

Confidentiality Requested:

Yes No

# Kansas Corporation Commission Oil & Gas Conservation Division

1080789

Form ACO-1 August 2013 Form must be Typed Form must be Signed All blanks must be Filled

# WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15			
Name:	Spot Description:			
Address 1:	SecTwpS. R 🗌 East 🗌 West			
Address 2:	Feet from North / South Line of Section			
City: State: Zip:+	Feet from _ East / _ West Line of Section			
Contact Person:	Footages Calculated from Nearest Outside Section Corner:			
Phone: ()	□NE □NW □SE □SW			
CONTRACTOR: License #	GPS Location: Lat:, Long:			
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)  Datum: NAD27 NAD83 WGS84			
Wellsite Geologist:				
Purchaser:	County:			
Designate Type of Completion:	Lease Name: Well #:			
New Well Re-Entry Workover	Field Name:			
□ Oil □ WSW □ SHOW   □ 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:	Producing Formation:  Elevation: Ground: Kelly Bushing: Feet  Total Vertical Depth: Plug Back Total Depth: Feet  Multiple Stage Cementing Collar Used? Yes No  If yes, show depth set: Feet  If Alternate II completion, cement circulated from: sx cmt.			
Original Comp. Date: Original Total Depth:  Deepening Re-perf. Conv. to ENHR Conv. to SWD  Plug Back Conv. to GSW Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)			
□ Commingled         Permit #:	Chloride content: ppm Fluid volume: bbls  Dewatering method used:  Location of fluid disposal if hauled offsite:			
GSW Permit #:	Cuerter See Two S R Total West			
Spud Date or Date Reached TD Completion Date or Recompletion Date	QuarterSec.         TwpS. 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
Confidentiality Requested
Date:
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I II III Approved by: Date:

Page Two



Operator Name:				Lease N	Name: _			Well #:		
Sec Twp	S. R	East	West	County	:					
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in pres o surface test, along	sures, whethe with final cha	er shut-in pre art(s). Attach	essure reac n extra shee	hed stati t if more	c level, hydrosta space is neede	itic pressures, bot d.	tom hole temp	erature, fluid re	ecovery,
Final Radioactivity Lo files must be submitte						ogs must be ema	ailed to kcc-well-lo	gs@kcc.ks.go	v. Digital electr	ronic log
Drill Stem Tests Taker (Attach Additional		Yes	☐ No				on (Top), Depth ar		Sampl	
Samples Sent to Geo	logical Survey	Yes	□No		Nam	е		Тор	Datum	1
Cores Taken Electric Log Run		☐ Yes ☐ Yes	☐ No ☐ No							
List All E. Logs Run:										
				RECORD	Ne					
		1				ermediate, product		T	I	
Purpose of String	Size Hole Drilled		Casing n O.D.)	Weig Lbs. /		Setting Depth	Type of Cement	# Sacks Used	Type and Pe Additive	
			ADDITIONAL	CEMENTIN	NG / SQL	JEEZE RECORD				
Purpose:	Depth Top Bottom	Type of	Cement	# Sacks	Used		Type and F	ercent Additives		
Perforate Protect Casing										
Plug Back TD Plug Off Zone										
1 lug 011 20110										
Did you perform a hydrau	ulic fracturing treatment	on this well?				Yes	No (If No, ski	ip questions 2 ar	nd 3)	
Does the volume of the t							= :	p question 3)		
Was the hydraulic fractur	ring treatment information	on submitted to	the chemical	disclosure re	gistry?	Yes	No (If No, fill	out Page Three	of the ACO-1)	
Shots Per Foot		ION RECORD Footage of Eac					cture, Shot, Cement			epth
	open,					,,				
TUBING RECORD:	Size:	Set At:		Packer A	t:	Liner Run:				
							Yes No			
Date of First, Resumed	Production, SWD or Ef	NHR.   F	Producing Met	hod: Pumpin	a $\square$	Gas Lift 0	Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wat			Gas-Oil Ratio	Gra	avity
	1									
	ON OF GAS:		en Hole	METHOD OF			mmingled	PRODUCTION	ON INTERVAL:	ļ
Vented Solo	I Used on Lease bmit ACO-18.)		en noie _	Perf.	(Submit		mmingled mit ACO-4)			

# QUALITY OILWELL CEMENTING, INC. Federal Tax 1.D.# 20-2886107

Phone 785-483-2025

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

No. 302

Cell 785-324-1041	meg deso l	lle repusé mu	a fadiya	Hed, "OUSTE	sijdotes neski sedu	page sadatanony orang	D SWRBI -	
Sec	. Twp.	Range		County	State	On Location	Finish	
Date 3-21-12/	10	23	Lora	ham	K5	A PERMOTOLO A	1130pm	
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Contractor American Ea	ale#3	Highest is their man	utivan a	OWITE				
Type Job Surface	o noda	o ent la to 'Al	BHOTAL	To Quality Oilwell Cementing, Inc.  You are hereby requested to rent cementing equipment and furnish				
Hole Size 121/4	T.D.	236	2188 114	cementer and helper to assist owner or contractor to do work as listed.				
Csg. 898	Depth	234	naries to	Charge Vt	nture Kesau	res and	YEINHOTTA =	
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Mouse Hole	ucaro peronan Lapiapa bala n	oren erg oreg hon	Flowseal					
Centralizers			Kol-Seal					
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<<			K. Bange		Recorded By
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Hei			118	np. F	Max Rec. Temp.
re >			2 Hours	з Time	Operating Rig Time
>>>			.33 @ 118		Rm @ BHT
			Charts	- 1	Source of Rmf / Rmc
			96	s. Temp	Rmc @ Meas.
			9 E	Temp	3)(6
			Flowline 65 @ 60	mple Temp	Rm @ Meas Ter
			-	SS	pH / Fluid Loss
			9.2 53	osity	Density / Viscosity
			1,400	:   	Salinity, ppm Cl
			Chemical	Hole	Type Fluid in Hole
			7.875		Bit Size
			232	er	Casing Logger
			8.625 <b>@</b> 234		Casing Driller
			200	val	Top Log Interva
			3985	ed Interval	Bottom Logged Interval
			3986	,	Depth Logger
			3980		Depth Driller
			One		Run Number
			3/28/2012		Date
	K.B. 2405 D.F. 2400	Above Perm. Datum	Kelly Bushing 5 Ft. Kelly Bushing	-rom	Log Measured From Drilling Measured From
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		_	Windholz No. 1	Well V	-00
		irces, inc.	Venture Resources, Inc.	company v	
					API No.
			785) 625-3858		DIGITAL LOG
	on Log	Dual Induction Log		G-IECH	LUG
			1		

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

#### Comments

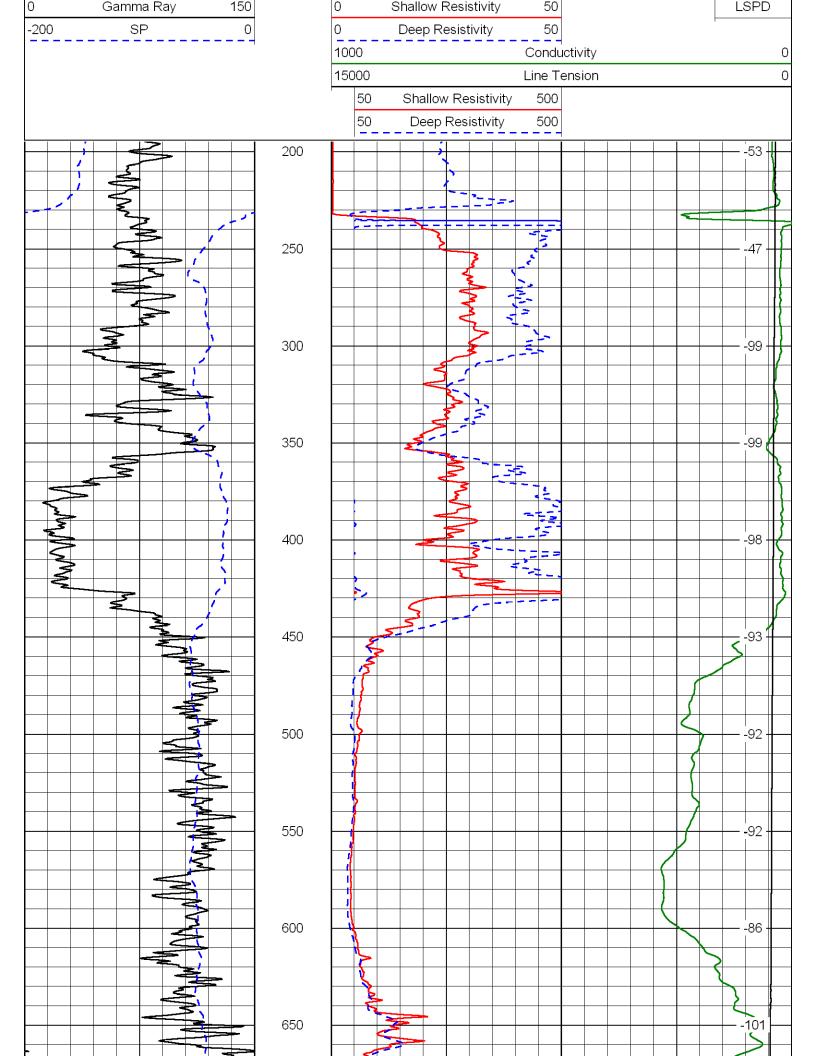
Thank you for using Log-Tech, Inc. (785) 625-3858

