

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Maralex Resources**

755 Goddard
P.O. Box 338
Ignacio CO 81137

ATTN: John Randel

25 6s26w Sheridan KS

Slipke #25-1

Start Date: 2011.01.05 @ 18:55:00

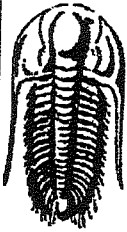
End Date: 2011.01.06 @ 02:37:30

Job Ticket #: 040032 DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Maralex Resources

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ATTN: John Randel

Slipke #25-1

25 6s26w Sheridan KS

Job Ticket: 040032 DST#: 1

Test Start: 2011.01.05 @ 18:55:00

GENERAL INFORMATION:

Formation: LKC-J
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 21:40:30
Time Test Ended: 02:37:30

Test Type: Conventional Bottom Hole
Tester: Chuck Kreutzer Jr.
Unit No: 36

Interval: 3840.00 ft (KB) To 3900.00 ft (KB) (TVD)
Total Depth: 3900.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2620.00 ft (KB)
2612.00 ft (CF)
KB to GR/CF: 8.00 ft

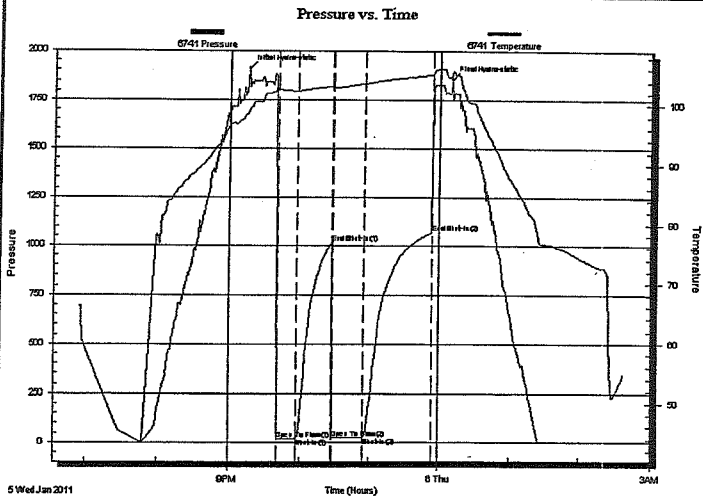
Serial #: 6741

Inside

Press@RunDepth: 27.62 psig @ 3845.60 ft (KB)
Start Date: 2011.01.05 End Date: 2011.01.06
Start Time: 18:55:01 End Time: 02:37:30

Capacity: 8000.00 psig
Last Calib.: 2011.01.06
Time On Btm: 2011.01.05 @ 21:15:30
Time Off Btm: 2011.01.06 @ 00:10:30

TEST COMMENT: IF: Weak blow, Died in 13 mins.
IS: No blow back over 30 mins.
FF: No blow over 30 mins.
FSI: No blow back over 60 mins.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1907.73	99.01	Initial Hydro-static
25	18.05	102.48	Open To Flow (1)
42	22.70	102.40	Shut-In(1)
72	1016.86	103.22	End Shut-In(1)
73	22.63	102.82	Open To Flow (2)
100	27.62	103.66	Shut-In(2)
158	1068.92	105.15	End Shut-In(2)
175	1852.84	105.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbt)
20.00	mud-100%	0.10

Gas Rates

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



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DRILL STEM TEST REPORT

TOOL DIAGRAM

Maralex Resources
755 Goddard
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ATTN: John Randel

Slipke #25-1
25 6s26w Sheridan KS
Job Ticket: 040032 DST#: 1
Test Start: 2011.01.05 @ 18:55:00

Tool Information

Drill Pipe:	Length: 3706.00 ft	Diameter: 3.80 inches	Volume: 51.99 bbl	Tool Weight: 2800.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 117.00 ft	Diameter: 2.25 inches	Volume: 0.58 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 52.57 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3840.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	60.47 ft			
Tool Length:	88.47 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3817.00	
Hydraulic tool	5.00			3822.00	
Jars	5.00			3827.00	
Safety Joint	3.00			3830.00	
Packer	5.00			3835.00	28.00 Bottom Of Top Packer
Packer	5.00			3840.00	
Stubb	1.00			3841.00	
Perforations	4.00			3845.00	
Change Over Sub	0.60			3845.60	
Recorder	0.00	6752	Inside	3845.60	
Recorder	0.00	6741	Inside	3845.60	
Blank Spacing	31.27			3876.87	
Change Over Sub	0.60			3877.47	
Perforations	20.00			3897.47	
Bullnose	3.00			3900.47	60.47 Bottom Packers & Anchor

