DRILL STEM TEST REPORT

Brehm Asset Mannagement,LLC

11625 Custer Rd. Ste 110-363
Frisco, Tx 75053

ATTN: Dwight Brehm

23 19s 31w Scott Ks

Braeden #2

Job Ticket: 63473 **DST#: 2**

Test Start: 2016.12.04 @ 19:11:00

GENERAL INFORMATION:

Formation: **Cherokee Sand- St Lo**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 21:52:30
Time Test Ended: 04:24:30

Test Type: Conventional Bottom Hole (Reset)
Tester: Bradley Walter
Unit No: 78

Interval: 4582.00 ft (KB) To 4645.00 ft (KB) (TVD)
Total Depth: 4645.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

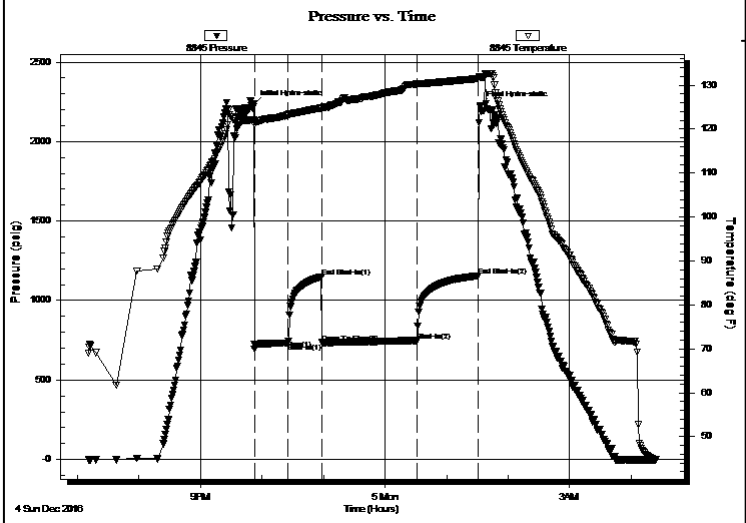
Reference Elevations: 2948.00 ft (KB)
2940.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8845 **Outside**

Press@RunDepth: 747.82 psig @ 4583.00 ft (KB)
Start Date: 2016.12.04 End Date: 2016.12.05
Start Time: 19:11:05 End Time: 04:24:30

Capacity: 8000.00 psig
Last Calib.: 2016.12.05
Time On Btm: 2016.12.04 @ 21:52:15
Time Off Btm: 2016.12.05 @ 01:32:30

TEST COMMENT: IF: 1 1/2" blow . Slid and took on mud prior to good packer seat.
ISI: No return.
FF: 3" blow .
FSI: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2235.00	122.15	Initial Hydro-static
1	692.31	121.06	Open To Flow (1)
33	732.16	123.21	Shut-In(1)
66	1149.95	124.83	End Shut-In(1)
67	734.41	124.72	Open To Flow (2)
159	747.82	130.25	Shut-In(2)
219	1155.53	131.52	End Shut-In(2)
221	2227.31	131.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	gsocm 10g 3o 87m	0.56
60.00	gm 5g 95m (oil spots)	0.84
1200.00	mud 100m	16.83

* Recovery from multiple tests

Gas Rates

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

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2940.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8365 **Inside**

Press@RunDepth: psig @ 4583.00 ft (KB)
Start Date: 2016.12.04 End Date: 2016.12.05
Start Time: 19:11:05 End Time: 04:24:30

Capacity: 8000.00 psig
Last Calib.: 2016.12.05
Time On Btm:
Time Off Btm:

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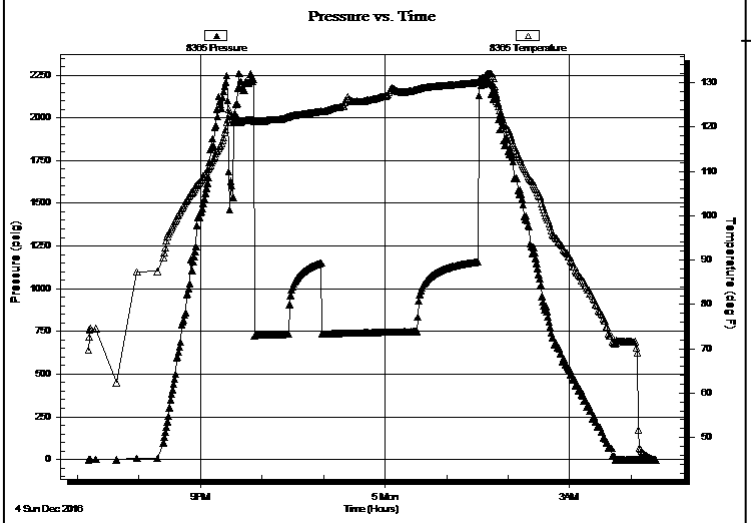


PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
60.00	gsocm 10g 3o 87m	0.56
60.00	gm 5g 95m (oil spots)	0.84
1200.00	mud 100m	16.83

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Brehm Asset Mannagement,LLC

11625 Custer Rd. Ste 110-363
Frisco, Tx 75053

ATTN: Dwight Brehm

23 19s 31w Scott Ks

Braeden #2

Job Ticket: 63473 **DST#: 2**

Test Start: 2016.12.04 @ 19:11:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	0 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	0 ppm
Viscosity:	60.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	9.99 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2000.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

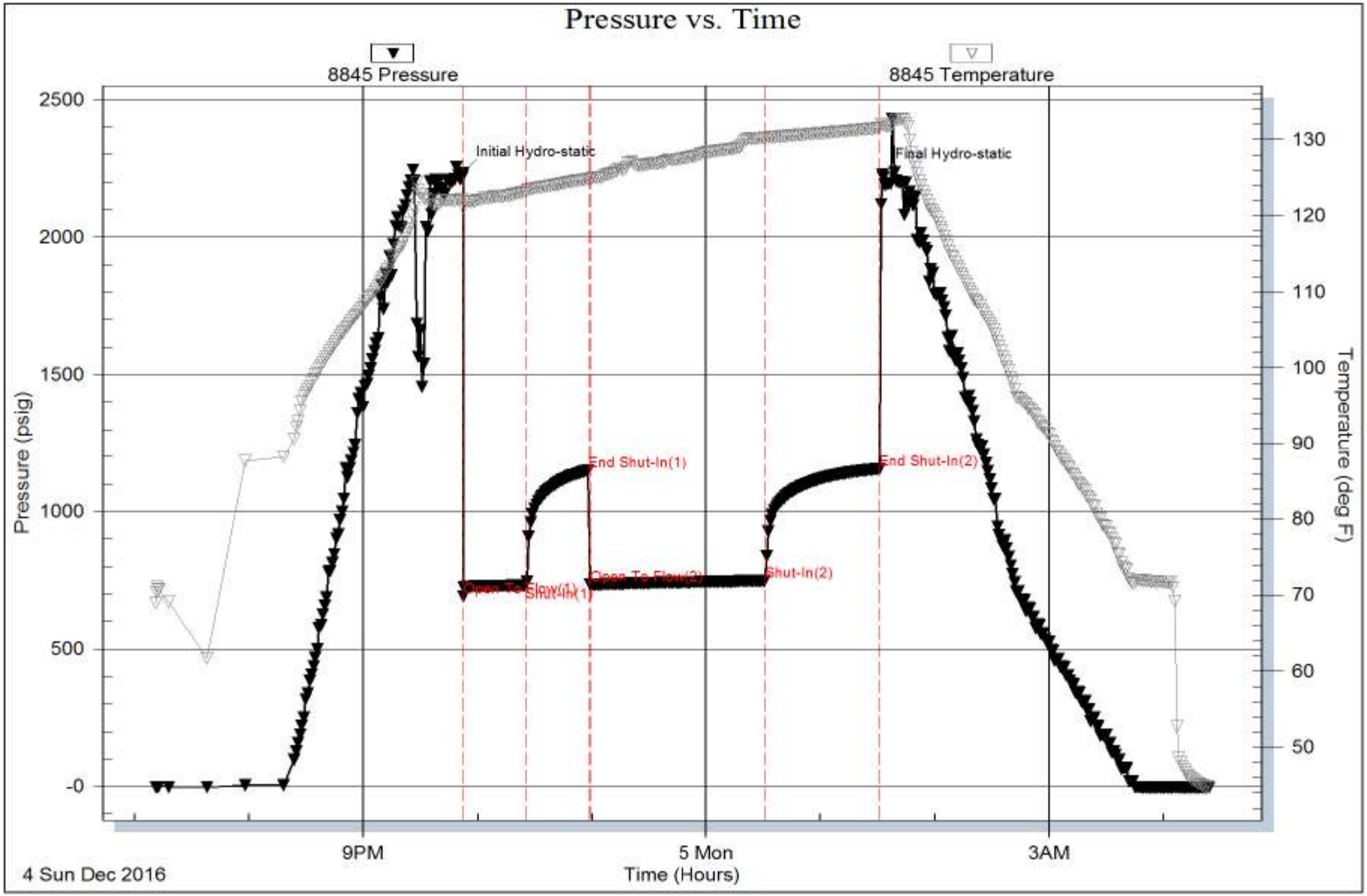
Recovery Table

Length ft	Description	Volume bbl
60.00	gsocm 10g 3o 87m	0.559
60.00	gm 5g 95m (oil spots)	0.842
1200.00	mud 100m	16.833

