Confidentiality Requested: Yes No

KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1189346

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:	
Address 2:	Feet from Dorth / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxx) (e.gxxx.xxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
☐ Oil ☐ WSW ☐ SWD ☐ SIOW □ Gas □ D&A □ ENHR □ SIGW	Elevation: Ground: Kelly Bushing:
OG GSW Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Drilling Fluid Management Plan
Plug Back Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
Dual Completion Permit #:	
SWD Permit #: ENHR Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #: GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp S. R East West
Recompletion Date Reached TD Recompletion Date of Recompletion Date	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 Iwo	1189346
Operator Name:	_ Lease Name:	Well #:
Sec TwpS. R East _ West	County:	
INCTRUCTIONS. Changing and the stand of formations penatrated D	atail all aaraa Bapart all fina	I copies of drill stome tests giving interval tested, time test

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken (Attach Additional Sheets)		Yes No		Log Formatio	n (Top), Depth an	Sample	
Samples Sent to Geolog		Yes No	Nar	ne		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASING Report all strings set-		lew Used termediate, producti	on, 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
		ADDITIONAL	CEMENTING / SC	UEEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and P	ercent Additives	
Protect Casing Plug Back TD							
Plug Off Zone							
Did you perform a hydraulic	fracturing treatment o	n this well?		Yes	No (If No, ski	p questions 2 an	d 3)

Did you perform a hydraulic fracturing treatment on this well?
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?

 No
 (If No, skip questions 2 and 3)

 No
 (If No, skip question 3)

(If No, fill out Page Three of the ACO-1)

Shots Per Foot		PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated					/		ement Squeeze Record I of Material Used)	Depth
TUBING RECORD:	Siz	ze:	Set At		Packe	r At:	Liner R	un:	No	
Date of First, Resumed	Product	ion, SWD or ENHF	? .	Producing N		ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
									T	
DISPOSITI	ON OF 0	GAS:			METHOD	OF COMPLE	TION:		PRODUCTION INTI	ERVAL:
Vented Solo	J 🗌	Used on Lease		Open Hole	Perf.		Comp.	Commingled		
(If vented, Su	bmit ACC	D-18.)		Other (Specify)		(Submit /		(Submit ACO-4)		

Yes

Yes

No

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Shelby Resources LLC
Well Name	Fisher Farms 1-15
Doc ID	1189346

All Electric Logs Run

Dual Induction
Compensated Neutron
Micro
Sonic

Form	ACO1 - Well Completion
Operator	Shelby Resources LLC
Well Name	Fisher Farms 1-15
Doc ID	1189346

Casing

Purpose Of String		Size Casing Set	Weight	Setting Depth	Type Of Cement	Type and Percent Additives
Surface	12.25	8.625	23	901	60/40 Poz	2% gel / 3% cc



DRILL STEM TEST REPORT

Prepared For:

Shelby Resources LLC

445 Union Building Suite 208Lakewood, Colorado 80228

ATTN: Jeremy Schwartz

Fisher Farms #1-15

15-25s-14w Stafford

 Start Date:
 2014.01.10 @ 00:00:00

 End Date:
 2014.01.10 @ 00:00:00

 Job Ticket #:
 17113
 DST #:
 1

Superior Testers Enterprises LLC PO Box 138 Great Bend KS 67530 1-800-792-6902 DST # 1

RERIA	DRILL STEM TES	T REPOF	۲T		
	Shelby Resources LLC		15-25s-14	w Stafford	
		445 Union Building Suite 208Lakew ood, Colorado			
	80228		Job Ticket:	17113	DST#:1
	ATTN: Jeremy Schwartz		Test Start: 2	2014.01.10 @	00:00:00
GENERAL INFORMATION:					
Formation:Lansing"H"Deviated:NoWhipstockTime Tool Opened:00:00:00Time Test Ended:00:00:00	ft (KB)		Test Type: Tester: Unit No:	Conventional Gene Budig 3320	Bottom Hole (Initial)
Total Depth: 3863.00 ft (KB) (3863.00 ft (KB) (TVD) TVD) ble Condition: Fair		Reference E KE	Hevations: B to GR/CF:	1979.00 ft (KB) 1966.00 ft (CF) 13.00 ft
Serial #: 8419InsidePress@RunDepth:1118.82 psiaStart Date:2014.01.11Start Time:01:08:41TEST COMMENT:1st Opening1st Shut-In2nd Opening	End Date: End Time:	2014.01.11 L 06:25:17 T	Capacity: .ast Calib.: īme On Btm: īme Off Btm:	2 2014.01.11 @ 2014.01.11 @	
Pressure v			PRESSU	IRE SUMMA	\RY
PHIP Presure and uncertain and unc	BH9 Temperature 0 0 0 0 0 0 0 0 0 0 0 0 0	(Min.) (0 19 1 1 62 11 62 75	essure Temp psia) (deg F 69.18 109.3 41.40 108.7 45.63 108.5 18.82 109.5 49.41 109.1 52.51 109.3 77.97 109.9	 4 Initial Hydro 8 Open To Flo 8 Shut-In(1) 4 End Shut-In 5 Open To Flo 3 Shut-In(2) 	-static ow (1) (1) ow (2)
Recover	,		G	as Rates	
Length (ft) Description 5.00 Drilling Mud	Volume (bbl) 0.02		Choke	(inches) Pressure	e (psia) Gas Rate (Mct/d)
Superior Testers Enterprises LLC	Bef. No: 17113			d: 2014.01.11 (

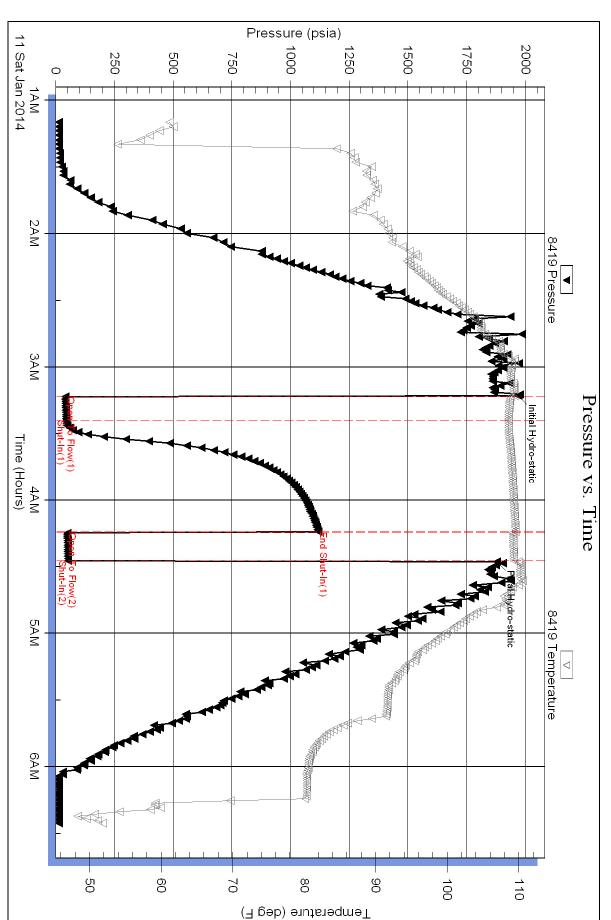
PER	DRILL STEM TES	T REPC	DRT				
ENTERPRISES LLC	Shelby Resources LLC		15-	25s-14w	Stafford	ł	
	445 Union Building Suite 208Lak	ew ood, Colora	.do Fis	Fisher Farms #1-15			
	80228	80228			Job Ticket: 17113		
	ATTN: Jeremy Schwartz		Tes	t Start: 20)14.01.10 🤅	@ 00:00:00	
GENERAL INFORMATION:							
Formation:Lansing"H"Deviated:NoWhipstock:Time Tool Opened:00:00:00Time Test Ended:00:00:00	ft (KB)		Tes	ter:	Convention Gene Budiç 3320	al Bottom H	ole (Initial)
Total Depth: 3863.00 ft (KB) (3863.00 ft (KB) (TVD) TVD) ole Condition: Fair		Ref	erence Ele KB t	evations: to GR/CF:		0 ft (KB) 0 ft (CF) 0 ft
	End Date: End Time:		Capacity Last Cali Time On Time Off	b.: Btm: 2		5000.00 2014.01.1 @ 03:22:0 @ 04:37:0	1 1
Pressure vs			PI	RESSUF		/ARY	
15 st Jan 2014	PUST Temperature 000 T	Time (Min.) 0 1 12 62 62 62 75 75 75	Pressure (psia) 1978.62 47.70 52.94 1126.09 55.26 59.16 1878.24		Open To Shut-In(1) End Shut- Open To	ro-static Flow (1)) -ln(1) Flow (2))	
Recovery				Ga	s Rates		
Length (ft) Description 5.00 Drilling Mud	Volume (bbl) 0.02			Choke (i	inches) Press	sure (psia) (Gas Rate (Mcť/d)

	ERIA		DRI	LL STE	M TEST	REPO	RT	TOOL DIAGRAI
	PRISES LLC	;	Shelby	Resources L	LC		15-25s-14w Stafford	
	CTER?		445 Un	ion Building S	uite 208Lakew	ood, Colorad	• Fisher Farms #1-15	
			80228				Job Ticket: 17113	DST#:1
	.		ATTN:	Jeremy Sch	w artz		Test Start: 2014.01.10 @	00:00:00
Tool Informatio)n		ļ					
Drill Pipe:	Length:	3465.00 ft	Diameter:	: 3.80 in	ches Volume:	48.60 bb	I Tool Weight:	9.50 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	: 0.00 in	ches Volume:	0.00 bb	Weight set on Packer:	57.00 lb
Drill Collar:	Length:	373.00 ft	Diameter:	2.25 in	ches Volume:	1.83 bb	Weight to Pull Loose:	75.00 lb
Drill Dina Abaya k	/D.	04 00 ft			Total Volume:	50.43 bb	Tool Chased	0.00 ft
Drill Pipe Above k Depth to Top Pac		24.00 ft 3842.00 ft					String Weight: Initial	70.00 lb
Depth to Bottom I		3042.00 It ft					Final	70.00 lb
Interval betw een		-						
Tool Length:	r donoro.	49.00 ft						
Number of Packe	rs:	2	Diameter:	: 6.75 in	ches			
Tool Comments:								
Tool Descriptio	on	Le	ngth (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut-In Tool			5.00			3819.00		
Hydrolic Tool			5.00			3824.00		
Safety Joint			2.00			3826.00		
Jars			6.00			3832.00		
Packer			5.00			3837.00	28.00	Bottom Of Top Packer
Packer			5.00			3842.00		
Anchor			16.00			3858.00		
Recorder			1.00	8419	Inside	3859.00		
10001001			1.00	8405	Outside	3860.00		
Recorder								
			3.00			3863.00	21.00 Bot	tom Packers & Anchor

Sheby Pesources LLC 15:25:14w Stafford 445 Union Building Suite 208Lakew ood, Colorado Fisher Farms #1-15 30228 Job Ticket: 17113 ATTN: Jeremy Schwartz Test Start: 2014.01.00 Mud and Cushion Information Quashion Type: Mud Vight: 10.00 bigal Quashion Length: tt Water Loss: 10.80 hr/9 Gas Cushion Type: bid Resistivity: ohm.m Gas Cushion Type: psia Salinity: 3000.00 ptri Bid Cushion Type: psia Recovery Information Gas Cushion Pressure: psia Recovery Information Recovery Table 0.025 Ital Length: 5.00 Drilling Mud 0.025 bid Num Fluid Samples: Suboratory Location: Serial #: Laboratory Name: Laboratory Location: Serial #: Recovery Comments: Water Salin Serial #:	FLUID SUMMAR
445 Union Building Suite 208Lakew ood, Colorado Fisher Farms #1-15 80228 Job Ticket: 17113 ATTN: Jeremy Schwartz Test Start: 2014.01.10 @ Aud Type: Gel Chem Cushion Type: Aud Yupe: Gel Chem Cushion Type: Aud Weight: 10.00 lb/gal Cushion Type: Aud Weight: 10.00 lb/gal Cushion Volume: Aud Weight: 10.00 lb/gal Cushion Volume: Aud Weight: 10.00 lb/gal Cushion Volume: Balinity: S7.00 sec/qt Cushion Volume: Balinity: ohm.m Gas Cushion Pressure: psia Balinity: 8000.00 ppm itler Cake: 1.00 inches Recovery Table Length Description Volume bbl Direct Length: 5.00 ft Total Length: 5.00 ft Total Length: 5.00 ft Total Volume:	k
ATTN: Jeremy Schwartz Test Start: 2014.01.10 (Aud and Cushion Information Aud Type: Gel Chem Cushion Type: Oil API: Aud Weight: 10.00 lb/gal Cushion Length: ft Water Salin Viscosity: 57.00 sec/qt Cushion Volume: bbl Vater Loss: 10.80 in ³ Gas Cushion Type: tesistivity: ohm.m Gas Cushion Pressure: psia ialinity: 8000.00 ppm itter Cake: 1.00 inches Recovery Information Elength Description Volume bbl 5.00 Drilling Mud 0.025 Total Length: 5.00 ft Total Volume: 0.025 bbl Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: Laboratory Name: Laboratory Location:	i
Aud and Cushion Information Oil API: Aud Type: Gel Chem Cushion Type: Oil API: Aud Weight: 10.00 lb/gal Cushion Length: ft Water Salin Aud Weight: 57.00 sec/qt Cushion Volume: bbl bbl Vater Loss: 10.80 in ³ Gas Cushion Volume: bbl bbl Vater Loss: 10.80 in ³ Gas Cushion Type: esistivity: ohm.m Gas Cushion Pressure: psia Iter Cake: 1.00 inches Recovery Information Prescription Volume bbl Iter Cake: 1.00 inches Total Length Description Volume bbl Itength Description Volume bbl 0.025 0.025 Total Length: 5.00 ft Total Volume: 0.025 bbl Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: Laboratory Name: Laboratory Location: Laboratory Location: Volume: Volume:	DST#:1
Nud Type: Gel Chem Cushion Type: Oil API: Nud Weight: 10.00 lb/gal Cushion Length: ft Water Salin Nud Veight: 57.00 sec/qt Cushion Volume: bbl Vater Loss: 10.80 in ³ Gas Cushion Volume: bbl Vater Loss: 10.80 in ³ Gas Cushion Type: psia tesistivity: ohm.m Gas Cushion Pressure: psia alinity: 8000.00 ppm itter Cake: 1.00 inches Recovery Information Volume Length Description Volume ft 0.025 0 0.025 Total Length: 5.00 ft Total Volume: 0.025 bbl Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: Laboratory Name: Laboratory Location: 1 1	⊉ 00:00:00
Iud Weight: 10.00 lb/gal Cushion Length: ft Water Salin iscosity: 57.00 sec/qt Cushion Volume: bbl /ater Loss: 10.80 in ³ Gas Cushion Type: bbl esistivity: ohm.m Gas Cushion Pressure: psia alinity: 8000.00 ppm itter Cake: 1.00 inches Recovery Information Volume ft Length Description Volume bbl ft 0.025 0.025 Total Length: 5.00 ft Total Volume: 0.025 bbl Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: Laboratory Name: Laboratory Location: Serial #:	
iscosity: 57.00 sec/qt Cushion Volume: bbl /ater Loss: 10.80 in ³ Gas Cushion Type: esistivity: ohm.m Gas Cushion Pressure: psia alinity: 8000.00 ppm Iter Cake: 1.00 inches /ecovery Information /ecovery Informat	deg AP
/ater Loss: 10.80 in ³ Gas Cushion Type: esistivity: ohm.m Gas Cushion Pressure: psia alinity: 8000.00 ppm iter Cake: 1.00 inches Recovery Information Recovery Table Length Description Volume ft 0.025 0.025 Total Length: 5.00 ft Total Volume: 0.025 bbl Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: Laboratory Name: Laboratory Location: Laboratory Location:	nity: ppm
esistivity: ohm.m Gas Cushion Pressure: psia alinity: 8000.00 ppm Iter Cake: 1.00 inches Recovery Information Length Description Volume bbl 5.00 Drilling Mud 0.025 Total Length: 5.00 ft Total Volume: 0.025 bbl Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: Laboratory Name: Laboratory Location:	
alinity: 8000.00 ppm Iter Cake: 1.00 inches ecovery Information Recovery Table Length Description Volume bbl 5.00 Drilling Mud 0.025 Total Length: 5.00 ft Total Volume: 0.025 bbl Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: Laboratory Name: Laboratory Location:	
Iter Cake: 1.00 inches Recovery Information Recovery Table Length Description Volume bbl 5.00 Drilling Mud 0.025 Total Length: 5.00 ft Total Volume: 0.025 bbl Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: Laboratory Name: Laboratory Location:	
Recovery Table Length Description Volume ft 0.025 5.00 Drilling Mud 0.025 Total Length: 5.00 ft Total Volume: 0.025 bbl Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: Laboratory Name: Laboratory Location: Laboratory	
Length ftDescriptionVolume bbl5.00Drilling Mud0.025Total Length:5.00 ftTotal Volume:0.025 bblNum Fluid Samples: 0Num Gas Bombs:0Serial #:Laboratory Name:Laboratory Location:Laboratory Location:	
ft bbl 5.00 Drilling Mud 0.025 Total Length: 5.00 ft Total Volume: 0.025 bbl Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: Laboratory Name: Laboratory Location: Laboratory Location:	
Total Length: 5.00 ft Total Volume: 0.025 bbl Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: Laboratory Name: Laboratory Location:	
Num Fluid Samples: 0Num Gas Bombs: 0Serial #:Laboratory Name:Laboratory Location:	
Laboratory Name: Laboratory Location:	
Laboratory Name: Laboratory Location:	

Printed: 2014.01.11 @ 01:21:22

Superior Testers Enterprises LLC Ref. No: 17113



Shelby Resources LLC

Inside

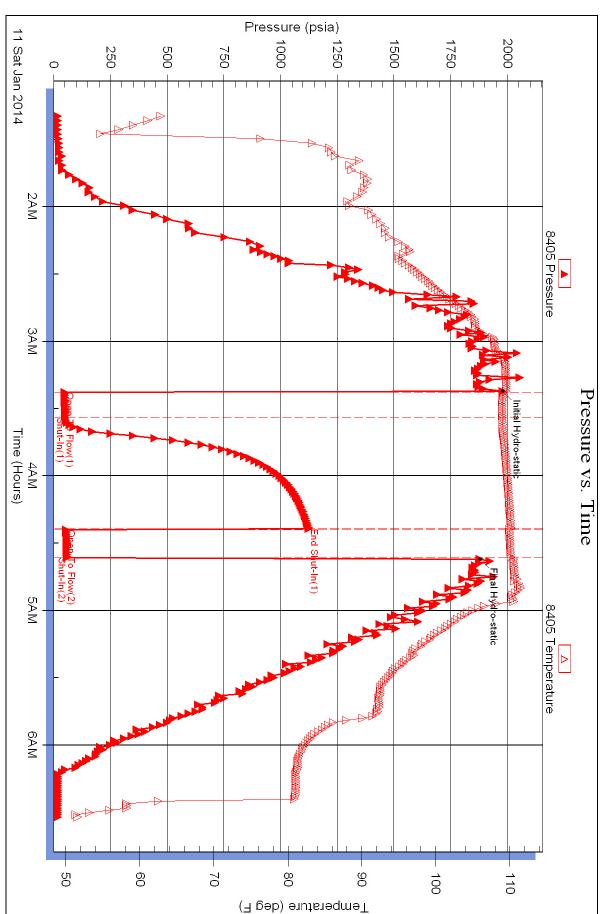
Serial #: 8419

Fisher Farms #1-15

DST Test Number: 1

Printed: 2014.01.11 @ 01:21:22

Superior Testers Enterprises LLC Ref. No: 17113



Fisher Farms #1-15

DST Test Number: 1

Serial #: 8405

Outside

Shelby Resources LLC



DRILL STEM TEST REPORT

Prepared For:

Shelby Resources LLC

445 Union Building Suite 208Lakewood, Colorado 80228

ATTN: Jeremy Schwartz

Fisher Farms #1-15

15-25s-14w Stafford

 Start Date:
 2014.01.12 @ 00:00:00

 End Date:
 2014.01.12 @ 00:00:00

 Job Ticket #:
 17114
 DST #: 2

Superior Testers Enterprises LLC PO Box 138 Great Bend KS 67530 1-800-792-6902

PERIO	DRILL STEM TES	T REPC	DRT				
ENTERPRISES LLC	Shelby Resources LLC		15-	25s-14w	Stafford		
	445 Union Building Suite 208Lake	ew ood, Colora	ido Fis	her Far	ms #1-15		
	80228	Job Ticket: 17114 DST#:2					
	ATTN: Jeremy Schwartz		Tes	t Start: 20)14.01.12 @	00:00:00	
GENERAL INFORMATION:							
Formation:MississippianDeviated:NoWhipstock:Time Tool Opened:00:00:00Time Test Ended:00:00:00	ft (KB)		Tes	ter:	Conventional Gene Budig 3320	Bottom Hole (Initial)	
Interval:4090.00 ft (KB) To4180Total Depth:4190.00 ft (KB) (TV D)Hole Diameter:7.88 inches Hole C			Ref	erence ⊟e KB1	evations: to GR/CF:	1979.00 ft (KB) 1966.00 ft (CF) 13.00 ft	
	End Date: End Time:		Capacity Last Cali Time On Time Off	b.: Btm:	2 2014.01.12 @ 2014.01.12 @		
Pressure vs. Time			P	RESSUF	RE SUMMA	ARY	
Presure 94/9 Presure 94/9 Presure 94/9 Presure 100 100 100 100 100 100 100 10	SH9 Temperature 0 0 0 0 0 0 0 0 0 0 0 0 0	Time (Min.) 0 1 7 55 58 63 63 65	Pressure (psia) 2171.45 118.38 187.68 1396.60 213.84 196.33 2030.03	Temp (deg F) 113.34 112.77 113.43 114.90 114.59 114.65 115.51	Open To Flo Shut-In(1) End Shut-In Open To Flo	static pw (1) (1) (2) (2)	
Recovery				Ga	s Rates		
Length (ft) Description 120.00 dridlling mud	Volume (bbl) 0.59			Choke (i	inches) Pressure	e (psia) Gas Rate (Mct/d)	

RERIA	DRILL STEM TES	T REPC	ORT						
	Shelby Resources LLC		15-	25s-14w	Stafford				
	445 Union Building Suite 208Lake	ew ood, Colora	ado Fis	Fisher Farms #1-15					
	80228	Job Ticket: 17114 DST#:2							
	ATTN: Jeremy Schwartz		Tes	t Start: 20)14.01.12 @	00:00:00			
GENERAL INFORMATION:									
Formation:MississippianDeviated:NoWhipstock:Time Tool Opened:00:00:00Time Test Ended:00:00:00	ft (KB)		Tes	ter:	Conventiona Gene Budig 3320	l Bottom He	ole (Initial)		
Interval:4090.00 ft (KB) To4180Total Depth:4190.00 ft (KB) (TV DHole Diameter:7.88 inches Hole C			Ref	erence Ele KB 1	evations: to GR/CF:		D ft (KB) D ft (CF) D ft		
	End Date: End Time:		Capacity Last Cali Time On Time Off	b.: Btm:	2014.01.12 (2014.01.12 (-	2 9		
Pressure vs. Time			P	RESSUF	RE SUMM	ARY			
Persue 200 100 100 100 100 100 100 100	BADS Temperature BADS Temperature BADS Temperature	Time (Min.) 0 1 8 55 56 65 65 65	Pressure (psia) 2114.18 170.19 218.83 1404.46 217.26 293.72 1910.79	Temp (deg F) 113.15 112.68 113.65 115.63	Annotatio Initial Hydro Open To Fl Shut-In(1)	n o-static ow (1) n(1) ow (2)			
Recovery		·		Ga	s Rates				
Length (ft) Description 120.00 dridlling mud	Volume (bbl) 0.59			Choke (i	inches) Pressu	re (psia) (Gas Rate (Mct/d)		
<u> </u>	 								

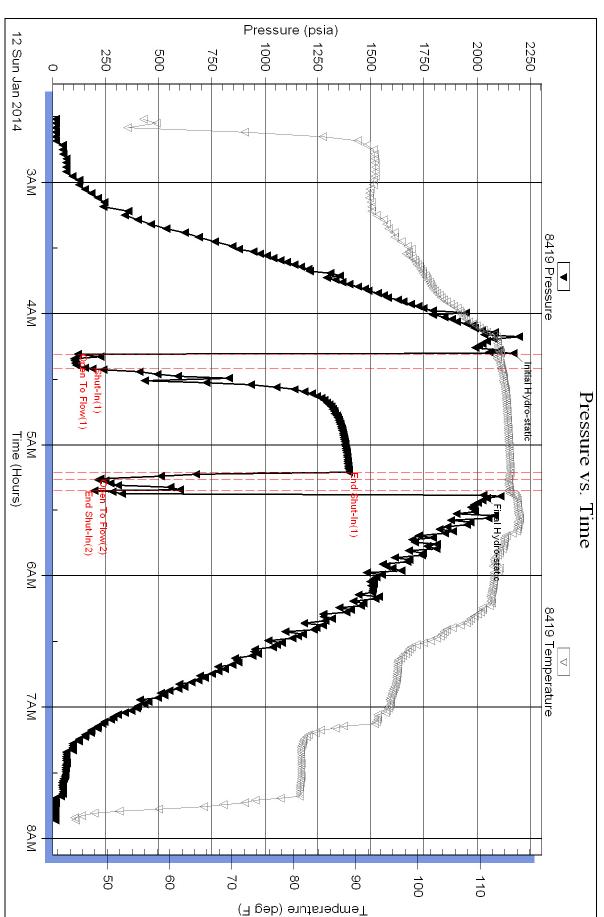
	ERIO		DRI	LL STE	M TEST	REPO	RT	TOOL DIAGRAM			
		;	Shelby	Resources L	LC	15-25s-14w Stafford	5-25s-14w Stafford				
	CTER S			ion Building S	uite 208Lakew	ood, Colorado	• Fisher Farms #1-15	5			
			80228				Job Ticket: 17114	DST#:2			
			ATTN:	Jeremy Sch	w artz		Test Start: 2014.01.12 (@ 00:00:00			
Tool Information	on		Į								
Drill Pipe:	Length:	3714.00 ft	Diameter:	3.80 in	ches Volume:	52.10 bbl	Tool Weight:	2000.00 lb			
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.76 in	ches Volume:	0.00 bbl	Weight set on Packe	r: 20000.00 lb			
Drill Collar:	Length:	373.00 ft	Diameter:	2.25 in	ches Volume:	1.83 bbl	Weight to Pull Loose:	84000.00 lb			
	KD.	05 00 4			Total Volume:	53.93 bbl	Tool Chased	0.00 ft			
Drill Pipe Above I		25.00 ft					String Weight: Initial	72000.00 lb			
Depth to Top Pac		4090.00 ft ft					Final	72000.00 lb			
Depth to Bottom		90.28 ft									
Tool Length:	rackers.	90.28 ft									
Number of Packe		116.20 II 2	Diameter:	in	ches						
		2	Diameter.		Ches						
Tool Comments:											
	on		ngth (ft)	Serial No.	Position	Depth (ft)	Accum Lengths				
Tool Description	on	Le	ngth (ft)	Serial No.	Position	• • • •	Accum. Lengths				
Tool Descriptic	on	Le	5.00	Serial No.	Position	4067.00	Accum. Lengths				
Tool Descriptio Shut-In Tool Hydrolic Tool	on	Le	5.00 5.00	Serial No.	Position	4067.00 4072.00	Accum. Lengths				
Tool Descriptio Shut-In Tool Hydrolic Tool Safety Joint	on	Le	5.00 5.00 2.00	Serial No.	Position	4067.00 4072.00 4074.00	Accum. Lengths				
Tool Descriptio Shut-In Tool Hydrolic Tool	on	Le	5.00 5.00	Serial No.	Position	4067.00 4072.00	Accum. Lengths	Bottom Of Top Packer			
Tool Descriptio Shut-In Tool Hydrolic Tool Safety Joint Jars	on	Le	5.00 5.00 2.00 6.00	Serial No.	Position	4067.00 4072.00 4074.00 4080.00		Bottom Of Top Packer			
Tool Descriptio Shut-In Tool Hydrolic Tool Safety Joint Jars Packer	on	Le	5.00 5.00 2.00 6.00 5.00	Serial No.	Position	4067.00 4072.00 4074.00 4080.00 4085.00		Bottom Of Top Packer			
Tool Description Shut-In Tool Hydrolic Tool Safety Joint Jars Packer Packer		Le	5.00 5.00 2.00 6.00 5.00 5.00	Serial No.	Position	4067.00 4072.00 4074.00 4080.00 4085.00 4090.00		Bottom Of Top Packer			
Tool Description Shut-In Tool Hydrolic Tool Safety Joint Jars Packer Packer Anchor Change Over Su		Le	5.00 5.00 2.00 6.00 5.00 5.00 4.00	Serial No.	Position	4067.00 4072.00 4074.00 4080.00 4085.00 4090.00 4094.00		Bottom Of Top Packer			
Tool Description Shut-In Tool Hydrolic Tool Safety Joint Jars Packer Packer Anchor	b	Le	5.00 5.00 2.00 6.00 5.00 5.00 4.00 0.75	Serial No.	Position	4067.00 4072.00 4074.00 4080.00 4085.00 4090.00 4094.00 4094.75		Bottom Of Top Packer			
Tool Description Shut-In Tool Hydrolic Tool Safety Joint Jars Packer Packer Anchor Change Over Su Drill Pipe	b	Le	5.00 5.00 2.00 6.00 5.00 5.00 4.00 0.75 63.78	Serial No.	Position	4067.00 4072.00 4074.00 4080.00 4085.00 4090.00 4094.00 4094.75 4158.53		Bottom Of Top Packer			
Tool Description Shut-In Tool Hydrolic Tool Safety Joint Jars Packer Packer Packer Anchor Change Over Su Drill Pipe Change Over Su	b	Le	5.00 5.00 2.00 6.00 5.00 4.00 0.75 63.78 0.75	Serial No.	Position	4067.00 4072.00 4074.00 4080.00 4085.00 4090.00 4094.00 4094.75 4158.53 4159.28		Bottom Of Top Packer			
Tool Description Shut-In Tool Hydrolic Tool Safety Joint Jars Packer Packer Anchor Change Over Su Drill Pipe Change Over Su Anchor	b	Le	5.00 5.00 2.00 6.00 5.00 5.00 4.00 0.75 63.78 0.75 16.00			4067.00 4072.00 4074.00 4080.00 4085.00 4090.00 4094.00 4094.75 4158.53 4159.28 4175.28		Bottom Of Top Packer			

