeeze Blinbry perforations 5552' to 5738' with 100 sacks of cement. WOC 24 hours. Test squeezed perforations with 750#, 30 minutes. Drill 4-3/4" hole to 6785'. Set 4" OD 11.6# K-55 liner at 6785' with top at 5790'. Cement with approximately 150 sacks of cement. WOC 24 hours. Clean out and test liner with 4000#, 30 minutes. Perforate Drinkard zone in 4" liner with 4, 1/2" JHPF in the approximate interval 6500' to 6700'. Run treating equipment and treat new perforations with 2,000 gallons of 15% NE acid and frac treat with 30,000 gallons of gel water containing 0 to 2# SPG. Flush with 42 barrels of gel water. Pull treating equipment. Run packer and 2-3/8" tubing. Set packer at approximately 5810'. Swab and clean up and place well on production.

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 D. F. Berlin Title Area Engineer Date September 25, 1975  
(This space for State Use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY: