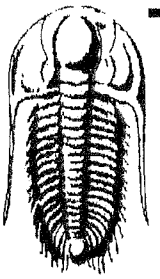
15-167-23474 21-14s-15w



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Prospect Oil**

PO Box 837
Russell KS 67665

ATTN: Brad Hutchinson

21-14 15 Russell KS

Hough-Mudd Unit #1

Start Date: 2007.11.26 @ 22:24:25
End Date: 2007.11.27 @ 05:28:19
Job Ticket #: 30413 DST #: 1

15-167-23474

SW SE SW SE
175 FSL 1910 FEL

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2007.11.29 @ 10:55:40 Page 1

Prospect Oil
Hough-Mudd Unit #1
21-14 15 Russell KS
DST # 1
LKC "B-D"
2007.11.26
21-14-15W

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Prospect Oil

PO Box 837
Russell KS 67665

ATTN: Brad Hutchinson

Hough-Mudd Unit #1

2114 15 Russell KS

Job Ticket: 30413 **DST#: 1**

Test Start: 2007.11.26 @ 22:24:25

GENERAL INFORMATION:

Formation: **LKC "B-D"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:33:20
Time Test Ended: 05:28:19

Test Type: Conventional Bottom Hole
Tester: Brian Fairbank
Unit No: 41

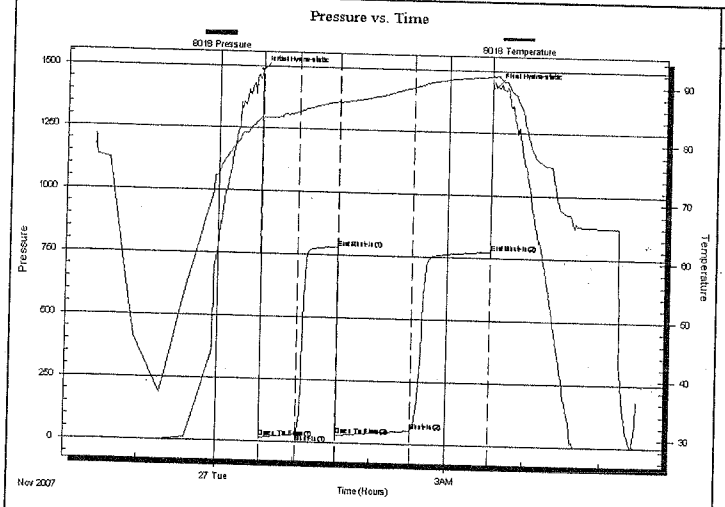
Interval: 3025.00 ft (KB) To 3070.00 ft (KB) (TVD)
Total Depth: 3070.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 1788.00 ft (KB)
1784.00 ft (CF)
KB to GR/CF: 4.00 ft

Serial #: 8018 **Inside**
Press@RunDepth: 53.26 psig @ 3030.01 ft (KB)
Start Date: 2007.11.26 End Date: 2007.11.27
Start Time: 22:24:25 End Time: 05:28:19

Capacity: 7000.00 psig
Last Calib.: 2007.11.27
Time On Btm: 2007.11.27 @ 00:32:20
Time Off Btm: 2007.11.27 @ 03:36:49

TEST COMMENT: IFP Weak blow throughout 1/2 " - 3 3/4 "
ISI No blow back 5 min. - sur blow - died 10 min.
FFP Weak to good blow 1/2 " - 4 1/2 "
FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1483.86	83.80	Initial Hydro-static
1	14.08	83.66	Open To Flow (1)
29	28.15	84.93	Shut-In(1)
61	778.65	86.81	End Shut-In(1)
61	30.55	86.65	Open To Flow (2)
120	53.26	89.49	Shut-In(2)
181	774.14	91.54	End Shut-In(2)
185	1435.82	91.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	MW 40%M 60%W	0.25
20.00	WM 90%M 10%W	0.10

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Prospect Oil

PO Box 837
Russell KS 67665

ATTN: Brad Hutchinson

Hough-Mudd Unit #1

2114 15 Russell KS

Job Ticket: 30413 **DST#: 1**

Test Start: 2007.11.26 @ 22:24:25

Tool Information

Drill Pipe:	Length:	2671.00 ft	Diameter:	3.80 inches	Volume:	37.47 bbl	
Heavy Wt. Pipe:	Length:	358.00 ft	Diameter:	2.25 inches	Volume:	1.76 bbl	
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
					Total Volume:	39.23 bbl	

