



KANSAS CORPORATION COMMISSION 1075559  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
June 2009  
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 Corp  
Address 1: PO BOX 837  
Address 2: \_\_\_\_\_  
City: RUSSELL State: KS Zip: 67665 + 0837  
Contact Person: BRAD HUTCHISON  
Phone: ( 785 ) 483-6266  
CONTRACTOR: License # 33905  
Name: Royal Drilling Inc  
Wellsite Geologist: BRAD HUTCHISON  
Purchaser: COFFEYVILLE

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 #: \_\_\_\_\_

<u>08/05/2011</u>	<u>08/11/2011</u>	<u>09/10/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-065-23766-00-00  
Spot Description: \_\_\_\_\_  
NE NE NE Sec. 11 Twp. 10 S. R. 21  East  West  
330 Feet from  North /  South Line of Section  
330 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: Graham  
Lease Name: DeYoung C Well #: 2  
Field Name: COOPER  
Producing Formation: ARBUCKLE  
Elevation: Ground: 2273 Kelly Bushing: 2278  
Total Depth: 3845 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at: 222 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: 1787  
feet depth to: 0 w/ 375 sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: 39000 ppm Fluid volume: 850 bbls  
Dewatering method used: Evaporated  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**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.

Submitted Electronically

**KCC Office Use ONLY**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: Deanna Garrico Date: 03/21/2012



1075559

Operator Name: Prospect Oil & Gas Corp Lease Name: DeYoung C Well #: 2  
 Sec. 11 Twp. 10 S. R. 21  East  West County: Graham

**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 (Attach Additional Sheets)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	ANHYDRITE	1751	-521
Electric Log Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	TOPEKA	3292	-1014
Electric Log Submitted Electronically (If no, Submit Copy)	<input type="checkbox"/> Yes <input type="checkbox"/> No	HEEBNER	3501	-1223
List All E. Logs Run:		TORONTO	3524	-1246
		LANSING	3540	-1262
		ARBUCKLE	3841	-1463

CASING RECORD <input checked="" 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	12.25	8.625	20	222	COMMON	150	2% GEL 3% CC
PRODUCTION	7.87	5.5	14	3845	COMMON	150	10% SALT
PRODUCTION	7.87	5.5	14	3845	COMMON	375	75# FLOWSEAL

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
— Perforate				
— Protect Casing	-			
— Plug Back TD				
— Plug Off Zone	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD: Size: <u>2 7/8</u> Set At: <u>3840</u> Packer At:		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>10/01/2011</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	Oil Bbls. <u>20</u>	Gas Mcf	Water Bbls. <u>200</u>
			Gas-Oil Ratio <u>26</u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input checked="" type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>3841-3845</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. 5125

Date	8-5-11	Sec.	11	Twp.	10	Range	21	County	Graham	State	Ks	On Location		Finish	11:30 PM
Lease	Denning C		Well No.	#2		Location K-18 + Redline Rd, w to stop sign, 15									
Contractor	Royal Drilling Rig #1					Owner to V Rd, 3w to 39w Rd, 18 S, w/s									
Type Job	Surface					To Quality Oilwell Cementing, Inc. 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.	222'		Charge To Prospect oil + gas									
Csg.	8 7/8"		Depth	221.27'		Street									
Tbg. Size			Depth			City State									
Tool			Depth			The above was done to satisfaction and supervision of owner agent or contractor.									
Cement Left in Csg.	15'		Shoe Joint	15'		Cement Amount Ordered 150 sq Common 3 1/2 CC									
Meas Line			Displace	13 BLS											

**EQUIPMENT**

Pumptrk	1	No.	Cementor	Cisco	Common
			Helper		
Bulktrk	8	No.	Driver	Douglas	Poz. Mix
			Driver		
Bulktrk	pu.	No.	Driver	Rick	Gel.
			Driver		

**JOB SERVICES & REMARKS**

Remarks:	Cement did Circulate	Calcium
Rat Hole		Hulls
Mouse Hole		Salt
Centralizers		Flowseal
Baskets		Kot-Seal
D/V or Port Collar		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	
	Mileage	
		Tax
		Discount
		Total Charge

X Signature: *[Handwritten Signature]*

# QUALITY OILWELL CEMENTING, INC.

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

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

No. 5077

Date	8-11-11	Sec.	11	Twp.	10	Range	21	County	Graham	State	Kansas	On Location		Finish	2:30 PM
Lease	W. Jayano			Well No.	2			Location	Rake 35 3W 15S						
Contractor	Kapt. Drilling Rig							Owner	Quality Oilwell Cementing, Inc.						
Type Job	D/V Porten							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 1/2			T.D.	3845			Charge To	Project U1 7600						
Csg.	5000			Depth	3840			Street							
Tbg. Size				Depth				City	State						
Tool DV	#49			Depth	1787			The above was done to satisfaction and supervision of owner agent or contractor.							
Cement Left in Csg.	17			Shoe Joint	17			Cement Amount Ordered	150 Gamma 100 Seal						
Meas Life				Displace	93 1/2 Bbl			500 Gal Mud Clean 48							

**EQUIPMENT**

Pumptrk	9	No.	Cementor		Common
			Helper	Jay	
Bulktrk	14	No.	Driver	Craig	Poz. Mix
			Driver		
Bulktrk		No.	Driver	Tom	Gel.
			Driver		

**JOB SERVICES & REMARKS**

Remarks:	Calcium
Rat Hole	Hulls
Mouse Hole	Salt
Centralizers	Flowseal
Baskets	Kof-Seal
D/V or Port Collar	Mud CLR 48
	CFL-117 or CD110 CAF 38
	Sand
	Handling
	Mileage

**FLOAT EQUIPMENT**

	Guide Shoe
	Centralizer 8
	Baskets 3
	AFU Inserts
	Float Shoe
	Latch Down
	D/V Tool and latch down

Pumptrk Charge	
Mileage	
Tax	
Discount	
Total Charge	

X Signature

*[Handwritten Signature]*

# QUALITY OILWELL CEMENTING, INC.

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

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

No. 3012

Date	9-17-11	Sec.	11	Twp.	10	Range	21	County	Grady	State	Kansas	On Location		Finish	4:45 PM
Lease	Deyoung		Well No.	2		Location		Kilco 35 36W 13E							
Contractor	Keggs Drilling		KS		Owner		Quality Oilwell Cementing, Inc.								
Type Job	D.V. Top		S		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			T.D.		Charge To		Prospect 017/12								
Csg. Size	5 7/8		14 1/2		Depth										
Tbg. Size			Depth		Street										
Tool Joint	D.V. 269		Depth		1787		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		35 0 MDC 1/2 1/2								

**EQUIPMENT**

Pumptrk	A	No.	Cementer		Common
			Helper		
Bulktrk	B	No.	Driver		Poz. Mix
			Driver		
Bulktrk		No.	Driver		Gel
			Driver		

**JOB SERVICES & REMARKS**

Remarks:	Calcium
Rat Hole	Hulls
Mouse Hole	Salt
Centralizers	Flowseal
Baskets	Kol-Seal
D/V or Port Collar	Mud CLR 48
30" Red Hole	CFL-117 or CD110 CAF 38
15" 2' Hole	Sand
	Handling
	Mileage

**FLOAT EQUIPMENT**

	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down

Quality Oilwell Cementing

	Pumptrk Charge	
	Mileage	
		Tax
		Discount
		Total Charge

X Signature *[Handwritten Signature]*

# BRAD HUTCHINSON

116 EVES DRIVE  
RUSSELL, KANSAS 67665

785-483-0492

## GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY PROSPECT OIL & GAS, INC.  
 LEASE DeYoung "C" #2  
 FIELD COOPER  
 LOCATION NE NE NE  
 SEC 11 TWSP 10S RGE 21W  
 COUNTY GRAHAM STATE KANSAS

ELEVATIONS  
 KB 2278'  
 DF \_\_\_\_\_  
 GL 2273'  
 Measurements Are All  
 From Kelly Bushing

