

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY STEVENS OPERATING WELL NAME HANNIGAN WELL NO. 4
 DATE OF TEST 12-21-82 - 12-22-82 FORMATION PAGE 1 OF 1
 COMPANY MAN MIKE VOWELL
23 HOUR BUILD UP

CHART READINGS AND CALCULATIONS FOR BUILDUP OR DRAWDOWN TEST

ELEMENT NUMBER RPG3# 23059 RANGE 5,300 LBS.
 CLOCK NUMBER 27744 RANGE 48 HOURS
 TIME WELL SHUT IN 1605 HOURS 12-21-82
 TIME CLOCK STARTED 0727 HOURS 12-21-82
 DEAD WEIGHT ELEMENT ON SURFACE 877 PSIA SHUT IN LBS.
 TIME ELEMENT REACHED BOTTOM 0904 HOURS 12-18-82
 DEAD WEIGHT ELEMENT ON BOTTOM 877 PSIA SHUT IN LBS.
 ELEMENT SET AT 4,054 FEET.
 TEMPERATURE 4,054 FT. °F.
 884 PSIA DEAD WEIGHT AT THE END OF 24 HOURS 25 MINUTES.

DATE	HOUR	TIME	DEFLECTION in/inches	CALCULATED PRESSURE psig	CORRECTION P ± PC psig	CORRECTED PRESSURE psia	PRESSURE AT MID-POINT OF PERFORATIONS psia
12-21-82	0	1605		695	13.2	708	717
	1/4	1620		743	13.2	757	768
	1/2	1635		769	13.2	782	791
	3/4	1650		796	13.2	809	818
	1	1705		809	13.2	822	831
	1-1/4	1720		825	13.2	838	847
	1-1/2	1735		836	13.2	849	858
	1-3/4	1750		846	13.2	859	868
	2	1805		855	13.2	868	877
	2-1/4	1820		863	13.2	876	885
	2-1/2	1835		871	13.2	884	893
	2-3/4	1850		876	13.2	889	898
	3	1905		880	13.2	893	902
	3-1/2	1935		888	13.2	901	910
	4	2005		896	13.2	909	918
	4-1/2	2035		903	13.2	916	925
	5	2105		908	13.2	921	930
	5-1/2	2135		912	13.2	925	934
	6	2205		916	13.2	929	938
	6-1/2	2235		920	13.2	933	942
	7	2305		924	13.2	937	946
	8	2405		929	13.2	942	951
12-22-82	9	0105		934	13.2	947	956
	10	0205		939	13.2	952	961
	12	0405		945	13.2	958	967
	14	0605		950	13.2	963	972
	16	0805		955	13.2	968	977
	18	1005		959	13.2	972	981
	20	1205		963	13.2	976	985
	22	1405		966	13.2	979	988
	24	1605		969	13.2	982	991
	24-25 MIN.	1630		970	13.2	983	992