

Santa Fe, New Mexico

HOBBS OFFICE O. C. C.

FEB 24 12 49 PM '65

A 10x10 grid with an 'x' mark in the 3rd column and 4th row.

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in **QUINTUPLICATE** If State Land submit 6 Copies

**AREA 640 ACRES
LOCATE WELL CORRECTLY**

Southland Royalty Company

J. D. Guye

(Company or Operator)

(L2250)

Well No. 4, in SE $\frac{1}{4}$ of NW $\frac{1}{4}$, of Sec. 12, T. 11-S, R. 33-E, NMPM.

Undesignated (Inbe Penn) Ext.

Pool	Lea
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County.

Well is 1980 feet from North line and 1980 feet from West line

of Section 12 If State Land the Oil and Gas Lease No. is -

Drilling Commenced..... **January 11** 19 **65** Drilling was Completed..... **February 14** 19 **65**

Name of Drilling Contractor..... **Cactus Drilling Company**

Address P.O. Box 32, Midland, Texas

Elevation above sea level at Top of Tubing Head.....4206..... The information given is to be kept confidential until
April 1 19 65

No. 1, from 9699 to 9713 No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....	to.....	feet.....	None identified due to rotary drilling
No. 2, from.....	to.....	feet.....	
No. 3, from.....	to.....	feet.....	
No. 4, from.....	to.....	feet.....	

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13 3/8	48#	New	354	Guide	None	None	Protect wtr. sd.
8 5/8	24 & 32	New	4000	Guide	None	None	Salt string
5 1/2	17# N&J	New	9781	Guide	None	9699-9713	oil string

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/2	13 3/8	354	300	Pump & Plug	9.2#/gal	None
11	8 5/8	4000	350	Pump & Plug	10#/gal	Suff. to fill annulus
7 7/8	5 1/2	9781	340	Pump & Plug	9.0#/gal	Suff. to fill annulus

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Acidized w/500 gallons mud acid. Re-acidized w/3000 gallons CRA acid.

Result of Production Stimulation.

Depth Cleaned Out.

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 9781 T.D. feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing February 18, 1965
OIL WELL: The production during the first 24 hours was 480 barrels of liquid of which 60% was oil; 0% was emulsion; 40% water; and 0% was sediment. A.P.I. Gravity. 46° API

GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure lbs.

Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

T. Anhy. 1885 (+2332)
T. Salt. 1950 (+2267)
B. Salt. 2380 (+1837)
T. Yates. 2594 (+1623)
T. 7 Rivers. 2720 (+1497)
T. Queen. 3427 (+ 790)
T. Grayburg. 3630 (+ 587)
T. San Andres. 3873 (+ 344)
T. Glorieta. 5325 (-1108)
T. Drinkard.
T. Tubbs.
T. Abo.
T. Penn.
T. Miss.

T. Devonian.
T. Silurian.
T. Montoya.
T. Simpson.
T. McKee.
T. Ellenburger.
T. Gr. Wash.
T. Granite.
T.
T.
T.
T.
T.

Northwestern New Mexico

T. Ojo Alamo.
T. Kirtland-Fruitland.
T. Farmington.
T. Pictured Cliffs.
T. Menefee.
T. Point Lookout.
T. Mancos.
T. Dakota.
T. Morrison.
T. Penn.
T.
T.
T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1885	1885	Red shale & sand				
1885	1950	65	Anhydrite				
1950	2380	430	Salt & anhydrite				
2380	2594	214	Anhydrite				
2594	2720	126	Sand				
2720	3427	707	Anhydrite w/sh strks				
3427	3630	203	Siltstone & sand				
3630	3873	243	Anhydrite & sandy anhy.				
3873	5325	1452	Dolo & anhydrite				
5325	6780	1455	Siltstone, dolomite & anhydrite				
6780	7575	795	Siltstone, dolomite & shale				
7575	8806	1231	Red shale w/Ls strks				
8806	9637	831	Gry. shale w/Ls strks				
9637	9730	93	Limestone				
9730	9781	51	Limestone & shale				
			9781' T.D.				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

February 23, 1965

Company or Operator Southland Royalty Company Address Box 1515, Midland, Texas

Name Alton C. Goodrich Position or Title Dist. Prod. Supt.