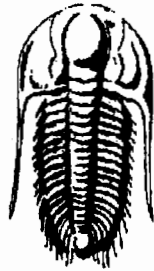


15-051-25378

31-12s-17w



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Prospect Oil & Gas Inc**

P O Box 837
Russell Ks 67665

ATTN: Brad Huchison

31-12-17-Ellis-Ks

Karlin #1

Start Date: 2004.12.27 @ 14:35:38

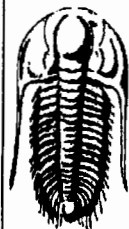
End Date: 2004.12.27 @ 19:52:08

Job Ticket #: 21162 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Prospect Oil & Gas Inc

Karlin #1

P O Box 837
Russell Ks 67665

31-12-17-Ellis-Ks

Job Ticket: 21162 **DST#: 1**

ATTN: Brad Huchison

Test Start: 2004.12.27 @ 14:35:38

GENERAL INFORMATION:

Formation: C-D LKC

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:21:08

Time Test Ended: 19:52:08

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 21

Interval: 3370.00 ft (KB) To 3410.00 ft (KB) (TVD)

Total Depth: 3410.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2076.00 ft (KB)

2071.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6799

Inside

Press@RunDepth: 33.72 psig @ 3371.00 ft (KB)

Start Date: 2004.12.27

End Date:

2004.12.27

Start Time: 14:35:39

End Time:

19:52:08

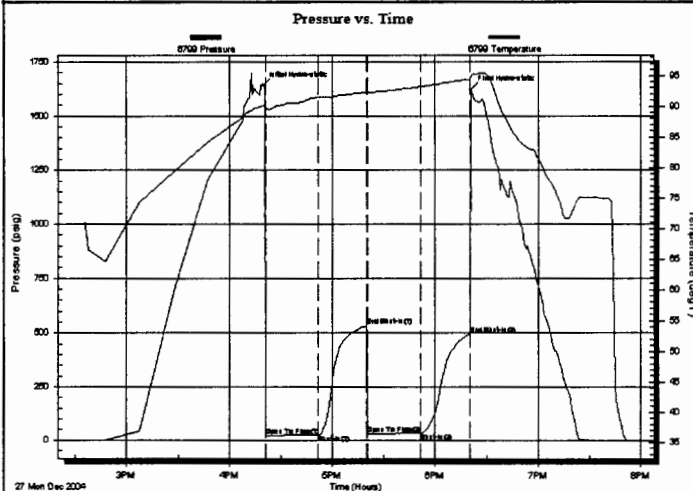
Capacity: 7000.00 psig

Last Calib.: 2004.12.27

Time On Btm: 2004.12.27 @ 16:19:38

Time Off Btm: 2004.12.27 @ 18:20:38

TEST COMMENT: IF-Weak steady 1/8" blow
FF-Weak steady 1/8" blow
Times-30-30-30-30



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1640.66	90.07	Initial Hydro-static
2	20.09	89.65	Open To Flow (1)
32	25.98	91.46	Shut-In (1)
60	532.76	92.27	End Shut-In (1)
61	28.37	92.24	Open To Flow (2)
92	33.72	93.17	Shut-In (2)
121	494.25	94.40	End Shut-In (2)
121	1621.05	94.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	DMw/oil show on top	0.56

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Prospect Oil & Gas Inc

Karlin #1

P O Box 837
Russell Ks 67665

31-12-17-Ellis-Ks

Job Ticket: 21162

DST#: 1

ATTN: Brad Huchison

Test Start: 2004.12.27 @ 14:35:38

Tool Information

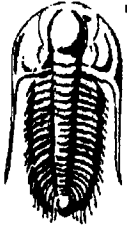
Drill Pipe:	Length: 3375.00 ft	Diameter: 3.80 inches	Volume: 47.34 bbl	Tool Weight: 1800.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 35000.00 lb
			<u>Total Volume: 47.34 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 30000.00 lb
Depth to Top Packer:	3370.00 ft			Final 30000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	61.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Change Over Sub	1.00			3350.00	
Shut In Tool	5.00			3355.00	
Hydraulic tool	5.00			3360.00	
Packer	5.00			3365.00	21.00 Bottom Of Top Packer
Packer	5.00			3370.00	
Stubb	1.00			3371.00	
Recorder	0.00	6799	Inside	3371.00	
Perforations	36.00			3407.00	
Recorder	0.00	13254	Outside	3407.00	
Bullnose	3.00			3410.00	40.00 Bottom Packers & Anchor
Total Tool Length:	61.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil & Gas Inc

Karlin #1

P O Box 837
Russell Ks 67665

31-12-17-Ellis-Ks

Job Ticket: 21162

DST#: 1

ATTN: Brad Huchison

Test Start: 2004.12.27 @ 14:35:38

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 50.00 sec/qt
Water Loss: 7.99 in³
Resistivity: ohm.m
Salinity: 4000.00 ppm
Filter Cake: inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	DMw/oil show on top	0.561

Total Length: 40.00 ft Total Volume: 0.561 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

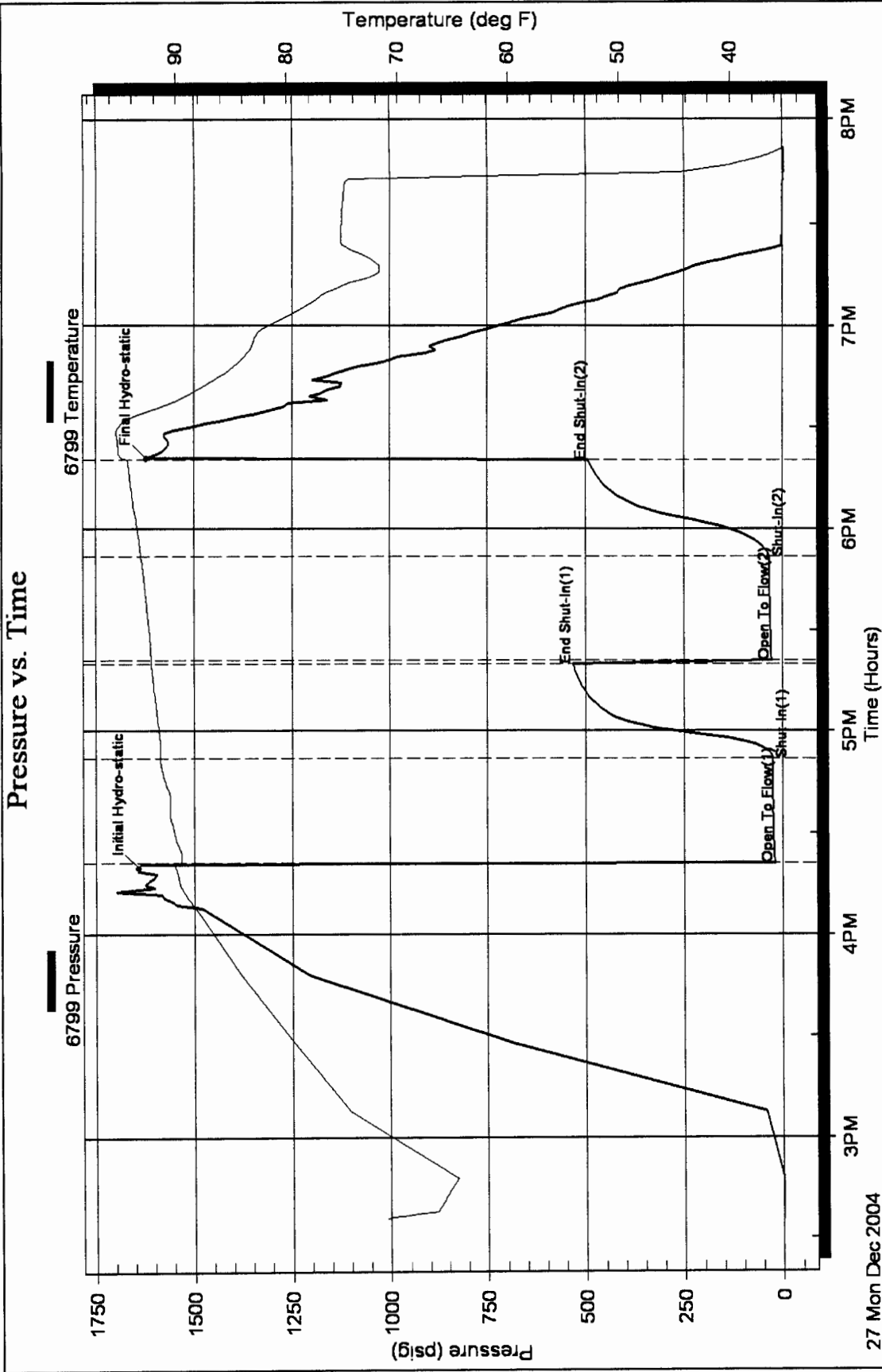
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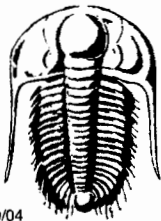
Inside

Prospect Oil & Gas Inc

31-12-17-Elis-Ks

DST Test Number: 1





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

INV
2071

No 21162

Test Ticket

Well Name & No. Karlin #1 Test No. 1 Date 12-27-04
 Company Prospect Oil & Gas, Inc Zone Tested C-D LKC
 Address P.O. Box 837, Russell, Ks. 67665 Elevation 2076 KB 2071 GL
 Co. Rep / Geo. Brad Hutchison Cont. Vanfeldt Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 31 Twp. 12 Rge. 17 Co. Ellis State Ks
 No. of Copies _____ Disbtribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3370 — 3410 Initial Str Wt./Lbs 20,000 Unseated Str Wt/Lbs 20,000
 Anchor Length 40 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 35,000
 Top Packer Depth 3365 Tool Weight 1800
 Bottom Packer Depth 3370 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3410 Wt. Pipe Run _____ Drill Collar Run _____
 Mud Wt. 9 LCM _____ Vis. 50 WL 8 Drill Pipe Size 4.5 XH Ft. Run 3375
 Blow Description I.F. Weak steady 1/8" blow

F.F. weak steady 1/8" blow

Recovery - Total Feet 40 GIP _____ Ft. in DC _____ Ft. in DP 40
 Rec. 40 Feet of D.M w/ oil show %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of on top %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 94 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 4,000 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1640</u>	PSI	<u>6799</u>	<u>900</u>
(B) First Initial Flow Pressure	<u>20</u>	PSI	(depth) <u>3371</u>	Jars _____
(C) First Final Flow Pressure	<u>25</u>	PSI	Recorder No. <u>13254</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>532</u>	PSI	(depth) <u>3407</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>28</u>	PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>33</u>	PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>494</u>	PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1621</u>	PSI	Initial Shut-In <u>30</u>	Shale Packer _____
			Final Flow <u>30</u>	Ruined Packer _____
			Final Shut-In <u>30</u>	Mileage <u>24</u> <u>24</u>
			T-On Location <u>14:00</u>	Sub Total: <u>924</u>
			T-Started <u>14:35</u>	Std. By _____
			T-Open <u>16:20</u>	Other _____
			T-Pulled <u>18:20</u>	Total: _____
			T-Out <u>19:52</u>	

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Approved By [Signature]
 Our Representative Dan Bangle