Total Tool Length: 118.28

	PERIS		DRI	LL S	TEM TEST F	REPOR	Г		FLUID S	UMMAR
	RPRISES LLC		Shelby	Resourc	ces LLC		15-25 s -14	w Stafford		
				iion Buildi	ing Suite 208Lakew oc	d, Colorado	Fisher Fa	arms #1-15		
			80228				Job Ticket:	17114	DST#:2	
			ATTN:	Jeremy	Schw artz		Test Start:	2014.01.12 @	00:00:00	
lud and Cu	shion Info	ormation								
ud Type: Ge					Cushion Type:			Oil A PI:		deg API
ud Weight:		b/gal			Cushion Length:		ft	Water Salinit	y:	ppm
scosity:	68.00 s	-			Cushion Volume:		bbl			
ater Loss:	9.20 ir				Gas Cushion Type:		naia			
esistivity: alinity:	5000.00 p	ohm.m		,	Gas Cushion Pressure		psia			
lter Cake:	1.00 ir									
ecovery In	formation	1								
		·			Recovery Table		1	-		
		Lengt ft	th		Description		Volume bbl			
			120.00	dridlling	mud		0.59	90		
	Tot	tal Length:	120	.00 ft	Total Volume:	0.590 bbl				
	Nu	m Fluid Samp	oles: 0		Num Gas Bombs:	0	Serial	#:		
	Lat	boratory Nan	ne:		Laboratory Location	n:				
	Re	covery Comr	ments:							

Printed: 2014.01.12 @ 07:32:00

Superior Testers Enterprises LLC Ref. No: 17114



Shelby Resources LLC

Serial #: 8419

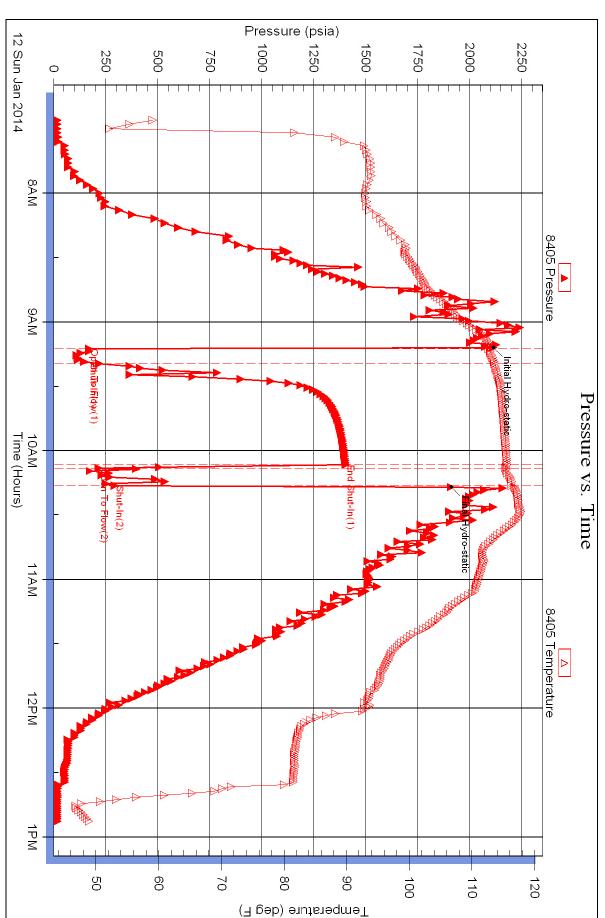
Inside

Fisher Farms #1-15

DST Test Number: 2

Printed: 2014.01.12 @ 07:32:00

Superior Testers Enterprises LLC Ref. No: 17114



Outside Shelby Resources LLC

Serial #: 8405

Fisher Farms #1-15

DST Test Number: 2

	Scale 1:240 Imperia	I	
Well Name: Surface Location: Bottom Location: API: License Number:	Fisher Farms #1-15 2304' FSL _1235' FEL Sec 15 - 15-185-23848-00-00	25S- 14W	
Spud Date:	1/4/2014	Time:	1:30 PM
Region: Drilling Completed: Surface Coordinates: Bottom Hole Coordinates:	Stafford County 1/13/2014 Y = 440252 & X = 1900967 Y = & X =	Time:	3:55 PM
Ground Elevation: K.B. Elevation: Logged Interval: Total Depth: Formation: Drilling Fluid Type:	1966.00ft 1979.00ft 3100.00ft 4420.00ft Missippian Chert Chemical/Fresh Water Gel	To:	4420.00ft
Company: Address:	OPERATOR Shelby Resources, LLC 445 Union Blvd, Suite 208 Lakewood, CO 80228		
Contact Geologist: Contact Phone Nbr: Well Name: Location: Pool: State:	Janine Sturdavant 303-907-2209 / 720-274-4682 Fisher Farms #1-15 2304' FSL_1235' FEL Sec 15 - Kansas	25S- 14WAPI: Field: Country:	15-185-23848-00-00 Jordan USA
	LOGGED BY		
Company: Address:	Shelby Resources, LLC 445 UNION BLVD. Suite 208 LAKEWOOD, CO. 80228		
Phone Nbr: Logged By:	203-671-6034 Geologist	Name:	Jeremy Schwartz

NOTES

The Shelby Resources, LLC Fisher Farms #1-15 was drilled to a total depth of 4420', bottoming in the Arbuckle. A TookeDaq gas detector was employed in the drilling of said well.

Three DST's were conducted throughout the Lansing, Mississippian, and Viola zones. The DST reports can be found at the bottom of this log.

Due to the DST results, sample shows, gas kicks, and log analysis it was determined by all parties involved to plug and abandon the well. The dry samples were saved and will be available for furthur review at the Kansas Geological Society Well Sample Library, located in Wichita, KS.

Respectfully Submitted, Jeremy Schwartz Geologist

N/S Co-ord: Y = 440252E/W Co-ord: X = 1900967 CONTRACTOR Sterling Drilling Co Contractor: Rig #: Rig Type: Spud Date: TD Date: 5 mud rotary 1/4/2014 Time: 1:30 PM 1/13/2014 Time: 3:55 PM Rig Release: Time:

ELEVATIONS

1979.00ft K.B. Elevation: 13.00ft K.B. to Ground:

Longitude:

Ground Elevation:

Latitude:

1966.00ft

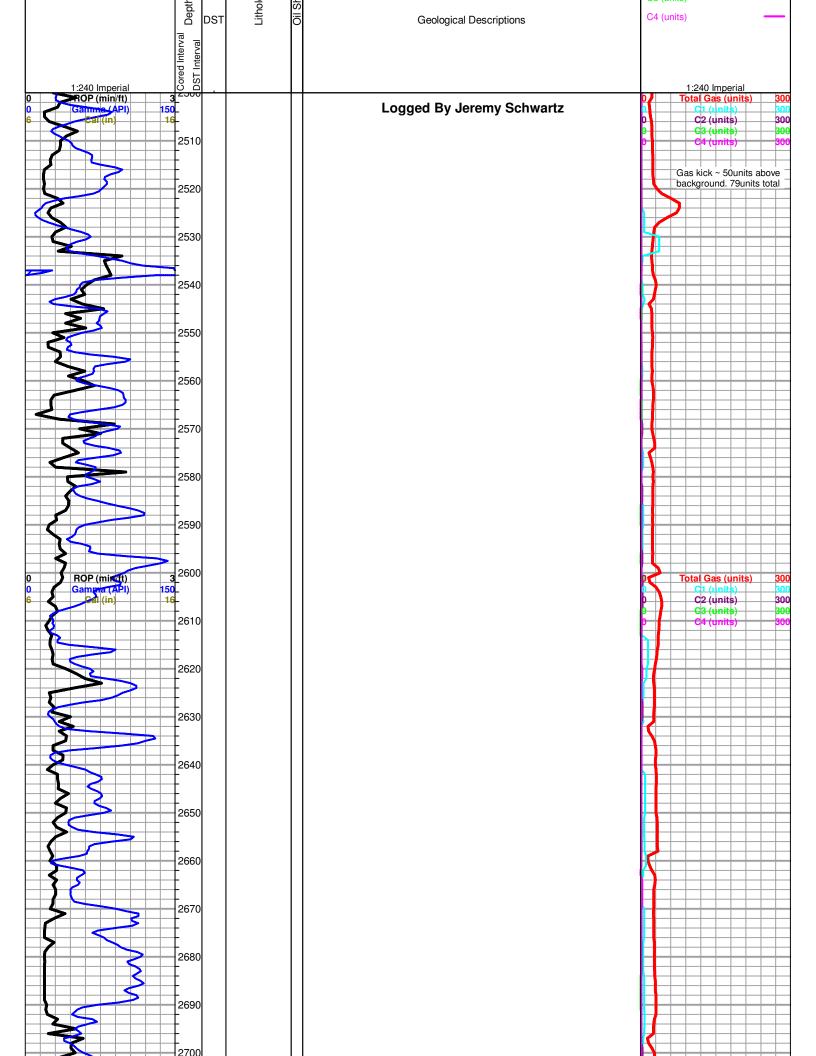
DATE	DEPTH	ACTIVITY
Thursday, January 09, 2014	3225'	Geologist Jeremy Schwartz on location @ 1130 hrs, DRLG ahead through Heebner,
		Toronto, Douglas Shale, Brown Lime, Strap out, Drop Survey, Bit Trip, swap out PDC
	3685'	for traditional Tri-Cone Button bit
Friday, January 10, 2014	3685'	DRLG Ahead through Lansing Kansas City, stop to CFS in "B" zone due to gas kick,
		DRLG ahead through LKC, CFS in LKC "H", Show/gas kick warrants test, OOH for
	3863'	short trip, CTCH 1hour, then OOH to conduct DST #1
Saturday, January 11, 2014	3863'	DRLG ahead through LKC "J", BKC, Marmaton, Mississippian, Conduct DST #2 in Miss.
Sunday, January 12, 2014	4180'	DRLG ahead through Viola, Conduct DST #3 in Viola
Monday, January 13, 2014	4280'	DRLG ahead through Simpson Shale, Arbuckle, No shows in ARB, DRLG ahead to
	4420'	TD @ 4420', TD reached @ 1535hrs, Conduct Logging Operations
Tuesday, January 14, 2014	4420'	Logging Operations complete @ 0245hrs
		Geologist Jeremy Schwartz off location @ 0330hrs

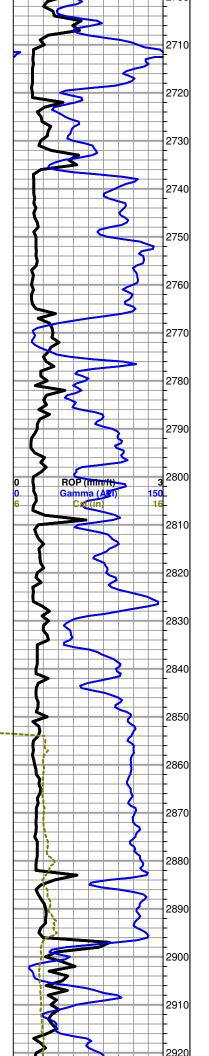
CLIENT:	SHELBY RESOURCES, LLC
WELL NAME:	FISHER FARMS #1-15
LEGAL:	2304' FSL & 1235' FEL 15-25S-14W
COUNTY:	STAFFORD COUNTY, KS
API :	15-185-23848-00-00
DRLG CONTRACTOR:	STERLING DRILLING CO.
RIG #:	5
DOGHOUSE #:	620-388-5433
TOOLPUSHER:	ALAN LOFTIS
CELL #:	620-388-2736

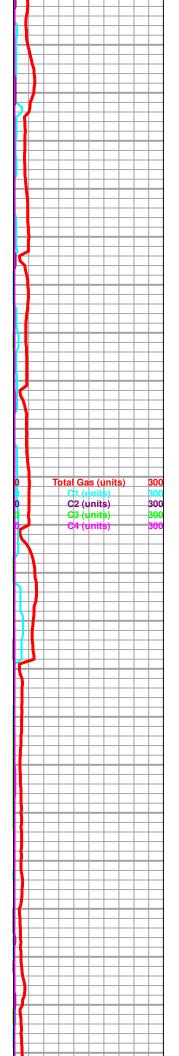
						D	&A				•					•						
					1	J.A. A	LLISO	N				SHELBY RES	OUR	CES, LL	С		SHELBY RESOURCES, LLC					
		FISHER FA	RMS #1-15			FC	X #1				FISHER #1-15					FISHER #2-15						
		SW-NV	-NE-SE		SW-SE-NE 15-255-14W						SW-NW-SE-NE 15-25S-14W					NW-NE-SE-NE 15-25S-14W					_	
	KB		1979		KB 1978			KB		1	974		_	KB		19	974		_			
	LOG	TOPS	SAMPL	E TOPS	COMP	. CARD	L	0G	SN	1PL.	COMP	P. CARD	LOG		SMPL.		COMP	COMP. CARD		DG	SMPL.	
FORMATION	DEPTH	DATUM	DEPTH	DATUM	DEPTH	DATUM	00	RR.	CO	RR.	DEPTH	DATUM	CC	ORR.	CO	RR.	DEPTH	DATUM	CO	RR.	CO	RR.
ANHYDRITE TOP	883	1096	883	1096	871	1107	÷	11	8	11	862	1112		16	2	16	870	1104		8		8
BASE	900	1079	893	1086	890	1088	-	9		2							v.					
HEEBNER SHALE	3530	-1551	3530	-1551	3499	-1521		30		30	3494	-1520		31	8	31	3494	-1520	+-	31	1	31
TORONTO	3552	-1573	3554	-1575	3522	-1544	1	29	-	31	3514	-1540	÷	33	-	35	3512	-1538		35		37
DOUGLAS SHALE	3574	-1595	3573	-1594	3543	-1565		30		29	3532	-1558		37		36	3534	-1560	-	35	4	34
BROWN LIME	3682	-1703	3680	-1701	3650	-1672	12	31		29	3642	-1668		35	10	33	3642	-1668	10	35	- 51	33
LKC	3708	-1729	3708	-1729	3677	-1699	14	30	-	30	3670	-1696	-	33	- 20	33	3664	-1690	-	39	4	39
LKC B	3734	-1755	3734	-1755	3702	-1724		31	1	31	3691	-1717	-	38	Ŷ	38	3690	-1716		39	100	39
LKC H	3848	-1869	3846	-1867	3814	-1836	4	33	12	31	3802	-1828	-	41	8	39	3806	-1832	120	37	-	35
LKC J	3887	-1908	3884	-1905	3852	- 1874		34	10	31	38 39	-1865	-	43	-	40	1					
BKC	4012	-2033	4015	-2036	3976	- 1998	14	35	10	38	3962	-1988	1	45	22	48	3966	-1992	-	41	820	44
MARMATON	4034	-2055	4032	-2053	4008	- 20 30	1.	25	*	23	3982	-2008		47	1	45	3982	-2008	191	47	-	45
MISSISSIPPIAN	4134	-2155	4134	-2155	4078	- 2100	12	55	13	55	40 64	-2090	-	65	25	65	40 59	-2085	+	70	20	70
VIOLA	4220	-2241	4225	-2246	4167	- 2189		52	æ	57	4154	-2180	-	61	8	66	4141	-2167		74		79
SIMPSON SHALE	4284	-2305	4282	-2303	4232	- 2254	14	51	-	49	4223	-2249	4	56	-	54						
SIMPSON SAND	4290	-2311									4231	-2257	-	54			0		0	1		
ARBUCKLE	4329	- 2350	4330	-2351	4272	-2294		56		57	4257	-2283	-	67	1	68						
RTD			4420	-2441	4295	-2317				124	4325	-2351			- 40	90	4200	-2226			¥.	215
ITD	4421	-244.2			4290	-2312		130			4326	-2352	1	90			4203	-2229	100	213		
	ta ser a					<u>TE:</u>	STED					TES	TED		-11	• _ j		TES	TED			1
20.000																						
PROGNO	No. of Concession, Name	1100				ST#1 (3695		Care and a series	4 F		DST #1 (3672-3755) LKC A-F				DST #1 (3724-3752) LKC F							
ANHYDRITE TOP HEEBNER SHALE	879 3548	-1569			30-45 120' SGCM w/			C 122	OIL		10-45-60-90				10-45-45-90							
LANSING	3548	-1509			1.	/siigiii)'SW	. 5100	oil		IF: Strong blow BOB 1.5Min FF: Fair blow BOB 10Min					IF: Strong blow BOB 1Min 10Sec BB 4"							
MISS CHERT	4129	-1745				SIP: 1.22		99#				Weak si			80		F	E: Strong Blo	and a second of	A < 1 Mi	n	

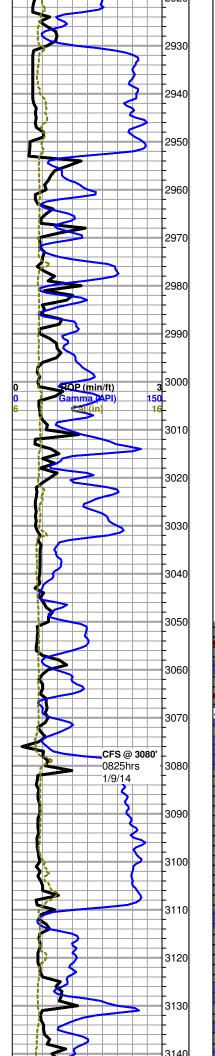
ARBUCKLE 4349 RTD 4420	-2370 -2441	DST #2 (3810-3830) LKC H 30-45-30-60 420' GIP 90' GCM w/slight show Oil SIP: 137# - 148# DST #3 (3830-3876) LKCI-J 30-45-45-60 150' M w/slight show Oil SIP: 1115# - 1105# DST #4 (4053-4074) Miss 30-45-60-90 30'M SIP: 275# - 339# DST #5 (4074-4094) Miss 30-45-30-45 MISRUN DST #6 (4087-4104) 30-45-45-60 GTS in FSI 185' O&GCM (60%M, 20% 0, 20%G) SIP: 690# - 466#	795' GIP, 35'M, 60'M w/slight trace Oil 65' GSOCM, 65' GSOWCM SIP: 1116# - 1101# DST #2 (3793-3816) LKC H 10-45-60-142 IF: Strong blow BOB 30Sec BB BOB FF: Strong blow BOB Instantly, GTS 6Min Weak surface BB built to 9" 3520' GIP, 35'0, 30'MCO, 125'HOCM 60' GSMCO SIP: 1030# - 1023# DST #3 (3822-3865) :LKC FJ 10-45-60-150 IF: Strong blow BOB 30Sec Weak surface BB FF: Strong blow BOB instantly, GTS 4Min *Never completely bled off, after 33Min, surface BB built to BOB 5Min 3385' GIP, 80'0, 20'VGVSMCO, 65'GVSMCO, 190'GSWSMCO, 60' GSOSMCW SIP: 1146# - 1135#	GTS 22Min 20' GOCM (93%M, 6%G, 1%O) 120' GW & HOCM 245' O & M CW SIP: 1142# - 1131# DST #2 (3800-3816) LKC H 10-45-45-90 IF: Weak blow built to BOB 3Min FF: Strong blow BOB Instantly 1565' GIP, 55' GS OCM SIP: 891# - 964# DST #3 (3834-3865) LKC J 10-45-60-90 IF: Weak blow built to BOB 35Min Very weak surface BB FF: Weak blow built to BOB 7Min Weak surface BB built to 4In 1015' GIP, 75' GHOWCM, 175' SM CW w/slight trace oil, 10'M DST #4 (3878-3900) LKC K 10-45-45-90 IF: Strong Blow BOB Instantly GTS 26Min 3660' GIP, 1'0, 10'OCM, 60'GS OCM, 60' MCO, 65'VSMCO SIP: 932# - 947# DST #5 (4040-4082) Miss 10-45-70-90 IF: Strong blow BOB Instantly GTS 2Min FF: Strong blow BOB Instantly GTS 2Min FF: Strong blow BOB Instantly GTS Instantly (weak surface BB attantly GTS Instantly (weak surface BB Instantly GTS Instantly (1309# - 1279#
	,,			
FOSSIL	STRINGER	ROCK TYPES Lmst fw<7 shale, grn ACCESSORIES TEXTURE	Shale, gry	shale, red
 → Bioclastic or Fragmental F Fossils < 20% 	Chert Dolomite Limestone Sandstone Siltstone Shale green shale red shale	C Chalky		
		OTHER SYMBOL	S	
MISC Image: Digital Photo Image: Digital Photo Image: Document Image: Document Image: Folder Image: Constant Log File Image: Horizontal Log File Image: Core Log File Image: Drill Cuttings Rpt	Oil Show Good Show Fair Show Poor show Spotted or Trace Questionable Stn Dead Oil Stn Fluorescence * Gas	DST Int DST alt		
Curve Track #1 ROP (min/ft) Gamma (API)	ervals		Printed by GEOstrip VC Stri	plog version 4.0.7.0 (www.grsi.ca)TG, C1 - C5Total Gas (units)C1 (units)

ROP (min/ft)					Total Gas
Gamma (API)	 vals				C1 (units)
Cal (in)	 Inter		>		C2 (units)
		7 AD	MOL		C3 (unite)

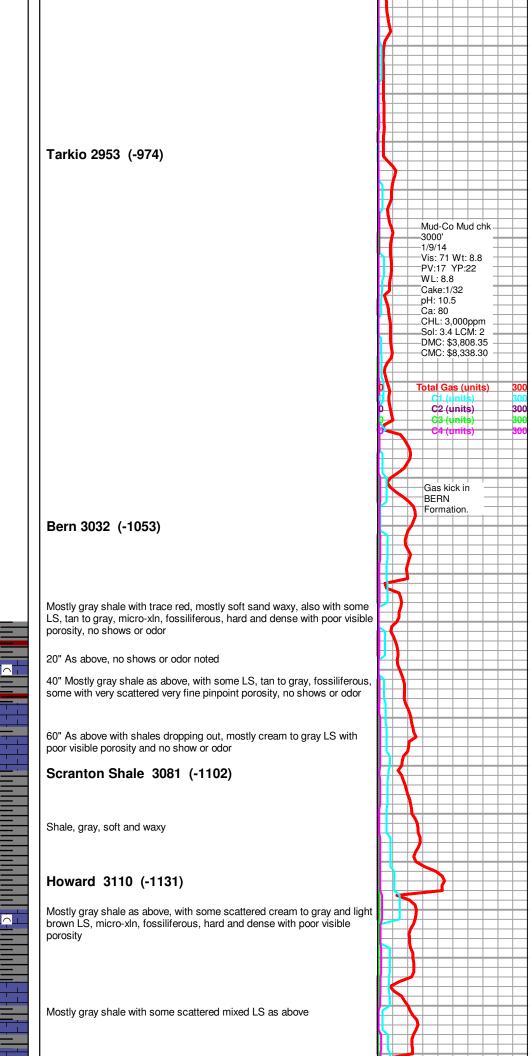


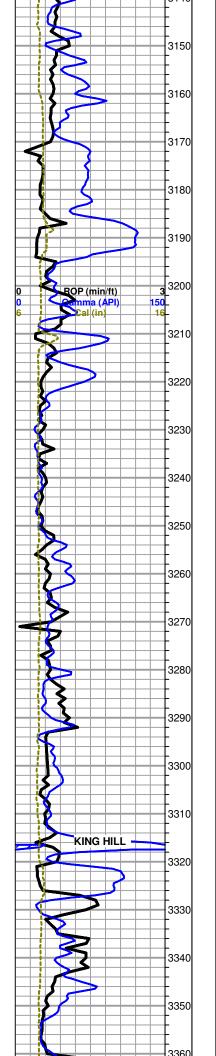






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LS, cream to gray with some scattered light brown, micro-xln, fossiliferous, some soft and brittle, some hard and dense, overall poor visible porosity, with some gray shale, no shows or odor

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Severy Shale 3188 (-1209)

Topeka 3194 (-1215)

LS, cream to gray, micro-xln, fossiliferous, some soft and chalky, some hard and dense with poor visible porosity, slightly chalky, no shows or odor

LS as above, chalky, no shows or odor

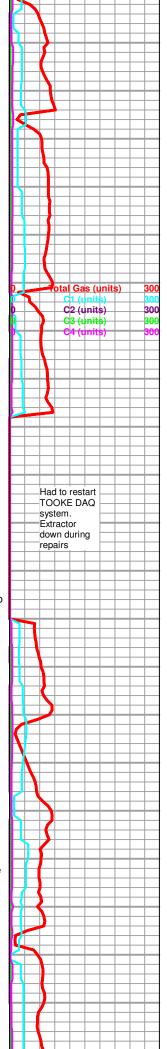
LS, gray to tan with some scattered white, micro-xln, fossiliferous, mostly soft and chalky with some hard and dense, some with scattered development and poor to fair scattered pinpoint porosity, very chalky, no shows or odor

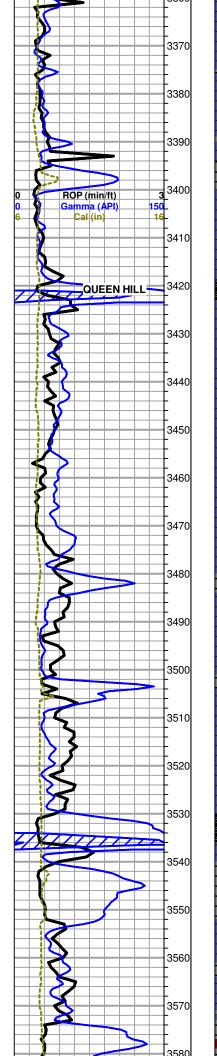
LS as above, also with some very scattered brown, micro-xln, fossiliferous, hard and dense, chalky, no shows or odor

LS, gray to tan with some cream, micro-xln, fossiliferous, mostly soft and brittle with soe soft and chalky, some scattered hard and dense, some with scattered poor to fair pinpoint porosity, chalky, no shows or odor

LS, gray to cream, micro-xln, fossiliferous, mostly soft and brittle, some with scattered very fine pinpoint porosity, also with trace black carbonaceous shale, chalky, no shows or odor

As above





LS, gray to cream, micro-xln, fossiliferous, mostly soft and brittle, some with scattered very fine pinpoint porosity, slightly chalky, no shows or odor

LS as above, slightly chalky, no shows or odor

LS, gray to cream, micro-xln, fossiliferous, some soft and brittle with scattered very fine pinpoint porosity, some soft and chalky, also with some scattered brown, hard and dense, slightly chalky, no shows or odor lotal Gas (units)

C2 (units)

C3 (units)

300

20

LS, gray to cream, micro-xln, fossiliferous, soft and chalky, some with very scattered very fine pinpoint porosity, also with trace black shale, carbonaceous, very chalky, no shows or odor

LS, cream to white with some scattered gray, micro-xln, mostly soft and chalky, some with very scattered very fine pinpoint porosity, very chalky, no shows or odor

As above

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LS, cream to white with some gray, micro-xln, fossiliferous, mostly soft and chalky, some with very scattered very fine pinpoint porosity, very chalky, no shows or odor

LS, cream to white with some scattered light gray and light brown, micro-xln, fossiliferous, some soft and brittle, some hard and dense, some with very scattered very fine pinpoint porosity, no shows or odor

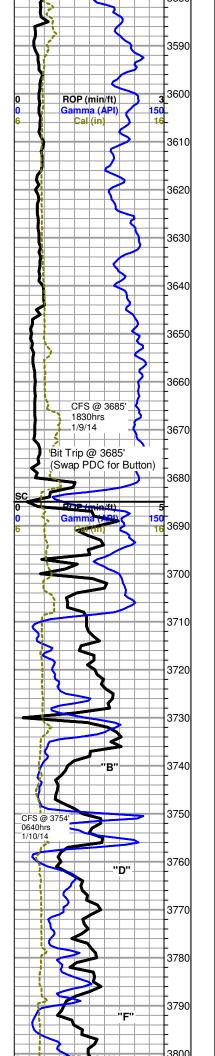
Heebner 3530 (-1551) Shale, black carbonaceous

Toronto 3554 (-1575)

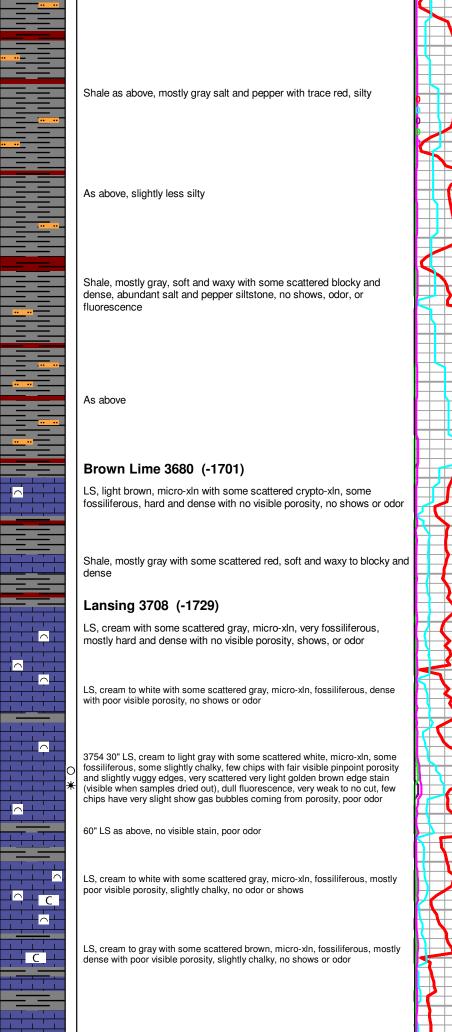
LS, cream to white with some scattered gray,micro-xln, fossiliferous, mostly soft and chalky, no shows or odor

Douglas Shale 3573 (-1594)

Shale, mostly gray with some red, mostly soft and waxy, some gray silty, no shows or odor



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LS as above, poor visible porosity, slightly chalky, no shows or odor

al Gas (units)

Survey = 1Degree

-Mud-Co Mud chk -3723'

