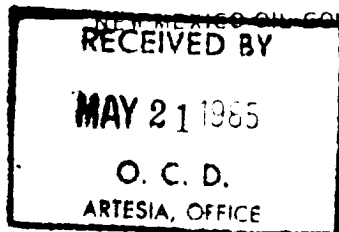


DISTRIBUTION	
SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.G.S.	<input checked="" type="checkbox"/>
LAND OFFICE	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>



Form C-101
Rev. 1-1-84
30-615-25306
5A. Indicate Type of Lease
STATE ☒ FEDERAL ☐
5. State Oil & Gas Lease No.
OG-647

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"/> 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 Haile Petroleum, Ltd. ✓				8. Farm or Lease Name Welch	
3. Address of Operator 813 South Roselawn, Artesia, New Mexico 88210				9. Well No. #1	
4. Location of Well UNIT LETTER <u>I</u> LOCATED <u>330</u> FEET FROM THE <u>East</u> LINE AND <u>1650</u> FEET FROM THE <u>South</u> LINE OF SEC. <u>30</u> TWP. <u>18S</u> RGE. <u>28E</u> NMPM				10. Field and Pool, or Wildcat Artesia Qn-Gr-SA	
				11. County Eddy	
				12. County	
				13. County	
				14. County	
				15. County	
				16. County	
				17. County	
				18. County	
				19. County	
				19. Proposed Depth 3000'	
				19A. Formation San Andres	
				20. Rotary or C.T. Rotary	
21. Elevations (Show whether DF, RT, etc.) 3651' GRD		21A. Kind & Status Plug. Bond One-Well		21B. Drilling Contractor	
				22. Approx. Date Work will start June 3, 1985	

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
10 3/4"	8 5/8"	23#	350'	300 Sxs. C1 "C"	Surface
7 7/8"	5 1/2"	14#	3000'	500 Sxs. C1 "C"	Surface

Plan to spud Artesia San Andres well on June 3, 1985 with 10 3/4" bit. Set 350' of 8 5/8" surface casing 23# or better w/300 Sxs. Class "C" neat. Drill out with 7 7/8" bit w/10# brine to a depth of 3000' or less. If commercial shows are present, 4 1/2" or 5 1/2" casing will be set w/500 Sxs. Class "C" neat and circulate to surface. If dry hole proper plugs will be set as prescribed by NMOCD.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 12-4-85
UNLESS DRILLING UNDERWAY

Posted 10/1
API & NL
6-7-85

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 D. L. Brooks Title Agent Date May 16, 1985

(This space for State Use)

ORIGINAL SIGNED
BY LARRY BROOKS
GEOLOGIST NMOCD

JUN 4 1985

APPROVED BY

DATE

CONDITIONS OF APPROVAL, IF ANY: