

PRO WELL TESTING & WIRELINE FIELD DATA SHEET

COMPANY Santa Fe Energy Resources COMPANY REPRESENTATIVE _____

WELL NAME & NO. Laguna Salada South #1 TEST DATE & TIME 02-22-91

COUNTY Eddy STATE New Mexico ELEVATION _____ FORMATION Morrow

WIT _____ SECTION 22 TOWNSHIP 23-S RANGE 29-E

TEST TYPE X INITIAL _____ ANNUAL _____ SPECIAL _____ TYPE WELL Single

COMPLETION DATE 02-07-91 TD@ 13,630 PBD@ 13,547 PKR@ 13,056

CONNECTION Pinnecil METER RUN 4,026" TAPS Flange

CASING SIZE 4½ WT. 135# DIA. _____ SET@ 13,630

PIPELINE SIZE 2 3/8" WT. 4.7# DIA. _____ SET@ 13,056

PERFORATIONS FROM 13,158 TO 13,186

PRODUCING THRU Tubing

TIME DATE	ELAP. HR	TBG. PRES	CASING PRES	W/H TEMP	METER PRES	OR PROVER DIFF	ORIF. TEMP	ORIF. SIZE	CHOKE SIZE	MCFD	REMARKS
2-22-91	72 hr	3765	PKR						645		
2:00PM	.00	3765	PKR		600	7"	75°	1.750"	6/64	1212	Start Test
2:15	.15	3460	PKR		600	6"	67°	1.750"	6/64	1122	
2:30	.30	3435	PKR		605	6"	69°	1.750"	6/64	1144	
2:45	.45	3435	PKR		605	6"	72°	1.750"	6/64	1144	
3:00	1.00	3440	PKR		605	5½"	72°	1.750"	6/64	1079	End Rate I
3:15	1.15	3269	PKR		605	11"	73°	1.750"	7/64	1526	Start Rate II
3:30	1.30	3262	PKR		605	11"	72°	1.750"	7/64	1526	
3:45	1.45	3262	PKR		610	11"	75°	1.750"	7/64	1532	
4:00	2.00	3260	PKR		610	11"	76°	1.750"	7/64	1532	End Rate II
4:15	2.15	3005	PKR		610	22"	76°	1.750"	8.5/64	2167	Start Rate III
4:30	2.30	2970	PKR		620	19"	69°	1.750"	8.5/64	2030	
4:45	2.45	2925	PKR		620	21"	72°	1.750"	8.5/64	2134	
5:00	3.00	2910	PKR		620	21"	72°	1.750"	8.5/64	2134	End Rate III
5:15	3.15	2670	PKR		620	43"	70°	1.750"	12/64	3054	Start Rate IV
5:30	3.30	2580	PKR		640	34"	70°	1.750"	12/64	2758	
5:45	3.45	2590	PKR		640	32"	70°	1.750"	12/64	2676	
6:00	4.00	2605	PKR		640	30"	70°	1.750"	12/64	2591	End Rate IV

NO FLUID DURING TEST