

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

RECEIVED

JAN 5 1985

PRESSURE TRANSIENT TEST DATA

Midland

COMPANY: Pogo Producing Company
LEASE: Pure Gold 'D' Federal
FIELD: West Sand Dunes Morrow
COUNTY: Eddy
STATUS: 45 minute flow; 137.5 hour shut-in

CONTACT: Bill Gill
WELL: #1
ZONE: Morrow
STATE: New Mexico
OPERATOR: Standefer

PERFORATIONS FROM: 14,122.0'
DEPTH: 13,975.0'

TO: 14,208.0'
TEMPERATURE: 209.0°F.

ELEMENT: 14418
CLOCK: 6503
ELEMENT: 14419
CLOCK: 2258

RANGE: 8800 psig
RANGE: 180 hrs
RANGE: 8975 psig
RANGE: 168 hrs

SURFACE PRESSURE MEASUREMENTS

EVENT	DATE	TIME	DEAD WEIGHT PRESSURE
START CLOCK	12/31/85	15:30:00	2,474.0 psig
SET ELEMENT	12/31/85	16:45:00	2,474.0 psig
WELL SHUT IN	12/31/85	17:30:00	2,474.0 psig
TEST ENDED	01/06/86	11:00:00	3,872.0 psig

SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	t hrs	GAUGE PRESSURE psig	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
12/31/85	16:45:00	-.750	2,952.0	2,965.2	2,974.5
12/31/85	17:30:00	0.000	2,952.0	2,965.2	2,974.5
12/31/85	17:40:00	.167	2,979.0	2,992.2	3,001.6
12/31/85	17:50:00	.333	3,000.0	3,013.2	3,022.6
12/31/85	18:00:00	.500	3,022.0	3,035.2	3,044.7
12/31/85	18:10:00	.667	3,040.0	3,053.2	3,062.7
12/31/85	18:20:00	.833	3,063.0	3,076.2	3,085.8
12/31/85	18:30:00	1.000	3,085.0	3,098.2	3,107.9
12/31/85	19:00:00	1.500	3,157.0	3,170.2	3,180.1
12/31/85	19:30:00	2.000	3,216.0	3,229.2	3,239.3
12/31/85	20:00:00	2.500	3,270.0	3,283.2	3,293.5
12/31/85	20:30:00	3.000	3,324.0	3,337.2	3,347.6
12/31/85	21:00:00	3.500	3,373.0	3,386.2	3,396.8
12/31/85	21:30:00	4.000	3,423.0	3,436.2	3,446.9
12/31/85	22:00:00	4.500	3,472.0	3,485.2	3,496.1
12/31/85	22:30:00	5.000	3,517.0	3,530.2	3,541.2
12/31/85	23:30:00	6.000	3,598.0	3,611.2	3,622.5
01/01/86	00:30:00	7.000	3,675.0	3,688.2	3,699.7
01/01/86	01:30:00	8.000	3,747.0	3,760.2	3,772.0
01/01/86	02:30:00	9.000	3,809.0	3,822.2	3,834.2
01/01/86	03:30:00	10.000	3,868.0	3,881.2	3,893.3
01/01/86	04:30:00	11.000	3,922.0	3,935.2	3,947.5