



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

White Exploration Inc.
1635 N Waterfront Pkw y
Suite 100
Wichita KS 67206
ATTN: Andy White

7-29-40 Stanton Co KS

Out Of Sight 1

Job Ticket: 64586

DST#: 1

Test Start: 2016.07.16 @ 05:56:15

GENERAL INFORMATION:

Formation: **Moeow Sand**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:19:30
 Time Test Ended: 16:43:15
 Interval: **5374.00 ft (KB) To 5450.00 ft (KB) (TVD)**
 Total Depth: 5450.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Mike Roberts
 Unit No: 81
 Reference Elevations: 3326.00 ft (KB)
 3316.00 ft (CF)
 KB to GR/CF: 10.00 ft

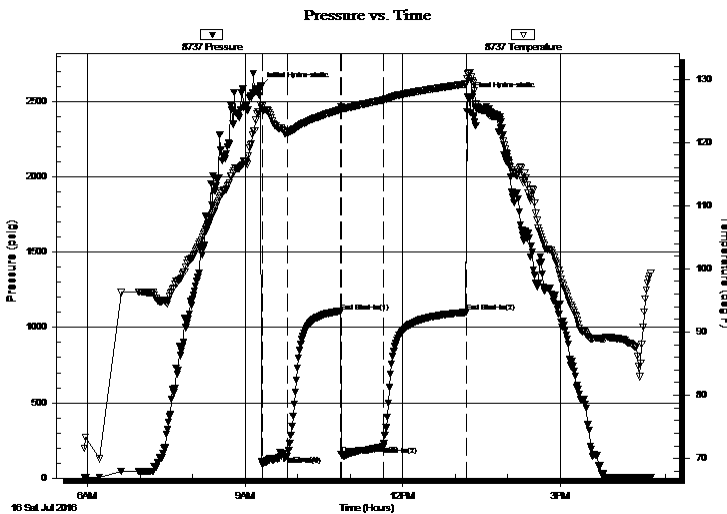
Serial #: 8737

Outside

Press @ Run Depth: 208.57 psig @ 5445.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2016.07.16 End Date: 2016.07.16 Last Calib.: 2016.07.16
 Start Time: 05:56:15 End Time: 16:43:15 Time On Btm: 2016.07.16 @ 09:17:45
 Time Off Btm: 2016.07.16 @ 13:14:00

TEST COMMENT: IF:BOB in 4 min.
 IS:No return blow
 FF:BOB instantly GTS in 3 min.
 FS:No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2599.95	126.03	Initial Hydro-static
2	90.78	125.73	Open To Flow (1)
31	145.18	121.57	Shut-In(1)
91	1102.92	125.14	End Shut-In(1)
92	155.38	125.47	Open To Flow (2)
140	208.57	126.71	Shut-In(2)
235	1100.39	129.23	End Shut-In(2)
237	2533.85	130.81	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
241.00	w cmgo 5% w 15%m 15%g 65%o	1.19
62.00	w comg 1%w 10%o 39%m 50%g	0.87
124.00	ocgm 5%o 20%g 75%m	1.74
50.00	ocgm 2%o 5%g 93%m	0.70
0.00	GIP= 4526	0.00

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: 31 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 0 ppm
Viscosity: 70.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.97 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 2000.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
241.00	w cmgo 5% w 15%m 15%g 65%o	1.185
62.00	w comg 1%w 10%o 39%m50%g	0.870
124.00	ocgm 5%o 20%g 75%m	1.739
50.00	ocgm 2%o 5%g 93%m	0.701
0.00	GIP= 4526	0.000

Total Length: 477.00 ft Total Volume: 4.495 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: API= 31 @60

