

BENNET - CATHEY

(505) 748-3354 / Artesia, New Mexico 88210

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY COQUINA WELL NAME NICHOLS WELL NO. 1
 DATE OF TEST 6-17-82 - 6-21-82 FORMATION _____ PAGE 1 OF 2
 COMPANY MAN BO SANDERS

CHART READINGS AND CALCULATIONS FOR BUILDUP OR DRAWDOWN TEST

ELEMENT NUMBER RPG3 #9526 RANGE 8,100 LBS.
 CLOCK NUMBER G2522 RANGE 144 HOURS
 TIME WELL SHUT IN 2245 6-17-82
 TIME CLOCK STARTED 1217 6-17-82
 DEAD WEIGHT ELEMENT ON SURFACE 3386 PSIA SHUT IN LBS.
 TIME ELEMENT REACHED BOTTOM 1311 6-17-82
 DEAD WEIGHT ELEMENT ON BOTTOM 3400 PSIA SHUT IN LBS.
 ELEMENT SET AT 10,185 FEET.
 TEMPERATURE 10,185 FT. 174 °F.
 DEAD WEIGHT AT THE END OF _____ HOURS _____ MINUTES.

DATE	HOUR	TIME	DEFLECTION in, inches	CALCULATED PRESSURE psig	CORRECTION P ± PC psig	CORRECTED PRESSURE psia	PRESSURE AT MID-POINT OF PERFORATIONS psia
6-17-82	0	2245		3778	13.2	3791	
	10 MIN	2255		3822	13.2	3835	
	20 MIN	2305		3847	13.2	3860	
	30 MIN	2315		3870	13.2	3883	
	40 MIN	2325		3882	13.2	3895	
	50 MIN	2335		3897	13.2	3910	
	1 HR	2345		3911	13.2	3924	
	1H 10M	2355		3930	13.2	3943	
6-18-82	1H 20M	2405		3944	13.2	3957	
	1H 30M	2415		3958	13.2	3971	
	1H 40M	2425		3966	13.2	3979	
	1H 50M	2435		3977	13.2	3990	
	2 HRS.	2445		3989	13.2	4002	
	2H 10M	2455		4007	13.2	4020	
	2H 20M	0105		4018	13.2	4031	
	2H 30M	0115		4030	13.2	4043	
	2H 40M	0125		4043	13.2	4056	
	2H 50M	0135		4056	13.2	4069	
	3 HRS.	0145		4064	13.2	4077	
	3H 10M	0155		4073	13.2	4087	
	3H 20M	0205		4083	13.2	4096	
	3H 30M	0215		4092	13.2	4105	
	3H 40M	0225		4101	13.2	4114	
	3H 50M	0235		4106	13.2	4119	
	4 HRS.	0245		4114	13.2	4127	
	4H 10M	0255		4122	13.2	4135	
	4H 20M	0305		4131	13.2	4144	
	4H 30M	0315		4138	13.2	4151	
	4H 40M	0325		4146	13.2	4159	
	4H 50M	0335		4154	13.2	4167	
	5 HRS.	0345		4162	13.2	4175	
	5H 30M	0415		4191	13.2	4204	
	6 HRS.	0445		4223	13.2	4236	
	6H 30M	0515		4251	13.2	4264	
	7 HRS.	0545		4272	13.2	4285	
	7H 30M	0615		4292	13.2	4305	
	8 HRS.	0645		4312	13.2	4325	
	8H 30M	0715		4326	13.2	4339	