

DST RECORD

DST #1 4919'-4943' August 25, 1977 Formation: Gallup
 Preflow 15 min. Very weak blow throughout.
 Shut-In 60 min.
 Final Flow 90 min. Good blow throughout.
 Final Shut-In 120 min.
 No gas-oil-water to surface.
 Recovery: 50' oil
 70' gas-cut mud
 2700' gas in pipe
 Top Recorder at 4897 Bottom Recorder at 4930
 2339 IHP 2376
 27-40 IFP 27-41
 1650 ISIP 1670
 40-80 FFP 41-82
 1812 FSIP 1833
 2339 FHP 2363
 Sample Chamber: 3.7 CF gas, 1500 cc gas-cut oil at 1200 psi
 BHT 130°F

DST #2 5687'-5709' August 28, 1977 Formation: Dakota
 Preflow 15 min. Very weak blow throughout.
 Shut-In 60 min.
 Final Flow 90 min. Very weak blow throughout.
 Final Shut-In 120 min.
 No gas-oil-water to surface.
 Recovery: 490' gas
 5' slightly gas & oil-cut mud
 Top Recorder at 5699
 2738 IHP
 62-65 IFP
 73 ISIP
 40-35 FFP
 47 FSIP
 2718 FHP
 Sample Chamber: 2200 cc slightly gas & oil-cut mud at 10 psi
 BHT 165°F

DST RECORD

DST #3 5886'-5986' August 31, 1977 Formation: Dakota

Preflow 5 min. Very weak blow.

Shut-In 60 min.

Final Flow 90 min. Very weak to good blow.

Final Shut-In 90 min.

No gas to surface.

Recovery: 855' fluid

60' gas

120' slightly gas-cut mud

735' gas & oil-cut muddy water

Top Recorder at 5858

Bottom Recorder at 5982

2739 IHP 2795

79-79 IFP 106-186

2529 ISIP 2611

106-370 FFP 239-425

2397 FSIP 2479

2739 FHP 2795

Sample Chamber: 200 cc gas-cut muddy water at 75 psi.

R_w contents 1.22 ohms at 85°F

R_w drilling mud 4.46 ohms at 85°F

Bottom sample water 1.24 ohms at 85°F

BHT 174°F

PLUGGING RECORD

Interval

Sacks Cement

5986'-5565'

Plugged back with 150 sx Class "B" cement