



KANSAS CORPORATION COMMISSION 1096196
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 # 31203
Name: McQuade, Owen dba Owen's Pumping Service
Address 1: 640 E SUNSET AVE
Address 2: _____
City: RUSSELL State: KS Zip: 67665 + 3128
Contact Person: Owen McQuade
Phone: (785) 483-6321
CONTRACTOR: License # 33350
Name: Southwind Drilling, Inc.
Wellsite Geologist: Kitt Noah
Purchaser: Coffeyville Resources

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 #: _____
4/11/2012 4/17/2012 5/2/2012
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-053-21275-00-00
Spot Description: _____
S2_NE_SW_SE Sec. 19 Twp. 15 S. R. 10 East West
710 Feet from North / South Line of Section
1650 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Ellsworth
Lease Name: Branda A Well #: 1
Field Name: un named
Producing Formation: Arbuckle
Elevation: Ground: 1765 Kelly Bushing: 1774
Total Depth: 3334 Plug Back Total Depth: 3290
Amount of Surface Pipe Set and Cemented at: 422 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: _____
feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 49000 ppm Fluid volume: 1000 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 Garriss Date: 10/16/2012



1096196

Operator Name: McQuade, Owen dba Owen's Pumping Service Lease Name: Branda A Well #: 1
 Sec. 19 Twp. 15 S. R. 10 East West County: Ellsworth

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 checked="" type="checkbox"/> Yes <input 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: <small>micro log compensated density neutron log dual induction log</small>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" 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>Kansas City</td> <td>2935</td> <td>-1161</td> </tr> <tr> <td>Arbuckle</td> <td>3282</td> <td>-1508</td> </tr> </table>	Name	Top	Datum	Kansas City	2935	-1161	Arbuckle	3282	-1508
Name	Top	Datum								
Kansas City	2935	-1161								
Arbuckle	3282	-1508								

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	23	432	common	225	3 % CC 2% gel
production	7.875	5.5	15.5	3327	common	160	10% salt 5% gusonite

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 <i>(Amount and Kind of Material Used)</i>	Depth
4			3284-87

TUBING RECORD: Size: <u>2.875</u> Set At: <u>3250</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>06/01/2012</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____	
Estimated Production Per 24 Hours	Oil Bbls. <u>2</u>	Gas Mcf <u>100</u>	Water Bbls. <u>35</u> Gas-Oil Ratio _____ Gravity _____

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 <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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QUALITY OILWELL CEMENTING, INC.

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

Home Office P.O. Box 32 Russell, KS 67663

No. 489

15-053-21275-0000

Date	Sec.	Twp.	Range	County	State	On Location	Finish
4-12-12	19	15	10	Ellsworth	Kansas		1:30PM
Lease	Blanda A		Well No.	1			
Contractor	Southwind Drilling Rig			Location	Wilson 75 3/8 Muds		
Type Job	Surface			Owner	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.	435				
Csg.	88 23A	Depth	432				
Tbg. Size		Depth					
Tool		Depth					
Cement Left in Csg.	10-15	Shoe Joint	202-BL/AUC				
Meas Line		Displace	Cement Amount Ordered 225 Common Cell 23A				
EQUIPMENT							
Pumptrk	15	No.	Cement Helper	Steve			
Bulktrk	10	No.	Driver	Paul			
Bulktrk		No.	Driver	Lynn			
JOB SERVICES & REMARKS							
Remarks:				Common	225		
Rat Hole				Poz. Mix			
Mouse Hole				Gel.	5		
Centralizers				Calcium	8		
Baskets				Hulls			
DV or Port Collar				Salt			
				Flowseal			
				Kol-Seal			
				Mud CLR 48			
				CFL-117 or CD110 CAF 38			
				Sand			
				Handling	238		
				Mileage			
FLOAT EQUIPMENT							
				Guide Shoe			
				Centralizer			
				Baskets			
				AFU Inserts			
				Float Shoe			
				Latch Down			
				SWAGE			
				Pumptrk Charge	Surface		
				Mileage	29		
QUALITY OILWELL CEMENTING							
Signature <i>[Handwritten Signature]</i>							Tax
							Discount
							Total Charge

QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025

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

No. 851

Cell 785-324-1041

15-053-21275-0000

Date	4-17-12	Sec.	19	Twp.	15	Range	10	County	ELLSWORTH KANSAS	State		On Location		Finish	1:45 pm
Lease	BRADNA A		Well No.	# 1		Location: WILSON TMS STOKRS - 3/4 mi E - N INTO									
Contractor	SOUTHWIND DRILLING RIG # 10							Owner: OWENS PUMPING SERVICE							
Type Job	PROD. STRING							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	7 7/8"		T.D.	3330'											
Csg.	5 1/2" 15 1/2" NEW		Depth	3327'											
Tbg. Size			Depth												
Tool			Depth												
Cement Left in Csg.			Shoe Joint	21.660											
Meas Line			Displace	79 BLS											
				Cement Amount Ordered 1160 com 10% SALT 5% GUSONAC											

EQUIPMENT

Pumptrk #15	No.	Cementer	PAUL	Common	160
Bulktrk #10	No.	Driver	LOUNEE	Poz. Mix	
Bulktrk P/U	No.	Driver	CISCO	Gel.	

JOB SERVICES & REMARKS

Remarks:	Hulls
Rat Hole 30 SKS	Salt 14
Mouse Hole	Flowseal.
Centralizers 1, 2, 5, 8	Kol-Seal 800#
Baskets 1, 2	Mud CLR 48 500 GALLONS
D/V or Port Collar	CFL-117 or CD110 CAF 38
	Sand

ESTABLISHED CIRCULATION
Circulation - 1 hr - DUMPED 500 GALLONS
MUD CLEAR 48 - PLUGGED RAT & MOUSE
HOLE, CEMENTED CASING, DISPLACED
DROPPED PLUG & DISPLACED, PLUG
LANDED & HELD.

Handling	174
Mileage	
FLOAT EQUIPMENT	
Guide Shoe	
Centralizer	5-5 1/2" TURBOS
Baskets	2-5 1/2" BASKETS
AFU Inserts	
Float Shoe	1-5 1/2" W/PLUG
Latch Down	1-5 1/2" WITH PLUG 1-5 1/2" LIMIT CLAMP

THANK YOU!

Cementing

Pumptrk Charge	prod long string
Mileage	29

Signature <i>Owen Michael</i>	Tax
	Discount
	Total Charge

MAY 15 2012



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Owen's Pumping Service

19-15s-10w Ellsworth, KS

640 E Sunset Ave
Russell, KS 67665

Branda A 1

Job Ticket: 47482

DST#: 1

ATTN: Kitt Noah

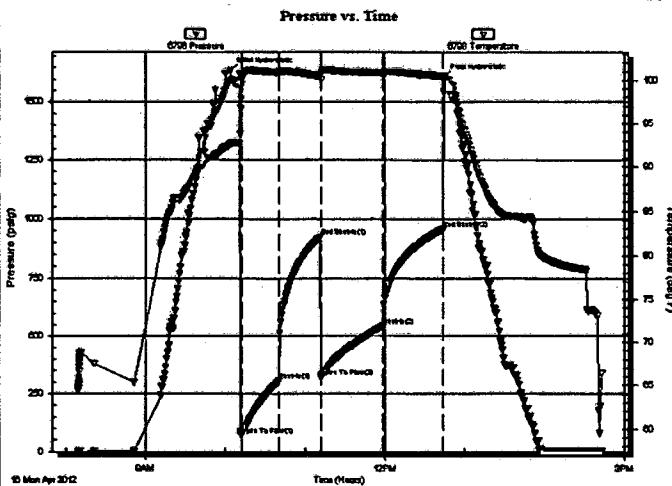
Test Start: 2012.04.16 @ 08:09:15

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 10:12:00
 Tester: Leal Cason
 Time Test Ended: 14:43:00
 Unit No: 45
 Interval: 3279.00 ft (KB) To 3290.00 ft (KB) (TVD)
 Reference Elevations: 1774.00 ft (KB)
 Total Depth: 3290.00 ft (KB) (TVD)
 1765.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good
 KB to GR/CF: 9.00 ft

Serial #: **6798** Inside
 Press@RunDepth: 544.54 psig @ 3280.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.04.16 End Date: 2012.04.16 Last Calib.: 2012.04.16
 Start Time: 08:09:16 End Time: 14:43:00 Time On Btm: 2012.04.16 @ 10:04:00
 Time Off Btm: 2012.04.16 @ 12:44:45

