

TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 45179

Well Name & No.	Dechant #2, walt	Test No.	1	Date	7-12-11
Company	Shields Drilling Company LLC	Elevation	372 3617	KB	7012 GL
Address	Shields Building Russell KS				
Co. Rep / Geo.	Herb Deines	Rig	shields #2		
Location: Sec.	5	Twp.	15S	Rge.	19W
		Co.	Ellis		State KS

Interval Tested	3532 - 3620	Zone Tested	Albion
Anchor Length	88' 50" Tail	Drill Pipe Run	3064'
Top Packer Depth	3527	Drill Collars Run	
Bottom Packer Depth	3532	Wt. Pipe Run	465'
Total Depth	36.0	Chlorides	4000 ppm System
		LCM	1/2 #

Blow Description IF - B.O.B. in 9 Min
ISI - No blow back
FF - B.O.B. in 19 Min
FST - No blow back

Rec	496	Feet of	GVSCM	5 %gas	5 %oil	10 %water	80 %mud
Rec	124	Feet of	60CMW	5 %gas	70 %oil	70 %water	5 %mud
Rec	62	Feet of	6MCMW	5 %gas	70 %oil	20 %water	5 %mud
Rec	6.2	Feet of	UM	%gas	%oil	10 %water	90 %mud
Rec	6.2	Feet of		%gas	%oil	%water	%mud

Rec Total 744' BHT 112° Gravity _____ API RW .23 @ 85 °F Chlorides 34000 ppm

(A) Initial Hydrostatic 1863
(B) First Initial Flow 57
(C) First Final Flow 258
(D) Initial Shut-In 1191
(E) Second Initial Flow 255
(F) Second Final Flow 372
(G) Final Shut-In 1192
(H) Final Hydrostatic 1796

Initial Open 30
Initial Shut-In 45
Final Flow 45
Final Shut-In 6

☒ Test
☐ Jars
☐ Safety Joint
☐ Circ Sub
☐ Hourly Standby
☒ Mileage 12X2
☐ Sampler
☒ Straddle
☐ Shale Packer
☒ Extra Packer
☒ Extra Recorder
☐ Day Standby
☐ Accessibility
Sub Total _____

T-On Location 101 am
T-Started 1:44 am
T-Open 4:12 am
T-Pulled 7:12 am
T-Out 10:04 am
Comments _____

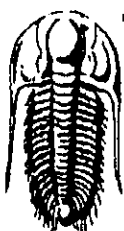
☐ Ruined Shale Packer
☐ Ruined Packer
☐ Extra Copies
Sub Total OCT 12 2011
Total
MP/DST Disc't KCC WICHITA

Approved By _____

Our Representative

Cody Bloodman

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Shields Drilling Company Inc

Shields building, Russell KS

ATTN: Herb Deines

Walt Dechant #2

5-15S-19W Ellis

Job Ticket: 45170

DST#: 1

Test Start: 2011.07.12 @ 01:44:00

GENERAL INFORMATION:

Formation: Arbuckle

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:11:30

Time Test Ended: 10:03:30

Test Type: Conventional Straddle

Tester: Cody Bloedorn

Unit No: 44

Interval: 3532.00 ft (KB) To 3620.00 ft (KB) (TVD)

Total Depth: 3620.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2017.00 ft (KB)

2012.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8737 Below (Straddle)

Press@RunDepth: 372.75 psig @ 3655.00 ft (KB)

Start Date: 2011.07.12

End Date:

2011.07.12

Start Time: 01:44:00

End Time:

10:03:30

Capacity: 8000.00 psig

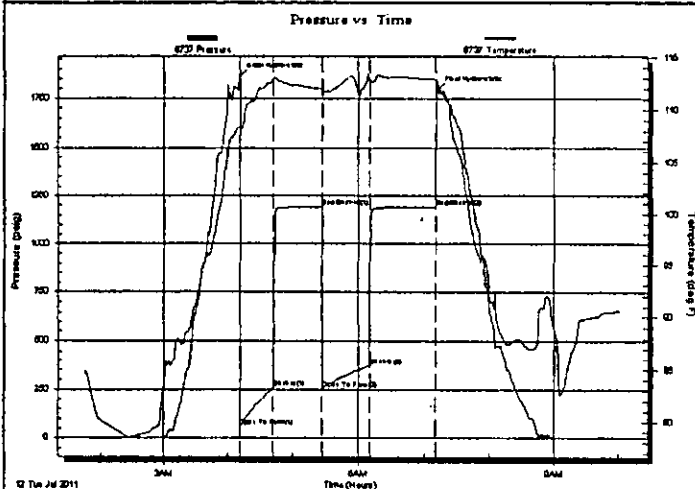
Last Calib.:

2011.07.12

Time On Btm: 2011.07.12 @ 04:11:00

Time Off Btm: 2011.07.12 @ 07:12:30

TEST COMMENT: 30 - IF- B.O.B. in 9 Min.
45 - IS- No blow back
45 - FF- B.O.B. in 19 Min.
60 - FS- No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1863.26	108.34	Initial Hydro-static
1	57.69	107.67	Open To Flow (1)
31	258.36	112.83	Shut-in (1)
76	1191.30	111.90	End Shut-in (1)
77	255.82	111.62	Open To Flow (2)
120	372.75	112.65	Shut-in (2)
180	1192.07	112.85	End Shut-in (2)
182	1796.52	112.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
496.00	GVSOCM 5%G, 5%O, 10%W, 80%M	3.85
124.00	GOCMV 5%G, 5%M, 20%O, 70%W	1.74
62.00	GMCWO 5%G, 5%M, 20%W, 70%O	0.87
62.00	WM 10%W, 90%M	0.87

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
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RECEIVED
OCT 12 2011
KCC WICHITA

