

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

Form C-101
Revised 10-1-78

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API # 30-059-20295

5A. Indicate Type of Lease
STATE ☒ FEE ☐
5. State Oil & Gas Lease No.
3449

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL ☐ GAS WELL ☒ (CO ₂) OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		7. Unit Agreement Name N/A	
2. Name of Operator Sofia Exploration Company		8. Farm or Lease Name Roxana State	
3. Address of Operator 611 Mayo Building Tulsa, Oklahoma 74103		9. Well No. Roxana State #1	
4. Location of Well UNIT LETTER F LOCATED 1980 FEET FROM THE North LINE AND 1980 FEET FROM THE West LINE OF SEC. 36 TWP. 26N AGE. 29E NMPM		10. Field and Pool, or Wildcat Rank Wildcat	
11. Country Union			
19. Proposed Depth 3,000'		19A. Formation Granite (TD)	
20. Rotary or C.T. Rotary			
21. Elevations (Show whether DF, RT, etc.) 6192.0' (GL)		21A. Kind & Status Plug. Bond Security Cash Bond	
21B. Drilling Contractor Yet to be determined		22. Approx. Date Work will start 11/17/86	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	8-5/8"	24 #	400'	160	Surface
7-7/8"	5-1/2"	15.5 #	3000'	225	1500'

Well is scheduled to be drilled to the basement (estimated @ 3000') to test Tubbs, Glorieta, and Granite Wash. Full suite of electric logs and drill-stem tests are anticipated. Negotiations underway with local drilling contractors and B.O.P. program will be submitted upon final selection.

APPROVED BY 90 DAYS
2-4-87

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 SLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed [Signature] Title President Date September 28, 1986

(This space for State Use)

APPROVED BY [Signature] TITLE DISTRICT SUPERVISOR DATE 11-4-86

CONDITIONS OF APPROVAL, IF ANY: