

30-025-29188

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LAND OFFICE	
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NEW MEXICO OIL CONSERVATION COMMISSION

Form O-101
Revised 1-1-85

5A. Indicate Type of Lease
STATE <input type="checkbox"/> FEE <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 checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>
b. Type of Well	OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>
2. Name of Operator	Harhen-Davis
3. Address of Operator	816 First National Bank Bldg., Midland, TX 79701
4. Location of Well	UNIT LETTER M LOCATED 145 FEET FROM THE West LINE
AND 990 FEET FROM THE South LINE OF SEC. 22 TWP. 16S RGE. 38E NMPM	

7. Unit Agreement Name
8. Farm or Lease Name
Cantina
9. Well No.
1
10. Field and Pool, or Wildcat
Garrett
11. Undesignated
12. County
Lea
19. Proposed Depth
8600
19A. Formation
Abo
20. Rotary or C.T.
Rotary
21. Elevations (Show whether DF, RT, etc.)
3713.1
21A. Kind & Status Plug. Bond
One well plugging bond (attached)
21B. Drilling Contractor
Moranco
22. Approx. Date Work will start
April 1, 1985

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	68#	350		Surface
12 1/4	8 5/8	24# & 32#	4700	1900	Surface

Drill 17 1/2" hole to 350'. Run and cement 13 3/8" casing at 350' with 350 sax Class "C", 2% CaCl₂. NU BOP, test BOP to 3000 psi. Test casing and BOP to 600 psi. Drill 12 1/4" hole to 4700'. Run 8 5/8" casing, cement with 1800 sax Halliburton Lite followed by 300 sax Class "C", 2% CaCl₂. NU BOP, 11"; test BOP. Drill to 8600' with 7 7/8" bit. Mud up at 7700'. Evaluate test and log data. Run and cement 4 1/2" or 5 1/2" casing for production test.

ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION 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 R. D. Gruenther Title Agent Date 3/20/85

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

PROVED BY _____ TITLE _____ DATE _____

MAR 26 1985

CONDITIONS OF APPROVAL, IF ANY: Approved for drilling, only. Production from this well will not be authorized until approval is obtained for the unorthodox location.

RECEIVED

MAR 21 1985

U.S. DEPT. OF JUSTICE
HOMELAND OFFICE