

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009

ORIGINAL

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 6627
Name: Prospect Oil & Gas, Inc.
Address 1: P.O. Box 837
Address 2: _____
City: Russell State: Ks Zip: 67665 + _____
Contact Person: Brad Hutchison
Phone: (785) 483-0492
CONTRACTOR: License # 5184
Name: Shields Drilling, Co.
Wellsite Geologist: Brad Hutchison
Purchaser: None

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil WSW SWD SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to ENHR Conv. to SWD
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

7-2-10	7-11-10	8-1-10
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 051-26,003 -0000
Spot Description: _____
Ap NW NE SW Sec. 36 Twp. 14 S. R. 19 East West
2220 Feet from North / South Line of Section
1600 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Ellis
Lease Name: Virginia Dreiling Well #: 2
Field Name: Wildcat
Producing Formation: Arbuckle
Elevation: Ground: 2075' Kelly Bushing: 2070'
Total Depth: 3760 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 234 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: 1326'
feet depth to: surface w/ 275 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 46,000 ppm Fluid volume: 1000 bbls
Dewatering method used: Air Dry & backfill
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License #: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Permit #: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Brad Hutchison
Title: member Date: 3.11.11

KCC Office Use ONLY RECEIVED

Letter of Confidentiality Received
Date: MAR 14 2011

Confidential Release Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

ALT I II III Approved by: Dg Date: 3/17/11

KCC WICHITA

Operator Name: Prospect Oil & Gas, Inc. Lease Name: Virginia Dreiling Well #: 2
 Sec. 36 Twp. 14 S. R. 19 East West County: Ellis

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: CNL/CDL DIL MEL	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>1301</td> <td>+ 765</td> </tr> <tr> <td>Topeka</td> <td>3039</td> <td>- 964</td> </tr> <tr> <td>Heebner</td> <td>3317</td> <td>- 1242</td> </tr> <tr> <td>Toronto</td> <td>3336</td> <td>- 1261</td> </tr> <tr> <td>Lansing</td> <td>3363</td> <td>- 1288</td> </tr> <tr> <td>Arbuckle</td> <td>3660</td> <td>-1585</td> </tr> </table>	Name	Top	Datum	Anhydrite	1301	+ 765	Topeka	3039	- 964	Heebner	3317	- 1242	Toronto	3336	- 1261	Lansing	3363	- 1288	Arbuckle	3660	-1585
Name	Top	Datum																				
Anhydrite	1301	+ 765																				
Topeka	3039	- 964																				
Heebner	3317	- 1242																				
Toronto	3336	- 1261																				
Lansing	3363	- 1288																				
Arbuckle	3660	-1585																				

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4	8 5/8"	20 #	237'	Common	150	3% cc. 2 % gel.
Production	7 7/8	5 1/2"	15 #	3758'	Common	150	10% salt

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
2	3671	100 15% NE	3671

TUBING RECORD: Size: <u>2 7/8"</u> Set At: <u>3675</u> Packer At: <u>none</u> Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No											
Date of First, Resumed Production, SWD or ENHR. <u>8-28-10</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____										
Estimated Production Per 24 Hours	<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%;">Oil Bbls.</td> <td style="width:15%;">Gas Mcf</td> <td style="width:15%;">Water Bbls.</td> <td style="width:15%;">Gas-Oil Ratio</td> <td style="width:15%;">Gravity</td> </tr> <tr> <td>40</td> <td> </td> <td>10</td> <td> </td> <td>31</td> </tr> </table>	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	40		10		31
Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity							
40		10		31							

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>Arbuckle-3671'</u>
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QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 4117

Date	7-11-10	Sec.	36	Twp.	14	Range	19	County	Ellis	State	Kansas	On Location		Finish	11:15PM
Lease	Virginia Drilling	Well No.	2		Location		Auburn 2N 2E								
Contractor	Shields Drilling				Owner		To Quality Oilwell Cementing, Inc.								
Type Job	2 Stage				You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.										
Hole Size	7 7/8				T.D.		3763								
Csg.	5 1/2 14 1/2				Depth		Charge To Prospect Oil & Gas								
Tbg. Size					Depth		Street								
Tool	DK				Depth		1326								
Cement Left in Csg.					Shoe Joint		City								
Meas Line					Displace		32 1/2 Bbl								
							State								
							The above was done to satisfaction and supervision of owner agent or contractor.								
							Cement Amount Ordered 275 Q-MDC 1/4 Flowseal								

EQUIPMENT

Pumptrk	5	No.	Cement Helper	Steve	3	Common	275
Bulktrk	10	No.	Driver	Blanchard	3	Poz. Mix	
Bulktrk		No.	Driver	Drey	3	Gel.	

JOB SERVICES & REMARKS

Remarks:	Calcium
Rat Hole	Hulls
Mouse Hole	Salt
Centralizers	Flowseal 68#
Baskets	Kol-Seal
D/V or Port Collar	Mud CLR 48
	CFL-117 or CD110 CAF 38
	Sand
30x Rat Hole	Handling 275
20x Mouse Hole	Mileage 37

FLOAT EQUIPMENT

Land plug @ 1500psi & close tool	Guide Shoe
Cement did Circulate	Centralizer
	Baskets
	AFU/Inserts
	Float Shoe
	Latch Down

[Handwritten Signature]
Signature

Pumptrk Charge	9	Top Stage	
Mileage	9	NK	
Tax			
Discount			
Total Charge			

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QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 4202

Date	7-27-10	Sec.	Twp.	Range	County	State	On Location	Finish
Lease	Virginia/Dreiling	Well No.	2	Location	Antonio 1/2N WITTO			1:30pm

Contractor	Express	Owner	To Quality Oilwell Cementing, Inc.
Type Job	Squeeze	You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.	
Hole Size	7/8	T.D.	
Csg.	5 1/2	Depth	Charge To Prospect 0:1
Tbg. Size	2 1/8	Depth	Street
Tool		Depth	City State
Cement Left in Csg.		Shoe Joint	The above was done to satisfaction and supervision of owner agent or contractor.
Meas Line		Displace	Cement Amount Ordered 150

EQUIPMENT			
Pumptrk	5	No. Cementer Helper Craig	4 1/2
Bulktrk		No. Driver Paul	3 1/2
Bulktrk	8	No. Driver Dave	2 1/2

JOB SERVICES & REMARKS	
Remarks:	used 35
Rat Hole	Common
Mouse Hole	Poz. Mix
Centralizers	Gel.
Baskets	Calcium
D/V or Port Collar	Hulls
	Salt
	Flowseal
	Kol-Seal
	Mud CLR 48
	CFL-117 or CD110 CAF 38
	Sand
	Handling
	Mileage

FLOAT EQUIPMENT	
	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down

Pumptrk Charge	Squeeze Job
Mileage	9
Signature	

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Tax
Discount
Total Charge

QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 4116

Date	Sec.	Twp.	Range	County	State	On Location	Finish
7-11-10	36	14	19	Ellis	Kansas		9:30PM
Lease	Well No.		Location				
Virginia Doolin	2		Antonio Ed Fink				

Contractor	Owner
Shields Drilling	To Quality Oilwell Cementing, Inc.
Type Job	You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
2 Stage	
Hole Size	Charge To
7 7/8	Prospect Oil & Gas
Csg.	T.D.
5 1/2 13lb	3763
Tbg. Size	Depth
	3758
Tool	Depth
DV	1326
Cement Left in Csg.	Shoe Joint

The above was done to satisfaction and supervision of owner agent or contractor.

Meas Line	Displace	Cement Amount Ordered
	90 3/321	150 Com 102 Salt
EQUIPMENT		500 Gal Mud Cement
Pumptrk	No.	Cement Helper
5		Steve 3
Bulktrk	No.	Driver
8		Blair 3
Bulktrk	No.	Driver
		Blair 3
		Driver
		Blair 3

JOB SERVICES & REMARKS	
Remarks:	Calcium
Rat Hole	Hulls
Mouse Hole	Salt 17
Centralizers	Flowseal
Baskets	Kol-Seal 750#
D/V or Port Collar	Mud CLR 48 500 gal
	CFL-117 or CD110 CAF 38
	Sand
	Handling 169
	Mileage 37

FLOAT EQUIPMENT	
Float Held	Guide Shoe
	Centralizer 5 Turbas 1 Reg
	Baskets 1
	AFU Inserts
	Float Shoe 1
	Latch Down 1
	DV Tool w/ latch down
	prod Bottom
	Pumptrk Charge Long String Stage
	Mileage 9

Signature: *[Handwritten Signature]*

Tax	Discount	Total Charge

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QUALITY OILWELL CEMENTING, INC.

785-483-2025
85-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 4081

Date	6-3-2010	Sec.	36	Twp.	14	Range	19	County	Ellis	State	Ks	On Location		Finish	7:15 AM
Lease	Virginia Drilling			Well No.	#2			Location	Antonino, Ks - 1/2 N, E/S						

Contractor	Sheilds Drilling		Owner	To Quality Oilwell Cementing, Inc.		
Type Job	Surface		You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Hole Size	12 1/4"	T.D.	237'	Charge To	Prospect oil & gas	
Csg.	8 7/8"	Depth	237'	Street		
Tbg. Size		Depth		City	State	
Tool		Depth				

Cement Left in Csg.	15'	Shoe Joint	15'	The above was done to satisfaction and supervision of owner agent or contractor.		
Meas Line		Displace	14 BBLs	Cement Amount Ordered	150 5x Common 3% CC 2% Gel	

EQUIPMENT

Pumptrk	1 No.	Cement Helper	Neale	4 hours of	Common	150
Bulktrk	8 No.	Driver	Rick	4 hours of	Poz. Mix	
Bulktrk	No.	Driver			Gel.	3

JOB SERVICES & REMARKS

Remarks:	Cement did Circulate.		Calcium	5
Rat Hole	FD Cellar		Hulls	
Mouse Hole			Salt	
Centralizers			Flowseal	
Baskets			Kol-Seal	
D/V or Port Collar			Mud CLR 48	
			CFL-117 or CD110 CAF 38	
			Sand	
			Handling	158
			Mileage	

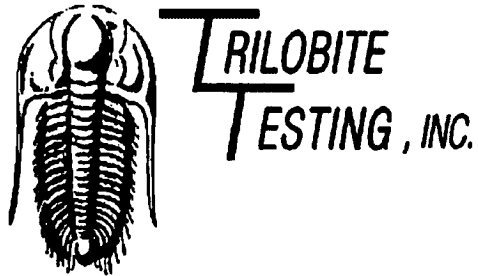
FLOAT EQUIPMENT

	Guide Shoe	
	Centralizer	
	Baskets	
	AFU Inserts	
	Float Shoe	
	Latch Down	
	1- Wooden plug	
	Pumptrk Charge	Surface
	Mileage	9

X Signature *Thomas Henge*

Tax	
Discount	
Total Charge	

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MAR 14 2011
KCC WICHITA



DRILL STEM TEST REPORT

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

PO Box 837
Russell, KS 67665

ATTN: Randall Kilian

36-14s-19w Ellis KS

Virginia Dreiling #2

Start Date: 2010.07.08 @ 12:05:05

End Date: 2010.07.08 @ 20:19:37

Job Ticket #: 039876 DST #: 1

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

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MAR 14 2011
KCC WICHITA



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Prospect Oil & Gas Inc.

Virginia Dreiling #2

PO Box 837
Russell, KS 67665

36-14s-19w Ellis KS

Job Ticket: 039876

DST#: 1

ATTN: Randall Kilian

Test Start: 2010.07.08 @ 12:05:05

GENERAL INFORMATION:

Formation: **LKC-A-C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:32:08

Time Test Ended: 20:19:37

Test Type: Conventional Bottom Hole

Tester: Andy Carreira

Unit No: 53

Interval: **3348.00 ft (KB) To 3398.00 ft (KB) (TVD)**

Reference Elevations: 2075.00 ft (KB)

Total Depth: 3398.00 ft (KB) (TVD)

2070.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: **6772**

Outside

Press@RunDepth: 267.94 psig @ 3349.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.07.08

End Date: 2010.07.08

Last Calib.: 2010.07.08

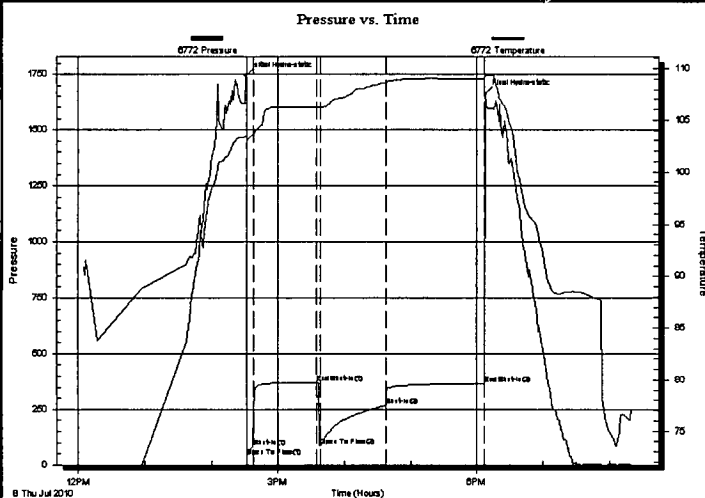
Start Time: 12:05:05

End Time: 20:19:37

Time On Btm: 2010.07.08 @ 14:30:38

Time Off Btm: 2010.07.08 @ 18:07:37

TEST COMMENT: IF: Fair blow , 3 inches
IS: No return
FF: Fair blow , 3 inches, died in 50 min.
FS: No return



PRESSURE SUMMARY

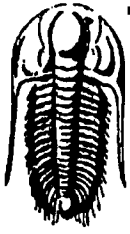
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1743.59	103.44	Initial Hydro-static
2	37.52	103.01	Open To Flow (1)
7	83.00	103.58	Shut-In(1)
64	371.95	106.19	End Shut-In(1)
67	83.58	106.16	Open To Flow (2)
127	267.94	108.70	Shut-In(2)
217	367.38	108.96	End Shut-In(2)
217	1664.06	109.34	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
520.00	MW 20%w -80%w	4.56
30.00	GIP	0.42

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Prospect Oil & Gas Inc.

Virginia Drilling #2

PO Box 837
Russell, KS 67665

36-14s-19w Ellis KS

Job Ticket: 039876

DST#: 1

ATTN: Randall Kilian

Test Start: 2010.07.08 @ 12:05:05

Tool Information

Drill Pipe:	Length: 2960.00 ft	Diameter: 3.80 inches	Volume: 41.52 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 393.00 ft	Diameter: 2.70 inches	Volume: 2.78 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: lb
			<u>Total Volume: 44.30 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3348.00 ft			Final lb
Depth to Bottom Packer:	ft			
Interval between Packers:	50.00 ft			
Tool Length:	70.00 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			3329.00	
Shut In Tool	5.00			3334.00	
Hydraulic tool	5.00			3339.00	
Packer	5.00			3344.00	20.00 Bottom Of Top Packer
Packer	4.00			3348.00	
Stubb	1.00			3349.00	
Recorder	0.00	6772	Outside	3349.00	
Recorder	0.00			3349.00	
Perforations	3.00			3352.00	
Change Over Sub	1.00			3353.00	
Drill Pipe	31.00			3384.00	
Change Over Sub	1.00			3385.00	
Perforations	10.00			3395.00	
Bullnose	3.00			3398.00	50.00 Bottom Packers & Anchor

Total Tool Length: 70.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil & Gas Inc.

Virginia Dreiling #2

PO Box 837
Russell, KS 67665

36-14s-19w Ellis KS

Job Ticket: 039876

DST#: 1

ATTN: Randall Kilian

Test Start: 2010.07.08 @ 12:05:05

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:	1400 ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.92 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3900.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

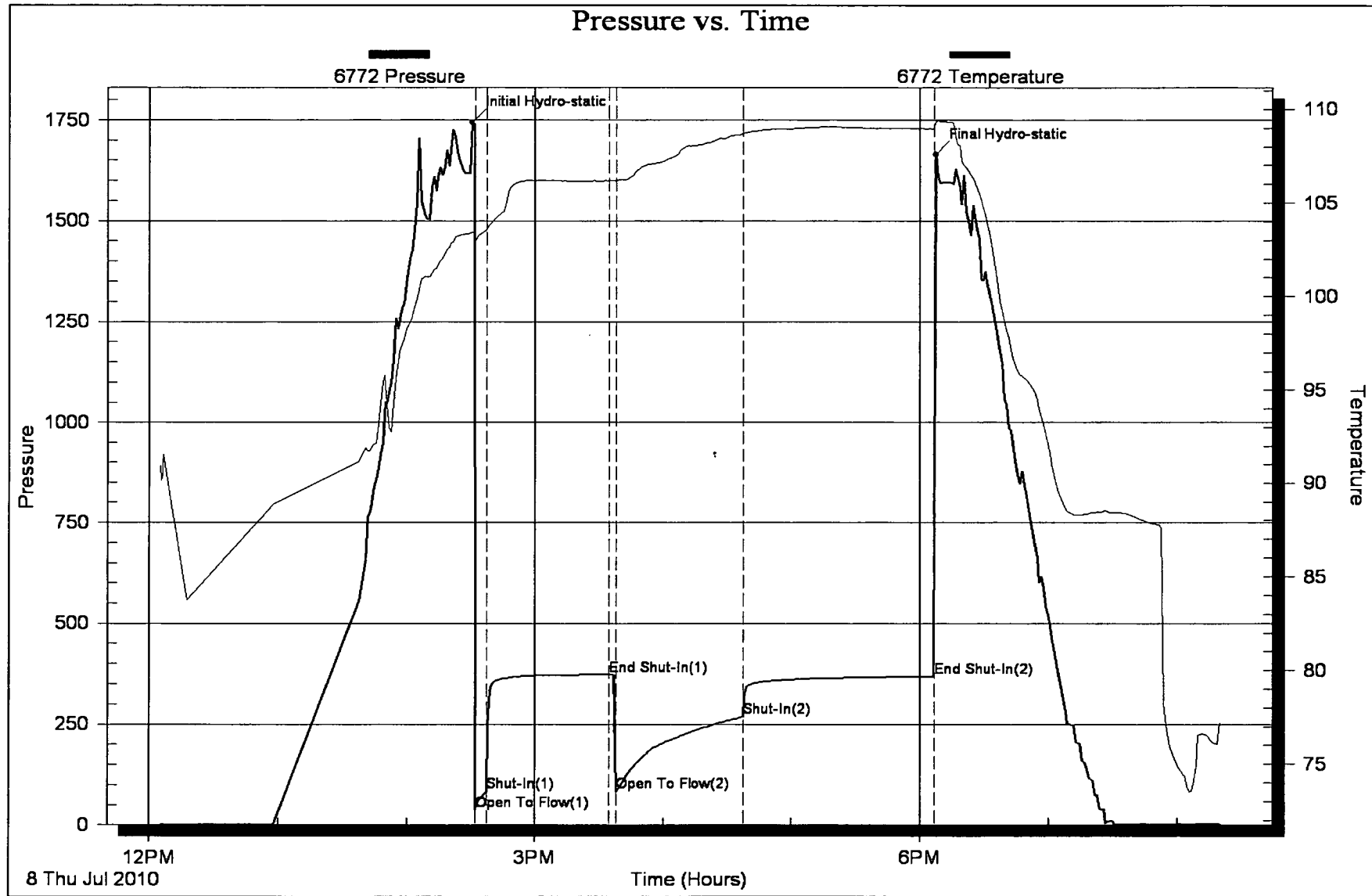
Length ft	Description	Volume bbl
520.00	MW 20% _m -80% _w	4.565
30.00	GIP	0.421

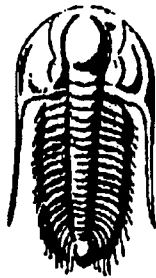
Total Length: 550.00 ft Total Volume: 4.986 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW 3.62 @ 79F = 1400 chlorides





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

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

PO Box 837
Russell, KS 67665

ATTN: Randall Kilian

36-14s-19w Ellis KS

Virginia Dreiling #2

Start Date: 2010.07.09 @ 01:35:19

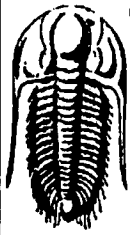
End Date: 2010.07.09 @ 07:02:58

Job Ticket #: 039877 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prospect Oil & Gas Inc.

Virginia Drilling #2

PO Box 837
Russell, KS 67665

36-14s-19w Ellis KS

Job Ticket: 039877

DST#: 2

ATTN: Randall Kilian

Test Start: 2010.07.09 @ 01:35:19

GENERAL INFORMATION:

Formation: **LKC- D**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: **03:41:14**

Time Test Ended: **07:02:58**

Test Type: **Conventional Bottom Hole**

Tester: **Andy Carreira**

Unit No: **53**

Interval: **3397.00 ft (KB) To 3415.00 ft (KB) (TVD)**

Reference Elevations: **2075.00 ft (KB)**

Total Depth: **3398.00 ft (KB) (TVD)**

2070.00 ft (CF)

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

KB to GR/CF: **5.00 ft**

Serial #: 6772

Press@RunDepth: **17.81 psig @ ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2010.07.09** End Date: **2010.07.09**

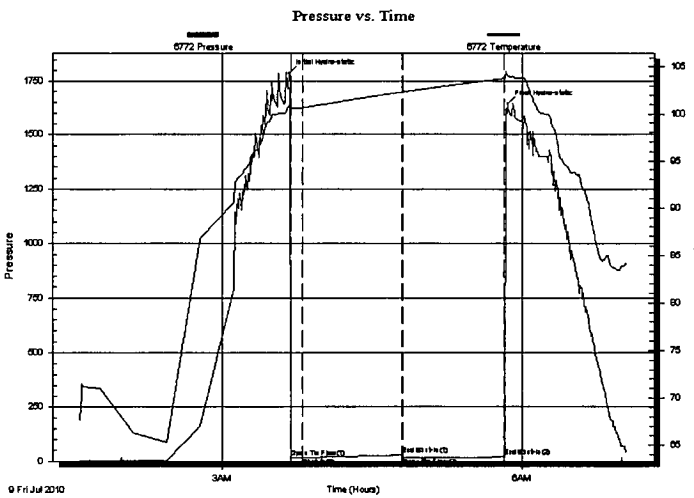
Last Calib.: **2010.07.09**

Start Time: **01:35:19** End Time: **07:02:58**

Time On Btm: **2010.07.09 @ 03:40:14**

Time Off Btm: **2010.07.09 @ 05:51:28**

TEST COMMENT: IF: Weak Surface blow
IS: No Return
FF: No blow
FS: No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1785.42	100.86	Initial Hydro-static
1	17.82	100.54	Open To Flow (1)
8	17.81	100.62	Shut-In(1)
68	28.54	102.35	End Shut-In(1)
69	17.33	102.36	Open To Flow (2)
129	19.49	103.81	End Shut-In(2)
132	1643.64	104.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	M m=100%	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil & Gas Inc.

Virginia Dreiling #2

PO Box 837
Russell, KS 67665

36-14s-19w Ellis KS

Job Ticket: 039877

DST#: 2

ATTN: Randall Kilian

Test Start: 2010.07.09 @ 01:35:19

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: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.91 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3900.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

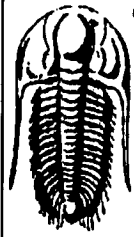
Length ft	Description	Volume bbl
3.00	Mm=100%	0.021

Total Length: 3.00 ft Total Volume: 0.021 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Prospect Oil & Gas Inc.

Virginia Drilling #2

PO Box 837
Russell, KS 67665

36-14s-19w Ellis KS

Job Ticket: 039877

DST#: 2

ATTN: Randall Kilian

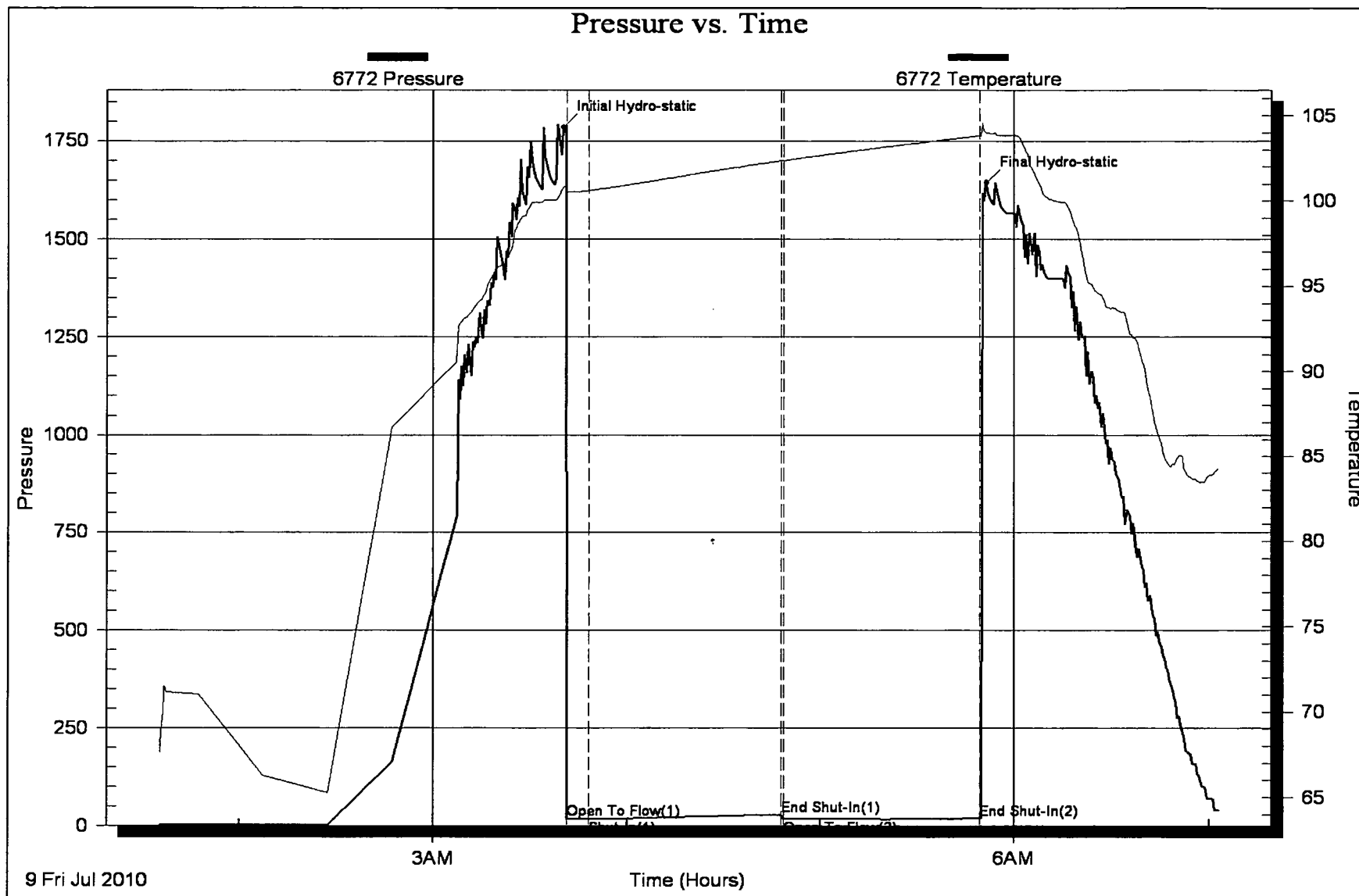
Test Start: 2010.07.09 @ 01:35:19

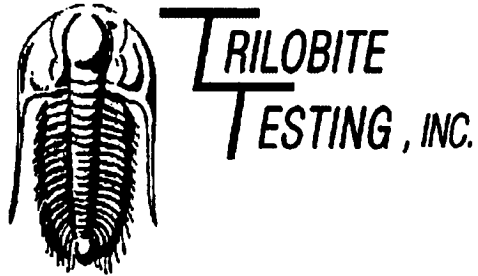
Tool Information

Drill Pipe:	Length: 3000.00 ft	Diameter: 3.80 inches	Volume: 42.08 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 393.00 ft	Diameter: 2.70 inches	Volume: 2.78 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 44.86 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3397.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	18.00 ft			
Tool Length:	38.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3378.00	
Shut In Tool	5.00			3383.00	
Hydraulic tool	5.00			3388.00	
Packer	5.00			3393.00	20.00 Bottom Of Top Packer
Packer	4.00			3397.00	
Stubb	1.00			3398.00	
Recorder	0.00	6772	Outside	3398.00	
Recorder	0.00			3398.00	
Perforations	14.00			3412.00	
Bullnose	3.00			3415.00	18.00 Bottom Packers & Anchor
Total Tool Length:	38.00				





DRILL STEM TEST REPORT

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

PO Box 837
Russell, KS 67665

ATTN: Randall Kilian

36-14s-19w Ellis KS

Virginia Dreiling #2

Start Date: 2010.07.09 @ 20:50:00

End Date: 2010.07.10 @ 02:21:00

Job Ticket #: 039878 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Prospect Oil & Gas Inc.

Virginia Drilling #2

PO Box 837
Russell, KS 67665

36-14s-19w Ellis KS

Job Ticket: 039878

DST#: 3

ATTN: Randall Kilian

Test Start: 2010.07.09 @ 20:50:00

GENERAL INFORMATION:

Formation: LKC I-J

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:28:30

Time Test Ended: 02:21:00

Test Type: Conventional Bottom Hole

Tester: Andy Carreira

Unit No: 53

Interval: 3514.00 ft (KB) To 3560.00 ft (KB) (TVD)

Total Depth: 3398.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2075.00 ft (KB)

2070.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6669

Outside

Press@RunDepth: 22.91 psig @ 3515.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.07.09

End Date:

2010.07.10

Last Calib.: 2010.07.10

Start Time: 20:50:01

End Time:

02:21:00

Time On Btm: 2010.07.09 @ 22:27:30

Time Off Btm: 2010.07.10 @ 00:37:30

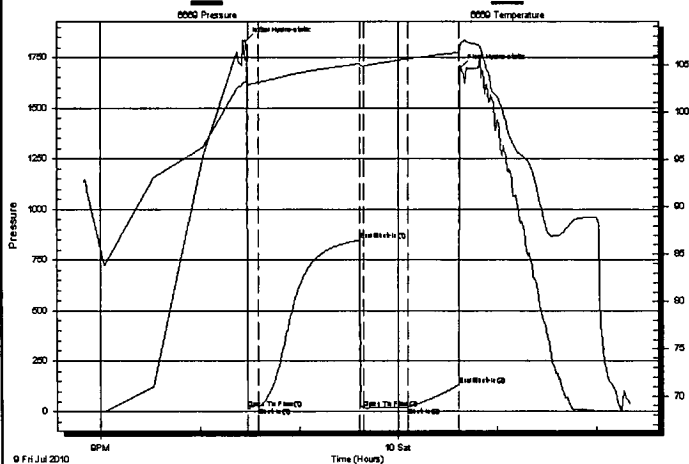
TEST COMMENT: IF: Surface Blow

IS: No return

FF: No Blow

FS: No Return

Pressure vs. Time



PRESSURE SUMMARY

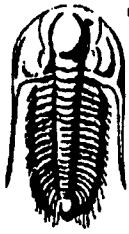
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1831.29	103.20	Initial Hydro-static
1	17.19	102.39	Open To Flow (1)
8	21.77	103.12	Shut-In(1)
69	846.97	105.07	End Shut-In(1)
72	18.71	104.82	Open To Flow (2)
98	22.91	105.63	Shut-In(2)
130	133.19	106.32	End Shut-In(2)
130	1699.09	107.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	OSM	0.04

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Prospect Oil & Gas Inc.

Virginia Drilling #2

PO Box 837
Russell, KS 67665

36-14s-19w Ellis KS

Job Ticket: 039878

DST#: 3

ATTN: Randall Kilian

Test Start: 2010.07.09 @ 20:50:00

Tool Information

Drill Pipe:	Length: 3121.00 ft	Diameter: 3.80 inches	Volume: 43.78 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 393.00 ft	Diameter: 2.70 inches	Volume: 2.78 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 46.56 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3514.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	46.00 ft			
Tool Length:	66.00 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			3495.00	
Shut In Tool	5.00			3500.00	
Hydraulic tool	5.00			3505.00	
Packer	5.00			3510.00	20.00 Bottom Of Top Packer
Packer	4.00			3514.00	
Stubb	1.00			3515.00	
Recorder	0.00	6668	Inside	3515.00	
Recorder	0.00	6669	Outside	3515.00	
Perforations	1.00			3516.00	
Change Over Sub	1.00			3517.00	
Drill Pipe	30.00			3547.00	
Change Over Sub	1.00			3548.00	
Perforations	9.00			3557.00	
Bullnose	3.00			3560.00	46.00 Bottom Packers & Anchor

Total Tool Length: 66.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil & Gas Inc.

Virginia Dreiling #2

PO Box 837
Russell, KS 67665

36-14s-19w Ellis KS

Job Ticket: 039878

DST#: 3

ATTN: Randall Kilian

Test Start: 2010.07.09 @ 20:50:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 48.00 sec/qt
Water Loss: 7.92 in³
Resistivity: ohm.m
Salinity: 3900.00 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
5.00	OSM	0.035

Total Length: 5.00 ft Total Volume: 0.035 bbl

Num Fluid Samples: 0

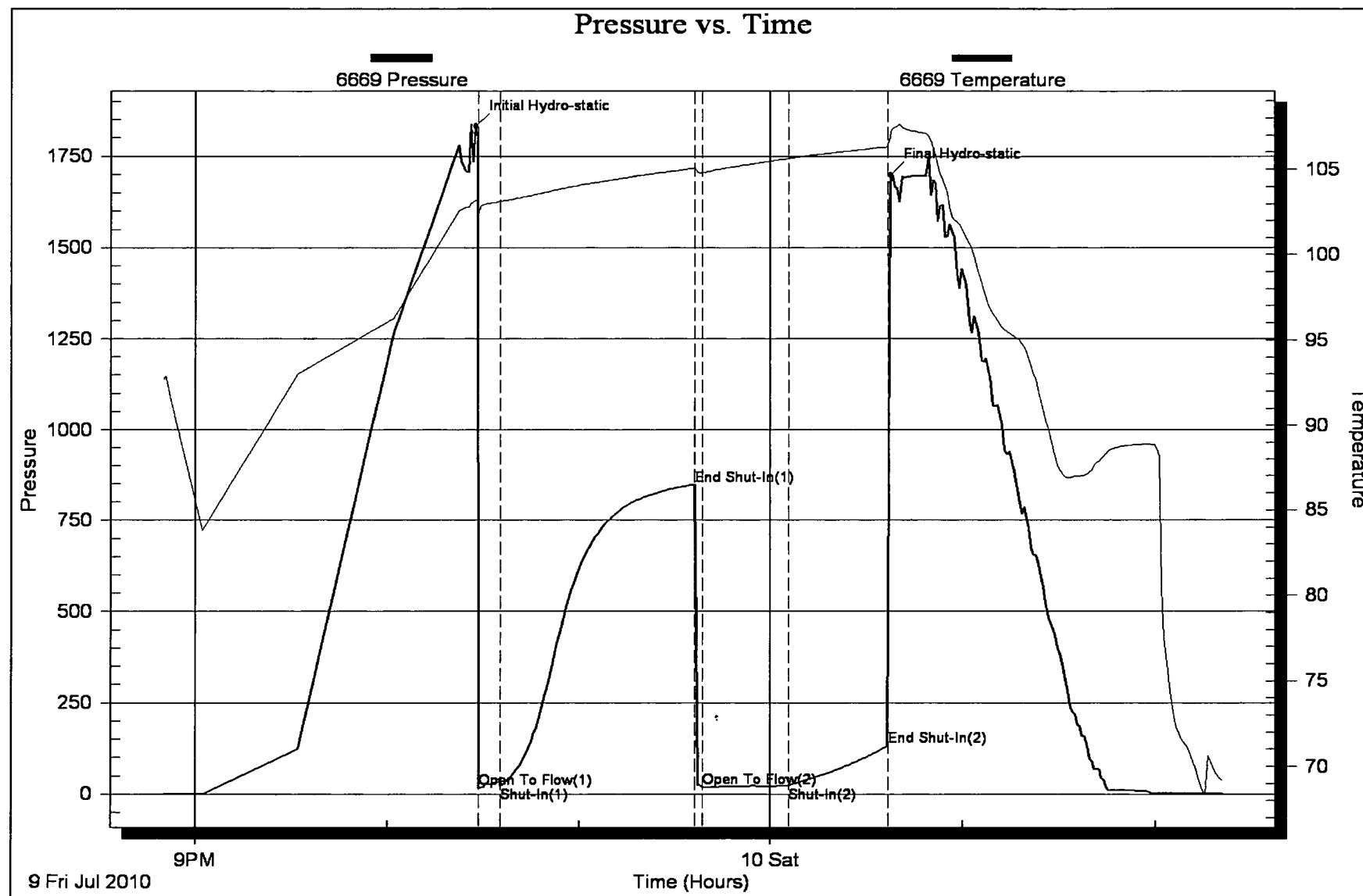
Num Gas Bombs: 0

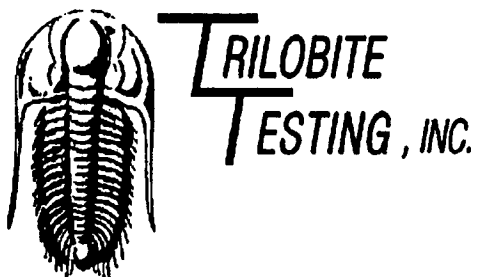
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

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

PO Box 837
Russell, KS 67665

ATTN: Randall Kilian

36-14s-19w Ellis KS

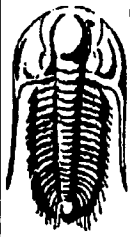
Virginia Dreiling #2

Start Date: 2010.07.11 @ 01:25:01

End Date: 2010.07.11 @ 10:01:45

Job Ticket #: 039879 DST #: 4

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prospect Oil & Gas Inc.

Virginia Drilling #2

PO Box 837
Russell, KS 67665

36-14s-19w Ellis KS

Job Ticket: 039879

DST#: 4

ATTN: Randall Kilian

Test Start: 2010.07.11 @ 01:25:01

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:05:15

Time Test Ended: 10:01:45

Test Type: Conventional Straddle

Tester: Andy Carreira

Unit No: 53

Interval: **3646.00 ft (KB) To 3682.00 ft (KB) (TVD)**

Reference Elevations: 2075.00 ft (KB)

Total Depth: 3398.00 ft (KB) (TVD)

2070.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: **6669**

Outside

Press@RunDepth: 650.76 psig @ 3647.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.07.11

End Date:

2010.07.11

Last Calib.: 2010.07.11

Start Time: 01:25:01

End Time:

10:01:45

Time On Btm: 2010.07.11 @ 03:04:15

Time Off Btm: 2010.07.11 @ 05:03:15

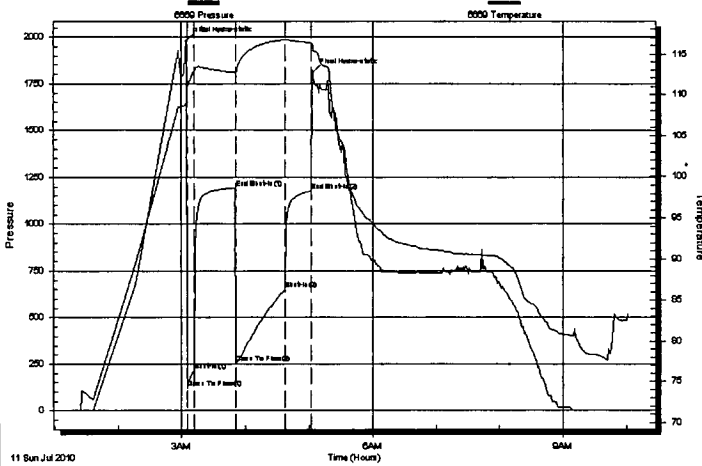
TEST COMMENT: IF: BOB, 1 Min

IS: 1", 10 Min

FF: BOB, 2 Min

FS: No Return

Pressure vs. Time



PRESSURE SUMMARY

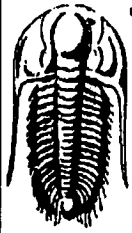
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1980.46	108.95	Initial Hydro-static
1	120.26	111.00	Open To Flow (1)
7	211.88	112.78	Shut-In(1)
46	1194.38	112.71	End Shut-In(1)
47	255.17	112.51	Open To Flow (2)
93	650.76	116.71	Shut-In(2)
118	1178.24	116.30	End Shut-In(2)
119	1811.70	116.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1670.00	CO 100%O	20.70
60.00	OSM 10%O 90%M	0.84

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Prospect Oil & Gas Inc.

Virginia Drilling #2

PO Box 837
Russell, KS 67665

36-14s-19w Ellis KS

Job Ticket: 039879

DST#: 4

ATTN: Randall Kilian

Test Start: 2010.07.11 @ 01:25:01

Tool Information

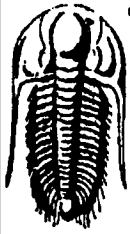
Drill Pipe:	Length: 3253.00 ft	Diameter: 3.80 inches	Volume: 45.63 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 393.00 ft	Diameter: 2.70 inches	Volume: 2.78 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 48.41 bbl</u>	Tool Chased: 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3646.00 ft			Final 57000.00 lb
Depth to Bottom Packer:	3682.00 ft			
Interval between Packers:	36.00 ft			
Tool Length:	141.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3627.00	
Shut In Tool	5.00			3632.00	
Hydraulic tool	5.00			3637.00	
Packer	5.00			3642.00	20.00 Bottom Of Top Packer
Packer	4.00			3646.00	
Stubb	1.00			3647.00	
Recorder	0.00		Inside	3647.00	
Recorder	0.00	6669	Outside	3647.00	
Perforations	32.00			3679.00	
Blank Spacing	3.00			3682.00	36.00 Tool Interval
Packer	4.00			3686.00	
Stubb	1.00			3687.00	
Perforations	16.00			3703.00	
Change Over Sub	1.00			3704.00	
Drill Pipe	59.00			3763.00	
Change Over Sub	1.00			3764.00	
Recorder	0.00	8654	Below	3764.00	
Bullnose	3.00			3767.00	85.00 Bottom Packers & Anchor

Total Tool Length: 141.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil & Gas Inc.

Virginia Drilling #2

PO Box 837
Russell, KS 67665

36-14s-19w Ellis KS

Job Ticket: 039879

DST#: 4

ATTN: Randall Kilian

Test Start: 2010.07.11 @ 01:25:01

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

31 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.36 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1670.00	CO 100%O	20.696
60.00	OSM 10%O 90%M	0.842

Total Length: 1730.00 ft

Total Volume: 21.538 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

