



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Berexco LLC
2020 N. Bramblewood
Wichita Ks, 67206
ATTN: Bryan Bynog

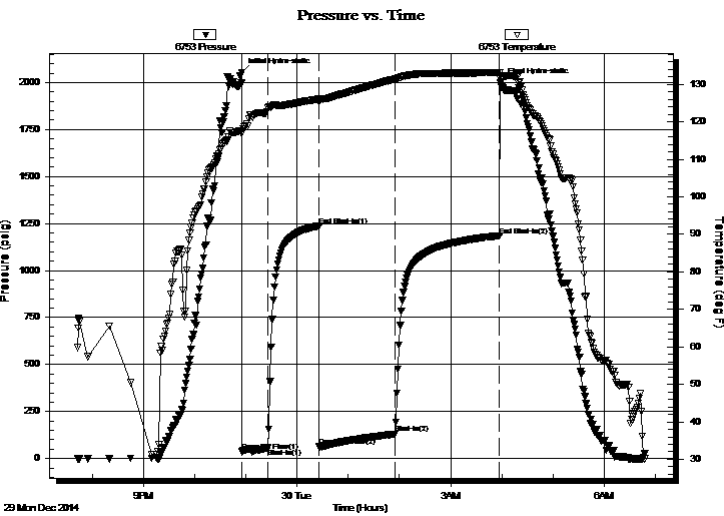
22 - 1S - 36w
Michael #9-22
Job Ticket: 61024 **DST#: 3**
Test Start: 2014.12.29 @ 19:43:00

GENERAL INFORMATION:

Formation: **Lans. - 'B'**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:55:15
Time Test Ended: 06:47:45
Interval: **4060.00 ft (KB) To 4140.00 ft (KB) (TVD)**
Total Depth: 4140.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Initial)
Tester: Royal Fisher
Unit No: #54
Reference Elevations: 3114.00 ft (KB)
3103.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 6753 Outside
Press@RunDepth: 131.81 psig @ 4061.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.12.29 End Date: 2014.12.30 Last Calib.: 2014.12.30
Start Time: 19:43:05 End Time: 06:47:45 Time On Btm: 2014.12.29 @ 22:55:00
Time Off Btm: 2014.12.30 @ 03:58:30

TEST COMMENT: 30 - IF - Surface blow built to 4 1/4"
60 - ISI - No Return
90 - FF - Surface blow built to 3"
120 - FSI - No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2053.80	117.55	Initial Hydro-static
1	38.74	116.80	Open To Flow (1)
32	57.03	123.89	Shut-In(1)
91	1237.56	126.05	End Shut-In(1)
92	63.12	125.40	Open To Flow (2)
181	131.81	131.42	Shut-In(2)
303	1182.69	133.17	End Shut-In(2)
304	1997.00	131.61	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	OSWM - 50M - 50W - Oil Spots	0.61
124.00	OSWM - 70M - 30W - Oil Spots	0.61

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



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FLUID SUMMARY

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Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1900.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
124.00	OSWM - 50M - 50W - Oil Spots	0.610
124.00	OSWM - 70M - 30W - Oil Spots	0.610

Total Length: 248.00 ft Total Volume: 1.220 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