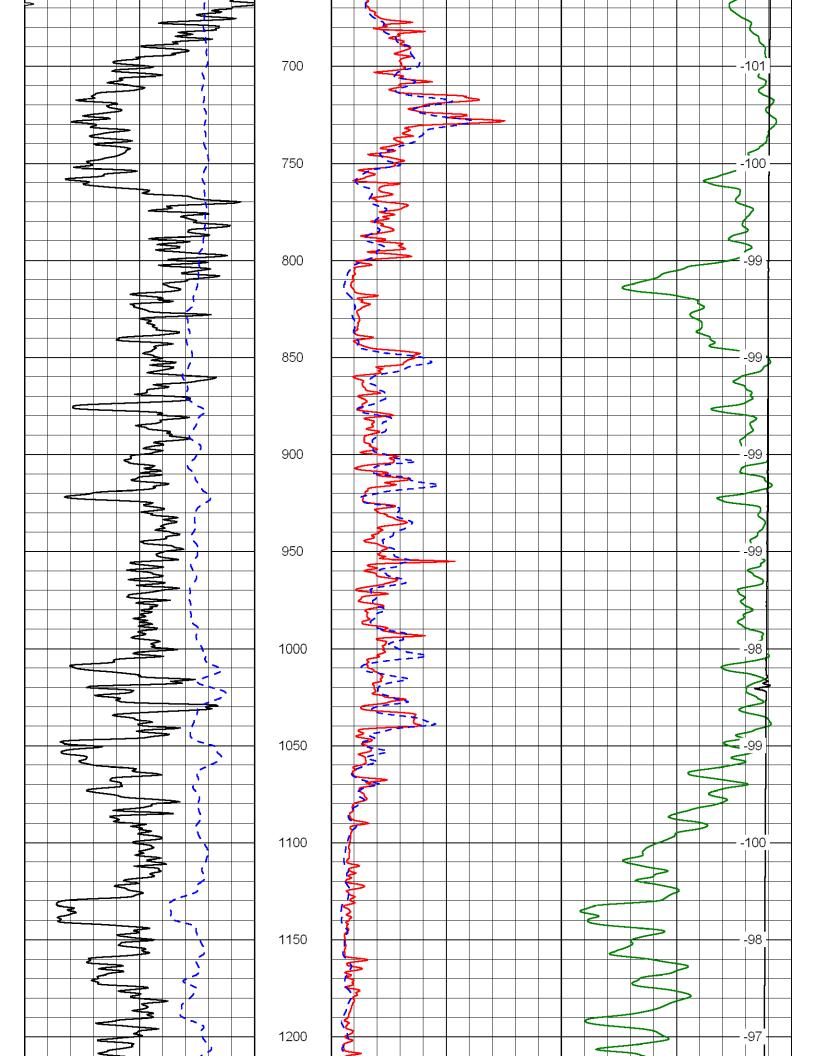
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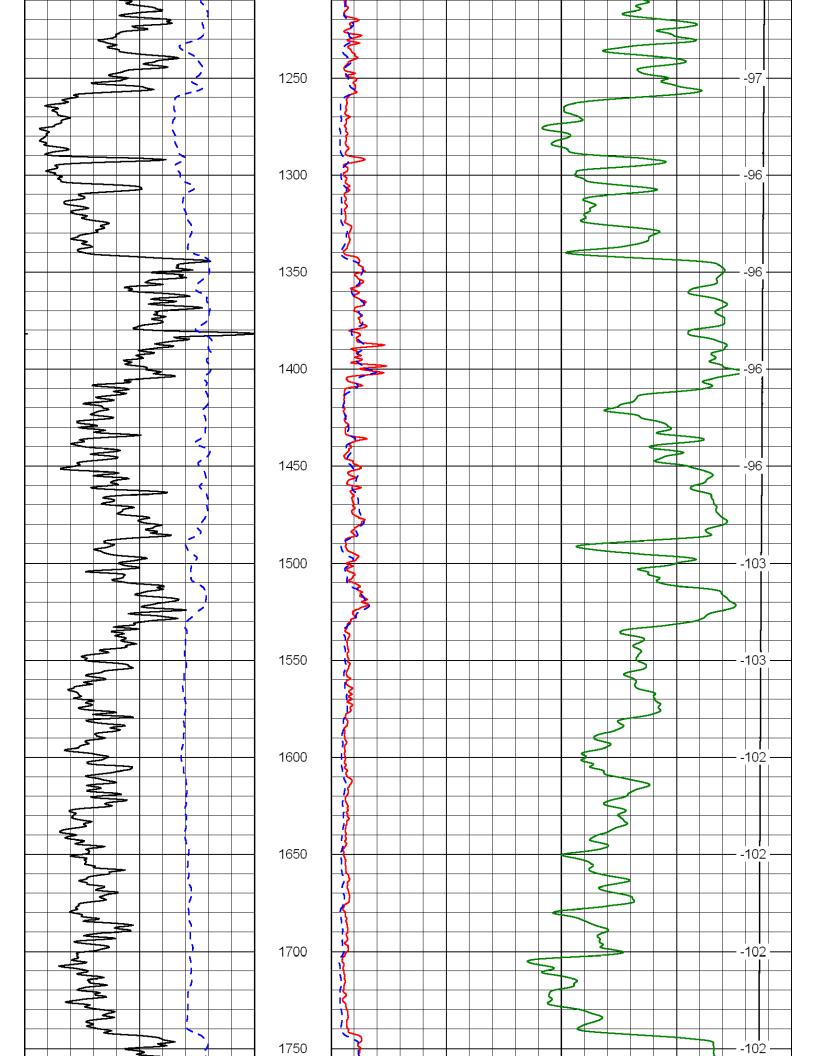
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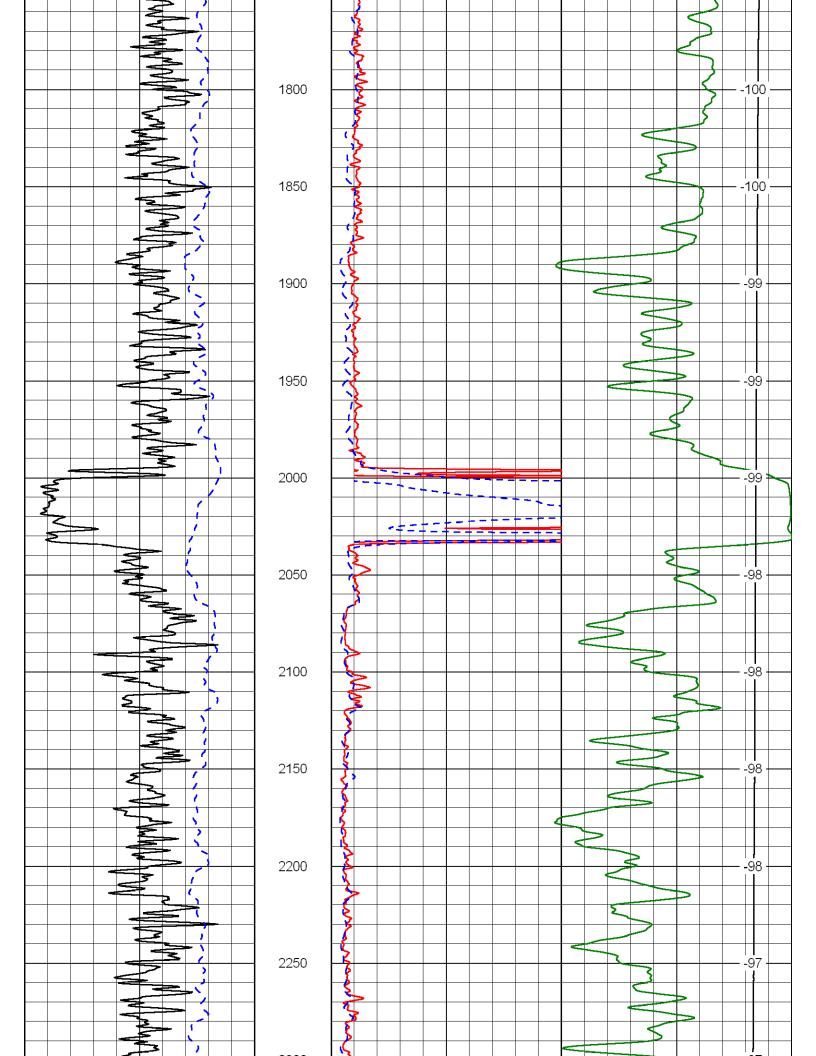
