

JARREL SERVICES, INC.

POST OFFICE BOX 1654

PHONES 505 393-5396 — 393-8274

HOBBS, NEW MEXICO 88240

BOTTOM HOLE PRESSURE RECORD

OPERATOR Pogo Producing Company
 FIELD West Sand Dunes Morrow
 FORMATION Morrow
 LEASE Pure Gold D Federal WELL No. 1
 COUNTY Eddy STATE New Mexico
 DATE 1/6/86 TIME 11:00 AM
 Status Shut in
 Test Depth 13975'
 Time S. I. 137.5 hrs. Last test date 12/31/85
 Tub Pres. 3872 DWT BHP last test 5244
 Cas. Pres. PKR BHP change 111# Loss
 Elev. 3350' GL Fluid top None
 Datum (-10815)** Water top None
 Temp. 209 F Run by JSI #24
 Cal. No. 14419 Chart No. 3

Depth	Pressure	Gradient
0	3872 DWT	-
2000	4061	.095
4000	4236	.088
6000	4421	.093
8000	4602	.091
10000	4778	.088
12000	4949	.086
13975	5117	.085
14165 (-10815)	5133 * **	(.085)

* EXTRAPOLATED PRESSURE

** MIDPOINT OF CASING PERFORATIONS

