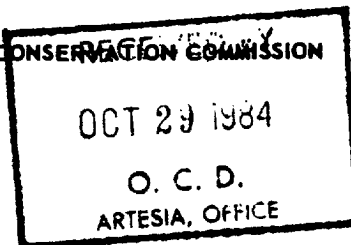


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SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.G.S.	<input checked="" type="checkbox"/>
LAND OFFICE	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>

NEW MEXICO OIL CONSERVATION COMMISSION



Form C-101
Revised 1-1-85

30-015-25072

5A. Indicate Type of Lease
STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.
V-489

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name	
2. Name of Operator		9. Well No.	
Southland Royalty Company		1	
3. Address of Operator		10. Field and Pool, or Wildcat	
21 Desta Drive, Midland, Texas 79705		Diamond Mound (Atoka) No.	
4. Location of Well		12. County	
UNIT LETTER N LOCATED 660 FEET FROM THE South LINE		Eddy	
AND 1980 FEET FROM THE West LINE OF SEC. 16 TWP. 16S RGE. 27E NMPM			
19. Proposed Depth		19A. Formation	
8800'		Atoka	
20. Rotary or C.T.		Rotary	
21. Elevations (Show whether DF, RT, etc.)		22. Approx. Date Work will start	
3575.9' GR		11-12-84	

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#	350'	400 sx.	Circ.
12 1/4"	8 5/8"	24#	1500'	750 sx.	Circ.
7 7/8"	4 1/2"	10.5 & 11.6#	8800'	300 sx.	TOC @ 6000' by T

Drill 17 1/2" hole to 350'. Set 13 3/8" csg @ 350'. Cmt w/400 sx. Drill 12 1/4" hole to 1500'. Set 8 5/8" csg @ 1500'. Cmt w/750 sx. Drill 7 7/8" hole to TD to test the Atoka and intermediate horizons with shows. If commercial, run 4 1/2" csg to TD. Cmt w/sufficient volume to bring cmt above prospective zones. Estimated top of cmt @ 6000'. Perforate and stimulate.

MUD PROGRAM: 0-350' spud mud; 350-1500' brine; 1500-8000' fresh wtr; 8000-TD Cut brine, gel, Drispac, 3% KCl. MW 9-9.2. VIS 32-36, 6 cc. BHP @ TD anticipated to be 4400 psi.

BOP PROGRAM: BOP to be installed and tested after setting 8 5/8" cas & at 8000'. BOP to be tested by Yellow Jacket, Inc.

GAS NOT DEDICATED

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 4-30-85
UNLESS DRILLING UNDERWAY

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUS 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 Danell Roberts Title Operations Engineer Date 10-29-84

(This space for State Use)

APPROVED BY Mike Williams DATE OCT 30 1984

CONDITIONS OF APPROVAL, IF ANY: Oil & Gas Inspector Notify N.M.O.C.C. in sufficient time to witness cementing the 8 5/8" casing

Post ID-1
11-2-84
New loc + API