

BENNETT - CATHEY
Artesia, New Mexico 88210
SUBSURFACE PRESSURE MEASUREMENTS

COMPANY COQUINA OIL CORP
DATE OF TEST 4-22-81 TO 4-28-81

WELL NAME HARROUN COMM WELL NO 1
FORMATION ATOKA PAGE 1 OF 2

CHART READINGS AND CALCULATIONS FOR BUILDUP OR DRAWDOWN TEST

ELEMENT NUMBER RPG3# 46519 & RPG3# 18323 RANGE 10,000 & 8,600 LB.
CLOCK NUMBER J9531 & J9530 RANGE 180 HOUR
TIME WELL SHUT IN 1300 HOURS 4-22-81
TIME CLOCK STARTED 1015 HOURS & 1006 HOURS
DEAD WEIGHT ELEMENT ON SURFACE 2741 FLOWING _____ LBS.
TIME ELEMENT REACHED BOTTOM 1213 HOURS
DEAD WEIGHT ELEMENT ON BOTTOM 2663 FLOWING _____ LBS.
ELEMENT SET AT 11,470 FEET
TEMPERATURE 11,470 °F
5745 PSIA DEAD WEIGHT AT THE END OF 140 HOURS 58 MINUTES.

DATE	HOUR	TIME	DEFLECTION in/inches	CALCULATED PRESSURE psig	CORRECTION P ± PC psig	CORRECTED PRESSURE psia	PRESSURE AT MID-POINT OF PERFORATIONS psia
4-22-81	0	1300		3,532	13.2		3,545
	1	1325		5,123	13.2		5,136
	1 1/2	1330		5,814	13.2		5,827
	3/4	1345		5,854	13.2		5,867
	1	1400		5,870	13.2		5,883
	1 1/4	1425		5,885	13.2		5,898
	1 1/2	1430		5,903	13.2		5,916
	1 3/4	1445		5,923	13.2		5,936
	2	1500		5,954	13.2		5,967
	2 1/4	1515		5,987	13.2		6,000
	2 1/2	1530		6,004	13.2		6,017
	2 3/4	1545		6,027	13.2		6,040
	3	1600		6,037	13.2		6,050
	3 1/4	1615		6,058	13.2		6,071
	3 1/2	1630		6,076	13.2		6,089
	3 3/4	1645		6,091	13.2		6,104
	4	1700		6,109	13.2		6,122
	4 1/4	1715		6,137	13.2		6,150
	4 1/2	1730		6,157	13.2		6,170
	4 3/4	1745		6,180	13.2		6,193
	5	1800		6,190	13.2		6,203
	5 1/2	1830		6,225	13.2		6,238
	6	1900		6,266	13.2		6,279
	6 1/2	1930		6,286	13.2		6,302
	7	2000		6,310	13.2		6,329
	7 1/2	2030		6,350	13.2		6,363
	8	2100		6,378	13.2		6,391
	8 1/2	2130		6,402	13.2		6,421
	9	2200		6,434	13.2		6,447
	9 1/2	2230		6,457	13.2		6,470
	10	2300		6,485	13.2		6,498
	10 1/2	2330		6,505	13.2		6,518
4-23-81	11	2400		6,520	13.2		6,533
	11 1/2	2430		6,540	13.2		6,553
	12	0100		6,560	13.2		6,573
	12 1/2	0130		6,574	13.2		6,587
	13	0200		6,591	13.2		6,604
	13 1/2	0230		6,608	13.2		6,620