Vis: 57 Wt: 9.5

CHL: 8,000ppm

Sol: 7.5 LCM: Tr

CMC: \$9,065.35

-DMC: \$727.05

PV:16 YP:18

1/10/14

WL: 10.8 Cake:1/32 pH: 9.0

Ca: 160

Strap Even with

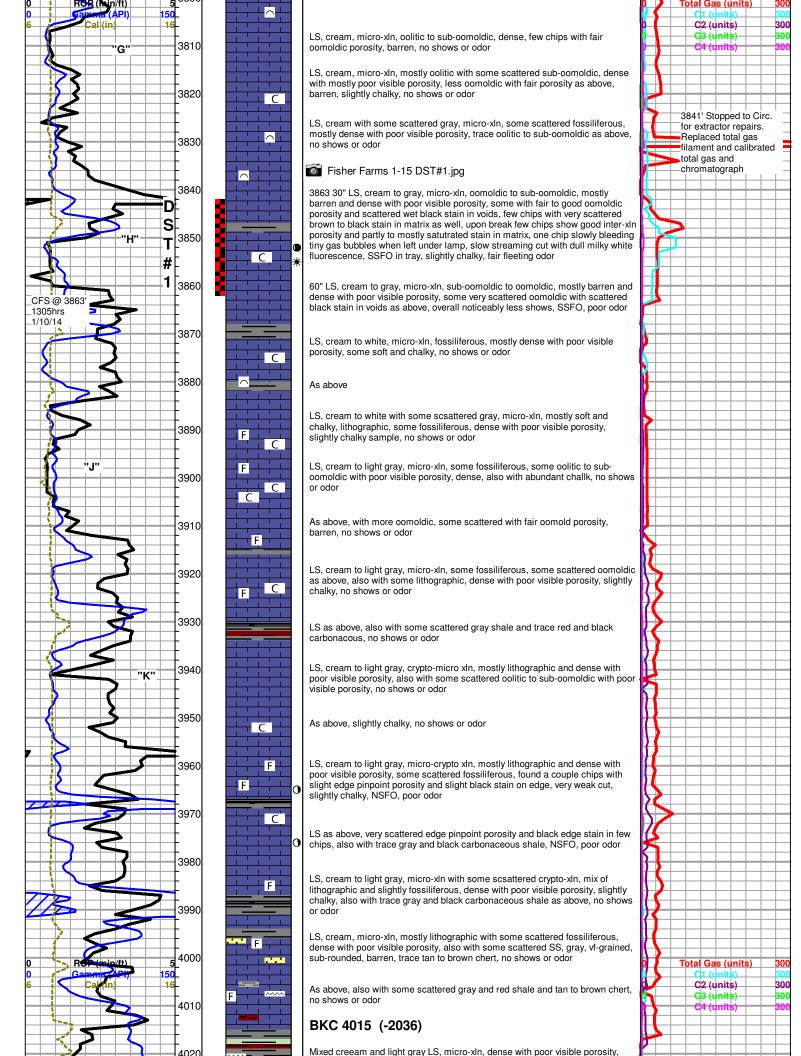
Board @ 3685

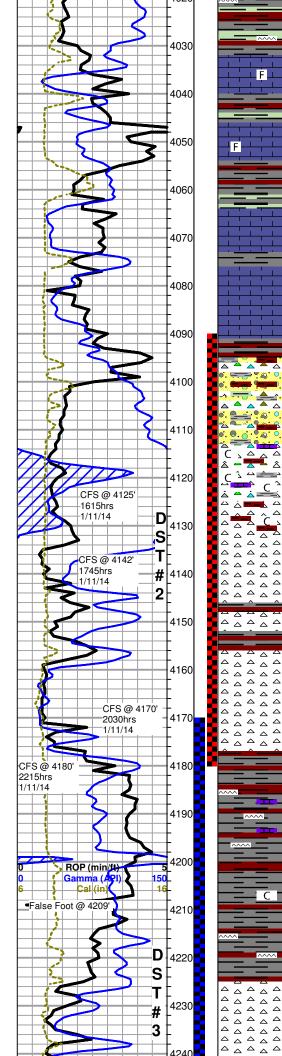
300

30

C2 (units)

C3 (units)





also with abundant gray to green and red shales, with some scattered tan to brown chert, red wash, no shows or odor

Marmaton 4032 (-2053)

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LS, cream to light gray with some scattered light brown, micro-crypto xln, mostly lithographic and dense with some scattered slightly fossiliferous, poor visible porosity, also with some scattered gray to green and red shale, no shows or odor

LS as above with influx of gray, green, and red shale, also with some scattered tan to brown chert

LS, cream to light gray, micro-crypto xln, mostly lithographic and dense with poor visible porosity, also with trace red and gray shale and brown and orange chert, no shows or odor

LS, cream to light gray, micro-xln, mostly lightographic and dense with poor visible porosity, no shows or odor

sample LS, cream, micro-xln, mostly lithographic and dense with poor visible porosity, some scattered slightly fossiliferous, also with abundant gray to green and red shale and trace orange chert, red wash, no shows or odor

As above, with slight influx of gray to green and red shale and brown and orange cherts, chalky, red wash, no shows or odor

4125 30" Chert, mostly gray to pale green with some tan and trace orange, weathered and brittle with no visible porosity, also with gray and red shale and some scattered cream LS, chalky, no shows or odor

60" Chert, mostly gray and weathered as above, some fossiliferous, no visible porosity, also with mixed gray and red shale and trace cream LS, slightly chalky, no shows or odor

Mississippian Chert 4134 (-2135)

Fisher Farms 1-15 DST#2.jpg

4142 30" Chert, mostly cream to white, some weathered, some fresh and sharp, some very scattered with tripolitic edges and black stain in porosity, one small chip mostly saturated and bleeding gas bubbles, slow streaming cut with bright white fluorescence, also with gray chert as above and abundant red and gray shales, slight red wash, NSFO, poor fleeting odor

60" mostly same as above with slight influx in tripolitic chert with shows, mostly scattered edge stain, with few very small chips at bottom of tray being mostly saturated, slight red wash, NSFO, fair fleeting odor

Chert, white to cream with some very scattered transluscent, sharp and fresh, mostly barren, some very scattered with tripolitic edges to partly tripolitic with black stain in porosity, slow streaming cut, NSFO, poor odor

4180' Mostly chert as above, few pieces with very slightly tripolitic edges and very scattered slight black to brown stain, also with influx of gray and red shale, slight red wash, no odor

Mostly gray shale with some red, also with scattered white to cream chert, mostly fresh and sharp, and trace very scattered cream LS, micro-xln, dense with poor visible porosity, slight red wash, no shows or odor

Mostly same as above, slightly less chert and LS, no shows or odor

Gray and red shale as above, also with some gray to green globs of clay and slight influx in silty gray shale, challky wash, no shows or odor

Gray and red shale with slight influx of cream to white chert, slight red wash, no shows or odor

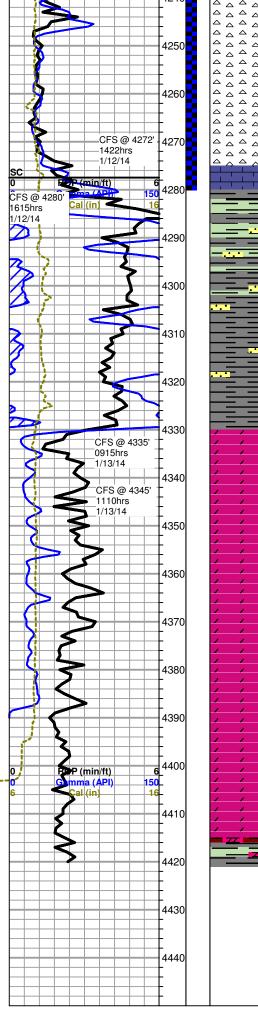
Viola 4225 (-2246)

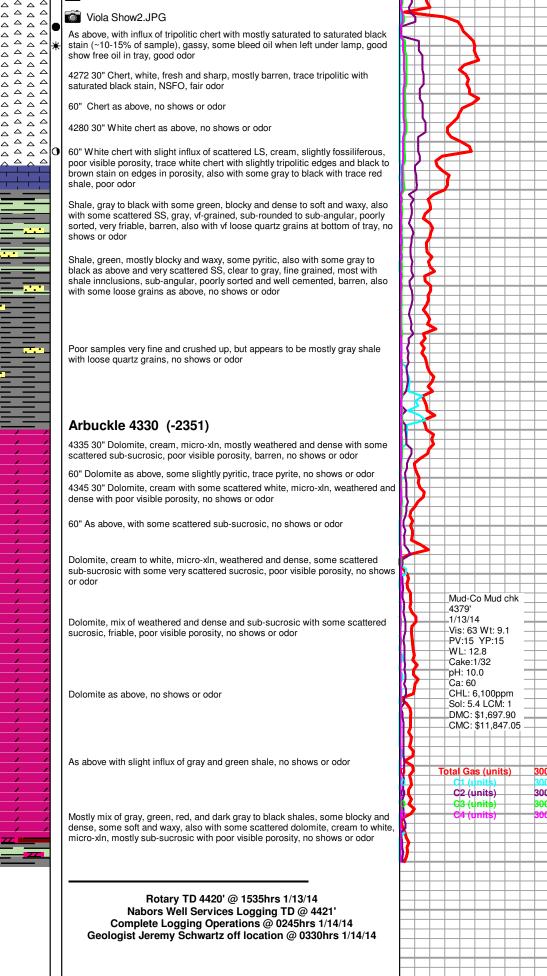
Fisher Farms 1-15 DST#3.jpg

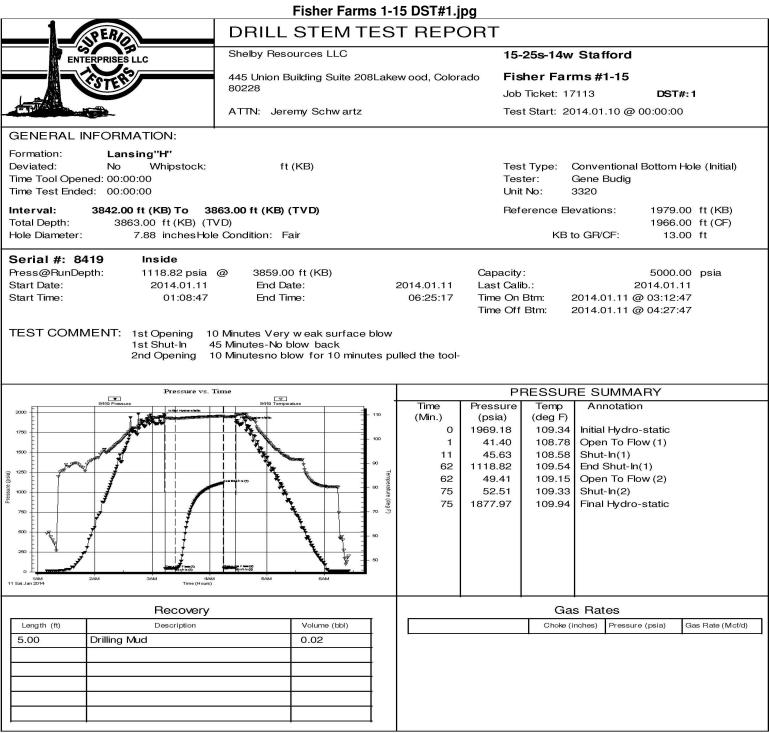
Mix of gray and red shale and white to cream chert, some scattered tripolitic 0 with scattered to mostly saturated black to brown stain, slow streaming cut with dull fluorescence, one piece slowly bleeding several gas bubbles from porosity fair show free oil in tray, fair odor in cup

