

Lime and shale	9006	9068
Lime	9068	9101
Shale and lime	9101	9218
Lime	9218	9230
Lime and shale	9230	9246
Lime	9246	9261
Lime and shale	9261	9340
Lime	9340	9353
Shale and lime	9353	9450
Lime	9450	9468
Lime and shale	9468	9497
Ran Schlumberger	4390	9497
Lime and shale	9497	9543
Lime	9543	9587
Lime and shale	9587	9620
5-1/2" Diamond Core	9620	9664

3/4" @ 9080

Rec. 44', 30-35 MPF.
 9620-26 gray shaley lime,
 9626-31 gray shale, 9631-33 finely
 crystalline tan lime, 9633-43 finely
 crystalline tan lime, fair to good
 vuggy porosity, good stain, blue
 fluorescence, bleed oil, 9643-64
 finely crystalline tan lime w/very
 good vuggy porosity, good stain and
 fluorescence, bleeding oil.

Top Bench Line Pay 9633', 39' low to
 T. Betenbough #1, 89' high to
 Walker Federal #1.

Drill Stem Test	9616	9664
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Permo. Penn. 2 packers, 2-1/2 hrs.
 5/8" BHC and 1" SG, No WC, Gas 3 min.
 (Est. 2570 MBF/24 hrs.) Mud 9 min.
 Oil 11 min. Clean 19 min. Flowed
 135.25 BO 2 hrs. GOR 1589/1,
 Gravity 48.3° @ 60°, S/O 4/10 of 1%
 BS and drlg. mud, no water, Circ. out
 recovery 360' oil and gas out drlg.
 mud, no water, SFP 900-915#,
 BHFP 1700-2600#, 15 min. S-I BHP 4090#
 RH 5400-5250#.

Ran Schlumberger	4390	9661
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Pea gravel 9664-9635
 3' Hydromite 9635-9632

Circ. out pea gravel

Set Halliburton drillable bridging
 plug @ 9633 w/35 sax cement 9633-9520

Halliburton ran calipers, stopped @
 8600'.

D/O stringers to 9633, no solid
 cement.

Plug back w/50 sax cement 9633-9475

Top plug 9475, D/O solid cement
 9475-9629.

Halliburton ran calipers	4380	9622
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Set 5-1/2" OD case @ 9629 w/1120 sax
64 gal. 280 sax wallite, and 100 sax
back.

Halliburton ran Temp. Survey	3000	9337
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Approx. top of cement 3510'.

Drilled out cement 9584-9625

