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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-85

5A. Indicate Type of Lease
STATE <input checked="" type="checkbox"/> PER <input type="checkbox"/>
5. State Oil & Gas Lease No.
E-2943

O. C. D.  
ARTESIA, OFFICE

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Form or Lease Name	
DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>		State "16A" COM	
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		Turkey Track (Atoka)	
4. Location of Well		12. County	
UNIT LETTER 0 LOCATED 990 FEET FROM THE South LINE		Eddy	
AND 1980 FEET FROM THE East LINE OF SEC. 16 TWP. 19S RGE. 29E NMPM			
21. Elevations (Show whether DF, RT, etc.)		19. Proposed Depth	
3339.1' GR		11,566'	
21A. Kind & Status Plug. Bond		19A. Formation	
		Atoka	
21B. Drilling Contractor		20. Rotary or C.T.	
		Rotary	
22. Approx. Date Work will start			
10-2-86			

### PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11"	8 5/8"	36#	5055'	1200 sx.	Circ.
7 7/8"	4 1/2"	11.6#	11,566'	950 sx. cmt	TOC @ 6850'

Plugback & recomple to Atoka Formation.

1. MIRU workover git. Kill well w/2% KCl wtr if necessary. ND tree. NU BOP's & test to 1000#. PU & release pkr. POH w/+ 11,113' of 2 3/8" tbg, SN & Guiberson Uni VI pkr.
2. MIRU wireline unit. RU lubricator. RIH w/gauge ring & junk basket to + 11,200'. POH. RIH w/4 1/2" CIBP & set @ + 11,100'. POH. RIH w/dump bailer & dump 2.7 CF of cmt on top of BP. POH. RDMO wireline unit.
3. RIH w/Guiberson Uni VI pkr, SN & + 10,650' of 2 3/8" tbg. Spot + 250 gals of 10% acetic acid. Displ acid w/+ 40 bbls of 2% KCl wtr. PU & circ hole clean w/2% KCl wtr. ND BOP's. Set pkr @ + 10,550' w/12,000# compression. NU tree & press test annulus to 1000#.
4. MIRU wireline unit. RU lubricator & test to 2000#. RIH w/11'-1 11/16" hollow carrier, 2 SPF, 0° Phasing, premium charge, decentralized & perf 10,684-10,695' 23 holes total. POH. RDMO wireline unit.
5. Swb/flw test well. If well will not flow, MIRU stimulation company. ----over----

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 Cathy Notes Title Engineering Tech Iii Date 9/18/86

(This space for State Use)

Original Signed By  
Mike Williams, TITLE

APPROVED BY Oil & Gas Inspector

DATE SEP 25 1986

CONDITIONS OF APPROVAL, IF ANY:

Install tree saver. PT surf lines to 8000#. Place, maintain & monitor 1000# on annulus. Pump 1000 gals of 15% NEFEHCl containing .3% surfactant and .2% corrosion inhibitor. After 3 bbls of acid have been pumped, space out 46 RCNBS (1.3 sp gr - 2 balls/bbl). Displ acid w/+ 44 bbls of 2% KCl. If ballout occurs, surge balls & continue with displacement. RDMO stimulation company.

6. Swb/flw well back as soon as possible. After well has cleaned up, perform 4 pt as per Production Engineering's test recommendation which will be supplied before test. After test is complete, shut well in and wait on sales contract.