

UNIT : F
 LEASE : KIMLEY
 WELL : 1
 S/T/R : 19 23S 28E
 COUNTY: EDDY
 STATE : NEW MEXICO

TYPE TEST: 4 POINT
 : INITIAL
 TEST DATE: 7/11/86

NEW MEXICO OIL CONSERVATION COMMISSION
 MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELLS

COMPANY: READ AND STEVENS
 FIELD: POOL: CONNECTION: EPNG
 COMPLETED 7 8 86 TD = 0.
 CSG SIZE = 5.0000 WT = 20.30
 TBG SIZE = 2.3750 WT = 4.70
 TYPE COMPLETION: SINGLE
 PRODUCING THROUGH: TUBING
 RESERVOIR TEMP., F = 240. @11479. FT.
 RESERVOIR: ATOKA
 PBD = 12065. ELEV = 0.
 SET AT 12065. PERF: 11157.-11801.
 SET AT 11090. PERF: 0.- 0.
 PACKER SET AT: 11090.
 BARO. PRESS = 13.20 PSIA
 MEAN GROUND TEMP., F = 60.

L	H	G	% CO2	% N2	% H2S	PROVER	M-RUN	TAPS
11479.	11479.	0.633	0.11	0.71	0.	0.	4.0	FLANGE

NO.	LINE SIZE	ORI. SIZE	FLOW PSIG	HW IN.	FLOW TEMP	TBG. PSIG	TBG. TEMP	BHP PSIG	BH TEMP	FLOW HRS.
1	4.03 X	0.875	208.	13.0	95.	3942		5198.	240.	72.0
2	4.03 X	0.875	273.	37.8	78.	3740.	340.	5000.	240.	1.0
3	4.03 X	0.875	300.	53.3	80.	35300.	460.	4772.	240.	1.0
4	4.03 X	0.875	300.	83.7	70.	33100.	650.	4519.	240.	1.0
						30100.	810.	4200.	240.	1.0

COEFFICIENT (24 - HOUR)	SQRT. (HWPM)	PRESS. PM	T-FACTR F (T)	G-FACTR F (G)	SC-FACTR F (PV)	FLOW MCFD
3.63	53.51	220.9	0.9680	1.2569	1.0167	240.
3.63	104.05	286.2	0.9831	1.2569	1.0249	478.
3.63	129.27	313.6	0.9813	1.2569	1.0270	594.
3.63	162.04	313.6	0.9905	1.2569	1.0290	753.

P (R)	TEMP. R	T (R)	Z	GAS LIQ RATIO, MCF/BBL	API G OF HYDROCARBONS	SP G SEPARATOR GAS	SP G FLOWING FLUID	CRITICAL PRES., PSIA	CRITICAL TEMP., R
0.33	555.	1.51	0.967	0.	0.	0.633	XXXXX	670.	367.
0.43	538.	1.47	0.952						
0.47	540.	1.47	0.948						
0.47	530.	1.45	0.944						

PW	PW*PW	PC*PC-PW*PW	PC =	PC*PC =	PC*PC / (PC*PC-PW*PW) =
3939.	15519.	1378.			
3744.	14018.	2879.			
3529.	12457.	4440.			
3262.	10641.				
			4110.6	16897.	