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RECEIVED NEW MEXICO OIL CONSERVATION COMMISSION

Re-Entry

MAY 28 1965

**O. C. C.
ARTESIA, OFFICE**

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. E-9719	

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 type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Re-Entry SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		Chalk Bluff Draw Unit	
2. Name of Operator Humble Oil & Refining Company		8. Farm or Lease Name	
3. Address of Operator Box 2100, Hobbs, New Mexico 88240		9. Well No. 2- 4 , Hobbs	
4. Location of Well UNIT LETTER <u>K</u> LOCATED <u>1950</u> FEET FROM THE <u>LINE OF SEC. 32</u> TWP. <u>27-S</u> RGE. <u>27-E</u> NMPM AND <u>1380</u> FEET FROM THE <u>WEST</u> LINE OF SEC. <u>32</u>		10. Field and Pool, or Wildcat Wildcat	
19. Proposed Depth 2925		19A. Formation wildcat Paddock	
21. Elevations (Show whether DF, RT, etc.) 3445 DF		20. Rotary or C.T. Workover Unit	
21A. Kind & Status Plug. Bond Blanket on File		22. Approx. Date Work will start 5-31-65	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	AMOUNT OF CEMENT	EST. TOP
15-1/2"	11-3/4	42	572		Circ to surface
11"	8-5/8	32	3687		Circ to surface

This is a re-entry into an existing plugged well.

Procedure:

1. Move in workover unit, clean out cellar and install wellhead.
2. Drill out cement and C.I. plugs in 8-5/8" casing 0-15', 1335-1400', 1950-2068', 2900'.
3. Perforate Paddock at 2916-2925' with 1 jet shot per foot.
4. Matrix acidize and test.
5. If successful, complete well - if unsuccessful, low-pressure squeeze perforations and perforate Glorieta at 2810', 2812', 2814', 2816', 2818', 2822' with 1 jet shot at each.
6. Matrix acidize and test.
7. If successful, complete well - if unsuccessful, low-pressure squeeze off perforations and perforate San Andres at 2751', 2756', 2761', 2778', 2782', 2789', and 2794'.
8. Matrix acidize and test.
9. If successful, complete well - if unsuccessful, return to Paddock and/or Glorieta or plug and abandon well.

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 Dist. Adm. Supervisor Date May 28 1965

(This space for State Use)

APPROVED BY [Signature]
CONDITIONS OF APPROVAL, IF ANY:

MAY 28 1965