Drill Pipe Above KB:	24.00 ft
Depth to Top Packer:	3025.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	45.02 ft
Tool Length:	65.02 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2500.00 lb
Weight set on Packer:	25000.00 lb
Weight to Pull Loose:	60000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	49000.00 lb
Final	50000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			3010.00		
Hydraulic tool	5.00			3015.00		
Packer	5.00			3020.00	20.00	Bottom Of Top Packer
Packer	5.00			3025.00		
Stubb	1.00			3026.00		
Perforations	3.00			3029.00		
Change Over Sub	1.00			3030.00		
Recorder	0.01	8018	Inside	3030.01		
Recorder	0.01	8366	Outside	3030.02		
Blank Spacing	31.00			3061.02		
Change Over Sub	1.00			3062.02		
Perforations	5.00			3067.02		
Bullnose	3.00			3070.02	45.02	Bottom Packers & Anchor
Total Tool Length:	**65.02**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil

PO Box 837
Russell KS 67665

ATTN: Brad Hutchinson

Hough-Mudd Unit #1

2114 15 Russell KS

Job Ticket: 30413 **DST#: 1**

Test Start: 2007.11.26 @ 22:24:25

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:	35000 ppm
Viscosity:	47.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.95 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4700.00 ppm				
Filter Cake:	inches				

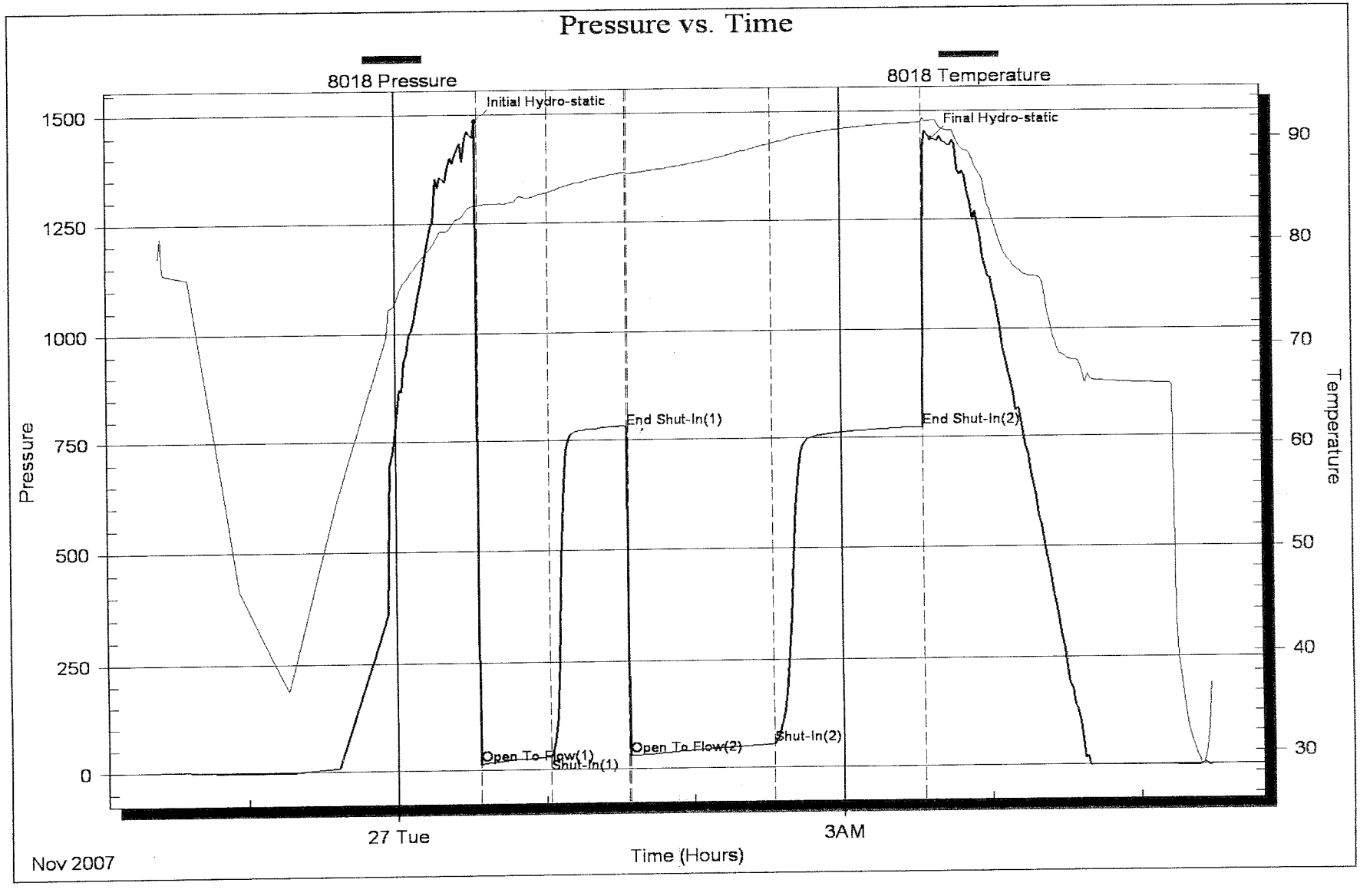
Recovery Information

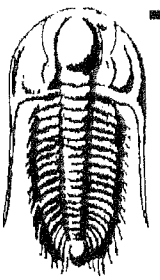
Recovery Table

Length ft	Description	Volume bbl
50.00	MW 40%M 60%W	0.246
20.00	WM 90%M 10%W	0.098

