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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

SEP 8 1 30 PM '65

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	
7. Unit Agreement Name	
None	
8. Farm or Lease Name	
Guy Sumerlin	
9. Well No.	
1	
10. Field and Pool, or Wildcat	
Tobac	
12. County	
Chavez	
19. Proposed Depth	19A. Formation
9200	Bough C
20. Rotary or C.T.	
Rotary	
21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond
4399 Ground	Blanket- good standing Contract not let
22. Approx. Date Work will start	
September 17, 1965	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work	
b. Type of Well	
DRILL <input checked="" type="checkbox"/>	DEEPEN <input type="checkbox"/>
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"/>	
2. Name of Operator	
Southern Petroleum Exploration, Inc.	
3. Address of Operator	
Box 1434, Roswell, New Mexico	
4. Location of Well	
UNIT LETTER	LOCATED
H	660
FEET FROM THE	
South	
LINE	
AND	660
FEET FROM THE	
West	
LINE OF SEC.	
19	
TWP.	
8-S	
RGE.	
33-E	
NMPM	
21. Elevations (Show whether DF, RT, etc.)	
4399 Ground	
21A. Kind & Status Plug. Bond	
Blanket- good standing Contract not let	
21B. Drilling Contractor	
22. Approx. Date Work will start	
September 17, 1965	

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17"	13-3/8	40 #	350'	300 sz	Surface
11"	8-5/8	32#	3600'	300 sz	2200'
7-7/8"	4-1/2	11.60#	9200'	300 sz	7800'

To drill thru Bough C section, run Gamma-ray Sonic log from total depth back to intermediate casing, Laterolog and Microlaterolog will be run over prospective pay sections. Drill stem test Bough C section, perforate Bough C porosity with two shots per foot, treat and test.

EXPIRES SEP 17 1965

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 B. C. Fike Title District Land Manager Date September 7, 1965

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Handwritten note: This is a copy of the original permit and is not valid unless accompanied by the original permit.