BENNETT - CATHEY
Artesia, New Mexico 88210

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY ANADARKO WELL NAME ARNOLD FEDERAL COM. WELL NO. 1
DATE OF TEST 2-26-82 FORMATION _____ PAGE 1 OF 1
FOUR POINT BACK PRESSURE TEST

CHART READINGS AND CALCULATIONS FOR BUILDUP OR DRAWDOWN TEST

ELEMENT NUMBER RPG3 #46951 RANGE 7,000 LBS.
CLOCK NUMBER 20915 RANGE 120 HOURS
TIME WELL SHUT IN 1100 HOURS 2-24-82
TIME CLOCK STARTED 1500 HOURS 2-25-82
DEAD WEIGHT ELEMENT ON SURFACE 3599 LBS.
TIME ELEMENT REACHED BOTTOM 1625 HOURS
DEAD WEIGHT ELEMENT ON BOTTOM 3599 LBS.
ELEMENT SET AT 11,365 FEET.
TEMPERATURE 11,365 FT. 164 °F.
2732 PSIA DEAD WEIGHT AT THE END OF 4 HOURS 0 MINUTES.
TANDEM INSTRUMENT RPG3 #16951, 7,000 LBS.

DATE 2-26-82	HOUR	TIME	DEFLECTION in/inches	CALCULATED PRESSURE psig	CORRECTION P ± PC psig	CORRECTED PRESSURE psia	PRESSURE AT MID-POINT OF PERFORATIONS psia
SHUT IN	0	0700		5068	13.2	5081	
START TEST	0	0745		5068	13.2	5081	
	1/4	0800		5013	13.2	5026	
	1/2	0815		5013	13.2	5026	
	3/4	0830		5012	13.2	5025	
END RATE 1	1	0845		5012	13.2	5025	
	1-1/4	0900		4971	13.2	4984	
	1-1/2	0915		4964	13.2	4977	
	1-3/4	0930		4960	13.2	4973	
END RATE 2	2	0945		4960	13.2	4973	
	2-1/4	1000		4910	13.2	4923	
	2-1/2	1015		4906	13.2	4919	
	2-3/4	1030		4903	13.2	4916	
END RATE 3	3	1045		4903	13.2	4916	
	3-1/4	1100		4852	13.2	4865	
	3-1/2	1115		4820	13.2	4833	
	3-3/4	1130		4824	13.2	4837	
END RATE 4	4	1145		4824	13.2	4837	

Bryan Printers & Stationers, Inc