CONTRACTOR Royal Drilling, Inc.  
 SPUD 8-5-11 COMP 8-11-11  
 RTD 3845 (-1567) LTD \_\_\_\_\_  
 MUD UP 3200' TYPE MUD CHEMICAL

CASING  
 SURFACE 8 5/8" @ 222'  
 PRODUCTION 5 1/2" @ 3840'  
 ELECTRICAL SURVEYS  
 None

SAMPLES SAVED FROM 3250' TO RTD  
 DRILLING TIME KEPT FROM 3200' TO RTD  
 SAMPLES EXAMINED FROM 3250' TO RTD  
 GEOLOGICAL SUPERVISION FROM 3250' TO RTD  
 GEOLOGIST ON WELL BRAD J. HUTCHINSON

FORMATION TOPS	LOG	SAMPLES																					
<u>ANHYDRITE</u>		<u>1757 (+521)</u>	<table border="1" style="width: 100%; height: 100%; border-collapse: collapse;"> <tr><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%; text-align: center;">0</td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> </table>				0																
				0																			
<u>TOPEKA</u>		<u>3292 (-1014)</u>																					
<u>HEEDNER</u>		<u>3501 (-1223)</u>																					
<u>TORONTO</u>		<u>3524 (-1246)</u>																					
<u>LANDING</u>		<u>3540 (-1262)</u>																					
<u>ARBUCKLE</u>		<u>3841 (-1463)</u>																					

7505

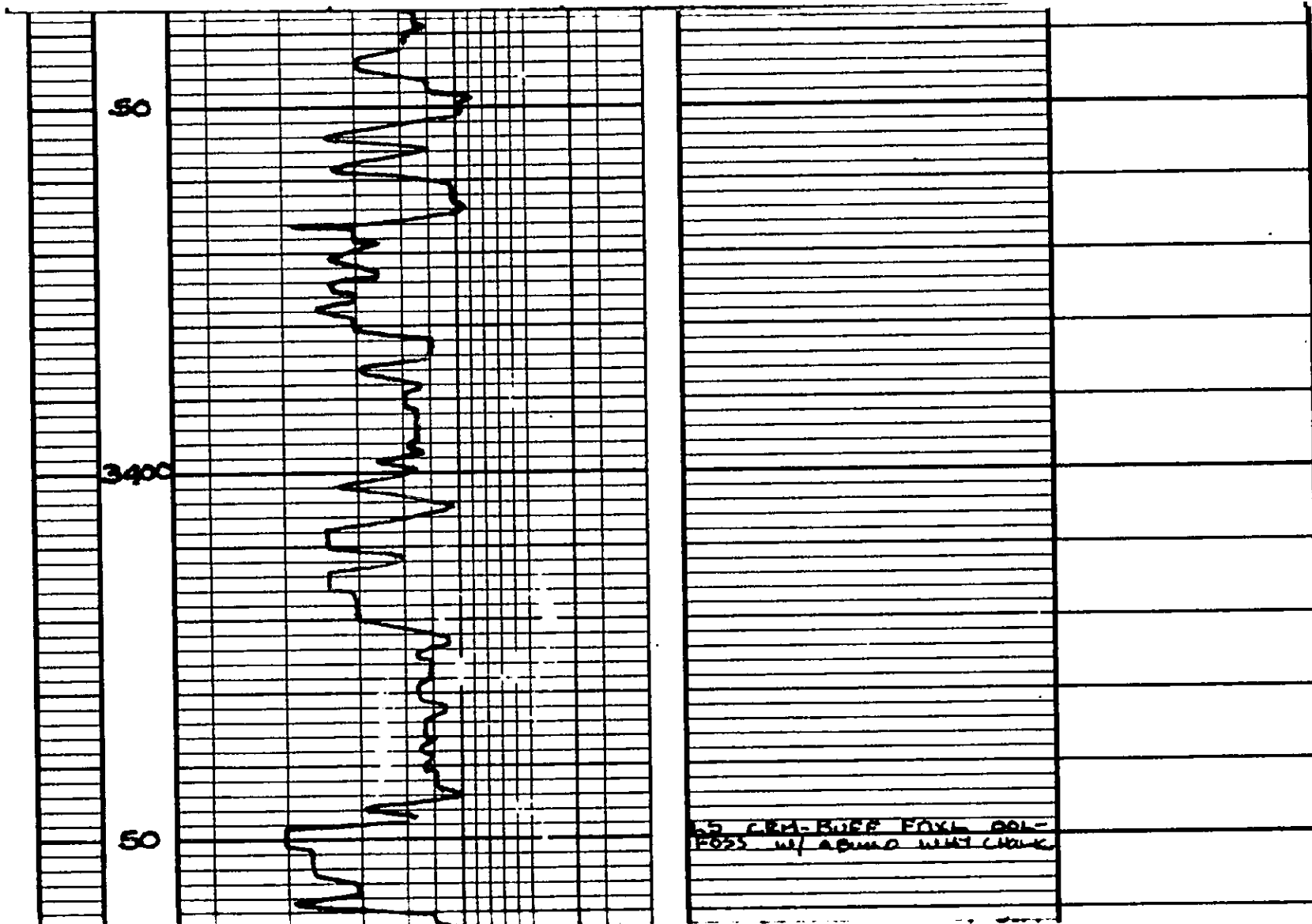
REMARKS It was recommended based on the results of DST-1, that 5 1/2" production casing be set and cemented at 3041', four (4) feet off bottom, and the following zone to be tested.	DAILY PROGRESS: 7:00 A.M.	
	8-5-11	MIRU
	8-6-11	222'
	8-7-11	1920'
	8-8-11	2855'
	8-9-11	3490'
1. ARBUCKLE - Open Hole Completion Methods	8-10-11	3789'
Respectfully submitted, <i>Brad J. Hutchison</i> Brad J. Hutchison	DY TOOL SET @ 1787'	

