

DST No. 4

8653-8790' (137') Canyon. BHC 1". Opened tool w/good blow on 3/8" surface choke. No wtr. blanket. 6 psig in 10 mins., 7 psig in 15 mins. No gas to surface. Closed tool for 60 min. ISIP. Reopened tool for 60 min. final flow w/good blow. Pressures and volumes as follows:

<u>Time</u>	<u>Choke</u>	<u>Flowing Pressure</u>	<u>Gas Volume</u>
5 mins.	3/8	3 psig	58 MCFD
10 mins.	3/8	6 psig	70 MCFD
15 mins.	3/8	3 psig	61 MCFD
20 mins.	3/8	2 psig	58 MCFD
25 mins.	3/8	2 psig	56 MCFD
30 mins.	3/8	1 psig	54 MCFD
35 mins.	1/8	3 psig	6 MCFD
40 mins.	1/8	3 psig	6 MCFD
45 mins.	1/8	5 psig	7 MCFD
50 mins.	1/8	6 psig	8 MCFD
55 mins.	1/8	7 psig	8 MCFD
60 mins.	1/8	9 psig	8 MCFD

Closed tool for 60 min. FSIP. Released pkrs. and POOH. Did not reverse out. Recovered 630' of thin gas cut mud which titrated 72,000 ppm. Pit sample titrated 64,000 ppm chlorides. BHP chart indicated tool plugged for several minutes at mid-point of test then unplugged.

IMCP
IF (15 min.)
ISIP (60 min.)
FF (60 min.)
FSIP (60 min.)
FMCP

Chart at 8663'
4157 psig
158-221 psig
3091 psig (bldg.)
189-284 psig
2997 psig (bldg.)
4157 psig

DST No. 5

10,470-10,601' (131') Morrow, 5/8" BH choke, 1/2" top choke, no water blanket. Tool opened with good blow with surface pressure 1/2 psig in 15 mins., 1/4 psig in 10 mins. and 1/4 psig in 15 mins. Shut in for 60 min. ISIP. Tool opened for final flow with a strong blow through blow hose. Surface pressure throughout entire 60 min. flow period 1/4 psig. Shut in for 60 min. FSIP. No gas to surface during entire test. Pulled tool loose and POOH. Did not reverse out. Recovered 370' drilling fluid (61,000 ppm chlorides and R_w 0.1 at 62°) and 440' salt water (54,000 ppm chlorides and R_w 0.1 at 60°). Pit sample 61,000 ppm chlorides. Sample chamber at 10,410' contained 1940 cc water (54,000 ppm chlorides and R_w 0.1 at 60°) and 0.35 cu ft. gas at 0 psig.

IMCP
IF (15 min.)
ISIP (60 min.)
FF (60 min.)
FSIP (60 min.)
FMCP
BHT

Top Chart at 10,583'
5052 psig
165-227 psig
3960 psig (bldg.)
289-425 psig
3576 psig (bldg.)
5039 psig
180° F