



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Quest Energy LLC
 2732 N Reese Rd
 Brookville KS 67425-9812
 ATTN: Ken Wallace

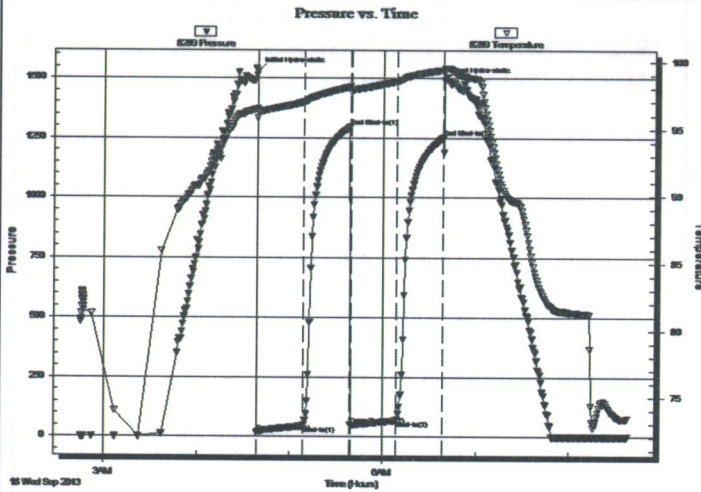
2 10s 16w Rooks,KS
Kruse Unit # 207
 Job Ticket: 50472 DST#: 2
 Test Start: 2013.09.18 @ 02:45:00

GENERAL INFORMATION:

Formation: **LKC C-D**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:39:00
 Time Test Ended: 08:38:00
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jim Svaty
 Unit No: 54
 Interval: **3116.00 ft (KB) To 3159.00 ft (KB) (TVD)**
 Total Depth: 3159.00 ft (KB) (TVD)
 Reference Elevations: 1959.00 ft (KB)
 1954.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 KB to GR/CF: 5.00 ft

Serial #: 8289 **Outside**
 Press@RunDepth: 67.98 psig @ 3123.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.09.18 End Date: 2013.09.18 Last Calib.: 2013.09.18
 Start Time: 02:45:02 End Time: 08:38:00 Time On Btm: 2013.09.18 @ 04:38:45
 Time Off Btm: 2013.09.18 @ 06:39:15

TEST COMMENT: 30-IFP- BOB in 28 min.
 30-ISIP- No Blow
 30-FFP- Surface Blow Building to 9 1/2"
 30-FSIP- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1529.55	96.53	Initial Hydro-static
1	17.81	95.80	Open To Flow (1)
30	44.38	97.01	Shut-In(1)
60	1295.28	98.14	End Shut-In(1)
61	47.21	97.75	Open To Flow (2)
90	67.98	98.56	Shut-In(2)
120	1252.10	99.41	End Shut-In(2)
121	1490.05	99.50	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	MCW 25% _m 75% _w Show of Oil	0.88
42.00	OWCM 10% _o 20% _w 70% _m	0.59
3.00	CO 100%	0.04
0.00	80 GIP	0.00

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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ATTN: Ken Wallace

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Kruse Unit # 207
Job Ticket: 50472 **DST#: 2**

Test Start: 2013.09.18 @ 02:45:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 29 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 38000 ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.57 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 4000.00 ppm		
Filter Cake: 2.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
63.00	MCW 25% _m 75% _w Show of Oil	0.884
42.00	OWCM 10% _o 20% _w 70% _m	0.589
3.00	CO 100%	0.042
0.00	80 GIP	0.000

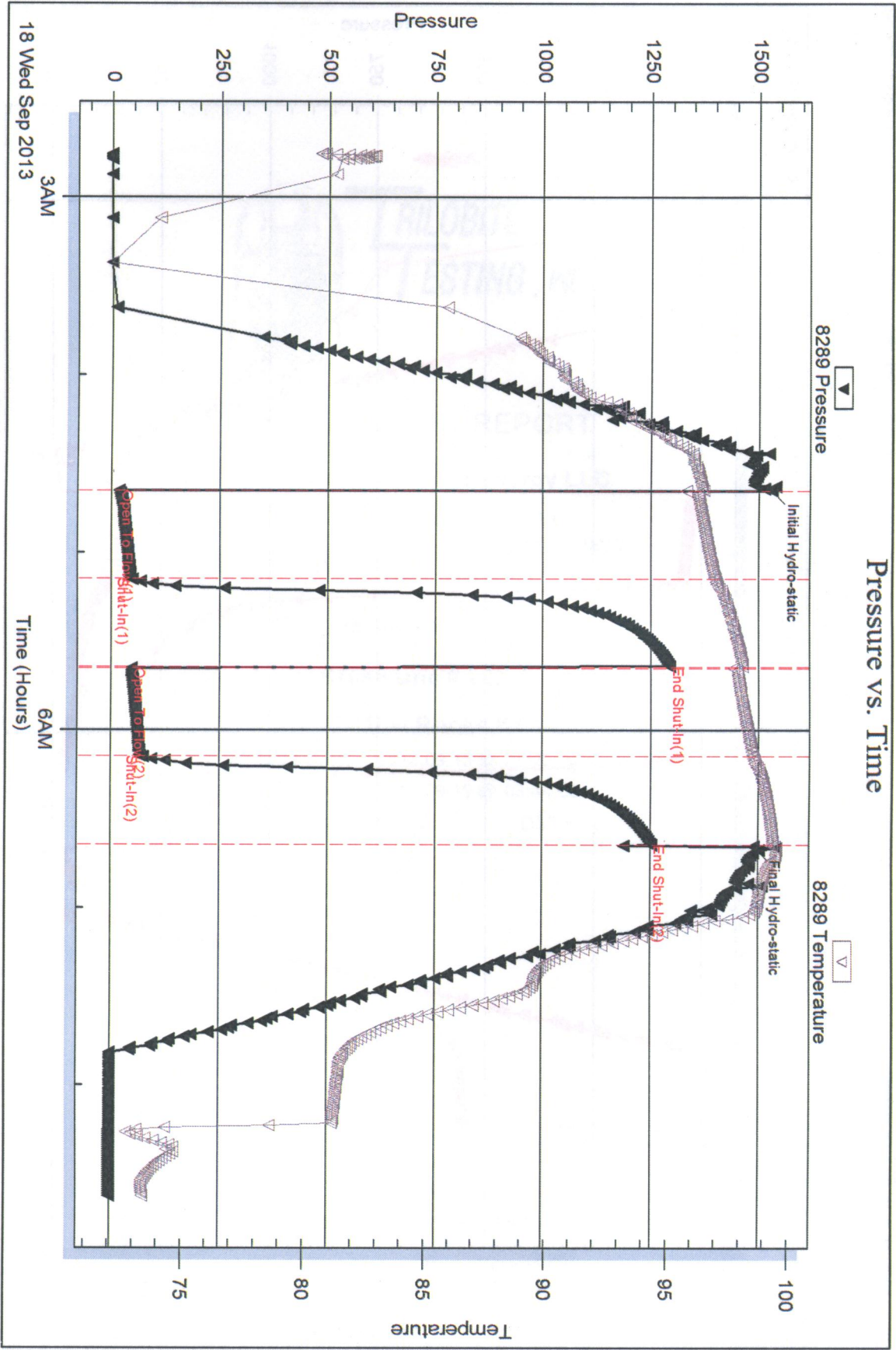
Total Length: 108.00 ft Total Volume: 1.515 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: .192 @ 70

Serial #: 8289

Outside Quest Energy LLC

Kruse Unit # 207

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 50472

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