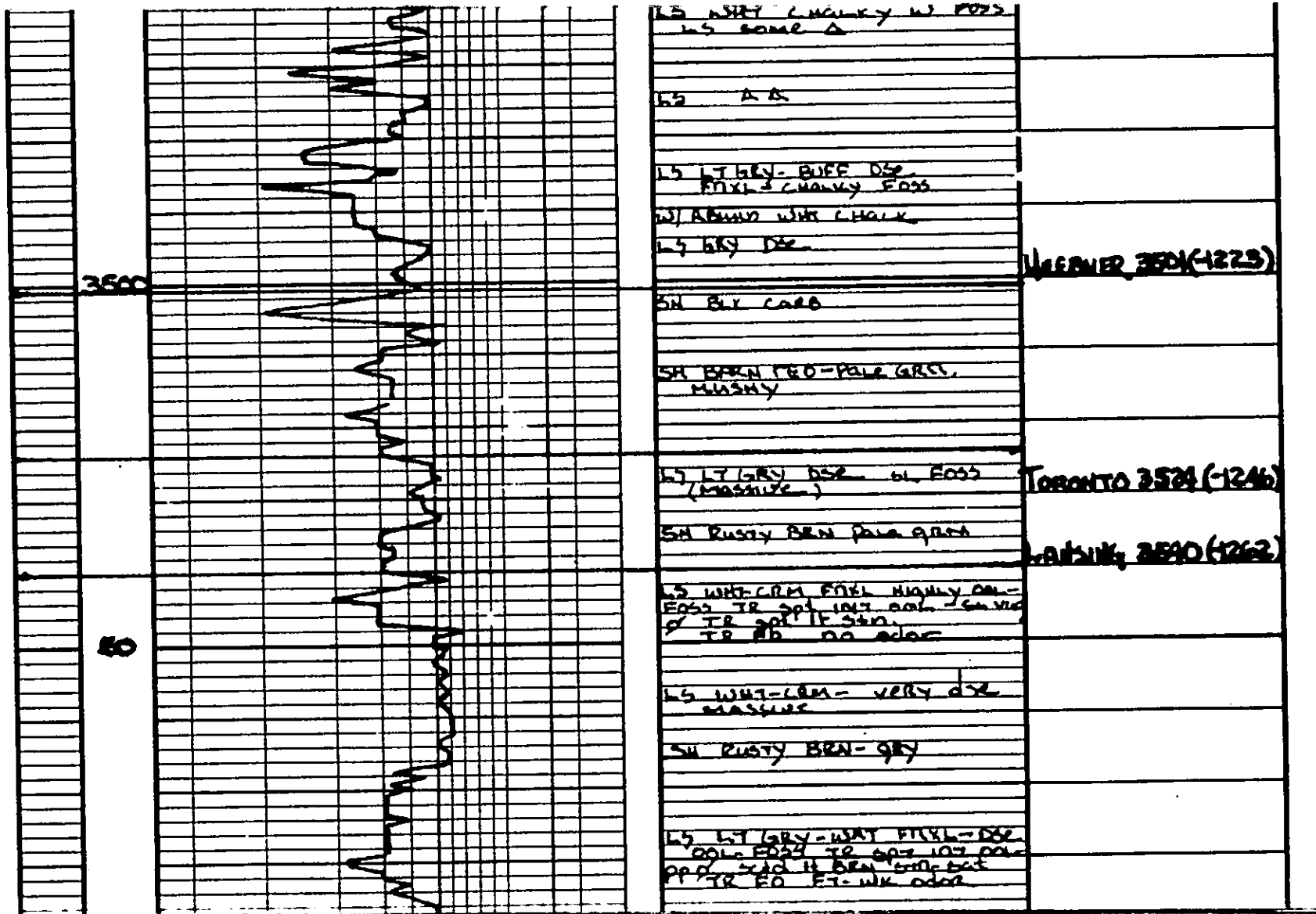
LOG 7702

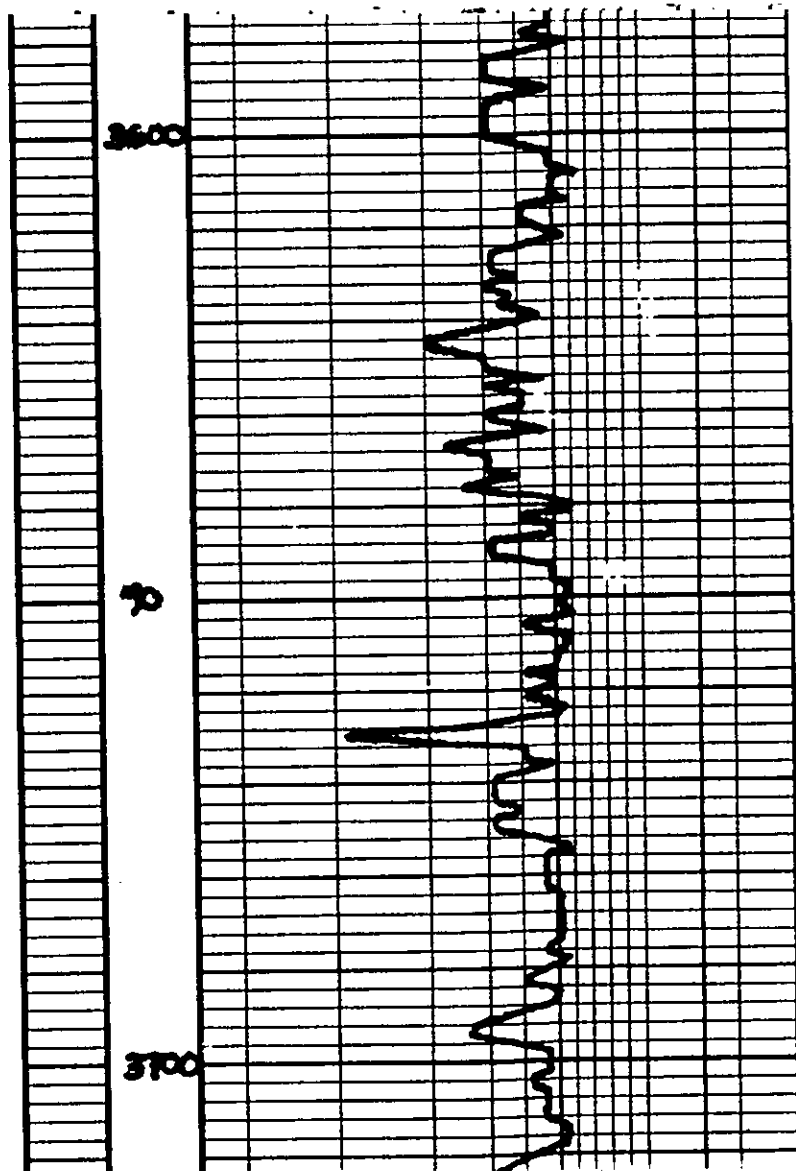
LEGEND										
	Anhydrite	Salt	Sandstone	Shale	Carb sh	Limestone	Ool. Lime	Chert	Dolomite	
LITHOLOGY										
DEPTH	3720									
DRILLING TIME (Logarithmic Scale)		SAMPLE DESCRIPTIONS		REMARKS						
	.5	1	2	3	4	5	10	15	20	30











