



Weatherford[®]

Completion Systems

DRILL STEM TEST REPORT

Prepared For: **Lotus Operating LLC**

100 S.Main ,Ste.420
Wichita Ks.67202

ATTN: Tim Hellman

7-29s-14w Pratt Ks.

Bergnen#1

Start Date: 2011.06.17 @ 00:20:21

End Date: 2011.06.17 @ 08:42:36

Job Ticket #: 042504 DST #: 1

ALPINE OIL SERVICES CORPORATION
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DRILL STEM TEST REPORT

Lotus Operating LLC

Bergnen#1

100 S.Main ,Ste.420
Wichita Ks.67202

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ATTN: Tim Hellman

Job Ticket: 042504

DST#: 1

Test Start: 2011.06.17 @ 00:20:21

GENERAL INFORMATION:

Formation: **Hertha**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:32:06

Time Test Ended: 08:42:36

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 56

Interval: 4380.00 ft (KB) To 4400.00 ft (KB) (TVD)

Reference Elevations: 2030.00 ft (KB)

Total Depth: 4400.00 ft (KB) (TVD)

2021.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 9.00 ft

Serial #: 8167

Inside

Press@RunDepth: 20.63 psig @ 4381.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.06.17

End Date:

2011.06.17

Last Calib.: 2011.06.17

Start Time: 00:20:26

End Time:

08:42:35

Time On Btm: 2011.06.17 @ 02:31:06

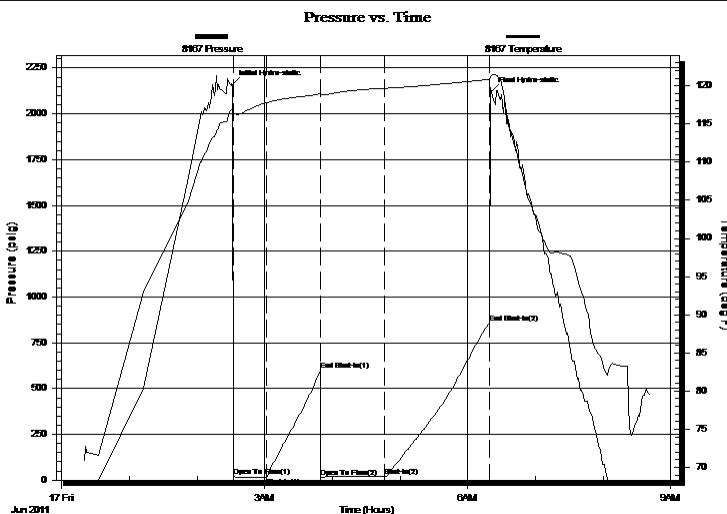
Time Off Btm: 2011.06.17 @ 06:20:51

TEST COMMENT: IF:Fair to strong blow . B.O.B. in 22 mins.

IS:No blow .

FF:Strong blow . B.O.B. in 1 - 2 secs.

FS:No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2157.50	116.83	Initial Hydro-static
1	18.43	116.30	Open To Flow (1)
31	17.47	117.78	Shut-In(1)
79	600.75	118.92	End Shut-In(1)
79	15.62	118.79	Open To Flow (2)
135	20.63	119.67	Shut-In(2)
229	859.65	120.84	End Shut-In(2)
230	2120.40	121.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	OCM 20%o 80%mlclean oil @top tool	0.21
0.00	1115 ft.of GIP	0.00

Gas Rates

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



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FLUID SUMMARY

Lotus Operating LLC

Bergnen#1

100 S.Main ,Ste.420
 Wichita Ks.67202

7-29s-14w Pratt Ks.

Job Ticket: 042504

DST#: 1

ATTN: Tim Hellman

Test Start: 2011.06.17 @ 00:20:21

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:

10000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 10000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	OCM 20%o 80%mlclean oil @top tool	0.210
0.00	1115 ft.of GIP	0.000

Total Length: 15.00 ft Total Volume: 0.210 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

