

BENNETT - CATHEY
Artesia, New Mexico 88210
SUBSURFACE PRESSURE MEASUREMENTS

COMPANY COQUINA OIL CORP. WELL NAME MARA WELL NO. 1
DATE OF TEST 3-1-82 FORMATION MORROW PAGE 1 OF 2
FOUR POINT BACK PRESSURE TEST

CHART READINGS AND CALCULATIONS FOR BUILDUP OR DRAWDOWN TEST

ELEMENT NUMBER RPG3 #24374 RANGE 12,000 LBS.
CLOCK NUMBER 21850 RANGE 120 HOURS
TIME WELL SHUT IN APPROX. 30 DAYS 1-30-82 0800 HOURS
TIME CLOCK STARTED 0804 HOURS
DEAD WEIGHT ELEMENT ON SURFACE 4306 LBS.
TIME ELEMENT REACHED BOTTOM 0845 HOURS
DEAD WEIGHT ELEMENT ON BOTTOM 4306 LBS.
ELEMENT SET AT 12,292 FEET.
TEMPERATURE 12,292 FT. 198 °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
3-1-82		0930		5492	13.2	5505	
	0	1915		5492	13.2	5505	
	1/4	1030		5434	13.2	5447	
	1/2	1045		5390	13.2	5403	
	3/4	1100		5267	13.2	5280	
END RATE 1	1	1115		5243	13.2	5256	
	1-1/4	1130		5150	13.2	5163	
	1-1/2	1145		5033	13.2	5046	
	1-3/4	1200		4972	13.2	4985	
END RATE 2	2	1215		4941	13.2	4954	
	2-1/4	1230		4867	13.2	4880	
	2-1/2	1245		4762	13.2	4775	
	2-3/4	1300		4691	13.2	4704	
END RATE 3	3	1315		4676	13.2	4689	
	3-1/4	1330		4627	13.2	4640	
	3-1/2	1345		4580	13.2	4593	
	3-3/4	1400		4522	13.2	4535	
END RATE 3	4	1415		4503	13.2	4516	
FLOW TEST	4-1/4	1430		4468	13.2	4481	
	4-1/2	1445		4445	13.2	4458	
	4-3/4	1500		4429	13.3	4442	
	5	1515		4397	13.2	4410	
	5-1/4	1530		4374	13.2	4387	
	5-1/2	1545		4355	13.2	4368	
	5-3/4	1600		4337	13.2	4350	
	6	1615		4328	13.2	4341	
	6-1/4	1630		4312	13.2	4324	
	6-1/2	1645		4295	13.2	4308	
	6-3/4	1700		4285	13.2	4298	
	7	1715		4269	13.2	4282	
	7-1/4	1730		4262	13.2	4275	
	7-1/2	1745		4255	13.2	4268	
	7-3/4	1800		4246	13.2	4259	
	8	1815		4238	13.2	4251	
	8-1/4	1830		4229	13.2	4242	
	8-1/2	1845		4220	13.2	4233	