

Summary of DSTs
Pogo Producing Company State L-921 No. 2
Sec. 21, T21S, R34E, Lea County, New Mexico

4-18-79: DST #1, 12096'-12279', 12.6# mud, 2500' water blanket
11:22 A.M. Tool open with weak blow for 15"
11:37 A.M. Close tool, SI 1 hour
12:40 P.M. Open tool with fair to strong blow
1:55 P.M. Change to 1/8" choke, 4 psig
2:00 P.M. 1/8" choke, 4 psig
4:40 P.M. 1/8" choke, 10 psig - SI for FSI (tool open 4 hrs., gas to surface in 195 minutes)

	<u>Top Chart</u>	<u>Bottom Chart</u>
IHP	8201.6	8272.7
IF	1164.1	1201.9
ISIP	6876.2	6961.9
FF	1164.1	1201.9
FSIP	6894.9	6961.9
FHP	8108.2	8113.8

Recovered 360' drlg. mud & water cushion, slightly oil cut
Sample chamber: 3.8 cu ft gas, 700 cc oil, 680 cc drlg mud
Oil: 44° API @ 80F - 910 psig.

4-20-79: DST #2, 12096'-12339', Packer failed

4-22-79: DST #3, 12096'-12339', 12.6# mud, 3000' water blanket
6:45 A.M. Open tool with weak blow, no significant increase
8:45 A.M. 1/8" choke, 1 psig
2:00 P.M. 1/8" choke, 12.5 psig, tool open 7 hrs. 15 min., gas to surface in 5 hrs. 4 min.

	<u>Top Chart</u>	<u>Bottom Chart</u>
IHP	8164	8213
IF	1425-1444	1440-1460
ISIP	7062	7014
FF	1537-1873	1539-1758
FSIP	6913	6902
FHP	8052	8094

Sample chamber: 1100 psig, 40 cc oil, 1380 cc water - 78,000 ppm chlorides, 180 cc mud, 0.65 cu ft gas