Total Length: 70.00 ft Total Volume: 0.344 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:


Pressure vs. Time
8018 Pressure
8018 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
1500
1250
1000
750
500
250
0
Pressure
90
80
70
60
50
40
30
Temperature
27 Tue
3AM
Nov 2007
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Prospect Oil**

PO Box 837
Russell KS 67665

ATTN: Brad Hutchinson

21-14 15 Russell KS

Hough-Mudd Unit #1

Start Date: 2007.11.27 @ 12:14:48
End Date: 2007.11.27 @ 18:43:12
Job Ticket #: 30414 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Prospect Oil
Hough-Mudd Unit #1
21-14-15W
2114 15 Russell KS
DST # 2
LKC "E-F"
2007.11.27

DRILL STEM TEST REPORT

Prospect Oil

PO Box 837
Russell KS 67665

ATTN: Brad Hutchinson

Hough-Mudd Unit #1

2114 15 Russell KS

Job Ticket: 30414 **DST#: 2**

Test Start: 2007.11.27 @ 12:14:48

GENERAL INFORMATION:

Formation: **LKC "E-F"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 13:59:43
Time Test Ended: 18:43:12

Test Type: Conventional Bottom Hole
Tester: Brian Fairbank
Unit No: 41

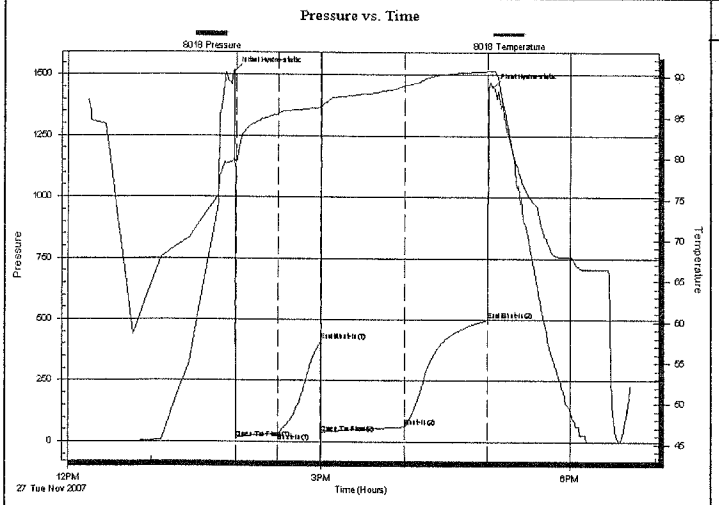
Interval: 3070.00 ft (KB) To 3100.00 ft (KB) (TVD)
Total Depth: 3100.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 1788.00 ft (KB)
1784.00 ft (CF)
KB to GR/CF: 4.00 ft

Serial #: 8018 **Inside**
Press@RunDepth: 60.96 psig @ 3072.01 ft (KB)
Start Date: 2007.11.27 End Date: 2007.11.27
Start Time: 12:14:48 End Time: 18:43:12

Capacity: 7000.00 psig
Last Calib.: 2007.11.27
Time On Btm: 2007.11.27 @ 13:58:43
Time Off Btm: 2007.11.27 @ 17:03:42

TEST COMMENT: IFP BOB 10 min.
ISI Intermittant sur blow back
FFP BOB 1 min.
FSI 1/4 " blow back - died to intermittant sur blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1513.86	79.97	Initial Hydro-static
1	12.89	79.54	Open To Flow (1)
31	33.51	85.49	Shut-In(1)
61	414.67	86.25	End Shut-In(1)
61	35.73	86.22	Open To Flow (2)
121	60.96	88.92	Shut-In(2)
181	498.83	90.70	End Shut-In(2)
185	1450.80	90.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	GWHOCM 45%G 45%O 3%W 7%M	0.15
90.00	GSOCM 20%G 15%O 65%M	0.44

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Prospect Oil

Hough-Mudd Unit #1

PO Box 837
Russell KS 67665

2114 15 Russell KS

Job Ticket: 30414 **DST#: 2**

ATTN: Brad Hutchinson

Test Start: 2007.11.27 @ 12:14:48

Tool Information

Drill Pipe:	Length:	2699.00 ft	Diameter:	3.80 inches	Volume:	37.86 bbl	
Heavy Wt. Pipe:	Length:	358.00 ft	Diameter:	2.25 inches	Volume:	1.76 bbl	
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
					Total Volume:	39.62 bbl	

