



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Suemaur Exploration & Production, LLC

20/6s/28w Sheridan, KS

539 Crancahua STE 1100
Corpus Christi, TX 78401

Lucky Sevens #1-20

Job Ticket: 63135

DST#: 1

ATTN: Bob Petersen

Test Start: 2017.06.09 @ 14:49:00

GENERAL INFORMATION:

Formation: **LKC "J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:51:15

Time Test Ended: 21:45:15

Test Type: Conventional Bottom Hole (Initial)

Tester: James Winder

Unit No: 83

Interval: 4038.00 ft (KB) To 4072.00 ft (KB) (TVD)

Reference Elevations: 2753.00 ft (KB)

Total Depth: 4072.00 ft (KB) (TVD)

2748.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6625 Inside

Press@RunDepth: 31.67 psig @ 4039.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.06.09

End Date:

2017.06.09

Last Calib.:

2017.06.09

Start Time:

14:49:05

End Time:

21:45:14

Time On Btm:

2017.06.09 @ 16:51:00

Time Off Btm:

2017.06.09 @ 19:54:30

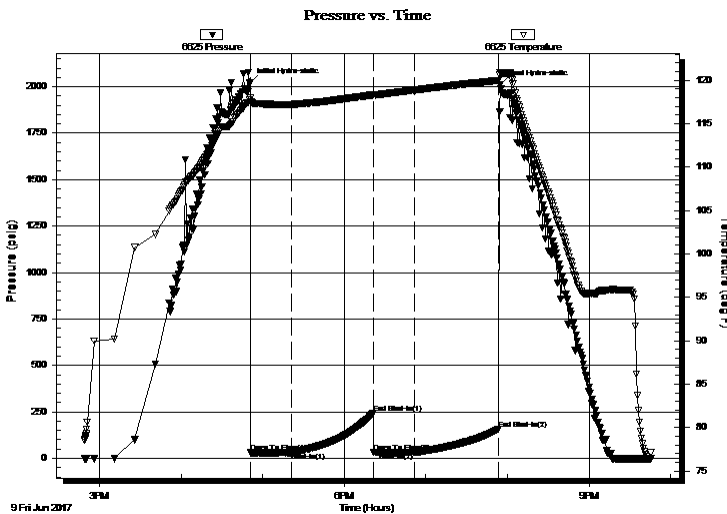
TEST COMMENT: 30 - IF: Weak surface blow, dead at 7 min.

60 - IS: No blow

30 - FF: No blow

60 - FS: No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2020.85	117.93	Initial Hydro-static
1	30.08	117.54	Open To Flow (1)
30	30.64	117.21	Shut-In(1)
91	242.15	118.31	End Shut-In(1)
91	31.75	118.31	Open To Flow (2)
121	31.67	118.87	Shut-In(2)
183	158.57	119.98	End Shut-In(2)
184	2011.52	120.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	Mud w /Oil spots 98%m, 2%o	0.22

Gas Rates

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



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Total Depth: 4072.00 ft (KB) (TVD)

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Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8017 Outside

Press@RunDepth: psig @ 4039.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.06.09

End Date:

2017.06.09

Last Calib.:

2017.06.09

Start Time: 14:49:05

End Time:

21:44:44

Time On Btm:

Time Off Btm:

TEST COMMENT: 30 - IF: Weak surface blow , dead at 7 min.

60 - IS: No blow

30 - FF: No blow

60 - FS: No blow

PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
45.00	Mud w /Oil spots 98%m, 2%o	0.22

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	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

FLUID SUMMARY

Suemaer Exploration & Production, LLC

20/6s/28w Sheridan, KS

539 Crancahua STE 1100
Corpus Christi, TX 78401

Lucky Sevens #1-20

Job Ticket: 63135

DST#: 1

ATTN: Bob Petersen

Test Start: 2017.06.09 @ 14:49:00

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: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.60 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	Mud w /Oil spots 98% _m , 2% _o	0.221

Total Length: 45.00 ft Total Volume: 0.221 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

