

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

30-025-30211

Form C-101
Revised 10-1-78

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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☐ REC ☒

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"/>				7. Unit Agreement Name	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				8. Farm or Lease Name Shipp "11"	
2. Name of Operator Sohio Petroleum Company				9. Well No. H-1	
3. Address of Operator P. O. Box 4587, Houston, TX 77210				10. Field and Pool, or Wildcat Humble City-Strawn	
4. Location of Well UNIT LETTER <u>M</u> LOCATED <u>520</u> FEET FROM THE <u>West</u> LINE AND <u>660</u> FEET FROM THE <u>South</u> LINE OF SEC. <u>11</u> TWP. <u>17S</u> RCE. <u>37E</u> NMPM				12. County Lea	
19. Proposed Depth 11950				19A. Formation Lower Strawn	
20. Rotary or C.T. Rotary					
1. Elevations (Show whether DF, KT, etc.) 3745.4 G.L.		21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor To Be Announced	
				22. Approx. Date Work will start February 15, 1988	

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	400'	350'	Surface
11" or 12 1/4"	8-5/8"	24#	4200'	1500'	Surface
7-7/8"	5 1/2"	17#	11950'	300'	10500'

The proposal is to drill to 400' and set and cement 13-3/8" surface casing as outlined above. A 2-Ram, Annular 30P stack will be nipped up and tested initially and every 30 days thereafter is required. 11" or 12 1/4" hole will be drilled to 4200' and 8-5/8" casing set across the salt. 7-7/8" hole will be drilled to total depth. The objective is to test the Lower Strawn reservoir (est. top @ 11,500') and stimulate as necessary. One DST is proposed in the Lower Strawn.

C-102 is Attached.

O+1: NMOCD

cc: T. Rooney
Well File

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 T. C. Rooney T. C. Rooney Title Sr. Permit Specialist Date 1/22/88

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR TITLE

DATE JAN 29 1988

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

RECEIVED
JAN 28 1989
OCCO
HICBBS OFFICE