

BENNETT - CATHEY

Artesia, New Mexico 88210

SUBSURFACE PRESSURE MEASUREMENTS

RECEIVED

SEP 9 1981

FOUR POINT BACK

PRESSURE TEST

COMPANY DEPCO

DATE OF TEST 8-24-81

WELL NAME COQUINA FEDERAL #1

O. C. D.

FORMATION MORROW

ARTESIA PAGE 1 OF 1

CHART READINGS AND CALCULATIONS FOR BUILDUP OR DRAWDOWN TEST

ELEMENT NUMBER RPG3#36641 RANGE 0-4,000 LBS.
 CLOCK NUMBER 1935 RANGE
 TIME WELL SHUT IN 1334 8-21-81
 TIME CLOCK STARTED 0754
 DEAD WEIGHT ELEMENT ON SURFACE 2750 LBS.
 TIME ELEMENT REACHED BOTTOM 0933
 DEAD WEIGHT ELEMENT ON BOTTOM 2750 LBS.
 ELEMENT SET AT 9157 FEET.
 TEMPERATURE 9157 °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
8-24-81							
SHUT IN		0900		3,805	13.2		3,818
START TEST	0	1005		3,793	13.2		3,806
	1/4	1020		3,707	13.2		3,720
	1/2	1035		3,672	13.2		3,685
	3/4	1050		3,666	13.2		3,679
END RATE 1	1	1105		3,563	13.2		3,576
	1 1/4	1120		3,438	13.2		3,451
	1 1/2	1135		3,379	13.2		3,392
	1 3/4	1150		3,313	13.2		3,326
END RATE 2	2	1205		3,287	13.2		3,300
	2 1/4	1220		3,104	13.2		3,117
	2 1/2	1235		3,004	13.2		3,017
	2 3/4	1250		2,941	13.2		2,954
END RATE 3	3	1305		2,891	13.2		2,904
	3 1/4	1320		2,662	13.2		2,675
	3 1/2	1335		2,500	13.2		2,513
	3 3/4	1350		2,429	13.2		2,442
END RATE 4	4	1405		2,361	13.2		2,374