Total Length: 1320.00 ft Total Volume: 18.234 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 8845 **Outside** Brehm Asset Mannagement,LLC Braeden #2 DST Test Number: 2



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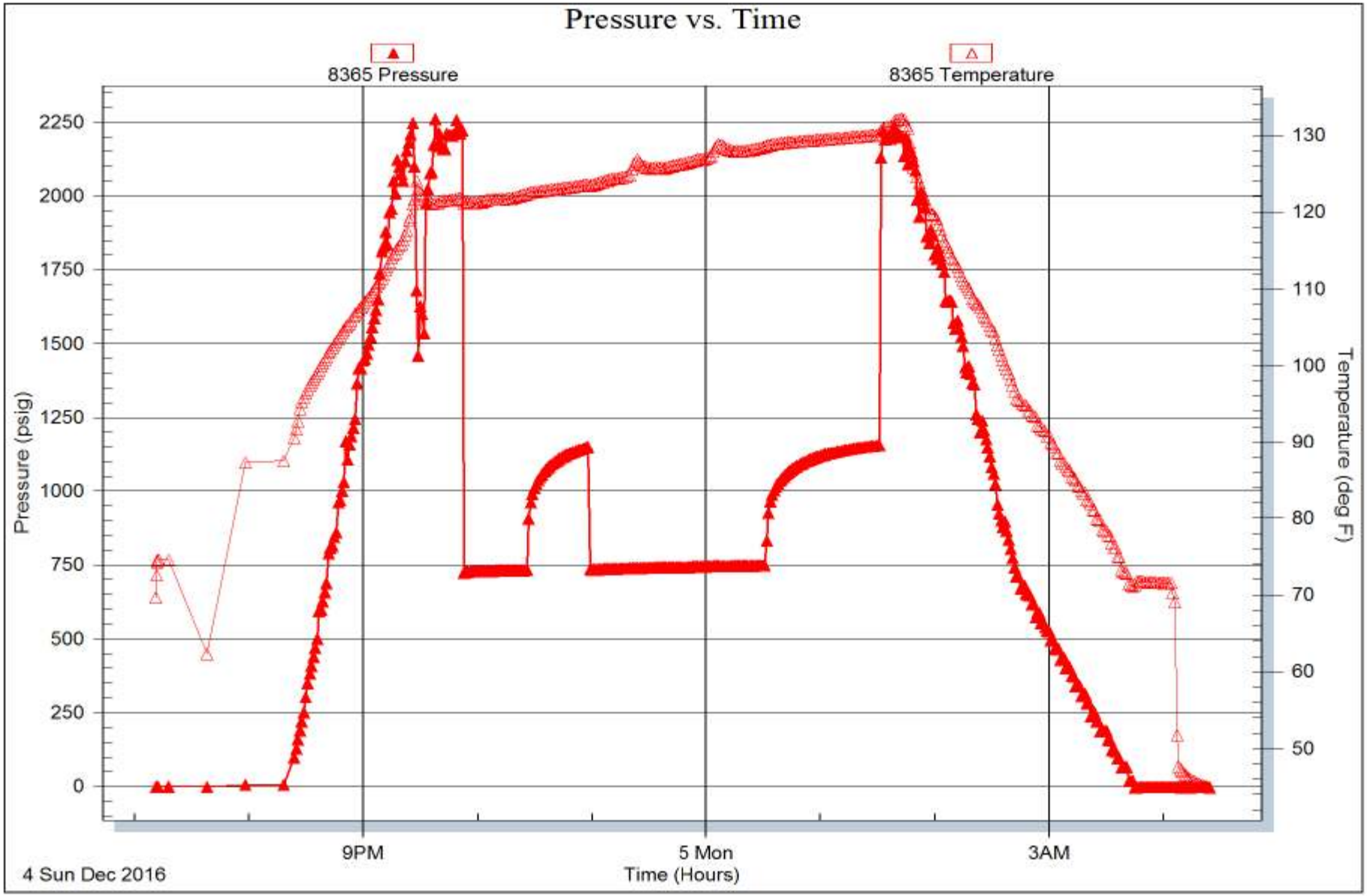
Serial #: 8365 **Inside** Brehm Asset Mannagement,LLC Braeden #2 DST Test Number: 2



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