

BENNETT - CATHEY

Artesia, New Mexico 88210

MIKE VOWELL

SUBSURFACE PRESSURE MEASUREMENTSCOMPANY STEVENS OIL COMPANYWELL NAME EDMONSON FEDERAL WELL NO. 3DATE OF TEST 3-26-82FORMATION ABOPAGE 1 OF 1**CHART READINGS AND CALCULATIONS FOR BUILDUP OR DRAWDOWN TEST**

ELEMENT NUMBER RPG3# 22749 RANGE 0-5,150 LBS.
 CLOCK NUMBER G 9489 RANGE 72 HOURS
 TIME WELL SHUT IN 0659 HOURS 3-27-82
 TIME CLOCK STARTED 0452 HOURS
 DEAD WEIGHT ELEMENT ON SURFACE 953 PSIA FLOWING LBS.
 TIME ELEMENT REACHED BOTTOM 0519 HOURS
 DEAD WEIGHT ELEMENT ON BOTTOM 953 PSIA FLOWING LBS.
 ELEMENT SET AT 3,910 FEET.
 TEMPERATURE 3,910 FT. 104° °F.
 993 PSIA DEAD WEIGHT AT THE END OF 75 HOURS 15 MINUTES.

DATE	HOUR	TIME	DEFLECTION in/inches	CALCULATED PRESSURE psig	CORRECTION P ± PC psig	CORRECTED PRESSURE psia	PRESSURE AT MID-POINT OF PERFORATIONS psia
3-27-82	0	0659		930	13.2		943
	1/4	0714		988	13.2		1001
	1/2	0729		1008	13.2		1021
	3/4	0744		1018	13.2		1031
	1	0759		1024	13.2		1037
	1 1/4	0814		1028	13.2		1041
	1 1/2	0829		1032	13.2		1045
	1 3/4	0844		1034	13.2		1047
	2	0859		1037	13.2		1050
	2 1/2	0929		1041	13.2		1054
	3	0959		1043	13.2		1057
	3 1/2	1029		1045	13.2		1058
	4	1059		1047	13.2		1060
	4 1/2	1129		1049	13.2		1062
	5	1159		1051	13.2		1064
	5 1/2	1229		1053	13.2		1066
	6	1259		1054	13.2		1067
	7	1359		1056	13.2		1069
	8	1459		1059	13.2		1072
	9	1559		1060	13.2		1073
	10	1659		1061	13.2		1074
	12	1859		1064	13.2		1077
	14	2059		1066	13.2		1079
	16	2259		1068	13.2		1081
	18	2459		1070	13.2		1083
3-28-82	20	0259		1072	13.2		1085
	25	0759		1074	13.2		1087
	30	1259		1075	13.2		1088
	35	1759		1075	13.2		1088
	40	2259		1074	13.2		1087
3-29-82	50	0859		1076	13.2		1088
	55	1359		1076	13.2		1089
	60	1859		1076	13.2		1089
	65	2359		1078	13.2		1091
3-30-82	69	0359		1079	13.2		1092