TEST COMMENT: IF: Strong Blow, BOB in 3 minutes
 IS: No Blow Back
 FF: Strong Blow, BOB in 3 minutes
 FS: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1636.03	92.59	Initial Hydro-static
8	72.23	96.74	Open To Flow (1)
37	305.29	100.91	Shut-In(1)
68	924.37	100.46	End Shut-In(1)
69	323.99	100.06	Open To Flow (2)
115	544.54	100.86	Shut-In(2)
160	957.95	100.51	End Shut-In(2)
161	1607.33	100.42	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
960.00	Water	13.47
120.00	MCW 40%M 60%W	1.68

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Owen's Pumping Service

19-15s-10w Ellsworth, KS

640 E Sunset Ave
Russell, KS 67665

Branda A 1

Job Ticket: 47482

DST#: 1

ATTN: Kitt Noah

Test Start: 2012.04.16 @ 08:09:15

Tool Information

Drill Pipe:	Length: 3292.00 ft	Diameter: 3.80 inches	Volume: 46.18 bbl	Tool Weight: 2100.00 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: 50000.00 lb
			<u>Total Volume: 46.18 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3279.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	11.00 ft			
Tool Length:	31.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3264.00	
Hydraulic tool	5.00			3269.00	
Packer	5.00			3274.00	20.00 Bottom Of Top Packer
Packer	5.00			3279.00	
Stubb	1.00			3280.00	
Recorder	0.00	6798	Inside	3280.00	
Recorder	0.00	8367	Outside	3280.00	
Perforations	7.00			3287.00	
Bullnose	3.00			3290.00	11.00 Bottom Packers & Anchor
Total Tool Length:	31.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Owen's Pumping Service

19-15s-10w Ellsworth,KS

640 E Sunset Ave
Russell, KS 67665

Branda A 1

Job Ticket: 47482

DST#: 1

ATTN: Kitt Noah

Test Start: 2012.04.16 @ 08:09:15

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:

40000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
960.00	Water	13.466
120.00	MCW 40%M 60%W	1.683

Total Length: 1080.00 ft Total Volume: 15.149 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

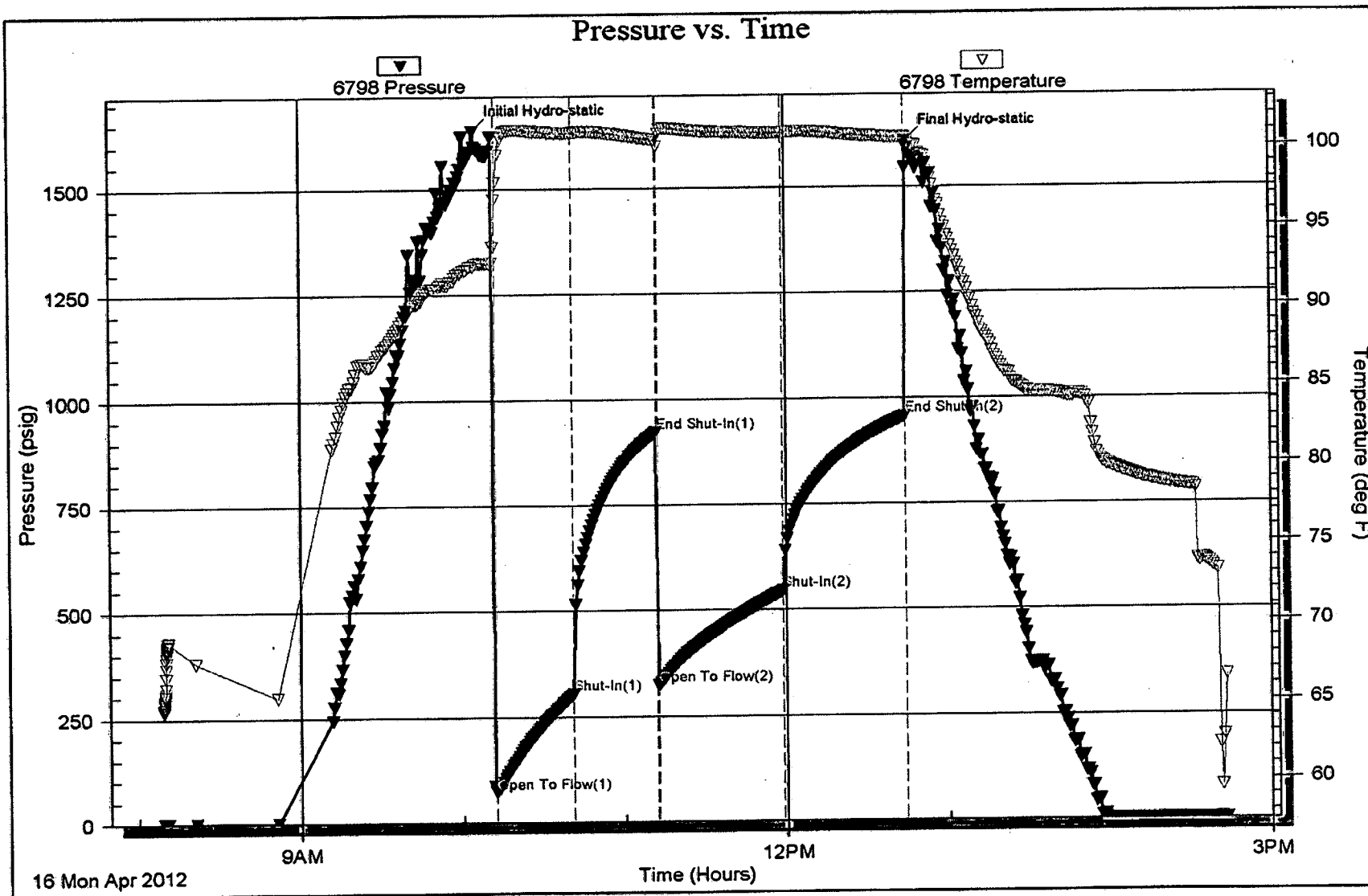
Recovery Comments: RW was .17 @ 75 degrees

