

Southland Royalty Co. "A" No. 7

Record of Drill-Stem and Special Tests

Drill-Stem Tests --- None

Deviation Survey - TOTCO

<u>Depth</u>	<u>Degrees Off</u>
1292'	1/2
1850'	1/2
2175'	1/2
2355'	1/2
2660'	1-1/4
2731'	1
2810'	1
2900'	3/4
3178'	3/4
4060'	1
4437'	1
4674'	1-1/4
4976'	1
5180'	1/2
5595'	1/2
6128'	1
7020'	3/4

Abo Formation Test:

Perforated 6988-97, 7038-44, 7060-65, 7115-20 W/2JSPT. Washed perforations and acidized with 2000 gallons LSTNE acid in 2 stages. Recovered 130 BLW, 194 BO, 12 BNW, in 5 days.

Perforated 6775-79, 6813-18, 6839-43, 6883-89 W/2JSPT, and acidized with 2000 gallons LSTNE. Recovered 96 BLW, 40 BO in 59 hours testing. GOR at end of test 87,000.

Filled casing to 6929' with sand. Squeezed perforations 6775' to 6889' with 100 Sx. slo-set Cement. Reversed out 7 Sx.

Drilled out and cleaned out to 7139. Casing shoe.

Tested perforations 7038-7120 for 16 hours. Recovered 76 BLW.

Acidized perforations 7038-7120 with 3000 gal LSTNE acid in 2 stages. Tested 9 days. Recovered 136 BLW, 47 BO, 73 BNW. Gas at end of test. Est 407 MCFPD.

Filled to 6999' with sand. Set retainer at 6720 and squeezed perforations 6775'-6997' with 100 Sx slo-set. Reversed out 35 Sx.

Drilled cement, retainer and sand to 7139. Casing shoe.

Tested perforations 7038-7120 for 1 day. Recovered 40 BLW. Acidized with 5000 gallons LSTNE acid. During the next eleven days, recovered 102 BLW and 270 BO. During last 20 hours well produced 10 BO X 0 BW. 14/64" CH. TPF-50.

Set Baker Model D Production Packer at 6750 and capped with 10' sand. Temporarily abandoned Abo.