SH RUSTY BRN - GRy

L5 LT GRy - BUFF DSE  
MASSIVE

L5 WHT FINE - DSE FOSS  
TR SPT BRN STA  
NEO OR ODOR

L5 WHT FINE - CHALKY  
FOSS - SL OOC  
N. porous dev spt ooc f<sup>o</sup>  
ND

L5 BUFF DSE TR BARRY  
FINE WHT A

A A

SH BLK CARB FISS

L5 LT GRy - BUFF VENTL  
DSE OR VIS O' TR SPT  
BRN STA  
NEO OR ODOR

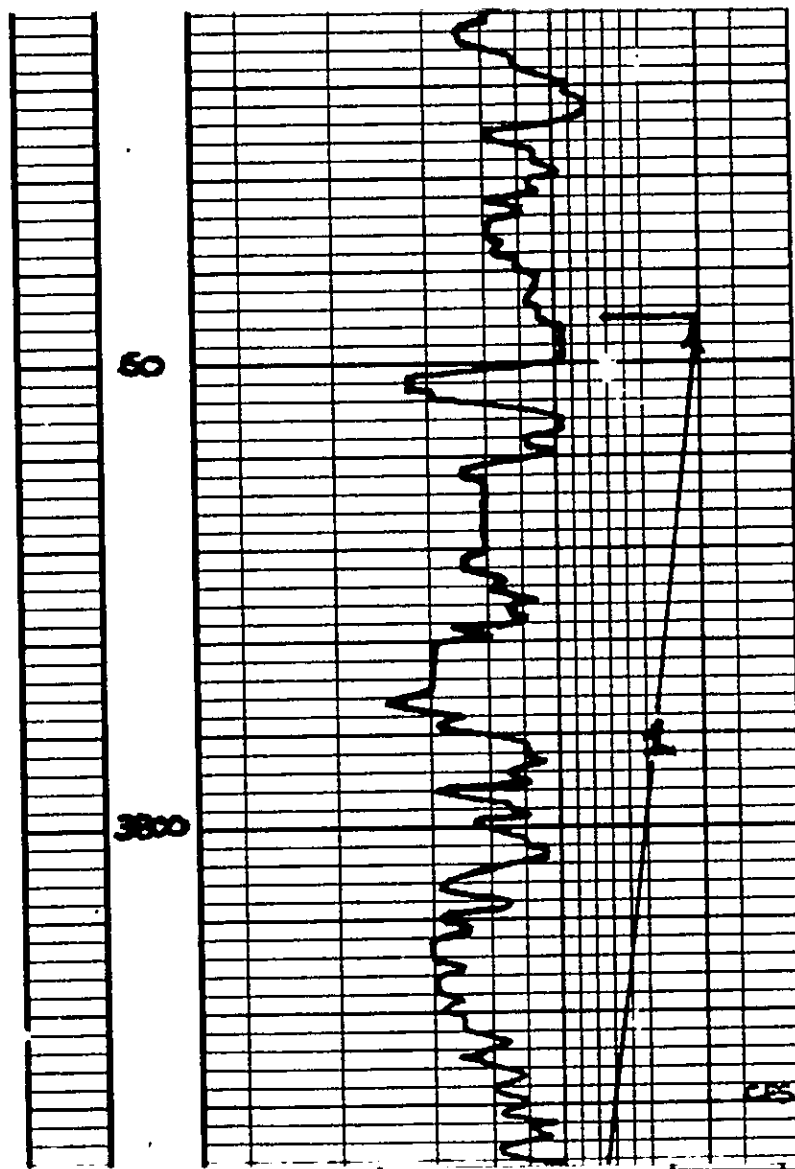
A A

SH GRy

L5 WHT - GRN FINE FOSS W/  
ABUND WAT CHALK

NS

SH BRN

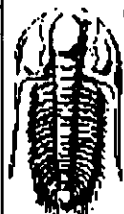


LS AA	
SH BLK CARB	
SH RUSTY BRN-MAR	
LS WHT VERM. PYRITIC TO v. poor pp. of calc. dk. GRN GRT-SL. PYRITIC FT odor	
SH BLK CARB	
LS GRY DSE FOSS	
Abund BRK RGD SH	DST. 13795-3895 30.30.47.47
Same AA	IF 9"
Via 3T poor samples	FF 8"
SHUT DOWN - MIX MUD	REC 124' LIP
LS DIRTY GRY-CRM EQ XL Dse w/ some SS pebbles	62' 104' 6CM 100% G 85% O 85% M
	124' MGD 104% G 68% O 25% M
	145' CO 25% G 40% M
	SIP 1005-1005#
	FP (26-69)(TS-125)
	HSH (1780-1780)
	BHT 108°
Δ VC. IN MATRIX BLOOD RED SH	
Δ AA VERY SHARP	
INT BU-GRN WAXY SH	CHART PROFILE
SH BLU-GRN WAXY	









**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Prospect Oil & Gas Corp

**De Young C#2**

PO Box 837  
Russell, KS 67665-0837

**11-10s-21w Graham,KS**

Job Ticket: 43443      **DST#: 1**

ATTN: Brad Hutchinson

Test Start: 2011.08.10 @ 19:20:25

### Tool Information

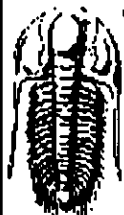
