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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 ☒FEE ☐

5. State Oil & Gas Lease No.

B-1732

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☐DEEPEN ☒PLUG BACK ☐

b. Type of Well

OIL WELL ☒GAS WELL ☐

OTHER

SINGLE ZONE ☐MULTIPLE ZONE ☐

2. Name of Operator

Gulf Oil Corporation

3. Address of Operator

Box 670, Hobbs, New Mexico 88240

4. Location of Well

UNIT LETTER A

LOCATED 660

FEET FROM THE North

LINE

AND 410

FEET FROM THE East

LINE OF SEC. 36

TWP. 21-S

RGE. 36-E

NMPM

7. Unit Agreement Name

8. Farm or Lease Name

Harry Leonard (NCT-C)

9. Well No.

12

10. Field and Pool, or Wildcat

Blinebry & Drinkard

12. County

Lea

19. Proposed Depth

6800'

19A. Formation

Drinkard

20. Rotary or C.T.

Reverse Unit

21. Elevations (Show whether DF, RT, etc.)

3504' GL

21A. Kind & Status Plug. Bond

Blanket

21B. Drilling Contractor

22. Approx. Date Work will start

November 1, 1975

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	9-5/8"	36#	1230'	300 sacks (Circulated)	
8-3/4"	7"	23#	5999'	465 sacks (TOC at 2310')	

6000' TD.

Plans have been made to abandon the Arrowhead zone, deepen and dual complete Drinkard with existing Blinebry as Follows: Squeeze Arrowhead perforations 3674' to 3793' with 300 sacks of Class C cement. WOC 24 hours. Clean out and test squeezed perforations with 500#, 30 minutes. Clean out to total depth at 6000'. Drill 6-1/8" hole to approximately 6800'. Run 4-1/2" liner and set at 6800' with top at 5900'. Cement liner with 150 sacks of Class C cement. WOC 24 hours. Test liner with 4,000#, 30 minutes. Perforate Drinkard zone in liner with 4, 1/2" JHPF in the approximate interval 6520' to 6735'. Run treating equipment and treat new perforations with 2000 gallons of 15% NE acid and frac with 30,000 gallons of gel water containing 1 to 2# SPG. Flush with water. Treat Blinebry perforations 5528' to 5836' with 3000 gallons of 15% NE acid. Swab and clean up. Pull treating equipment. Run Otis Perma latch packer, parallel string anchor and long string of 2-3/8" tubing. Set packer at approximately 5999', parallel anchor at 5200'. Run short string of 2-3/8" tubing and land in anchor at 5200'. Run rods and pump in Blinebry and place both zones on production. (Application has been made for dual completion permit).

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 C. R. Kershner Title Project Petroleum Engineer Date October 16, 1975

(This space for State Use)

APPROVED BY TITLE DATE OCT 1, 1975

CONDITIONS OF APPROVAL, IF ANY: