

12-23-81---Drilling @ 9,865' in lime & shale 5'/hr. L #9 F-57 S/N BU5315 w/11, 11,11 jets in @ 10,39', made 471' in 50 hrs. Reamer w/ laid down, Reamer #4 @ 90', SS laid down (lt. 9.4, Vis. 47, WL 16, pH 10.4 PP 1600, 60 SPM, 45,000#, Rotary 56 RPM. DST #1 (10,660' - 10,850') recovered 182' 100% drilling fluid. Top Sampler had 1500 cc drilling fluid. All samples = 19,000 PPM Chlorides.

First Flow:	IHP	4938	IFP	133	FFP	133 (15 min.)	ISI	309 (59 min.)
Second Flow:			IFP	133	FFP	133	ISI	133
Third Flow:			IFP	133	FFP	177 (7 min.)	ISI	221 (60 min.)

Final Hydrostatic Pressure 4938.

Consolidated State "A" No & c

nrs

A.

1-14-82---Depth 11,883' in dolomite. DST #5 cont..Bit #14 STC F-7 R.R. #12 S/N CE 0060 w/10,11,11 jets in at 11,883'. Wt. 9.1, Vis. 55, W/L 15.0, F/C 2/32, pH 9.1.

1-12-82---Depth 11,883' in dolomite. TIH w/DST tools. Wt. 9.2, Vis. 57, W/L 14.0, F/C 2/32, pH 9.4, PP 1000, 60 SPM, Rotary 56 RPM.

Time: 9¼ hrs circ, 2¼ hrs short trip, 4-3/4 hrs TOH for DST, 1-3/4 hrs wait on Halliburton, 2 hrs P.U. and make up DST tools, 4 hrs TIH w/DST tools.

1-13-82---Depth 11,883' in dolomite. Pulling out of hole w/DST #5. Wt. 9.2, Vis. 57, W/L 14.0, F/C 2/32, pH 9.5.

DST #1 11,773' to 11,883' in 15" w/weak blow increasing to 15" in bucket, tool closed 9/ , reopened tool for 5 hours. In 60" 1½ lbs on bubble hose increasing slowly. In 72" - ¼" ck---3½ oz. surface pressure
160" - ¼" ck---3½ oz. surface pressure
180" - ¼" ck---3½ oz. surface pressure

Tool open 5 hours, tool closed 10 hours.

NOTE: The original attempt (1-5-82) to test the strawn zone 11,778' to 11,883 was to be DST #2. Subsequent attempts were DST #3 and DST #4.

Time: 4½ hrs TIH w/DST tools, 1¼ hrs rig repair, 1½ hrs TOH w/DST tools, 16-3/4 hrs DST #5.

1-14-82---Depth 11,883' in dolomite. DST #5 cont..Bit #14 STC F-7 R.R. #12 S/N CE 0060 w/10,11,11 jets in at 11,883'. Wt. 9.1, Vis. 55, W/L 15.0, F/C 2/32, pH 9.1.

DST #5 cont. 11,773' to 11,883'. On second opening.

@ 4 hrs ¼" ck ----- 2½ oz surface pressure

@ 5 hrs ¼" ck ----- 2½ oz surface pressure

Recovered: 1868' oil and oil cut mud -- no water.

Samples Recovery: 2200 CC fluid (2000 CC oil + 200 CC drilling mud) 0.3 c.f. gas.

	TOP RECORDER	BOTTOM RECORDER
IHP	5774	5788
IPFP	67	107
FPFP-16"	201	214
ISIP-97"	4545	4590
IFP	201	214
FFP-300"	646	684
FSIP-603"	4545	4590
FHP	----	5746

NOTE: Correction to report of 1-13-82, DST #1 was a Strawn test, DST #2,3,and 4 were mis-runs, tool failure or other mechanical failures all in Devonian from 11,778' to 11,883' or 11,773' to 11,883'.

Time: 6¼ hrs POH w/ DST #5, ¼ hr rig service, 3½ hrs reverse out 1868' oil and 0.1 cut mud, 3¼ hrs break down and load out DST tools, 1 hr cut drilling lines, 6 hrs TIH w/bit, 3-3/4 hrs rig repairs dropped blocks, no injuries.

1-15-82---Drilg @ 11,894' in lime and dolomite. Bit #14 F-7 RR-12 S/N CE 0060 w/10,11,11 jets in at 11,883' and made 11' in 1¼ hrs. Wt. 8.9, Vis. 60, W/L 16, F/C 2/32, pH 10.0, PP 1750, 60 SPM, 50,000#, Rotary 56.

Time: 19½ hrs rig repair, 2½ hrs finish TIH and wash 150', 3/4 hr circ on bottom, 1¼ hrs drilling.

1-16-82---Depth 11,935', Schlumberger Depth 11,923' in dolomite and lime. Running open hole logs. Bit #14 F-7 S/N CE 0060 w/10,11,11 jets in at 11,657' out at 11,935' made 276' in 67 hrs. Wt. 8.5, Vis. 60, W/L 10., pH 11.0, PP 1800, 60 SPM, 50,000#, Rotary 56 RPM.

Time: 5½ hrs drilling, 5½ hrs circ for log, 6 hrs POH to log, 1 hr rig repair-master clutch, 1 hr rig up Schlumberger, 5 hrs logging.

Mud: Mixed 4 sx CMC, 10 sx starch, 5 sx caustic.