



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Suemaour Expl. & Prod. LLC.

17-2s-28w Decatur KS

555 N. Carancahua
STE 1230
Corpus Christi Tx 78401
ATTN: Bob Peterson

Meyers #1-17

Job Ticket: 65268

DST#: 4

Test Start: 2019.07.25 @ 10:00:00

GENERAL INFORMATION:

Formation: **LKC " J "**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:42:40
 Time Test Ended: 18:16:20
 Interval: **3800.00 ft (KB) To 3840.00 ft (KB) (TVD)**
 Total Depth: 3840.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Ryan Nichols
 Unit No: 71
 Reference Elevations: 2693.00 ft (KB)
 2688.00 ft (CF)
 KB to GR/CF: 5.00 ft

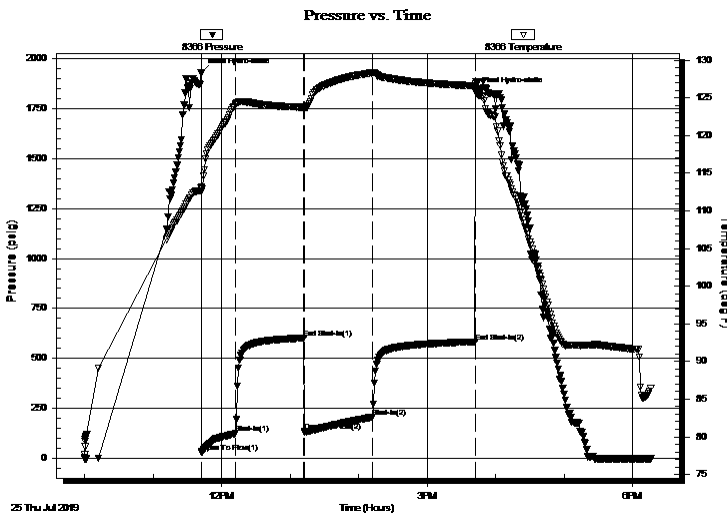
Serial #: 8366

Outside

Press@RunDepth: 206.80 psig @ 3801.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2019.07.25 End Date: 2019.07.25 Last Calib.: 2019.07.25
 Start Time: 10:00:01 End Time: 18:16:20 Time On Btm: 2019.07.25 @ 11:42:20
 Time Off Btm: 2019.07.25 @ 15:42:40

TEST COMMENT: 30 IF - Blow built to 8"
 60 ISI - Surface return started @ 6 mins died @ 20 mins
 60 FF - Blow built to 7" died back to 6 1/4"
 90 FSI - Surface return built to 1/2" died @ 40 mins

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1930.93	113.11	Initial Hydro-static
1	29.71	112.52	Open To Flow (1)
31	124.47	124.19	Shut-In(1)
90	601.48	123.77	End Shut-In(1)
91	133.42	123.54	Open To Flow (2)
151	206.80	128.35	Shut-In(2)
240	583.38	126.62	End Shut-In(2)
241	1833.32	126.88	Final Hydro-static

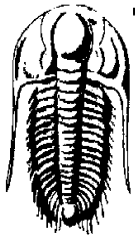
Recovery

Length (ft)	Description	Volume (bbl)
60.00	VSOMCW - 2%o - 30%M - 68%W	0.30
189.00	VSOMCW - 2%o - 5%W - 93%W	1.56
63.00	OMCW - 5%o - 30%M - 65%W	0.88
68.00	OWCM - 10%o - 45%W - 45%M	0.95
55.00	GO - 30%G - 70%o	0.77
0.00	150' GIP	0.00

Gas Rates

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

* Recovery from multiple tests



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Total Depth: 3840.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Reset)

Tester: Ryan Nichols

Unit No: 71

Reference Elevations: 2693.00 ft (KB)

2688.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8353 Inside

Press@RunDepth: psig @ 3801.00 ft (KB)

Start Date: 2019.07.25 End Date: 2019.07.25

Start Time: 10:00:01 End Time: 18:16:20

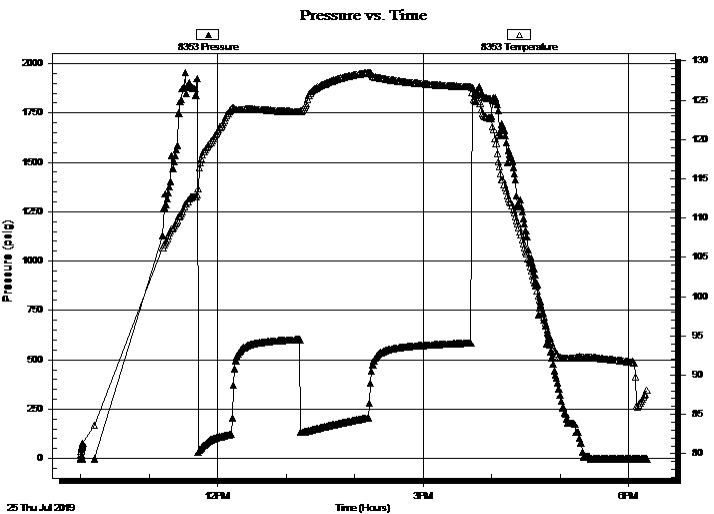
Capacity: 8000.00 psig

Last Calib.: 2019.07.25

Time On Btm:

Time Off Btm:

TEST COMMENT: 30 IF - Blow built to 8"
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PRESSURE SUMMARY

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

Recovery

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60.00	VSOMCW - 2%o - 30%M - 68%W	0.30
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63.00	OMCW - 5%o - 30%M - 65%W	0.88
68.00	OWCM - 10%o - 45%W - 45%M	0.95
55.00	GO - 30%G - 70%o	0.77
0.00	150' 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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Meyers #1-17

Job Ticket: 65268

DST#: 4

Test Start: 2019.07.25 @ 10:00:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

34 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.00 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1200.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	VSOMCW - 2%o - 30%M - 68%W	0.295
189.00	VSOMCW - 2%o - 5%W - 93%W	1.558
63.00	OMCW - 5%o - 30%M - 65%W	0.884
68.00	OWCM - 10%o - 45%W - 45%M	0.954
55.00	GO - 30%G - 70%o	0.772
0.00	150' GIP	0.000

Total Length: 435.00 ft Total Volume: 4.463 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: GRAVITY = 37 @ 90 DEG F = 34 COR 60 DEG F

RW = .286 @ 85 DEG F

CHLORIDES = 19,000 ppm

