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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>		7. Unit Agreement Name
b. Type of Well 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 Harrod State
2. Name of Operator Ralph E. & J. C. Williamson		9. Well No. 1
3. Address of Operator Box 953, Midland, Texas 79701		10. Field and Pool, or Wildcat Wildcat
4. Location of Well UNIT LETTER U LOCATED 660 FEET FROM THE South LINE 660 FEET FROM THE West LINE OF SEC. 4 TWP. 16 RGE. 35 NMPM		12. County Lea
19. Proposed Depth 11,385		19A. Formation Strawn
20. Rotary or C.T. Rotary		
21. Elevations (Show whether DF, RT, etc.) 4430 DF	21A. Kind & Status Plug. Bond Single Well Bond	21B. Drilling Contractor Star Tool Company
22. Approx. Date Work will start immediately		

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
15	13 3/8	unknown	375	200	surface
12 1/4	9 5/8	"	4570	2500	"
7 7/8	4 1/2	11.6 - 13.6	11990	600	9500
	2 3/8	4.7	11250 with packer set at 11,200.		

Well originally drilled to 11,990, plug back to 11,650, old perforations 10,794-10,800; 10,821-10,829; 10,834 - 10,844; 10,848 - 10,852; 10,866 - 10,870. Well completed as producer from Townsend Penn Reef in February, 1973.

We propose to squeeze cement and old perforations with 300 sx., two stage squeeze program with 150 sx. each stage. Drill out with reverse circulating unit perforating from 11,335 to 11,385 in Strawn formation. Acidize with 3,000 gal. Blow out preventer to be used at all times.

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 <u><i>Lillian Jones</i></u>	Title <u>Agent</u>	Date <u>May 14, 1973</u>
(This space for State Use)		
APPROVED BY <u><i>[Signature]</i></u>	TITLE <u>SECRET</u>	DATE <u>MAY 16 1973</u>
CONDITIONS OF APPROVAL, IF ANY:		

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