

JARREL SERVICES. INC.
 PHONE (505) 393-1736
 HOBBS, NEW MEXICO, 88240

PRESSURE TRANSIENT TEST DATA

COMPANY: Santa Fe Energy Resources Inc.	CONTACT: Tom Folsom
LEASE: Bilbrey 28 A Federal	WELL: #1
FIELD: Bilbrey	ZONE: Morrow
COUNTY: Eddy	STATE: New Mexico
STATUS: 45 minute flow; 144 hour shut in	OPERATOR: Standefer

PERFORATIONS FROM: 13,902.0'	TO: 13,912.0'
DEPTH: 13,644.0'	TEMPERATURE: 190.0°F

ELEMENT: BRC	RANGE: 10000 psig
CLOCK:	RANGE: 0 hrs
ELEMENT: 20203	RANGE: 10000 psig
CLOCK: 22968	RANGE: 180 hrs

SURFACE PRESSURE MEASUREMENTS

EVENT	DATE	TIME	DEAD WEIGHT PRESSURE
START CLOCK	05/02/90	09:15:00	4,852.0 psig
SET ELEMENT	05/02/90	11:30:00	4,852.0 psig
WELL SHUT IN	05/02/90	12:15:00	4,852.0 psig
TEST ENDED	05/08/90	12:15:00	6,503.0 psig

SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	t hrs	GAUGE PRESSURE psig	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
05/02/90	11:30:00	-0.750	6,856.0	6,869.2	6,904.2
05/02/90	12:15:00	0.000	6,856.0	6,869.2	6,904.2
05/02/90	12:30:00	0.250	8,352.0	8,365.2	8,400.2
05/02/90	12:45:00	0.500	8,354.0	8,367.2	8,402.2
05/02/90	13:00:00	0.750	8,356.0	8,369.2	8,404.2
05/02/90	13:15:00	1.000	8,358.0	8,371.2	8,406.2
05/02/90	13:45:00	1.500	8,360.0	8,373.2	8,408.2
05/02/90	14:15:00	2.000	8,363.0	8,376.2	8,411.2
05/02/90	14:45:00	2.500	8,365.0	8,378.2	8,413.2
05/02/90	15:15:00	3.000	8,367.0	8,380.2	8,415.2
05/02/90	15:45:00	3.500	8,369.0	8,382.2	8,417.2
05/02/90	16:15:00	4.000	8,370.0	8,383.2	8,418.2
05/02/90	16:45:00	4.500	8,373.0	8,386.2	8,421.2
05/02/90	17:15:00	5.000	8,374.0	8,387.2	8,422.2
05/02/90	18:15:00	6.000	8,375.0	8,388.2	8,423.2
05/02/90	19:15:00	7.000	8,376.0	8,389.2	8,424.2
05/02/90	20:15:00	8.000	8,377.0	8,390.2	8,425.2
05/02/90	21:15:00	9.000	8,379.0	8,392.2	8,427.2
05/02/90	22:15:00	10.000	8,379.0	8,392.2	8,427.2
05/02/90	23:15:00	11.000	8,380.0	8,393.2	8,428.2
05/03/90	00:15:00	12.000	8,381.0	8,394.2	8,429.2
05/03/90	01:15:00	13.000	8,381.0	8,394.2	8,429.2