

UNIT :
 LEASE : SMITH
 WELL : 1
 S/T/R : 25-19S-33E
 COUNTY: LEA
 STATE : NEW MEXICO

TY TEST: 1 POINT
 : INITIAL
 TEST DATE: 6/23/82

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: RESERVOIR: MORROW
 COMPLETED 4-10-82 TD = 13650 PBD = 13565 ELEV = 3644 *K.B.*
 CSG SIZE = 5.5000 WT = 17.00 SET AT 13650 PERF: 13482-13494
 TBG SIZE = 2.3750 WT = 4.70 SET AT 13432 PERF: 0- 0
 TYPE COMPLETION: SINGLE PACKER SET AT: 13432
 PRODUCING THROUGH: TUBING BARD. PRESS = 13.20 PSIA
 RESERVOIR TEMP., F = 172 @ 13482 FT. MEAN GROUND TEMP., F = 60

L	H	G	% CO2	% N2	% H2S	PROVER	M-RUN	TAPS
13482	13482	.696	.59	.48	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						2500	60			2.0
1	4.03	X 1.750	540	2.0	82	850	87	0	0	9.5
2										
3										
4										

NO.	COEFFICIENT (24 - HOUR)	SOFT. (HWP/M)	PRESS. PM	T-FACTR F (T)	G-FACTR F (G)	SC-FACTR F (PV)	FLOW MCF/D
1	14.93	33.26	553.2	.9795	1.1987	1.0559	615
2							
3							
4							

NO.	P (R)	TEMP. R	T (R)	Z	GAS LIQ RATIO, MCF/BBL	48.449
1	.83	542	1.40	.897	API G OF HYDROCARBONS	48.5
2					SP G SEPARATOR GAS	.696 XXXXX
3					SP G FLOWING FLUID	XXXXX .753
4					CRITICAL PRES., PSIA	669 667
					CRITICAL TEMP., R	386 404

NO.	PW	PW+PW	PC+PC-PW+PW	PC =	2513.2
1	855	731	5585	PC+PC =	6316
2				PC+PC/(PC+PC-PW+PW) =	1.1309
3				(PC+PC/(PC+PC-PW+PW)) * N =	1.1103
4				AND (MCF/DAY) =	683

RECEIVED

JUL 21 1982

G.C.D.
HOUSE OFFICE