PETERRA
ENERGY - DRILLING

Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: #32-02
Location: 32-16S-08E-6
Lat/Long: 39.62 NAD 83 Rig: 5.21e 12w
License Number: 0000
Region: Stafford County
Spud Date: 5/3/2016
Drilling Completed: 5/8/2016
Surface Coordinates: Longitude: -98.6826755
Latitude: 39.6826755
Bottom Hole Coordinates: Same as surface coordinates
Ground Elevation (ft): 1942
K.B. Elevation (ft): 1948
Logged Interval (ft): 2600
To: 3420
Total Depth (ft): 3420
Formation: Arbuckle Dolomite
Type of Drilling Fluid: Chemical Gel Mud
Rig: Rig 1
Operator's Phone: 1-800-487-1514 ext 4004
Operator's Address: 1515 Wynkoop Street Suite 700 Denver, CO 80202
Company: Peterra Energy
Contact: Jeffrey M. Bath
Phone: 316-393-1251
Email: jeff@peterraenergy.com
Address: 1515 Wynkoop Street Suite 700 Denver, CO 80202
Geologist: Jeffrey M. Bath
Phone: 316-393-1251
Email: jeff@peterraenergy.com
Address: 1515 Wynkoop Street Suite 700 Denver, CO 80202
Operator: Hutchinson Oil Co.
Address: P.O. Box 195
Derby, KS
67037
Name: Jeffrey M. Bath
Address: 1515 Wynkoop Street Suite 700 Denver, CO 80202
Phone: 316-393-1251
Email: jeff@peterraenergy.com
GEOLOGIST
OPERATOR

DRILL STEM TEST REPORT
Tailwind Testing
Trilobite Testing, Inc.
Hays, KS
Ref No: 1
Well Name: #32-02
Test Unit: 5-DST Unit #1
Test Type: Conventional Bottom Hole (Reset)
Test Date: 5/5/16
Formation: Arbuckle
Tester: Jeff Brown
Ticket No: 1
Job Number: 1976.1
Unit No: 5
Deviated: No
Whipstock: ft (KB)
Time On Site: 05:45 5/5/16
Time Left Location: 13:30 5/5/16
Elevation: 1948.00 ft (KB) 1942.00 ft (GL)
Total Depth: 3420.00 ft (KB)
Reference Elevations: 1948.00 ft (KB)
1942.00 ft (GL)
KB to GL: 6.00 ft
Interval: 3400.00 ft to 3420.00 ft (TVD)
3400.00 ft to 3420.00 ft (MD)
Straddle: ft (KB) ft (GL)
Hole Diameter: 7.88 inches Hole Condition: Good
Mud Type: Chemical Gel Mud
Mud Weight: 9.0 lb/gal
Viscosity: 47.0 sec/qt
Water Loss: 8.8 in³
Resistivity: ohm·m
Chlorides: 3000.00 ppm
Gas Flow:
Recovered
Total Recovered: 1.00 ft
Total Barrels Recovered: 0.01 bbl
Initial Hydrostatic Pressure: 1670.00 PSI
Initial Flow Pressure: 20.00 PSI to 20.00 PSI
Initial Shut-In Pressure: 1016.00 PSI
Final Flow Pressure: 20.00 PSI to 20.00 PSI
Final Shut-In Pressure: 1016.00 PSI
Final Hydrostatic Pressure: 1670.00 PSI
Temperature: 110 °F
Pressure vs. Time
Recovery
Gas Rates
Choke (inches)
Pressure (psi)
Gas Rate (Mcf/d)
Time (Hours)
Initial Flow
Initial Shut-In
Final Flow
Final Shut-In
Length (ft)
Description
Volume (bbl)
Rec
Rec Type
Gas %
Oil %
Water %
Mud %
0.01
100%
Mud
0%
0%
0%
100%
Trilobite Testing, Inc. Ref. No: 1
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