Drill Pipe:	Length: 3736.00 ft	Diameter: 3.80 inches	Volume: 52.41 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 52.41 bbl</u>	Tool Chased 4.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3745.00 ft			Final 47000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	100.00 ft			
Tool Length:	121.00 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			3725.00	
Shut In Tool	5.00			3730.00	
Hydraulic tool	5.00			3735.00	
Packer	5.00			3740.00	21.00      Bottom Of Top Packer
Packer	5.00			3745.00	
Stubb	1.00			3746.00	
Perforations	4.00			3750.00	
Recorder	0.00	6625	Inside	3750.00	
Recorder	0.00	8700	Outside	3750.00	
Blank Spacing	64.00			3814.00	
Perforations	28.00			3842.00	
Bullnose	3.00			3845.00	100.00      Bottom Packers & Anchor

**Total Tool Length: 121.00**





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Prospect Oil & Gas Corp

**De Young C#2**

PO Box 837  
Russell, KS 67665-0837

**11-10s-21w Graham,KS**

Job Ticket: 43443      **DST#: 1**

ATTN: Brad Hutchinson

Test Start: 2011.08.10 @ 19:20:25

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

25 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.55 cm<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2600.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	124'GP	0.000
65.00	CO	0.912
124.00	MGO 10%G25%M65%O	1.739
62.00	HO&GCM 10%G35%O55%M	0.870