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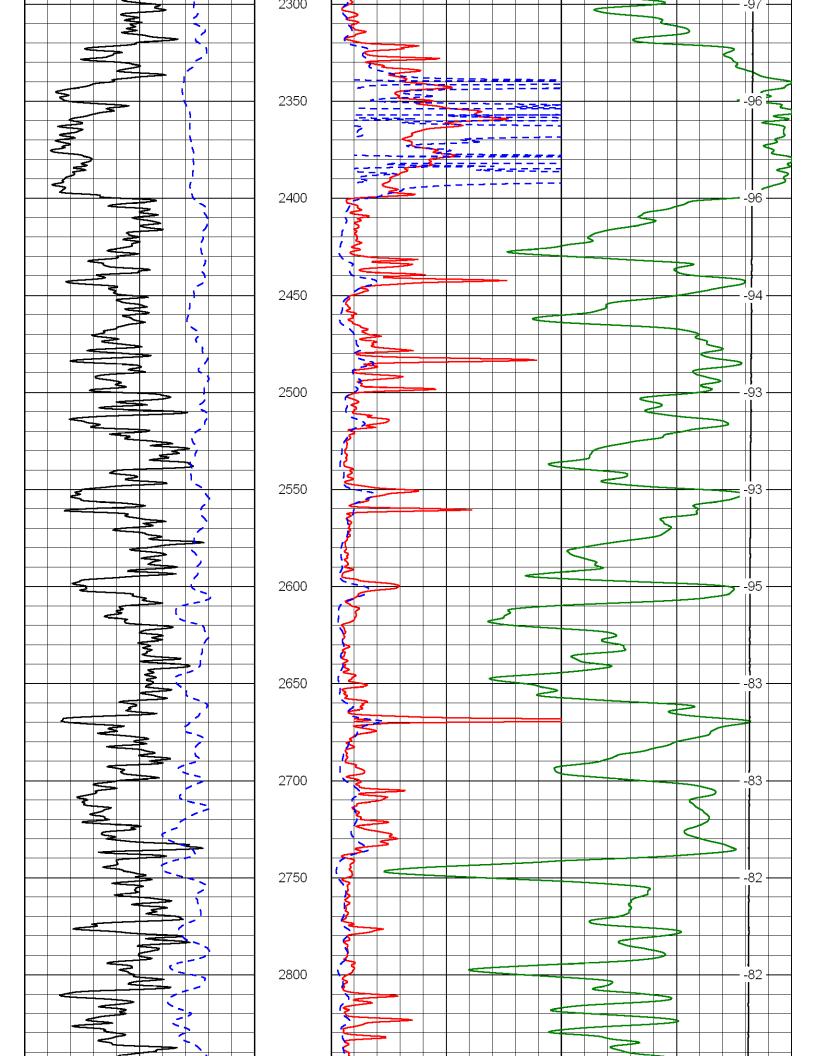
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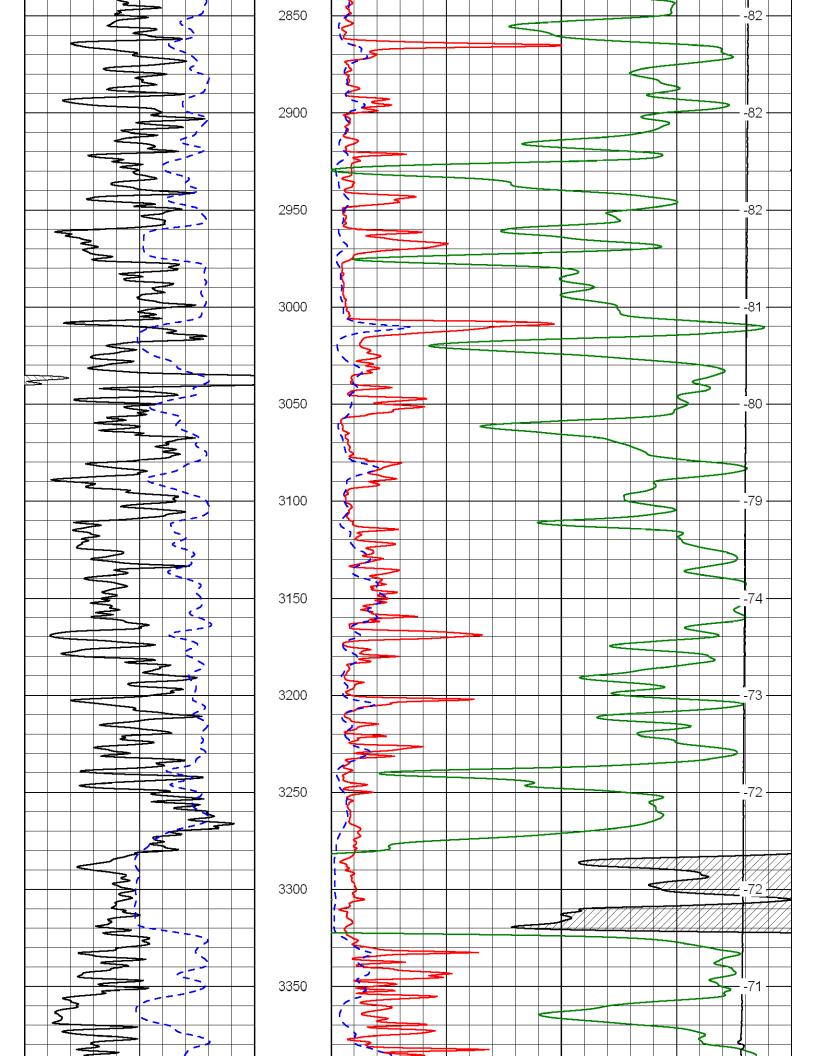


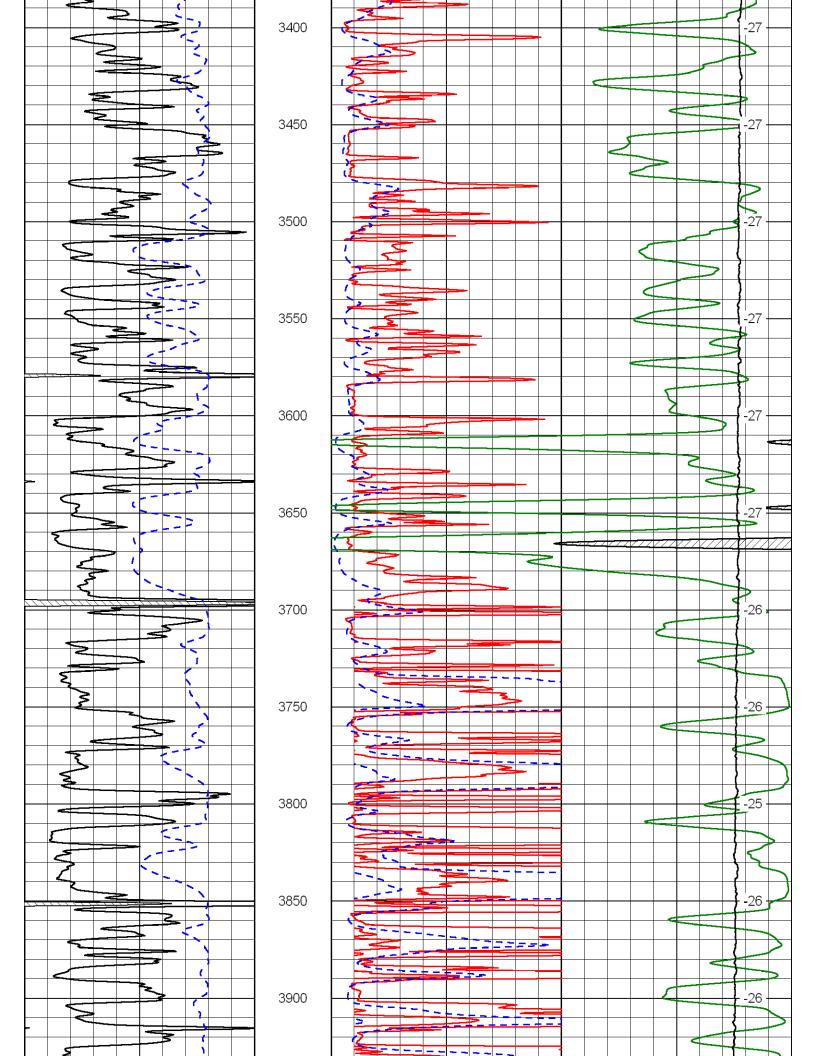


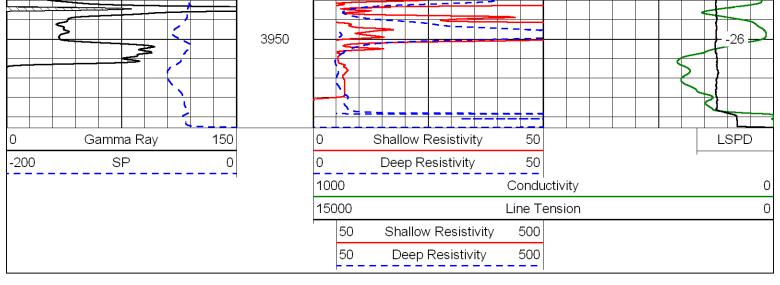


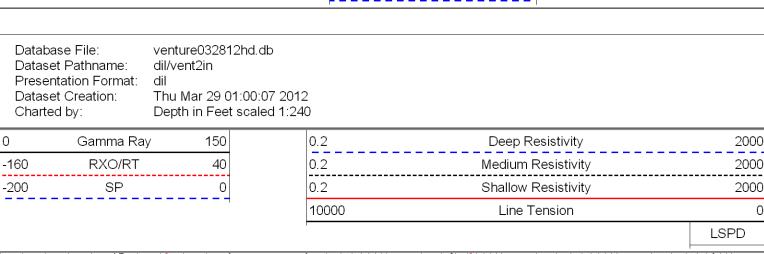


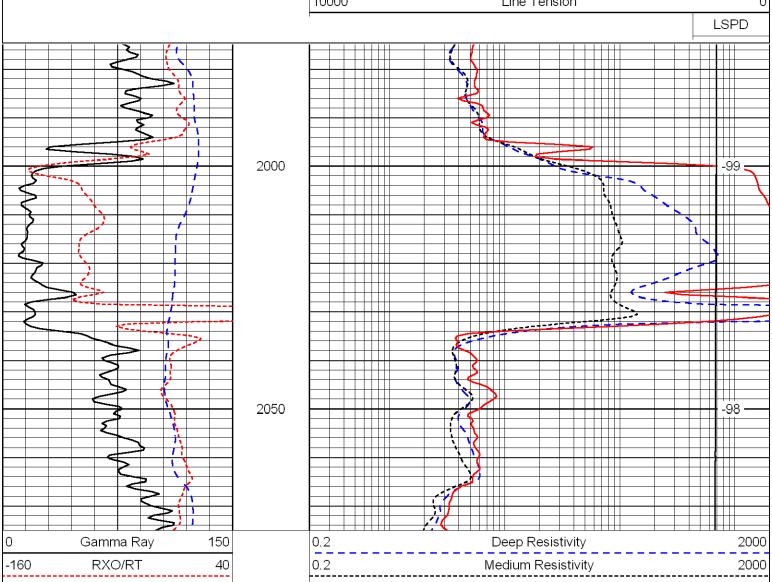




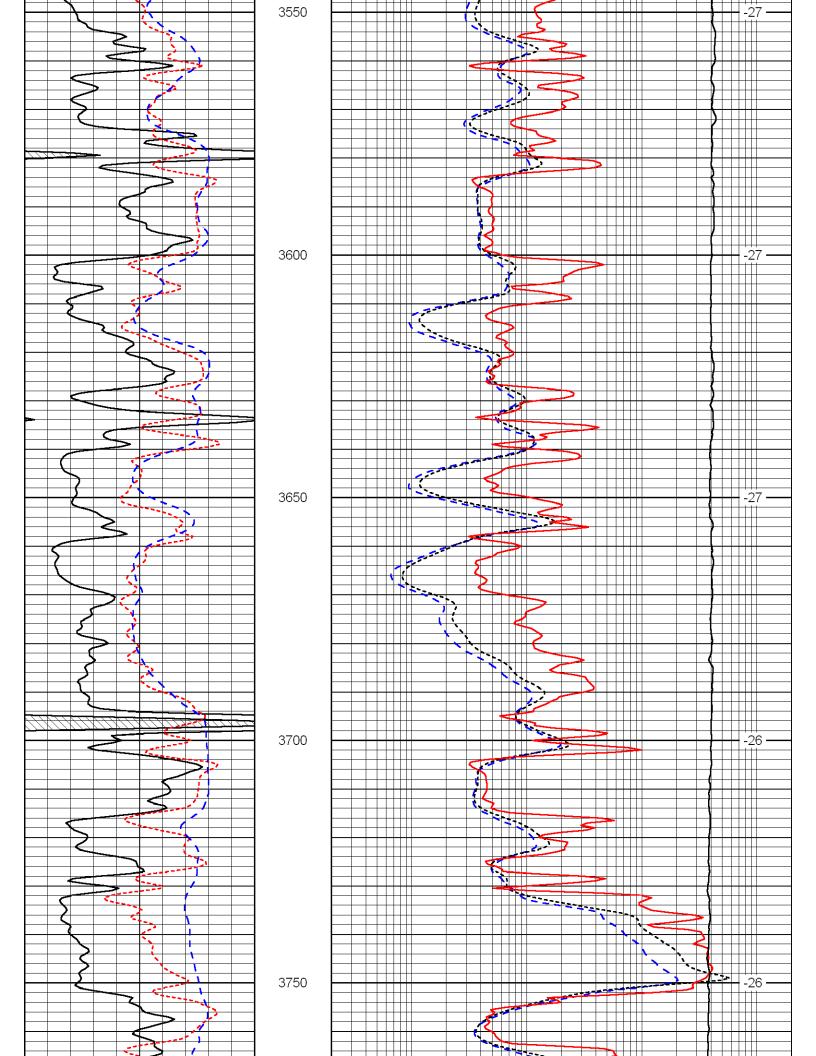


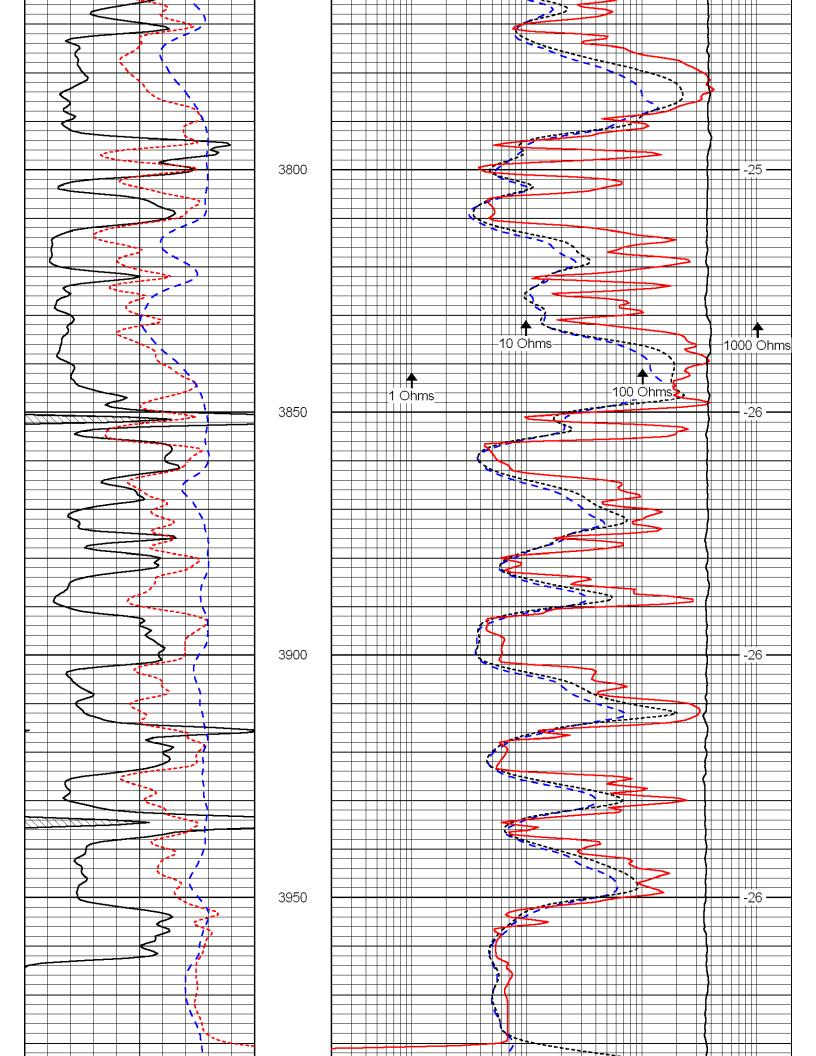




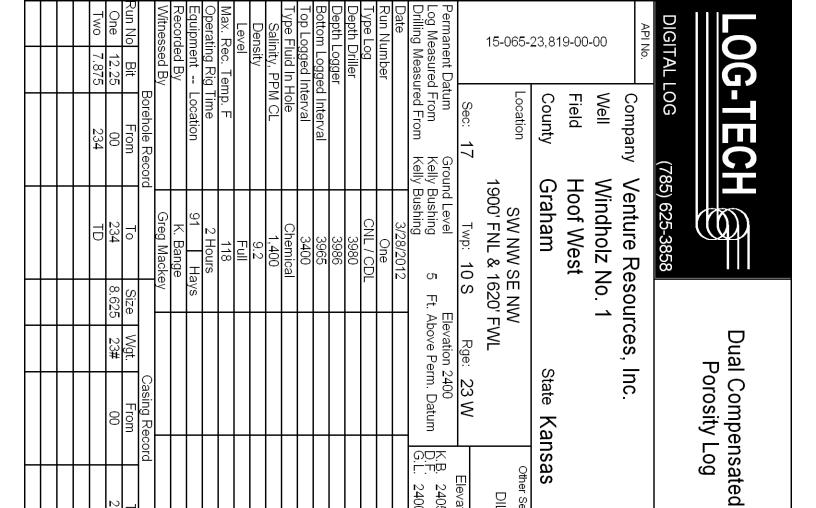


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Other Services

 $\Box$ 

Elevation 2405

#### Comments

Thank you for using Log-Tech, Inc. (785) 625-3858

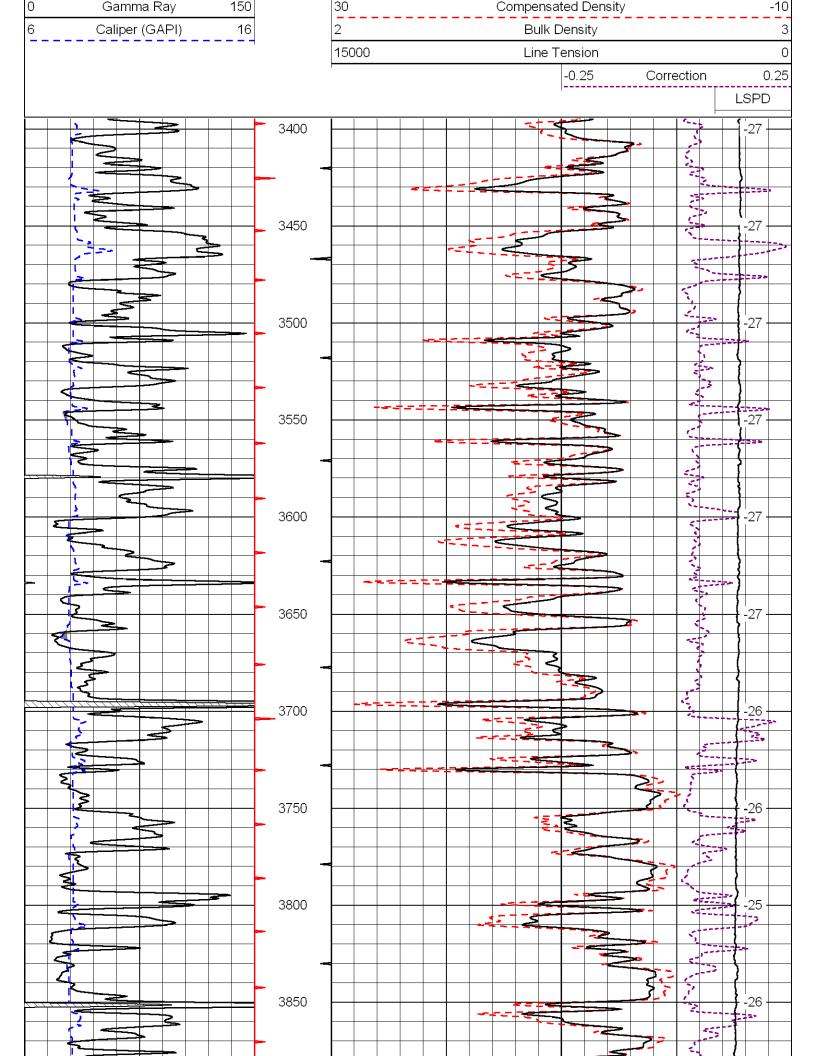
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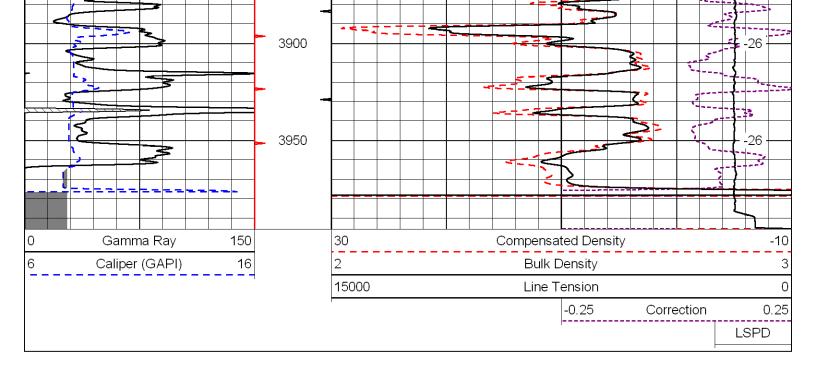
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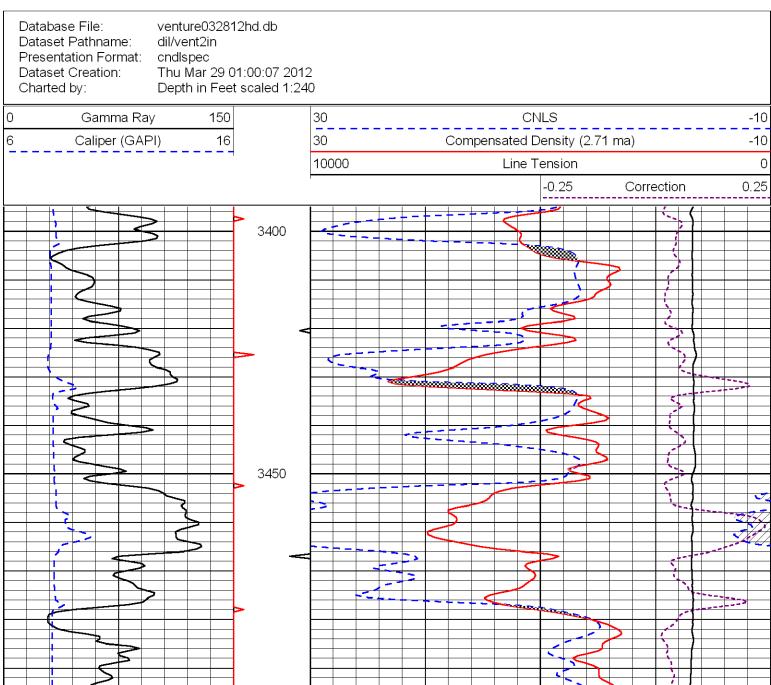
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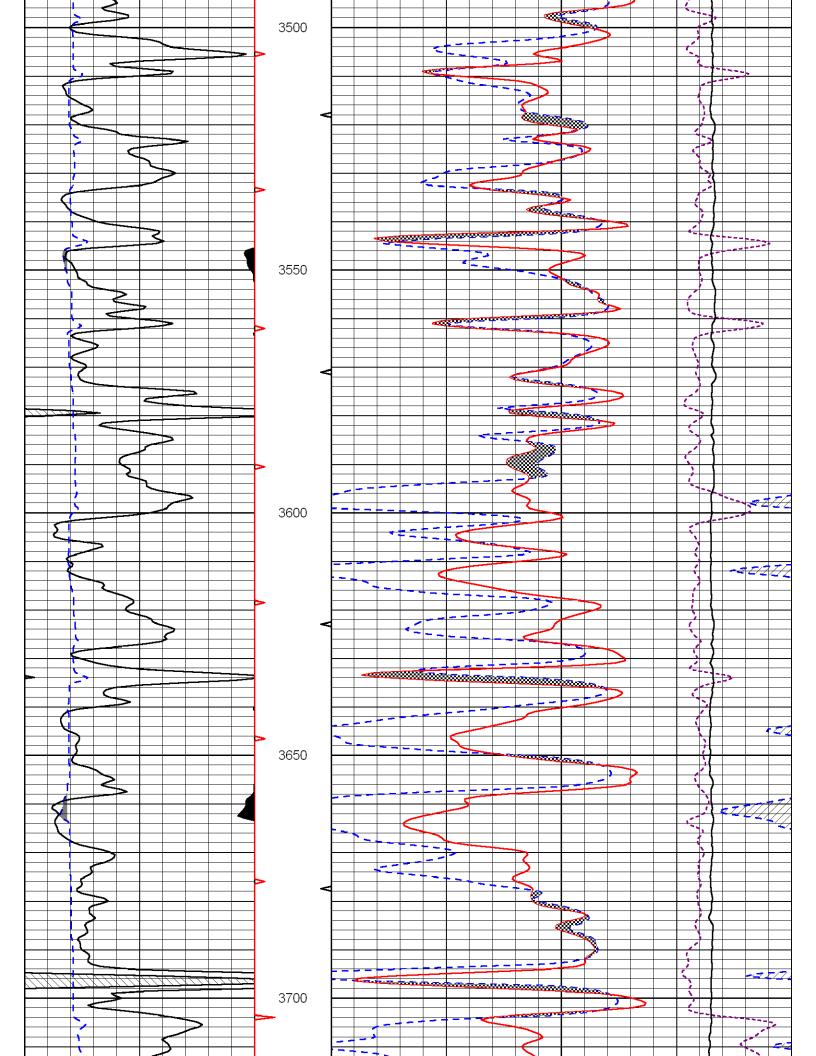
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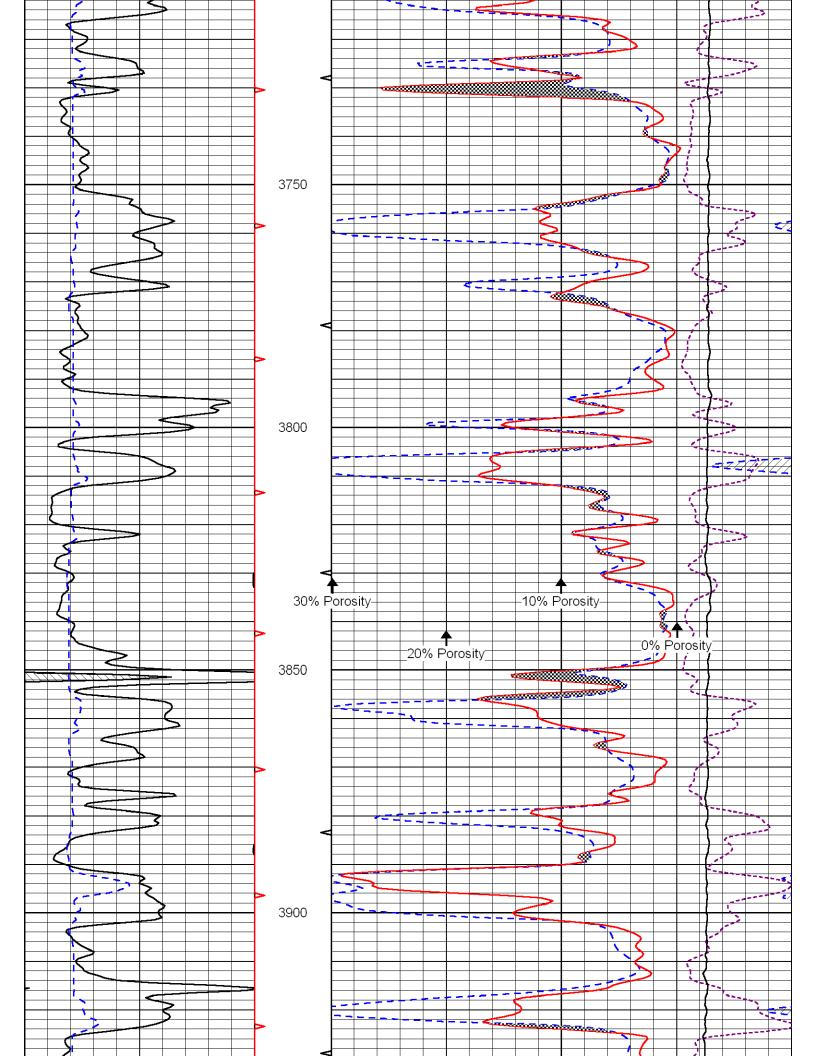
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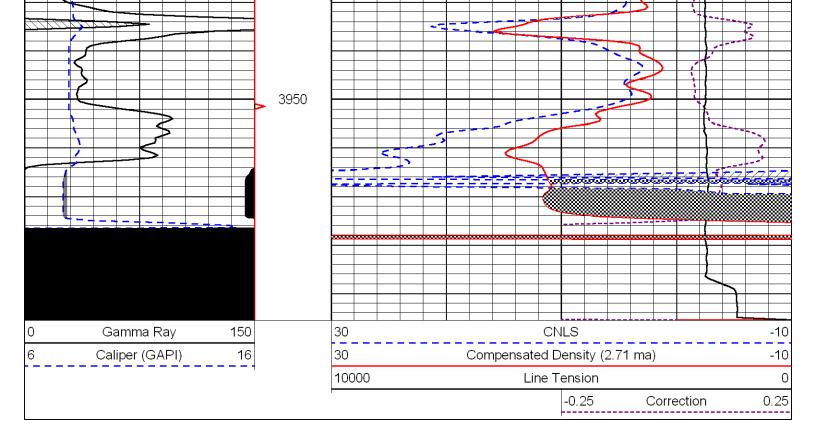














Venture Resocrces Inc

17-10s-23w

2255 Wadsworth ste 205

Windholz #1

Lakew ood Co 80227

Job Ticket: 44811 DST#: 1

ATTN: Greg Mackey

Test Start: 2012.03.26 @ 09:12:06

## GENERAL INFORMATION:

Formation: Tor-LKC-D

Deviated: Whipstock: Test Type: Conventional Bottom Hole (Initial) No ft (KB)

Time Tool Opened: 11:27:36 Tester: Jeff Brown Time Test Ended: 17:05:06 Unit No: 44

Interval: 3702.00 ft (KB) To 3776.00 ft (KB) (TVD)

Reference Elevations: 2405.00 ft (KB) Total Depth: 3776.00 ft (KB) (TVD)

2400.00 ft (CF)

7.88 inches Hole Condition: Good KB to GR/CF: Hole Diameter: 5.00 ft

Serial #: 8321 Inside

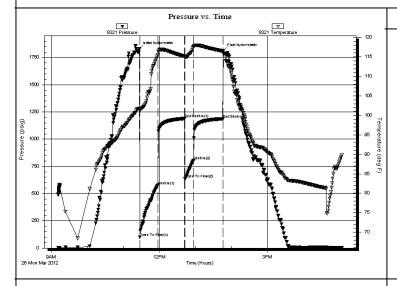
Press@RunDepth: 3707.00 ft (KB) 804.55 psig @ Capacity: 8000.00 psig

Start Date: 2012.03.26 End Date: 2012.03.26 Last Calib.: 2012.03.26 Start Time: 09:12:07 End Time: 17:04:06 Time On Btm: 2012.03.26 @ 11:27:06 Time Off Btm: 2012.03.26 @ 13:46:36

TEST COMMENT: IFP-Strong blow BOB in 1 3/4 min

ISI-Weak surface Built to 1/8 in Died out in 18 min

FFP-Strong blow BOB in 1 3/4 min FSI-Weak surface blow died out in 8 min



PRESSURE S	SUMMARY
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Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	1828.21	101.74	Initial Hydro-static
1	101.78	101.38	Open To Flow (1)
31	576.72	115.57	Shut-In(1)
75	1189.88	115.14	End Shut-In(1)
76	637.79	114.87	Open To Flow (2)
90	804.55	117.61	Shut-In(2)
139	1187.60	116.53	End Shut-In(2)
140	1811.88	115.80	Final Hydro-static

#### Recovery

Description	Volume (bbl)
Mud	0.21
WM 20%W 80%M	5.30
MW 15%M 85%W	17.67
	Mud WM 20%W 80%M

#### Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Trilobite Testing, Inc. Ref. No: 44811 Printed: 2012.03.27 @ 08:10:55



**FLUID SUMMARY** 

ppm

Venture Resocrces Inc

17-10s-23w

2255 Wadsw orth ste 205 Lakew ood Co 80227 Windholz #1

Job Ticket: 44811

DST#:1

ATTN: Greg Mackey

Test Start: 2012.03.26 @ 09:12:06

**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:

Viscosity: 61.00 sec/qt Cushion Volume: bbl

Water Loss: 6.20 in<sup>3</sup> Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 1200.00 ppm Filter Cake: inches

# **Recovery Information**

#### Recovery Table

Length ft	Description	Volume bbl
15.00	Mud	0.210
378.00	WM 20%W 80%M	5.302
1260.00	MW 15%M 85%W	17.674

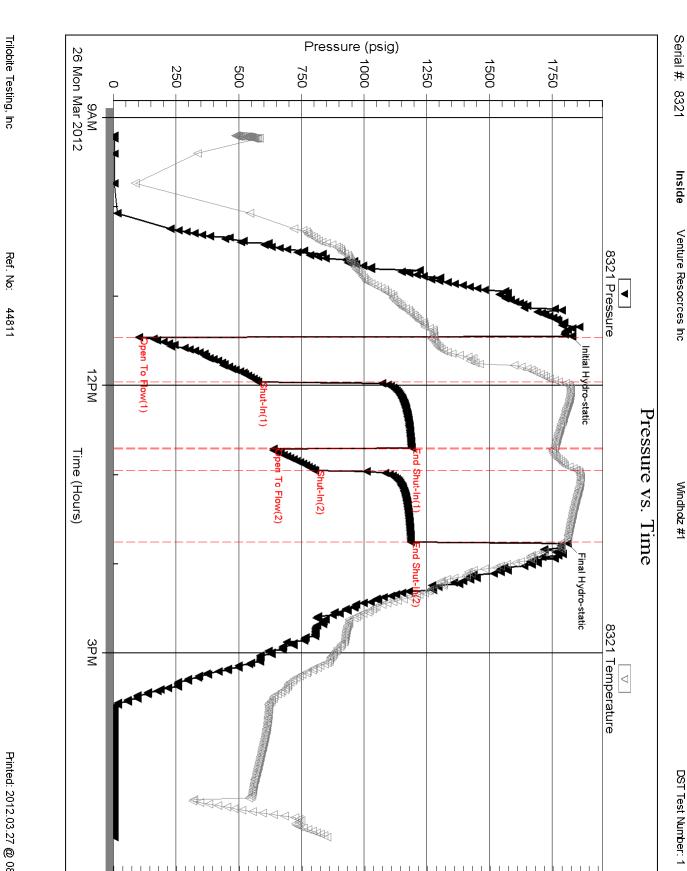
Total Length: 1653.00 ft Total Volume: 23.186 bbl

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

Laboratory Name: Laboratory Location: Recovery Comments: 2000 MI of total fluid 165 Psi

1900 MI Of water 100 MI of mud

Trilobite Testing, Inc Ref. No: 44811 Printed: 2012.03.27 @ 08:10:56



Temperature (deg F)

<u>1</u>05



Venture Resocrces Inc

17-10s-23w

2255 Wadsw orth ste 205

Windholz #1

Lakew ood Co 80227

Job Ticket: 44812 **DST#:2** 

ATTN: Greg Mackey

Test Start: 2012.03.27 @ 11:36:26

#### **GENERAL INFORMATION:**

Formation: LKC-H-I

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 13:17:56

Tester: Jeff Brown
Time Test Ended: 18:18:26

Unit No: 44

Interval: 3862.00 ft (KB) To 3890.00 ft (KB) (TVD) Reference Elevations: 2405.00 ft (KB)

Total Depth: 3890.00 ft (KB) (TVD) 2400.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

Serial #: 8321 Inside

Press @ RunDepth: 162.72 psig @ 3867.00 ft (KB) Capacity: 8000.00 psig

 Start Date:
 2012.03.27
 End Date:
 2012.03.27
 Last Calib.:
 2012.03.27

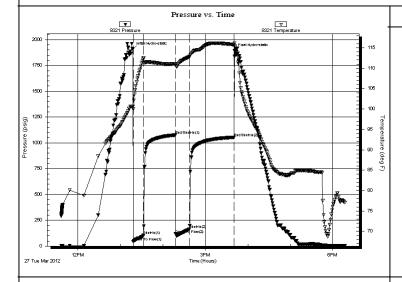
 Start Time:
 11:36:27
 End Time:
 18:17:26
 Time On Btm:
 2012.03.27 @ 13:17:26

 Time Off Btm:
 2012.03.27 @ 15:41:26

TEST COMMENT: IFP-Strong blow BOB in 2 1/2 min

ISI-Weak surface blow back built to 1/4 in

FFP-Strong blow BOB in 3 min FSI-Good blow back BOB in 12 1/2 min



	Pl	RESSUR	RE SUMMARY
Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	4000 50	400 55	latial I braha atatia

(Min.)	(psig)	(deg F)	
0	1906.52	100.55	Initial Hydro-static
1	43.04	99.97	Open To Flow (1)
15	107.35	112.47	Shut-In(1)
60	1074.97	111.05	End Shut-In(1)
61	117.61	110.69	Open To Flow (2)
80	162.72	112.84	Shut-In(2)
143	1053.11	115.76	End Shut-In(2)
144	1889.87	115.48	Final Hydro-static

#### Recovery

Length (ft)	Description	Volume (bbl)	
78.00	MCGO 20%G 15%M 65%O	1.09	
315.00	GMCO 55%G 5%M 40 %O	4.42	
0.00	1842 GIP	0.00	
* Recovery from multiple tests			

#### Gas Rates

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

Trilobite Testing, Inc Ref. No: 44812 Printed: 2012.03.28 @ 07:44:24



**FLUID SUMMARY** 

ppm

Venture Resocrces Inc

17-10s-23w

2255 Wadsw orth ste 205 Lakew ood Co 80227 Windholz #1

Job Ticket: 44812

DST#: 2

ATTN: Greg Mackey

Test Start: 2012.03.27 @ 11:36:26

Water Salinity:

#### **Mud and Cushion Information**

Mud Type: Gel Chem Cushion Type: Oil API: 40 deg API

Mud Weight: 9.00 lb/gal Cushion Length: ft
Viscosity: 43.00 sec/qt Cushion Volume: bbl

Water Loss: 6.19 in<sup>3</sup> Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 1500.00 ppm Filter Cake: inches

#### **Recovery Information**

# Recovery Table

Length ft	Description	Volume bbl
78.00	MCGO 20%G 15%M 65%O	1.094
315.00	GMCO 55%G 5%M 40 %O	4.419
0.00	1842 GIP	0.000