Drill Pipe Above KB:	7.00 ft
Depth to Top Packer:	3070.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	30.02 ft
Tool Length:	50.02 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2500.00 lb
Weight set on Packer:	25000.00 lb
Weight to Pull Loose:	60000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	48000.00 lb
Final	49000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			3055.00		
Hydraulic tool	5.00			3060.00		
Packer	5.00			3065.00	20.00	Bottom Of Top Packer
Packer	5.00			3070.00		
Stubb	1.00			3071.00		
Perforations	1.00			3072.00		
Recorder	0.01	8018	Inside	3072.01		
Recorder	0.01	8366	Outside	3072.02		
Perforations	25.00			3097.02		
Bullnose	3.00			3100.02	30.02	Bottom Packers & Anchor
Total Tool Length:	**50.02**					

Prospect Oil

Hough-Mudd Unit #1

PO Box 837
Russell KS 67665

2114 15 Russell KS

Job Ticket: 30414 DST#: 2

ATTN: Brad Hutchinson

Test Start: 2007.11.27 @ 12:14:48

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:	58.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.75 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	5000.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

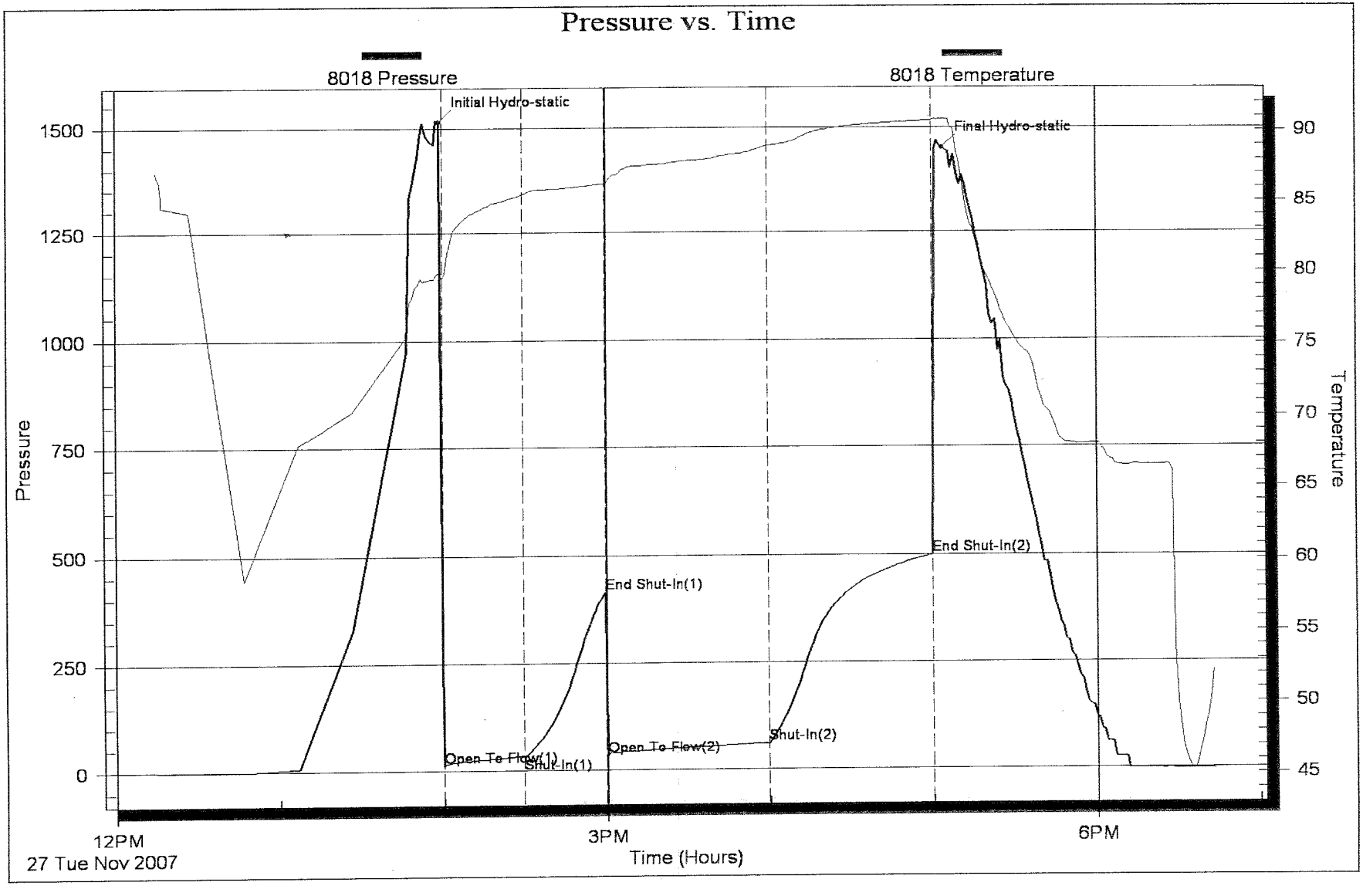
Length ft	Description	Volume bbl
30.00	GWHOCM 45%G 45%O 3%W 7%M	0.148
90.00	GSOCM 20%G 15%O 65%M	0.443