Total Tool Length: 88.47



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FLUID SUMMARY

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Slipke #25-1

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ATTN: John Randel

25 6s26w Sheridan KS
Job Ticket: 040032 DST#: 1
Test Start: 2011.01.05 @ 18:55:00

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: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.19 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 900.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	mud-100%	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

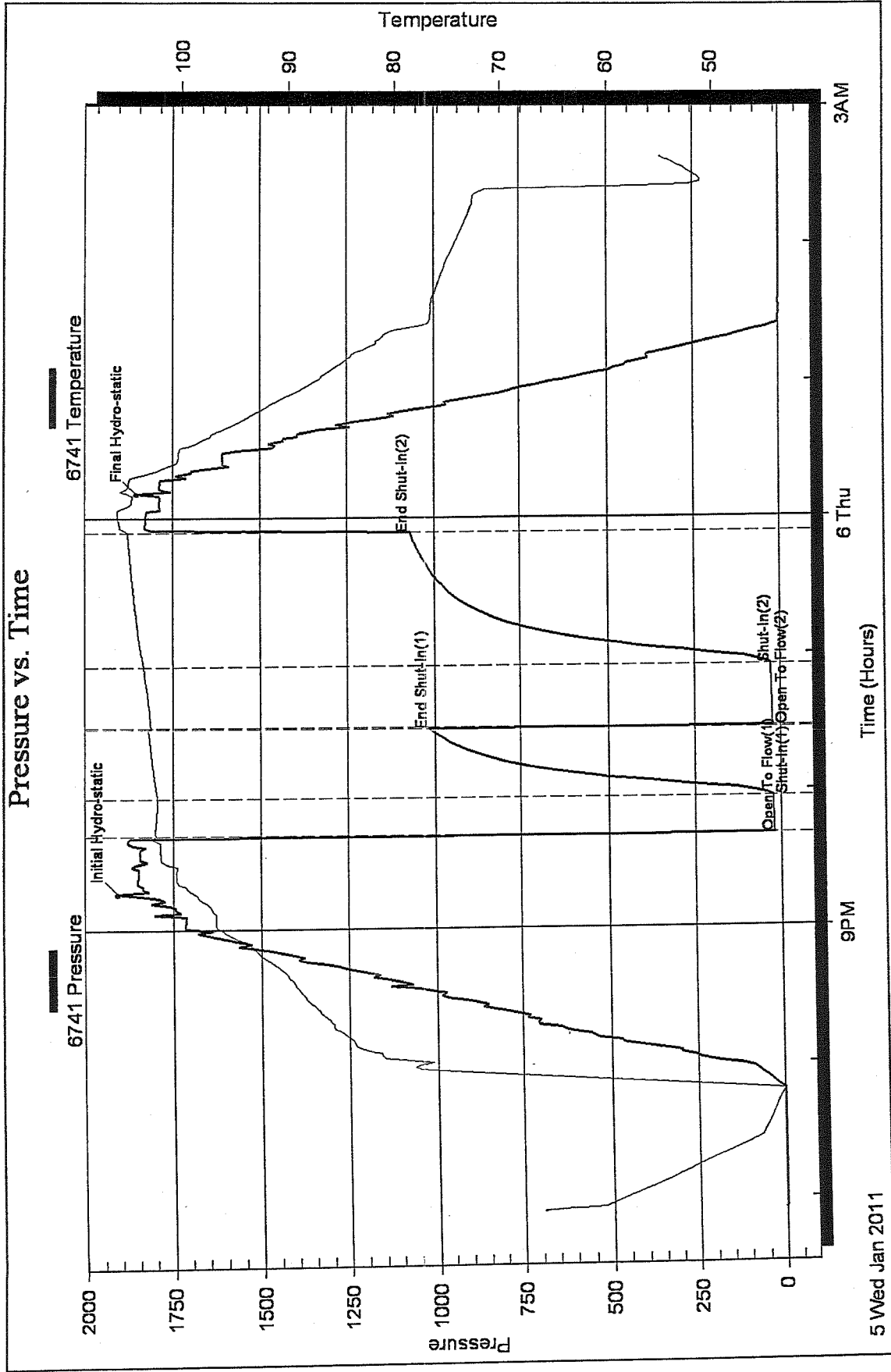
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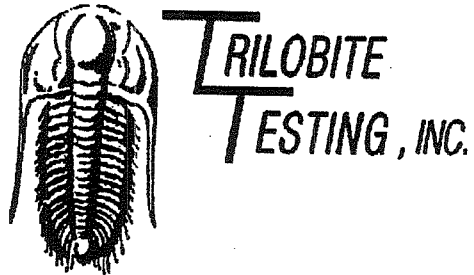
Inside

