

UNIT : HH
 LEASE : STATE
 WELL : 1
 S/T/R : 36-19S-32E
 COUNTY: LEA
 STATE : NEW MEXICO

PE TEST: 1 POINT
 : INITIAL
 TEST DATE: 10/ 2/81

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

COMPANY: UNION OIL COMPANY OF CALIFORNIA CONNECTION: WOPL
 FIELD: GEM MORROW POOL: 1 RESERVOIR: MORROW
 COMPLETED 9-81 TD = 13800 PBD = 13755 ELEV = 3582
 CSG SIZE = 5.5000 WT = 17.00 SET AT 13800 PERF: 13584-13624
 TBG SIZE = 2.8750 WT = 6.50 SET AT 13500 PERF: 0- 0
 TYPE COMPLETION: SINGLE PACKER SET AT: 13500
 PRODUCING THROUGH: TUBING BARD. PRESS = 13.20 PSIA
 RESERVOIR TEMP., F = 177 @ 13584 FT. MEAN GROUND TEMP., F = 60

L	H	G	% CO2	% N2	% H2S	PROVER	M-RUN	TAPS
13584	13584	.660	.75	5.25	0.	0.	4.0	FLANGE

NO.	LINE SIZE	ORI. SIZE	FLOW PSIG	HW IN.	FLOW TEMP	TBG. PSIG	TBG. TEMP	CSG. PSIG	CSG. TEMP	FLOW HRS.
SI						3400	60			101.0
1	4.00 X	1.000	300	36.0	90	300	60	0	0	12.0
2										
3										
4										

NO.	COEFFICIENT (24 - HOUR)	SQRT. (HWPM)	PRESS. PM	T-FACTR F (T)	G-FACTR F (G)	SC-FACTR F (PV)	FLOW MCFD
1	4.75	106.18	313.2	.9723	1.2309	1.0238	618
2							
3							
4							

NO.	P (R)	TEMP. R	T (R)	Z	GAS LIQ RATIO, MCF/BBL	
1	.47	550	1.52	.954	API G OF HYDROCARBONS	14.782
2					SP G SEPARATOR GAS	56.1
3					SP G FLOWING FLUID	XXXXX
4					CRITICAL PRES., PSIA	.831
					CRITICAL TEMP., R	655
						415

NO.	PW	PW+PW	PC+PC-PW+PW		
1	323	104	11546	PC =	3413.2
2				PC+PC =	11650
3				PC+PC/(PC+PC-PW+PW) =	1.0090
4				(PC+PC/(PC+PC-PW+PW)) ♦♦N =	1.0077
				ADP (MCF/DAY) =	623