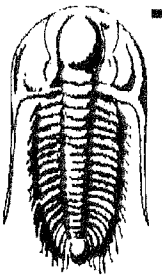
Total Length: 120.00 ft Total Volume: 0.591 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: GTS 78 min. - 500 '


Pressure vs. Time
8018 Pressure
8018 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure
Temperature
1500
1250
1000
750
500
250
0
90
85
80
75
70
65
60
55
50
45
12PM
27 Tue Nov 2007
3PM
6PM
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Prospect Oil**

PO Box 837
Russell KS 67665

ATTN: Brad Hutchinson

2144 15 Russell KS

Hough-Mudd Unit #1

Start Date: 2007.11.28 @ 09:09:48
End Date: 2007.11.28 @ 14:05:12
Job Ticket #: 30415 DST #: 3

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Prospect Oil
Hough-Mudd Unit #1
2144 15 Russell KS
DST # 3
LKC "I-J"
2007.11.28

DRILL STEM TEST REPORT

Prospect Oil

PO Box 837
Russell KS 67665

ATTN: Brad Hutchinson

Hough-Mudd Unit #1

2114 15 Russell KS

Job Ticket: 30415 **DST#: 3**

Test Start: 2007.11.28 @ 09:09:48

GENERAL INFORMATION:

Formation: **LKC "I-J"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 10:55:43
Time Test Ended: 14:05:12

Test Type: Conventional Bottom Hole
Tester: Brian Fairbank
Unit No: 41

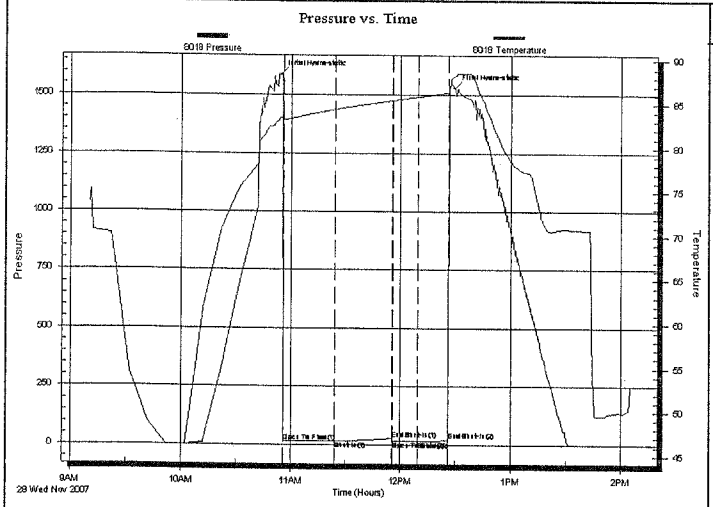
Interval: 3160.00 ft (KB) To 3210.00 ft (KB) (TVD)
Total Depth: 3210.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 1788.00 ft (KB)
1784.00 ft (CF)
KB to GR/CF: 4.00 ft

Serial #: 8018 **Inside**
Press@RunDepth: 15.55 psig @ 3165.01 ft (KB)
Start Date: 2007.11.28 End Date: 2007.11.28
Start Time: 09:09:48 End Time: 14:05:12

Capacity: 7000.00 psig
Last Calib.: 2007.11.28
Time On Btm: 2007.11.28 @ 10:54:13
Time Off Btm: 2007.11.28 @ 12:29:13

TEST COMMENT: IFP 1/2 " blow - died 19 min.
ISI No blow back
FFP No blow
FSI No blow back Time 30 30 15 15



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1586.77	83.48	Initial Hydro-static
2	14.46	83.27	Open To Flow (1)
30	15.31	84.43	Shut-In(1)
61	26.02	85.44	End Shut-In(1)
62	15.09	85.45	Open To Flow (2)
76	15.55	85.86	Shut-In(2)
92	19.81	86.33	End Shut-In(2)
95	1531.04	88.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	VSOCM 5%O 95%M	0.00

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Prospect Oil

PO Box 837
Russell KS 67665

ATTN: Brad Hutchinson

Hough-Mudd Unit #1

2114 15 Russell KS

Job Ticket: 30415 **DST#: 3**

Test Start: 2007.11.28 @ 09:09:48

Tool Information

Drill Pipe:	Length:	2793.00 ft	Diameter:	3.80 inches	Volume:	39.18 bbl	
Heavy Wt. Pipe:	Length:	358.00 ft	Diameter:	2.25 inches	Volume:	1.76 bbl	
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
					Total Volume:	40.94 bbl	

Drill Pipe Above KB:	11.00 ft
Depth to Top Packer:	3160.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	50.02 ft
Tool Length:	70.02 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2500.00 lb
Weight set on Packer:	25000.00 lb
Weight to Pull Loose:	60000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	49000.00 lb
Final	49000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			3145.00		
Hydraulic tool	5.00			3150.00		
Packer	5.00			3155.00	20.00	Bottom Of Top Packer
Packer	5.00			3160.00		
Stubb	1.00			3161.00		
Perforations	3.00			3164.00		
Change Over Sub	1.00			3165.00		
Recorder	0.01	8018	Inside	3165.01		
Recorder	0.01	8366	Outside	3165.02		
Blank Spacing	31.00			3196.02		
Change Over Sub	1.00			3197.02		
Perforations	10.00			3207.02		
Bullnose	3.00			3210.02	50.02	Bottom Packers & Anchor
Total Tool Length:	**70.02**					

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil

PO Box 837
Russell KS 67665

ATTN: Brad Hutchinson

Hough-Mudd Unit #1

2114 15 Russell KS

Job Ticket: 30415 **DST#: 3**

Test Start: 2007.11.28 @ 09:09:48

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:	55.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.94 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	5000.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

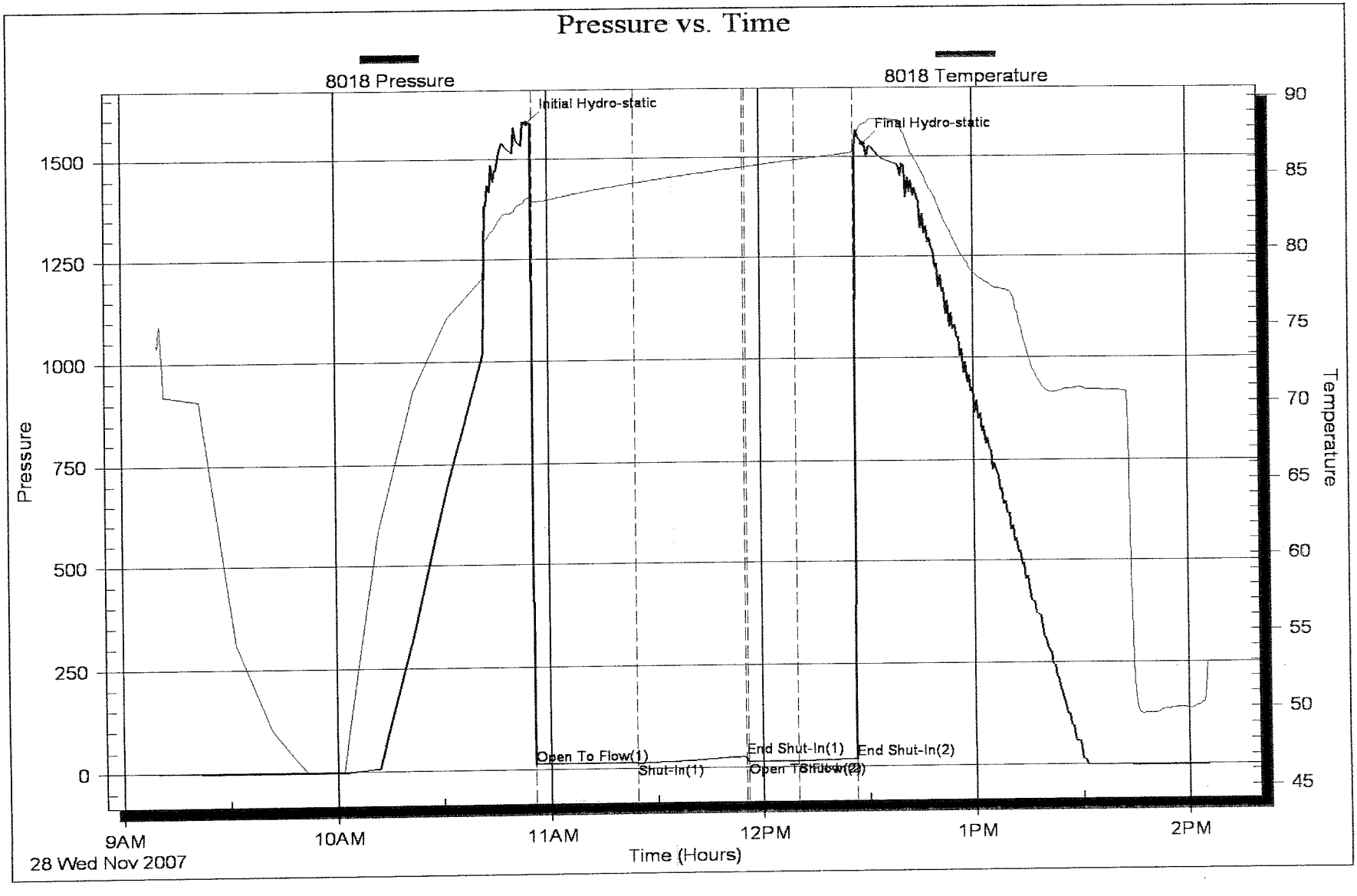
Length ft	Description	Volume bbl
1.00	VSOCM 5%O 95%M	0.005

