

PICKETT DRAW FEDERAL #1

- 10-2-87 13,724', 80% Shale, 10% Sand, 10% Lime; 25,000# Wt. on Bit; Present Operation: Drlg., 20 units Background Gas, 50 units connection gas, 200 units trip gas; 11.8 Wt., 38 Vis, 4.4 W.L. 10 PH, 189,000 Chlorides, 50 RPM, 1800 # Pump Pressure, 88 RPM. Bit #18, 6-1/2", H.T.C., J-33, SN-NR394, 3-14 Jets. In @ 13,588', @ 13,688', made 80' in 16 hrs. Bit #19, 6-1/2", Reed, HCSM, SN-U41942, 3-14 Jets, In @ 13,668', Made 56' in 10-1/4 hrs. Survey @ 13,668', 1-1/4. Hourly Breakdown: 10-3/4 hrs.-Trip, 1 hr.-cut drlg. line, 10-1/4 hrs.-drlg. Made 57' in last 24 hrs. DMC: \$1,223; CMC: \$176,327; DWC: \$8,594; CWC: \$1,148,961
- 10-3-87 13,826'; 80% Shale, 20% Sand; 25,000# Wt. on Bit; Present Operation: Drlg., 25 units background gas, 200 units connection gas; 11.7 WT., 37 Vis, 5 W.L., 10 PH, 189,000 Chlorides, 45 RPM, 1800 # Pump Pressure, 87 SPM; Bit #19; 6-1/2", Reed, HPSN, SN-U41942, 3-14 Jets, In @ 13,668', Made 102' in last 24 hrs. DMC: \$0; CMC: \$176,322; DWC: \$9,850; CWC: \$1,158,811.
- 10-4-87 13,920', 70% Shale, 30% Sand, 25,000# Wt. on bit; Present Operation: Drlg., 30 units background gas, 270 units connection gas; 11.8 Wt., 39 Vis. 5 W.L., 10 PH, 189,000 Chlorides, 45 RPM, 1800 # Pump Pressure, 88 SPM, Bit #19, 6-1/2", Reed, HPSN, SN-U41942, 3-14 Jets, In @ 13,668'; Made 252' in 52-3/4 hrs. Hourly Breakdown: 19-1/2 hrs. drlg.. DMC: \$492; CMC: \$176,879; DWC: \$5,850; CWC: \$1,164,661.
- 10-5-87 13,930' T.D.; Shale; Present Operation. Trip in hole with bit; 11.8 WT. 39 Vis., 4.2 W.L., 10 PH, 188,000 Chlorides, Bit #19, Reed 6-1/2", HPSN, SN-U41942, 3-14 Jets, In @ 13,668', Made 252' in 52-3/4 hrs.; Survey @ 13,920', 1-1/2°, Hourly Breakdown: 4-1/2 hrs. steel line measurement, 10' Depth Correction; 18-1/2 hrs. Logging, Run Dual Laterolog: 13,930'-12,656', 1 hr. Trip in hole with bit: DMC: \$0; CMC: \$176,819; EWC: \$18,659; CWC: \$1,183,320.
- 10-6-87 13,930' T.D., Present Operation: Chain out of hole with Liner Setting Tool; 11.8 WT, 38 Vis, 4.8 W.L., 10 PH, 191,000 Chlorides, Hourly Breakdown: 4 hrs.-Trip in hole with bit, 2 hrs.-Circulate, 5 hrs. Trip out, 3 hrs.-run 1329'-34 joints, 5-1/2" 23#, P-110, FL45, 6 hrs.-Trip in with liner on drill pipe, 1-1/2 hr circulate, 1-1/2 hr.-cement with 12 BBL. Spacer followed with 200 sx. Class H, 0.4%, CFR-3, %KCL, 1# Gilsonite, 15.6# cement wt. Plug down @ 5:00 A.M. (10-6-87), Bumped plug. Both floats held. Pull 3 wet stands before going dry; 1 hr.-chain out of hole. DMC: \$0; CMC: \$176,819; DWC: \$24,457; CWC: \$1,207,777
- 10-7-87 13,930' T.D.; Present Operation: Nippling BOP Down. Hourly Breakdown: 11 hr.-Lay down drill pipe & collars; 13 hr.-Nipple down BOP and Jet Pits. DMC: \$0; CMC: \$176,819; DWC: \$5322; CWC: \$1,213,099
- 10-8-87 13,930' T.D. Nippled down BOP. Flanged up Wellhead. Released Rig 10-7-87.

FINAL DRILLING REPORT