Total Length: 251.00 ft

Total Volume: 3.521 bbl

Num Fluid Samples: 0

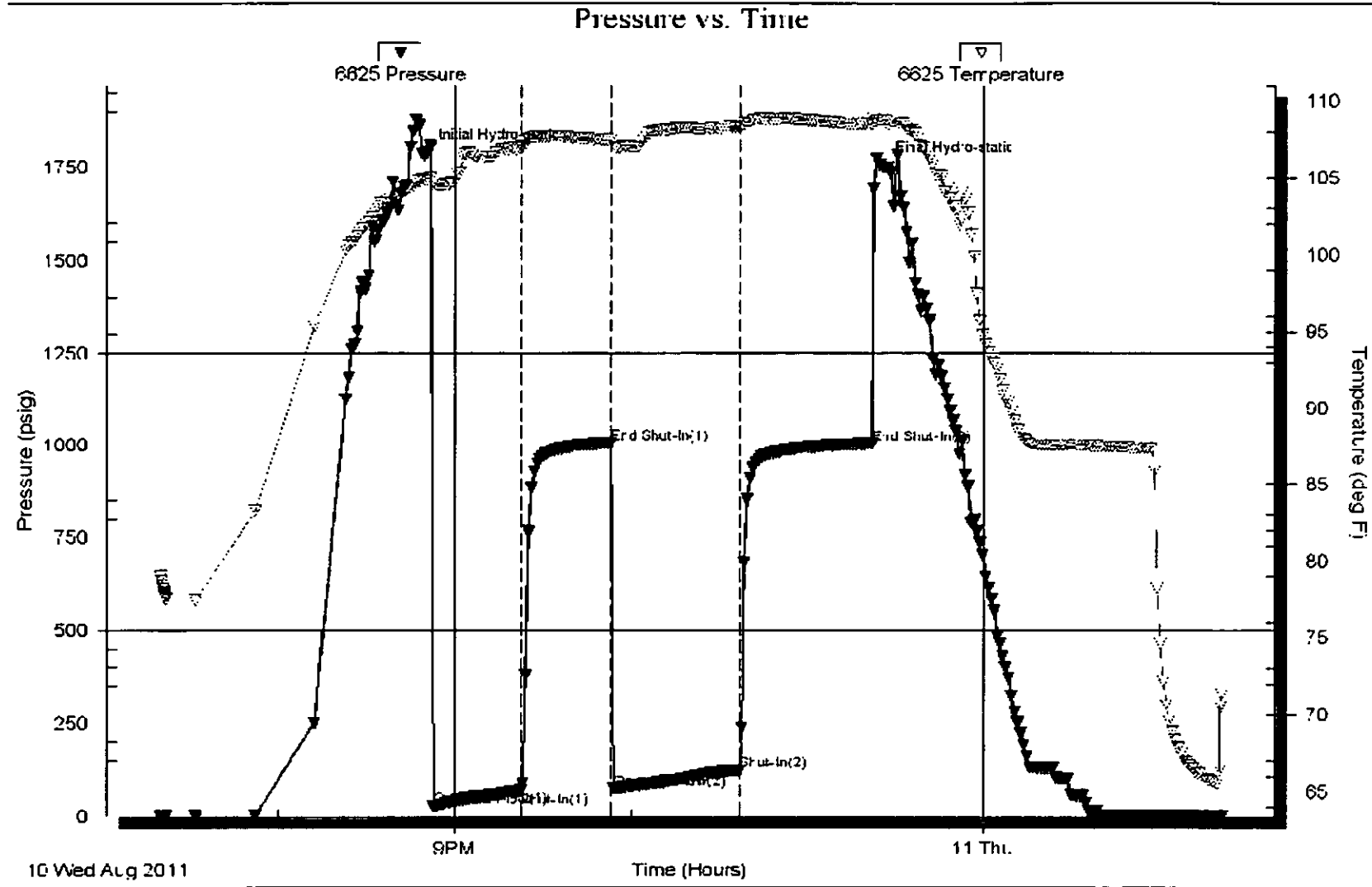
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



Serial # 87(X)

Outside Prospect Oil & Gas Corp

11-10s-21w Graham,KS

DST Test Number: 1

