

BENNET - CATHEY

(505) 748-3354 / Artesia, New Mexico 80210

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY WALLACE OIL & GAS WELL NAME BRITT WELL NO. 1
 DATE OF TEST 9-17-82 TO 9-20-82 FORMATION _____ PAGE 1 OF 2
 COMPANY MAN GEORGE MC DERMICK

CHART READINGS AND CALCULATIONS FOR BUILDUP OR DRAWDOWN TEST

ELEMENT NUMBER RPG3 #37882 RANGE 3,500 LBS.
 CLOCK NUMBER 27141 RANGE 72 HOURS
 TIME WELL SHUT IN 1622 HOURS 9-17-82
 TIME CLOCK STARTED 1557 HOURS 9-17-82
 DEAD WEIGHT ELEMENT ON SURFACE 439 PSIA SHUT IN LBS.
 TIME ELEMENT REACHED BOTTOM 1610 HOURS 9-17-82
 DEAD WEIGHT ELEMENT ON BOTTOM 439 PSIA SHUT IN LBS.
 ELEMENT SET AT 3,884 FEET.
 TEMPERATURE 3,884 FT. 106 °F.
 872 PSIA DEAD WEIGHT AT THE END OF 72 HOURS 31 MINUTES.

DATE	HOUR	TIME	DEFLECTION in/inches	CALCULATED PRESSURE psig	CORRECTION P ± PC psig	CORRECTED PRESSURE psia	PRESSURE AT MID-POINT OF PERFORATIONS psia
9-17-82	0	1622		526	13.2		539
	1/4	1637		601	13.2		614
	1/2	1652		658	13.2		671
	3/4	1707		690	13.2		703
	1	1722		709	13.2		722
	1-1/4	1737		727	13.2		740
	1-1/2	1752		744	13.2		757
	1-3/4	1807		759	13.2		772
	2	1822		771	13.2		784
	2-1/4	1837		779	13.2		792
	2-1/2	1852		789	13.2		802
	2-3/4	1907		797	13.2		810
	3	1922		805	13.2		818
	3-1/4	1937		813	13.2		826
	3-1/2	1952		819	13.2		832
	3-3/4	2007		824	13.2		837
	4	2022		830	13.2		843
	4-1/2	2052		838	13.2		851
	5	2122		846	13.2		859
	5-1/2	2152		853	13.2		866
	6	2222		860	13.2		873
	6-1/2	2252		865	13.2		878
	7	2322		870	13.2		883
	7-1/2	2352		875	13.2		888
	8	2422		878	13.2		891
9-18-82	9	0122		887	13.2		900
	10	0222		893	13.2		906
	11	0322		898	13.2		911
	12	0422		902	13.2		915
	14	0622		911	13.2		924
	16	0822		917	13.2		930
	18	1022		923	13.2		936
	20	1222		927	13.2		940
	25	1722		936	13.2		949
	30	2222		942	13.2		955
9-19-82	35	0322		948	13.2		961
	40	0822		951	13.2		964
	45	1322		954	13.2		967