

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

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 HRS.
TIME CLOCK STARTED 0804 HOURS
DEAD WEIGHT ELEMENT ON SURFACE 4306 PSIA SHUT IN LBS.
TIME ELEMENT REACHED BOTTOM 0845 HOURS 3-1-82
DEAD WEIGHT ELEMENT ON BOTTOM 4306 PSIA SHUT IN LBS.
ELEMENT SET AT 12,292 FEET.
TEMPERATURE 12,292 FT. 198 °F.
3850 PSIA DEAD WEIGHT AT THE END OF 86 HOURS 31 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	0	2240		4109	13.2	4122	
	5 MIN.	2245		4214	13.2	4227	
	10 MIN.	2250		4285	13.2	4298	
	15 MIN.	2255		4337	13.2	4350	
	20 MIN.	2300		4386	13.2	4396	
	25 MIN.	2305		4456	13.2	4469	
	30 MIN.	2310		4513	13.2	4526	
	35 MIN.	2315		4554	13.2	4567	
	40 MIN.	2320		4596	13.2	4609	
	45 MIN.	2325		4642	13.2	4653	
	50 MIN.	2330		4676	13.2	4689	
	55 MIN.	2335		4711	13.2	4724	
	1 HR.	2340		4753	13.2	4766	
	1 HR. 5 M.	2345		4773	13.2	4786	
	1 HR 10 M.	2350		4793	13.2	4806	
	1 HR 15 M.	2355		4821	13.2	4806	
	1 HR 20 M.	2400		4834	13.2	4847	
	1 HR 25 M.	2405		4845	13.2	4858	
	1 HR 30 M.	2410		4856	13.2	4869	
	1 HR 35 M.	2415		4868	13.2	4881	
	1 HR 40 M.	2420		4885	13.2	4898	
	1 HR 45 M.	2425		4899	13.2	4912	
	1 HR 50 M.	2430		4913	13.2	4925	
	1 HR 55 M.	2435		4927	13.2	4940	
	2 HR.	2440		4945	13.2	4958	
3-2-82	2-1/2	0110		5012	13.2	5025	
	3	0140		5062	13.2	5075	
	3-1/2	0210		5101	13.2	5114	
	4	0240		5132	13.2	5145	
	4-1/2	0310		5164	13.2	5177	
	5	0340		5190	13.2	5203	
	6	0440		5226	13.2	5239	
	7	0540		5252	13.2	5265	
	8	0640		5270	13.2	5296	
	9	0740		5298	13.2	5311	
	10	0840		5312	13.2	5315	
	11	0940		5323	13.2	5336	
	12	1040		5332	13.2	5345	