Total Length: 393.00 ft Total Volume: 5.513 bbl

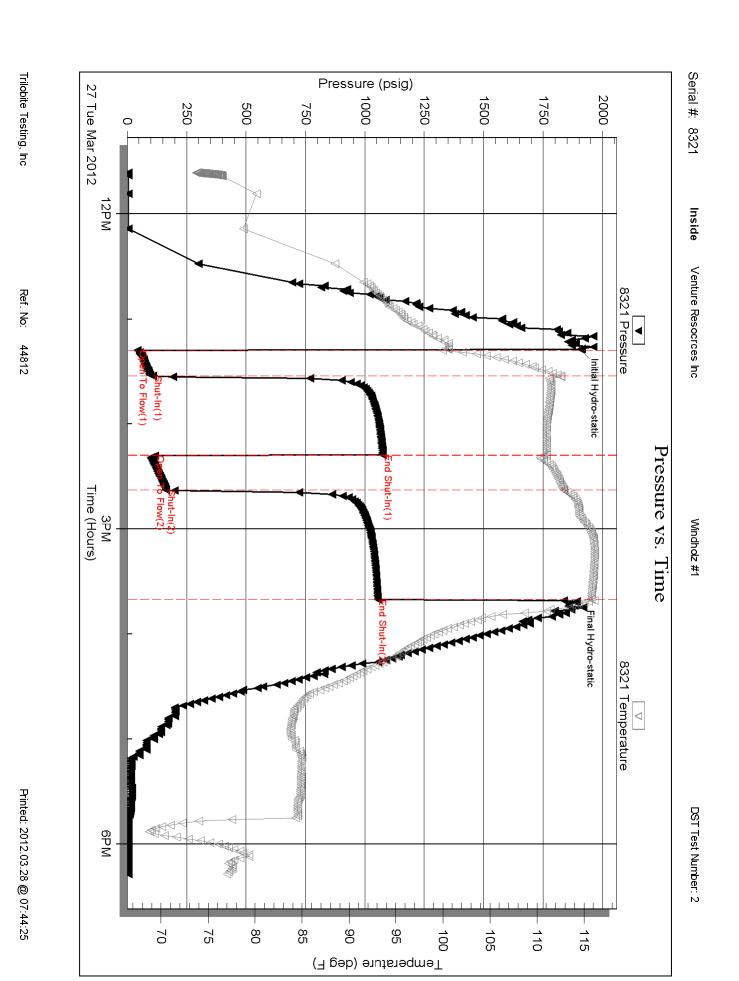
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: 3000 ML of fluid 520 PSI

2000 MI of oil 1000 MI of gas

Trilobite Testing, Inc Ref. No: 44812 Printed: 2012.03.28 @ 07:44:25





Venture Resocrces Inc

17-10s-23w

2255 Wadsworth ste 205 Lakew ood Co 80227

Windholz #1

Job Ticket: 44813

DST#: 3

ATTN: Greg Mackey

Test Start: 2012.03.28 @ 04:49:19

#### **GENERAL INFORMATION:**

Formation: LKC-J-K

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:13:49 Time Test Ended: 11:03:19

3892.00 ft (KB) To 3930.00 ft (KB) (TVD) Interval:

Total Depth: 3930.00 ft (KB) (TVD)

7.88 inches Hole Condition: Good Hole Diameter:

Test Type: Conventional Bottom Hole (Reset) Tester: Jeff Brown

Unit No: 44

Reference Elevations:

2405.00 ft (KB)

2400.00 ft (CF)

KB to GR/CF:

5.00 ft

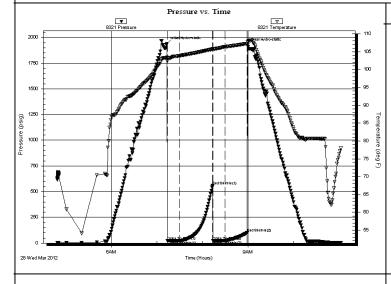
Serial #: 8321 Inside

Press@RunDepth: 3896.00 ft (KB) 22.80 psig @ Capacity: 8000.00 psig

Start Date: 2012.03.28 End Date: 2012.03.28 Last Calib.: 2012.03.28 Start Time: 04:49:20 End Time: 2012.03.28 @ 07:13:19 11:02:19 Time On Btm: 2012.03.28 @ 08:59:19 Time Off Btm:

TEST COMMENT: IFP-Weak blow built to 1 in

ISI-Dead no blow back FFP-Weak blow built to 1 in FSI-Dead no blow back



# PRESSURE SUMMARY

Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	1939.62	103.38	Initial Hydro-static
1	21.97	102.38	Open To Flow (1)
17	22.22	103.85	Shut-In(1)
60	557.30	105.71	End Shut-In(1)
61	24.26	105.62	Open To Flow (2)
77	22.80	106.36	Shut-In(2)
106	102.01	107.25	End Shut-In(2)
106	1923.12	107.75	Final Hydro-static

#### Recovery

Length (ft)	Description	Volume (bbl)	
5.00	HOCM 40%O60%M	0.07	
* Recovery from multiple tests			

#### Gas Rates

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

Trilobite Testing, Inc. Ref. No: 44813 Printed: 2012.03.28 @ 14:20:18



**FLUID SUMMARY** 

ppm

Venture Resocrces Inc

17-10s-23w

2255 Wadsw orth ste 205 Lakew ood Co 80227 Windholz #1

Job Ticket: 44813

DST#: 3

ATTN: Greg Mackey

Test Start: 2012.03.28 @ 04:49:19

Water Salinity:

**Mud and Cushion Information** 

Mud Type: Gel Chem Cushion Type: Oil API: deg API

Mud Weight:9.00 lb/galCushion Length:ftViscosity:43.00 sec/qtCushion Volume:bbl

Water Loss: 6.19 in<sup>3</sup> Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 1500.00 ppm Filter Cake: inches

# **Recovery Information**

## Recovery Table

Length ft	Description	Volume bbl
5.00	HOCM 40%O60%M	0.070

Total Length: 5.00 ft Total Volume: 0.070 bbl

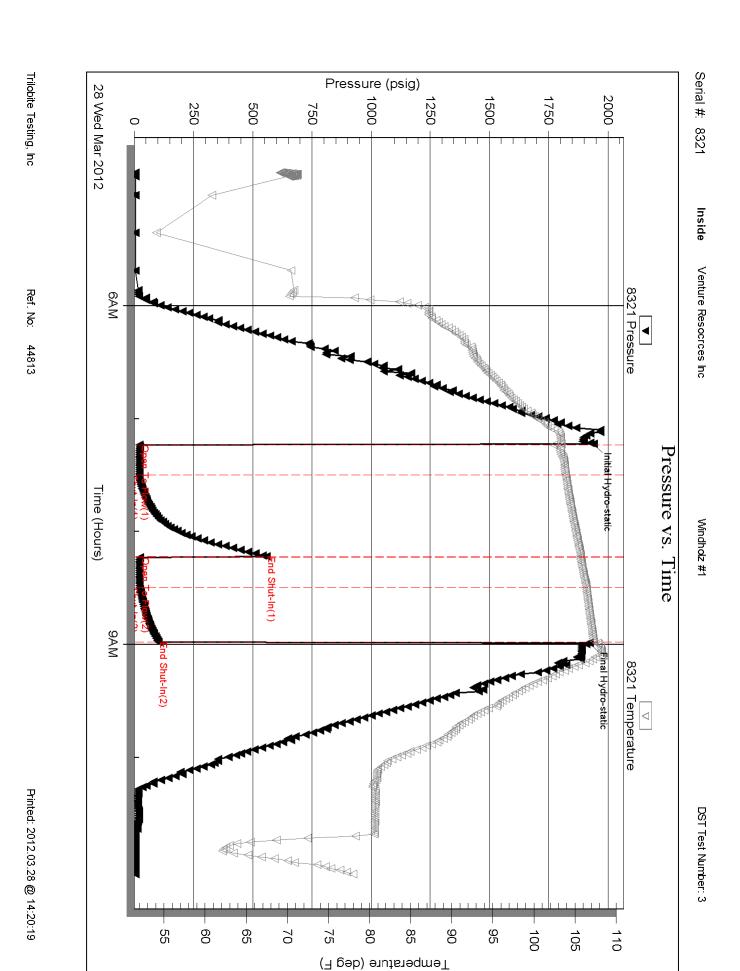
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: 800 ML of fluid 80 psi

300 ML of oil 500 ML of mud

Trilobite Testing, Inc Ref. No: 44813 Printed: 2012.03.28 @ 14:20:19



Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



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Sam Brownback, Governor

Mark Sievers, Chairman Ward Loyd, Commissioner Thomas E. Wright, Commissioner

May 09, 2012

Greg Mackey Venture Resources, Inc. 2255 S WADSWORTH, STE 205 LAKEWOOD, CO 80227

Re: ACO1 API 15-065-23819-00-00 Windholz 1 NW/4 Sec.17-10S-23W Graham County, Kansas

# **Dear Production Department:**

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully, Greg Mackey