

J.B. MANN

SUBSURFACE PRESSURE MEASUREMENTS

SOUTHLAND ROYALTY WELL NO 1

COMPANY INEXCO WELL NAME WOLFCAMP
DATE OF TEST 4-9-81 TO 4-12-81 LOCATION WOLFCAMP PAGE 1 OF 2

CHART READINGS AND CALCULATIONS FOR BUILDUP OR DRAWDOWN TEST

ELEMENT NUMBER RPG3# 43798, 0-7,000 LB. RANGE
TIME WELL SHUT IN 1721 HOURS 4-9-81
TIME CLOCK STARTED 1529
DEAD WEIGHT ELEMENT ON SURFACE 1949 LBS. FLOWING
TIME ELEMENT REACHED BOTTOM 1621
DEAD WEIGHT ELEMENT ON BOTTOM 1949 LBS. FLOWING
ELEMENT SET AT 9,416 FEET

MAY 11 1981

ARTESIA, N.M.

DATE	HOUR	TIME	DEFLECTION in/inches	CALCULATED PRESSURE psig	CORRECTION P ± PC psig	CORRECTED PRESSURE psig	PRESSURE AT MID-POINT OF PERFORATIONS P.S.I.A.
4-9-81	0	1621		2,604	13.2		2,617
SHUT IN	1HR	1721		2,613	13.2		2,626
	1HR 5M	1726		2,762	13.2		2,775
	1HR 10M	1731		2,876	13.2		2,889
	1HR 15M	1736		2,978	13.2		2,991
	1HR 20M	1741		3,066	13.2		3,079
	1HR 25M	1746		3,147	13.2		3,160
	1HR 30M	1751		3,222	13.2		3,235
	1HR 35M	1756		3,287	13.2		3,300
	1HR 40M	1801		3,345	13.2		3,358
	1HR 45M	1806		3,400	13.2		3,413
	1HR 50M	1811		3,454	13.2		3,467
	1HR 55M	1816		3,505	13.2		3,518
	2HR	1821		3,558	13.2		3,571
	2 1/4	1836		3,666	13.2		3,679
	2 1/2	1851		3,778	13.2		3,791
	2 3/4	1906		3,867	13.2		3,854
	3	1921		3,952	13.2		3,965
	3 1/4	1936		4,015	13.2		4,028
	3 1/2	1951		4,082	13.2		4,095
	3 3/4	2006		4,145	13.2		4,158
	4	2021		4,208	13.2		4,221
	4 1/4	2036		4,267	13.2		4,280
	4 1/2	2051		4,319	13.2		4,332
	4 3/4	2106		4,367	13.2		4,380
	5	2121		4,407	13.2		4,420
	5 1/4	2136		4,446	13.2		4,459
	5 1/2	2151		4,481	13.2		4,494
	5 3/4	2206		4,515	13.2		4,528
	6	2221		4,548	13.2		4,561
	6 1/4	2236		4,576	13.2		4,589
	6 1/2	2251		4,600	13.2		4,613
	6 3/4	2206		4,626	13.2		4,639
	7	2321		4,653	13.2		4,666
	7 1/4	2336		4,676	13.2		4,689
	7 1/2	2351		4,698	13.2		4,711
4-10-81	7 3/4	2406		4,718	13.2		4,731
	8	2421		4,734	13.2		4,747
	8 1/4	2436		4,745	13.2		4,758
	8 1/2	2451		4,758	13.2		4,771