

UNIT :
 LEASE : STATE 19 COMM
 WELL : 1
 S/T/R : 19-19-28
 COUNTY: EDDY
 STATE : NEW MEXICO

T E TEST: 4 POINT
 : INITIAL
 TEST DATE: 3/31/78

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

COMPANY: SOUTHLAND ROYALTY
 FIELD: UNDESIGNATED (MORROW):
 COMPLETED 2-10-78 TD = 11100.
 CSG SIZE = 4.5000 WT = 11.60
 TBG SIZE = 2.3750 WT = 4.70
 TYPE COMPLETION: SINGLE
 PRODUCING THROUGH: TBG
 RESERVOIR TEMP., F = 168. @ 10878. FT.
 CONNECTION: UNDESIGNATED
 RESERVOIR: MORROW
 PBD = 10950. ELEV = 3508.
 SET AT 11100. PERF: 10863. / 10892.
 SET AT 10655. PERF: 0. - 0.
 PACKER SET AT: 10655.
 BARD. PRESS = 13.20 PSIA
 MEAN GROUND TEMP., F = 60.

L	H	G	% CO2	% N2	% H2S	PROVER	M-RUN	TAPS
10878.	10878.	0.626	0.	0.	0.	0.	2.1	FLANGE

NO.	LINE SIZE	ORI. SIZE	FLOW PSIG	HW IN.	FLOW TEMP	TBG. PSIG	TBG. TEMP	CSG. PSIG	CSG. TEMP	FLOW HRS.
SI						3250.	60.			172.0
1	2.07 X	0.750	464.	27.8	81.	2910.	69.	0.	0.	1.0
2	2.07 X	0.750	510.	76.4	79.	2315.	71.	0.	0.	1.0
3	2.07 X	1.250	450.	14.6	67.	1870.	70.	0.	0.	1.0
4	2.07 X	1.250	480.	20.6	63.	1680.	68.	0.	0.	1.0

NO.	COEFFICIENT (24 - HOUR)	SORT. (HMPM)	PRESS. PM	T-FACTOR F (T)	G-FACTOR F (G)	SC-FACTOR F (PV)	FLOW MCFD
1	2.71	115.18	477.2	0.9808	1.2639	1.0403	402.
2	2.71	199.93	523.2	0.9826	1.2639	1.0448	703.
3	8.12	82.24	463.2	0.9937	1.2639	1.0432	875.
4	8.12	100.80	493.2	0.9971	1.2639	1.0470	1080.

NO.	P (R)	TEMP. R	T (R)	Z	GAS LIQ RATIO, MCF/BBL	
1	0.71	541.	1.47	0.924	API G OF HYDROCARBONS	0.
2	0.78	539.	1.47	0.916	SP G SEPARATOR GAS	0.626 XXXXX
3	0.69	527.	1.44	0.919	SP G FLOWING FLUID	XXXXX 0.626
4	0.73	523.	1.43	0.912	CRITICAL PRES., PSIA	671. 671.
5					CRITICAL TEMP., R	367. 367.

NO.	PW	PW+PW	PC+PC-PW+PW		
1	2913.	8487.	2162.	PC =	3263.2
2	2319.	5376.	5272.	PC+PC =	10648.
3	1880.	3536.	7112.	PC+PC/(PC+PC-PW+PW) =,	1.3703
4	1696.	2877.	7771.	(PC+PC/(PC+PC-PW+PW)) ♦♦N =	1.2766
5				ADF (MCF/DAY) =	1379.