

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 FORMATION _____ PAGE 1 OF 1
 COMPANY MAN BO SANDERS

FOUR POINT BACK PRESSURE TEST & FLOW TEST

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 HOURS 6-17-82
 DEAD WEIGHT ELEMENT ON SURFACE 3386 PSIA SHUT IN LBS.
 TIME ELEMENT REACHED BOTTOM 1311 HOURS 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
				4471	13.2	4484	
START TEST	0	1400		4471	13.2	4484	
	1/4	1415		4462	13.2	4475	
	1/2	1430		4454	13.2	4467	
	3/4	1445		4445	13.2	4458	
END RATE 1	1	1500		4441	13.2	4454	
	1-1/4	1515		4429	13.2	4442	
	1-1/2	1530		4414	13.2	4427	
	1-3/4	1545		4397	13.2	4410	
END RATE 2	2	1600		4375	13.2	4388	
	2-1/4	1615		4348	13.2	4361	
	2-1/2	1630		4318	13.2	4331	
	2-3/4	1645		4303	13.2	4316	
END RATE 3	3	1700		4290	13.2	4303	
	3-1/4	1715		4236	13.2	4249	
	3-1/2	1730		4215	13.2	4228	
	3-3/4	1745		4186	13.2	4199	
END RATE 4	4	1800		4134	13.2	4142	
START FLOW	4-1/4	1815		4112	13.2	4125	
TEST	4-1/2	1830		4092	13.2	4105	
	4-3/4	1845		4053	13.2	4066	
	5	1900		4025	13.2	4038	
	5-1/4	1915		4001	13.2	4014	
	5-1/2	1930		3983	13.2	3996	
	5-3/4	1945		3964	13.2	3977	
	6	2000		3936	13.2	3949	
	6-1/4	2015		3907	13.2	3920	
	6-1/2	2030		3895	13.2	3908	
	6-3/4	2045		3879	13.2	3892	
	7	2100		3859	13.2	3872	
	7-1/4	2115		3847	13.2	3860	
	7-1/2	2130		3837	13.2	3850	
	7-3/4	2145		3822	13.2	3835	
	8	2200		3810	13.2	3823	
	8-1/4	2215		3794	13.2	3807	
	8-1/2	2230		3786	13.2	3799	
END FLOW	8-3/4	2245		3778	13.2	3791	
TEST							