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# 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. LG 46

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

1a. Type of Work b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> Re-entry DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name
2. Name of Operator Ralph E. Williamson		8. Farm or Lease Name State B-H
3. Address of Operator 1385 Midland National Bank Tower, Midland, TX 79701		9. Well No. 1
4. Location of Well UNIT LETTER <u>B</u> LOCATED <u>1980</u> FEET FROM THE <u>East</u> LINE AND <u>660</u> FEET FROM THE <u>North</u> LINE OF SEC. <u>12</u> TWP. <u>16S</u> RGE. <u>35E</u> NMPM		10. Field and Pool, or Wildcat Wildcat
		12. County Lea
		19. Proposed Depth 9000'
		19A. Formation Abo
		20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 3977 DF	21A. Kind & Status Plug. Bond Statewide - Effective	21B. Drilling Contractor Well Units
		22. Approx. Date Work will start 4/15/80

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8"	48#	427'	400	Surface
12 1/4"	9 5/8"	40#	4675'	1500	Surface

All of the above casing was set by American Liberty Oil Company in 1952 and is still in place. This is a re-entry.

Blow-out preventer set-up: A 6", 900 Series blow-out preventer will be placed on the well-head flange and will be welded on to the 9 5/8" casing.

A Baker bridge plug will be drilled out @ 4515' and well will be cleaned out to 9000'. 4 1/2", 11.6#, N casing will be set @ 9000' w/200 sx cement. The well will be production tested in the Abo formation @ 8860 - 8890' and 8790 - 8810' with acid and frac as needed.

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 Ralph E. Williamson Title Operator Date 4/15/80

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT I DATE APR 15 1980

CONDITIONS OF APPROVAL, IF ANY:

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ON CONSERVATION