Maralex Resources

25 6s26w Sheridan KS

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Maralex Resources**

755 Goddard
P.O. Box 338
Ignacio CO 81137

ATTN: John Randel

25 6s26w Sheridan KS

Slipke #25-1

Start Date: 2011.01.06 @ 10:30:00

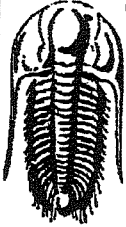
End Date: 2011.01.06 @ 17:27:30

Job Ticket #: 040033 DST #: 2

Trilobite Testing, Inc

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DRILL STEM TEST REPORT

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Slipke #25-1

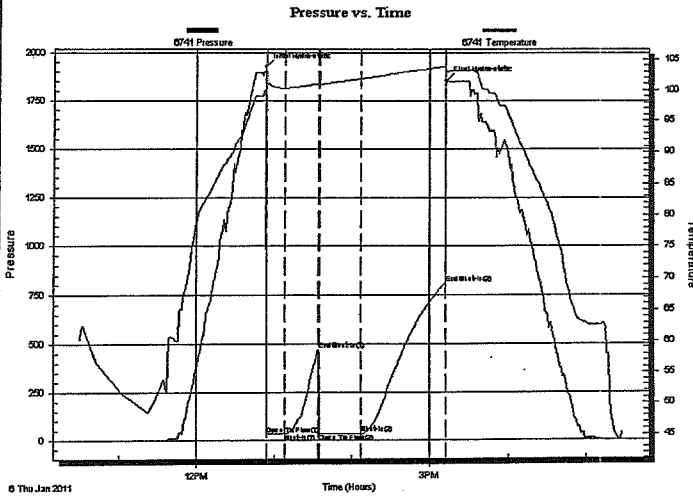
25 6s26w Sheridan KS
Job Ticket: 040033 DST#: 2
Test Start: 2011.01.06 @ 10:30:00

GENERAL INFORMATION:

Formation: **LKC-K**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:54:30
Time Test Ended: 17:27:30
Interval: **3900.00 ft (KB) To 3930.00 ft (KB) (TVD)**
Total Depth: **3930.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Chuck Kreutzer Jr.
Unit No: 36
Reference Elevations: 2620.00 ft (KB)
2612.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6741 Inside
Press@RunDepth: 34.53 psig @ 3902.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.01.06 End Date: 2011.01.06 Last Calib.: 2011.01.06
Start Time: 10:30:01 End Time: 17:27:30 Time On Btm: 2011.01.06 @ 12:54:00
Time Off Btm: 2011.01.06 @ 15:13:00

TEST COMMENT: IF: Weak blow built to 1/2 in. over 15 mins.
IS: No blow back over 30 mins.
FF: No blow over 30 mins.
FS: No blow back over 60 mins.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1927.87	100.04	Initial Hydro-static
1	32.71	100.42	Open To Flow (1)
15	33.52	100.33	Shut-In(1)
41	470.46	101.00	End Shut-In(1)
42	33.85	100.81	Open To Flow (2)
74	34.53	101.82	Shut-In(2)
138	809.96	103.73	End Shut-In(2)
139	1854.88	102.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	mud with oil specs	0.10

Gas Rates

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



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TOOL DIAGRAM

Maralex Resources

Slipke #25-1

755 Goddard
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ATTN: John Randel

25 6s26w Sheridan KS
Job Ticket: 040033 **DST#: 2**
Test Start: 2011.01.06 @ 10:30:00

Tool Information

Drill Pipe:	Length: 3761.00 ft	Diameter: 3.80 inches	Volume: 52.76 bbl	Tool Weight: 2800.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 44000.00 lb
Drill Collar:	Length: 117.00 ft	Diameter: 2.25 inches	Volume: 0.58 bbl	Weight to Pull Loose: 44000.00 lb
			<u>Total Volume: 53.34 bbl</u>	Tool Chased 8.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3900.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	58.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3877.00	
Hydraulic tool	5.00			3882.00	
Jars	5.00			3887.00	
Safety Joint	3.00			3890.00	
Packer	5.00			3895.00	28.00 Bottom Of Top Packer
Packer	5.00			3900.00	
Stubb	1.00			3901.00	
Perforations	1.00			3902.00	
Recorder	0.00	6752	Inside	3902.00	
Recorder	0.00	6741	Inside	3902.00	
Perforations	25.00			3927.00	
Bullnose	3.00			3930.00	30.00 Bottom Packers & Anchor

Total Tool Length: 58.00



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25 6s26w Sheridan KS
Job Ticket: 040033 DST#: 2
Test Start: 2011.01.06 @ 10:30:00

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: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.18 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 900.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	mud with oil specs	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Serial #: 6741

Inside

Maralex Resources

25 6s26w Sheridan KS

DST Test Number: 2

