

UNIT :
 LEASE : BARCLAY STATE
 WELL : 1
 S&T/R : 2-23S-31E
 COUNTY: EDDY
 STATE : NEW MEXICO

RECEIVED BY
 JUN 24 1986
 O. C. D.
 ARTESIA, OFFICE

TYPE TEST: 4 POINT
 : INITIAL
 TEST DATE: 5/12/86

NEW MEXICO OIL CONSERVATION COMMISSION
 MULTIPPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELLS
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COMPANY: UNION OIL COMPANY OF CAL
 FIELD: WEST BARCLAY PROSP: POOL:
 COMPLETED 5-4-86 TD = 15136.
 CSG SIZE = 4.5000 WT = 13.50
 TBG SIZE = 2.3750 WT = 4.70
 TYPE COMPLETION: SINGLE
 PRODUCING THROUGH: TUBING
 RESERVOIR TEMP., F = 167. @14062. FT.
 CONNECTION: WOPL
 RESERVOIR: MORROW
 PBD = 14580. ELEV = 3459.
 SET AT 15133. PERF: 14062.-14466.
 SET AT 12275. PERF: 0.- 0.
 PACKER SET AT: 12275.
 BARO. PRESS = 13.20 PSIA
 MEAN GROUND TEMP., F = 60.

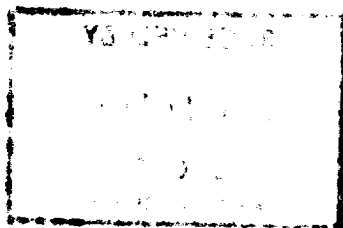
L	H	G	% CO2	% N2	% H2S	PROVER	M-RUN	TAPS
14062.	14062.	0.598	0.	0.	0.	0.	2.9	FLANGE

NO.	LINE SIZE	ORI. SIZE	FLOW PSIG	HW IN.	FLOW TEMP	TBG. PSIG	TBG. TEMP	CSG. PSIG	CSG. TEMP	FLOW HRS.
SI						5000.	65.			68.5
1	2.90 X	0.500	640.	3.5	97.	4720.	99.	0.	0.	1.0
2	2.90 X	0.500	670.	13.5	93.	4540.	98.	0.	0.	0.7
3	2.90 X	0.500	650.	34.0	90.	4240.	95.	0.	0.	0.7
4	2.90 X	0.500	630.	76.0	82.	3640.	88.	0.	0.	0.7

NO.	COEFFICIENT (24 - HOUR)	SQRT. (HWPM)	PRESS. PM	T-FACTOR F (T)	G-FACTOR F (G)	SC-FACTOR F (PV)	FLOW MCFD
1	1.18	47.81	653.2	0.9662	1.2932	1.0444	74.
2	1.18	96.04	683.2	0.9697	1.2932	1.0479	149.
3	1.18	150.16	663.2	0.9723	1.2932	1.0475	234.
4	1.18	221.10	643.2	0.9795	1.2932	1.0488	348.

NO.	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
1	0.97	557.	1.56	0.917	0.	0.	0.598	XXXXX	673.	358.
2	1.02	553.	1.55	0.911						
3	0.99	550.	1.54	0.911						
4	0.96	542.	1.51	0.909						

NO.	PM	PM+PM	PC+PC+PM+PM	PC =	PC+PC =	PC+PC/(PC+PC+PM+PM) =	(PC+PC/(PC+PC+PM+PM)) + PM =	API (MCF/BBL) =
1	4673.	21840.	3266.				5010.6	
2	4494.	20199.	4908.				25106.	
3	4199.	17829.	7478.				2.0804	
4	3611.	13036.	12068.				1.9959	



RECEIVED
MAY 16 1986
HOBBS, N.M.