Total Length: 1.00 ft Total Volume: 0.005 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
8018 Pressure
8018 Temperature
Initial Hydro-static
Final Hydro-static
Open To Flow(1)
Shut-In(1)
End Shut-In(1)
Open To Flow(2)
End Shut-In(2)
Pressure
Temperature
1500
1250
1000
750
500
250
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90
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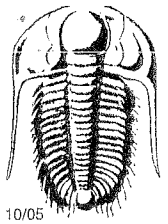
28 Wed Nov 2007
Time (Hours)



10/05

TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

30413

RECEIVED
NOV 28 2007

BY: _____

Test Ticket

Well Name & No. Haugh-Mudd Unit #1 Test No. 1 Date 11-26-07

Company Prospect Oil Zone Tested LKC "B-D"

Address PO Box 837 Russell, Ks 67665 Elevation 1758 KB 1764 GL

Co. Rep / Geo. Brad Hutchinson Rig Shields

Location: Sec. 21 Twp. 14 S Rge. 15 W Co. Russell State Ks

Comment: _____ Release date / time: _____

Interval Tested 3025-3070 Initial Str Wt./Lbs. 49,000 Unseated Str Wt/Lbs. 50,000

Anchor Length 45 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 60,000

Top Packer Depth 3020 Tool Weight 2500

Bottom Packer Depth 3025 Hole Size 7 7/8" — Rubber Size 6 3/4" —

Total Depth 3070 Wt. Pipe Run 358 Drill Collar Run —

Mud Wt. 8.8 LCM _____ Vis. 47 WL 8.0 Drill Pipe Size 4½ XH Ft. Run 2671

Blow Description IFP- Weak blow throughout ½-3¾

ISI- no blow back 5 min- Sur blow- died 10 min

FFP- Weak to Good blow ½-4½

FSI- no blow back

Recovery - Total Feet 70 GIP — Ft. in DC — Ft. in DP 70

Rec. 20 Feet of WM %gas %oil 10 %water 90 %mud

Rec. 50 Feet of MW %gas %oil 60 %water 40 %mud

Rec. _____ Feet of _____ %gas %oil %water %mud

Rec. _____ Feet of _____ %gas %oil %water %mud

Rec. _____ Feet of _____ %gas %oil %water %mud

BHT 92 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API

RW .603 @ 23 °F Chlorides 35000 ppm Recovery _____ Chlorides 4700 ppm System

	AK-1	Alpine				
(A) Initial Hydrostatic Mud		1484 PSI	Recorder No.	8018	Test ✓	
(B) First Initial Flow Pressure		14 PSI	(depth)	3030	Jars	
(C) First Final Flow Pressure		28 PSI	Recorder No.	8366	Safety Jt.	
(D) Initial Shut-In Pressure		779 PSI	(depth)	3030	Circ Sub	
(E) Second Initial Flow Pressure		31 PSI	Recorder No.		Sampler	
(F) Second Final Flow Pressure		53 PSI	(depth)		Straddle	
(G) Final Shut-In Pressure		774 PSI	**Initial Opening**	30	Ext. Packer	
(Q) Final Hydrostatic Mud		1436 PSI	Initial Shut-In	30	Shale Packer	
			Final Flow	60	Ruined Packer	
			Final Shut-In	60	Mileage ✓ RT	
			T-On Location	2049	Sub Total:	46
			T-Started	2221	Std. By	
			T-Open	0033	Acc. Chg:	
			T-Pulled	0333	Other:	
			T-Out	0527	Total:	

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Approved By _____

Our Representative Brian Fairbank (Hb)

TRILOBITE TESTING INC.
P.O. Box 362 • Hays, Kansas 67601

10/05

RECEIVED
NOV 28 2007
BY:

Test Ticket

Well Name & No. Haugh-Mudd Unit #1 Test No. 2 Date 11-27-07
Company Prospect Oil Zone Tested LKC "E-F"
Address Elevation 1789 KB 1784 GL
Co. Rep / Geo. Brad Hutchinson Rig Shields
Location: Sec. 21 Twp. 14 Rge. 15W Co. Russell State Ks
Comment: Release date / time:

Interval Tested 3070 - 3100 Initial Str Wt./Lbs. 48,000 Unseated Str Wt/Lbs. 49,000
Anchor Length 30 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 60,000
Top Packer Depth 3065 Tool Weight 2500
Bottom Packer Depth 3070 Hole Size 7 7/8" — Rubber Size 6 3/4" —
Total Depth 3100 Wt. Pipe Run 358 Drill Collar Run —
Mud Wt. 9.0 LCM — Vis. 58 WL 8.8 Drill Pipe Size 4½XH Ft. Run 2699
Blow Description IFP - BOB 10 min
ISI - intermittent surf blow back
FFP - BOB 1 min GTS 48 min
FSI - ¼" blow back - died to intermittent surf blow back

