

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-4-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
LG-2731	

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

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <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"/>		8. Farm or Lease Name	
2. Name of Operator		Tonto State "15" <i>State</i>	
3. Address of Operator		9. Well No.	
21 Desta Drive, Midland, Texas 79705		1	
4. Location of Well		10. Field and Pool, or Wildcat	
UNIT LETTER <u>I</u> LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE		Wildcat	
AND <u>990</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>15</u> TWP. <u>18S</u> RGE. <u>34E</u> NMPM		12. County	
		Lea	
		19. Proposed Depth	
		11,200'	
		19A. Formation	
		Wolfcamp	
		20. Rotary or C.T.	
		Rotary	
21. Elevations (Show whether DF, RT, etc.)		22. Approx. Date Work will start	
4010.4' GR		9-18-84	

## 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#	400'	400 sx C1 "C"	Circ
12 1/4"	8 5/8"	28 & 24#	3400'	1300 sx Lite &	
				200 sx C1 "C"	Circ
7 7/8"	5 1/2"	17#	11,200'	700 sx Poz A &	
				200 sx C1 "H"	TOC @ 7000' by T

Drill 17 1/2" hole to 400'. Set 13 3/8" csg @ 400'. Cmt w/400 sx C1 "C". Circ to surf.  
Drill 12 1/4" hole to 3400'. Set 8 5/8" csg @ 3400'. Cmt w/1300 sx Lite & 200 sxs C1 "C".  
Circ to surf. Drill to TD. Set 5 1/2" csg @ 11,200'. Cmt w/sufficient volume to cover all  
prospective zones. Estimated top of cmt @ 7000'. Perf & stimulate Wolfcamp & Bone Springs  
for production.

MUD PROGRAM: 0-400' spud mud; 400-3400 salt wtr; 3400-7600 cut brine wtr; 7600-TD Salt  
wtr gel & Drispac. MW 9-9.4, VIS 32-35, 10-15 cc. BHP @ TD anticipated to be 4000 psi.  
No abnormal pressures expected.

BOP PROGRAM: BOP to be tested after each new installation & after setting 8 5/8" csg by  
Yellow Jacket, Inc. Test BOP @ 4300', 7600', 9000' & 10,400'.

Gas Not Dedicated

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 3/31/85  
UNLESS DRILLING UNDERWAY

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.

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

Signed John Stark Title Operations Engineer Date 8/30/84

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY JERRY SECTION TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

SEP 5 1984

U.S. DEPT. OF JUSTICE  
HONORARY OFFICE

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section

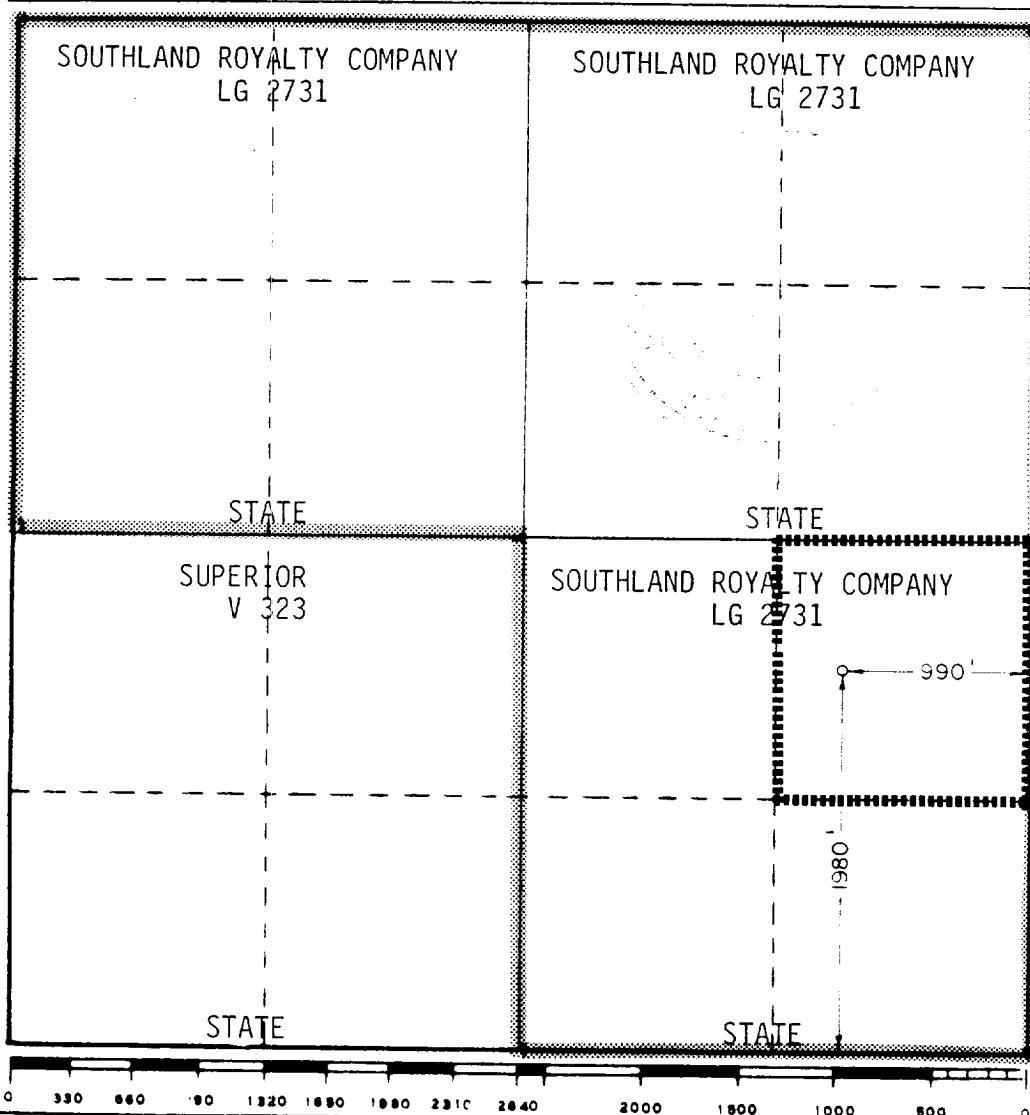
Operator Southland Royalty Co.			Lease Tonto State 15		Well No. 1
Unit Letter I	Section 15	Township 18 South	Range 34 East	County Lea	
Actual Footage Location of Well: 1980 feet from the south line and 990 feet from the east line					
Ground Level Elev. 3010.4'	Producing Formation Wolfcamp	Pool Wildcat		Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Name J. R. Stark  
Position Operations Engineer  
Company Southland Royalty Company  
Date 8/30/84

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed August 24, 1984  
Registered Professional Engineer and/or Land Surveyor

John W. West  
Certificate No. JOHN W. WEST, 676  
RONALD J. EIDSON, 3239