Serial #: 6798

Inside Owen's Pumping Service

Branda A 1

DST Test Number: 1





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED

APR 17 2012

Test Ticket

NO. 47482

Well Name & No. Branda A-1 Test No. 1 Date 04/16/12
 Company Owen's Pumping Service Elevation 1774 KB 1765 GL
 Address 640 E Sunset Ave Russell, KS 67665
 Co. Rep / Geo. Kitt Noah Rig Southwind 6
 Location: Sec. 19 Twp. 15S Rge. 10W Co. Ellsworth State KS

Interval Tested 3279 - 3290 Zone Tested Arbuckle
 Anchor Length 11 Drill Pipe Run 3292 Mud Wt. 9.1
 Top Packer Depth 3274 Drill Collars Run 0 Vis 52
 Bottom Packer Depth 3279 Wt. Pipe Run 0 WL 2.2
 Total Depth 3290 Chlorides 2800 ppm System LCM 1/2

Blow Description IF: Strong Blow, 30B in 3 minutes
TST: NO Blow Back
FF: Strong Blow, 30B in 3 minutes
FST: NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>120</u>	<u>MCW</u>			<u>60%</u>	<u>40%</u>
<u>960</u>	<u>water</u>				

Rec Total 1080 BHT 100 Gravity N/C API RW .17 @ 75 °F Chlorides 40000 ppm

(A) Initial Hydrostatic 1136 Test 1150 T-On Location 08:45
 (B) First Initial Flow 72 Jars T-Started 08:09
 (C) First Final Flow 305 Safety Joint T-Open 10:12
 (D) Initial Shut-In 924 Circ Sub T-Pulled 12:44
 (E) Second Initial Flow 324 Hourly Standby T-Out 14:43
 (F) Second Final Flow 544 Mileage (170) 263.50 Comments _____
 (G) Final Shut-In 958 Sampler _____
 (H) Final Hydrostatic 1607 Straddle _____
 Shale Packer _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open 30 Ruined Shale Packer _____
 Initial Shut-In 30 Ruined Packer _____
 Final Flow 45 Extra Copies _____
 Final Shut-In 45 Sub Total 0
 Sub Total 1413.50 Total 1413.50
 MP/DST Disc't _____

Approved By Kitt Noah Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damaged or any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.