Recovery - Total Feet 120 GIP GTS / 500' Ft. in DC — Ft. in DP 120
Rec. 90 Feet of GOCM 20 %gas 15 %oil %water 65 %mud
Rec. 30 Feet of GHOCM 45 %gas 45 %oil 3 %water 7 %mud
Rec. Feet of TR H2O %gas %oil %water %mud
Rec. Feet of %gas %oil %water %mud
Rec. Feet of %gas %oil %water %mud

BHT 91 °F Gravity °API D @ °F Corrected Gravity °API
RW @ °F Chlorides ppm Recovery Chlorides 5000 ppm System

	AK-1 Alpine				
(A) Initital Hydrostatic Mud	1514 PSI	Recorder No.	8018	Test ✓	
(B) First Initial Flow Pressure	13 PSI	(depth)	3072	Jars	
(C) First Final Flow Pressure	34 PSI	Recorder No.	8366	Safety Jt.	
(D) Initial Shut-In Pressure	415 PSI	(depth)	3072	Circ Sub	
(E) Second Initial Flow Pressure	36 PSI	Recorder No.		Sampler	
(F) Second Final Flow Pressure	61 PSI	(depth)		Straddle	
(G) Final Shut-In Pressure	499 PSI	**Initial Opening**	30	Ext. Packer	
(Q) Final Hydrostatic Mud	1451 PSI	Initial Shut-In	30	Shale Packer	
		Final Flow	60	Ruined Packer	
		Final Shut-In	60	Mileage ✓	
		T-On Location	1156	Sub Total:	
		T-Started	1214	Std. By	
		T-Open	1359	Acc. Chg:	
		T-Pulled	1659	Other:	
		T-Out	1842	Total:	

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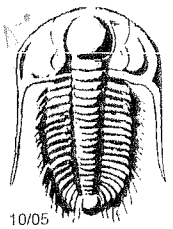
Approved By

Our Representative Brian Fairbank (Thanks)



10/05

TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

RECEIVED
NOV 29 2007
BY:

Test Ticket

Well Name & No. Haugh-Mudd Unit #1 Test No. 3 Date 11-28-07

Company Prospect Oil Zone Tested LKC "I-J"

Address Elevation 1789 KB 1784 GL

Co. Rep / Geo. Brad Hutchinson Rig Shields

Location: Sec. 21 Twp. 14S Rge. 15W Co. Russell State Ks

Comment: Release date / time:

Interval Tested 3160 - 3210 Initial Str Wt./Lbs. 49,000 Unseated Str Wt/Lbs. 49,000

Anchor Length 50 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 60,000

Top Packer Depth 3155 Tool Weight 2500

Bottom Packer Depth 3160 Hole Size 7 7/8" — Rubber Size 6 3/4" —

Total Depth 3210 Wt. Pipe Run 358 Drill Collar Run —

Mud Wt. 9.1 LCM — Vis. 55 WL 8.0 Drill Pipe Size 4½ XH Ft. Run 2793

Blow Description IFP- ½ blow - died 19 min
ISI- no blow back
FFP- no blow
FSI- no blow back

Recovery - Total Feet 1 GIP — Ft. in DC — Ft. in DP 1

Rec. 1	Feet of VSOCM	%gas	5 %oil	%water	95 %mud
Rec.	Feet of	%gas	%oil	%water	%mud
Rec.	Feet of	%gas	%oil	%water	%mud
Rec.	Feet of	%gas	%oil	%water	%mud
Rec.	Feet of	%gas	%oil	%water	%mud

BHT 86 °F Gravity °API D @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides 5000 ppm System

	AK-1	Alpine
(A) Initial Hydrostatic Mud		1587 PSI
(B) First Initial Flow Pressure		14 PSI
(C) First Final Flow Pressure		15 PSI
(D) Initial Shut-In Pressure		26 PSI
(E) Second Initial Flow Pressure		15 PSI
(F) Second Final Flow Pressure		16 PSI
(G) Final Shut-In Pressure		20 PSI
(Q) Final Hydrostatic Mud		1531 PSI

Recorder No.	8018
(depth)	3165
Recorder No.	8366
(depth)	3165
Recorder No.	
(depth)	
Initial Opening	30
Initial Shut-In	30
Final Flow	15
Final Shut-In	15
T-On Location	0828
T-Started	0909
T-Open	1054
T-Pulled	1224
T-Out	1404

Test	✓
Jars	
Safety Jt.	
Circ Sub	
Sampler	
Straddle	
Ext. Packer	
Shale Packer	
Ruined Packer	
Mileage	✓
Sub Total:	
Std. By	
Acc. Chg:	
Other:	
Total:	

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Approved By

Our Representative Brian Fairbank (Hub)