

11/9/78
DST #1 10,664-10,820, 156' test interval, tool open w/weak blow increased to good blow in 5 minutes, open for 30 minutes at 7 lbs. pressure on 3/8" choke, closed tool for 1 1/2 hours opened tool & gas surfaced in 5 minutes, 6 1/2 lbs. on 3/8" choke, flowed for 20 minutes and decreased to 3 lbs., open for 2 hours, shut in for 4 hours, released tool started out of hole, pulled fluid & reversed out 100' oil 900' wtr, sampler 250 lbs. pressure, 220 cubic ft. gas, 750 cc oil, 400 cc wtr., bottom hole temperature 119°. IHP 5313 top-5403 bottom, IFP 174 Top-302 bottom, FFP 217 top-323 bottom, ISIP 229 top-239 bottom, second IFP 217 top-323 bottom, FFP 434 top-496 bottom, FSIP 2415 top-2463 bottom, FHP 5270 top-5340 bottom.

11/27/78
DST #2 11,630'-11,700' - opened tool with strong blow at 11:00 PM 1/23/78 gas to surface at 11:30 PM, in 5 mins. 9 lbs. pressure, 10 mins. 10 1/2 lbs., 15 mins. 10 lbs., 20 mins. 9 lbs., 25 mins. 8 1/2 lbs., 30 mins. 8 lbs., closed at 11:30 PM, opened at 1:30 AM 1/24/78, final close in 3:00 AM, started out of hole at 6:00 AM, 3 hr. final shut in, IHP 5698 Top - 5722 Bottom, first IFP 130 Top - 129 bottom, FFP 152 top - 173 bottom, ISIP 824 top - 862 bottom, Second IFP 109 Top - 108 bottom, FFP 174 top - 194 bottom, ISIP 694 top - 690 bottom, FHP 5655 top - 5701 bottom, temperature 146°, Sampler - 350 psi, no fluid, 1.7 cubic ft. of gas, recovered 10' oil and 350' oil & gas cut mud.

DST #3 Packer seat at 12,964', tool opened at 3:00 AM 1/31/78, tool closed at 3:30 AM, opened tool second time at 4:30 AM, closed at 5:30 AM, final close in 7:30 AM, Opened for 30 mins, closed for 1 hour, opened second time for 1 hour, closed 2 hours, tool opened w/very weak blow, opened second time with small blow. IHP 6934 top-6947 bottom, First IFP 22 top-65 bottom, FFP 109 top-108 bottom, First SIP 6232 top-6272-bottom, Second IFP 174 top-151 bottom, FFP 260 top-27 bottom, FSI 6232 top-6251 bottom, FHP 6934 top-6936 bottom, temperature 146°, sampler had 240# pressure, 1900 cc water, no gas, recovered 200' mud 275' water.

DST #4 Tested from 13,360' to 13,460', packer seat at 13,360', open test tool with a good blow, gas to surface in 15 mins., 30 mins has 84# pressure on 3/8" choke, closed tool for 2 hrs., open tool built to 163# on 3/8" choke in 2 hrs., closed in for 5 hrs., 30 mins open, 2 hrs. closed, 2 hrs. open, 5 hrs. closed, IHP- 7232 Top-7129 Bottom, First IFP 195 Top-216 Bottom, FFP 260 Top-280 Bottom, ISIP 6551 top-6610 bottom, second IFP 239 top-237 bottom, FFP 434 top-431 bottom, FSIP 6083 Top-6103 bottom, FHP 7110 top-7199 bottom, temperature 160°, sampler had 400 psi, 2.704 cubic ft. gas, 250 cc fluid, was distillate, recovery 120' distillate & a little gas cut mud, 500' gas cut mud.

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HUBBS, N. M.