Viola Show1.JPG

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Superior Testers Enterprises LLC

Ref. No: 17113

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Fisher Farms 1	-15 DST#2.jpg					
DRILL STEM TES	ST REPORT	Г				
ENTERPRISES LLC Shelby Resources LLC		15-25s-14w Stafford				
445 Union Building Suite 208Lak	æw ood, Colorado	Fisher Farms #1-15				
80228		Job Ticket: 17114 DST#:2				
ATTN: Jeremy Schwartz		Test Start: 2014.01.12 @ 00:00:00				
GENERAL INFORMATION:						
Formation: Mississippian Deviated: No Whipstock: ft (KB) Time Tool Opened: 00:00:00 Time Test Ended: 00:00:00		Test Type: Conventional Bottom Hole (Initial) Tester: Gene Budig Unit No: 3320				
Interval: 4090.00 ft (KB) To 4180.00 ft (KB) (TVD) Total Depth: 4190.00 ft (KB) (TVD) Hole Diameter: 7.88 inchesHole Condition: Fair		Reference Elevations: 1979.00 ft (KB) 1966.00 ft (CF) KB to GR/CF: 13.00 ft				
Serial #: 8419 Inside Press@RunDepth: 196.33 psia @ 4176.28 ft (KB) Start Date: 2014.01.12 End Date: Start Time: 02:30:00 End Time:	2014.01.12 Las 07:51:30 Tim	pacity: 5000.00 psia st Calib.: 2014.01.12 ne On Btm: 2014.01.12 @ 04:18:00 ne Off Btm: 2014.01.12 @ 05:23:00				
TEST COMMENT: 1st Opening 10 Minutess-Weak surface blow for 1st Shut-In 45 Minutes no blow back 2nd Opening 10 Minutes-Weak blow for 6 minutes						
Pressure vs. Time		PRESSURE SUMMARY				
	Time Press (Min.) (ps 0 2171 1 118 7 187 55 1396 58 213 63 196 65 2030	sia) (deg F) 1.45 113.34 Initial Hydro-static 3.38 112.77 Open To Flow (1) 7.68 113.43 Shut-In(1) 5.60 114.90 End Shut-In(1) 3.84 114.59 Open To Flow (2) 5.33 114.65 End Shut-In(2)				
Recovery	Gas Rates					
Length (ft) Description Volume (bbl) 120.00 dridlling mud 0.59 Image: Constraint of the second		Choke (inches) Pressure (psia) Gas Rate (Mct/d)				

Superior Testers Enterprises LLC

Ref. No: 17114

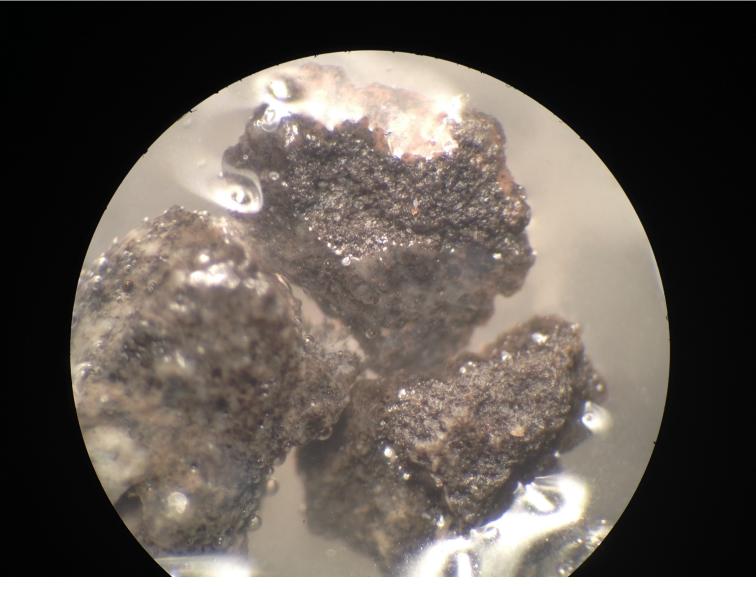
Printed: 2014.01.12 @ 07:32:00

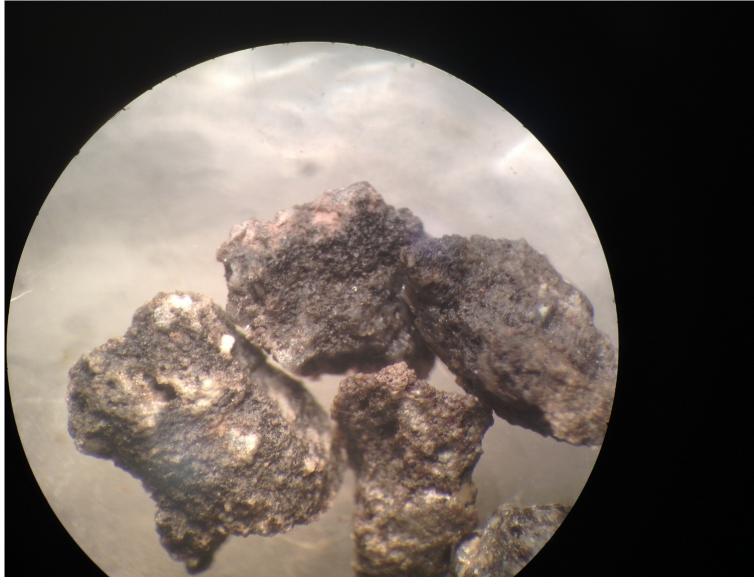
Fisher Farms 1-15 DST#3.jpg DRILL STEM TEST REPORT Shelby Resources 15-25s-14w-Stafford ENT PRISES LLC 2717 Canal Blvd.Hays Kansas **Fisher Farms 1-15** 67601 Job Ticket: 19171 DST#: 3 ATTN: JeremySchwartz Test Start: 2014.01.12 @ 07:58:00 **GENERAL INFORMATION:** Viola Formation: Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial) Time Tool Opened: 09:47:30 Tester: Dustin Elis Time Test Ended: 13:09:30 Unit No: 3315-Great Bend-82 4170.00 ft (KB) To 4280.00 ft (KB) (TVD) Reference Elevations: 1979.00 ft (KB) Interval: Total Depth: 4280.00 ft (KB) (TVD) 1966.00 ft (CF) 7.88 inchesHole Condition: Fair KB to GR/CF: 13.00 ft Hole Diameter: Serial #: 8159 Press@RunDepth: 939.17 psia @ ft (KB) Capacity: 5000.00 psia Start Date: 2014.01.12 End Date: 2014.01.12 Last Calib.: 2014.01.12 Start Time: 07:58:00 End Time: 13:09:30 Time On Btm: 2014.01.12 @ 09:46:30 Time Off Btm: 2014.01.12 @ 11:02:30 TEST COMMENT: 1st Open 10 minutes Weak building blow built to 2 inches into a gallon bucket of water 1st Shut in 45 minutes No blow back 2nd Open 15 minutes Dead -Pulled tool 2nd Shut in N/A PRESSURE SUMMARY Pressure vs. Time 8159 Tempera Time Pressure Temp Annotation (Min.) (psia) (deg F) 0 2170.69 115.98 Initial Hydro-static 110 200 106.52 115.78 1 Open To Flow (1) ΪŴ 1760 10 939.17 116.41 Shut-In(1) Ŵ٨ 100 56 1333.65 116.86 End Shut-In(1) 1500 Open To Flow (2) 56 184.76 116.56 1250 1965.70 117.30 Final Hydro-static 76 1000 (deg) 750 600 l. 8AM 12 Sun Jan 2014 OOM . 11AM 12PM Time (Hours) Recovery Gas Rates Description Volume (bbl) Choke (inches) Pressure (psia) Gas Rate (Mcf/d) Length (ft) 10.00 Mud 100% 0.05

Superior Testers Enterprises LLC

Ref. No: 19171

Printed: 2014.01.12 @ 23:25:14





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

Phone 785-483-2025

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

No. 7041

Lease Fisher Forms Well No. 1-15 Contractor Sterling #5 Type Job Surfere Hoe Size J'14 To 905' To 905' Case	Cell 785-324-1041											
Lecation J § 1 + 50 55 5 W 3/45 W/mm Lease Fisher Forms Well No. 1 - 15 Contractor Sterling #5 Yo Carl Provided Common Transmission of contractor to do work as listed Provide Size 12 Yu TD. 905 ' Carl Contractor Sterling #5 You are hereby requested to rent common gauginered and furnish Provide Size 12 Yu TD. 905 ' Carl Contractor I boy Market Charge Shelby Associated to rent common and furnish Provide Size 12 Yu TD. 905 ' Carl Contractor I boy Market Charge Shelby Associated to rent common and supportation of contractor. Carl Contractor I boy Market Charge Shelby Associated to rent common and supportation of contractor. Carl Contractor I boy Market Displace 55 Ya bii Show and one to satisfactor and supportation of contractor. Carl Contractor I boy Market Displace 55 Ya bii Show and one to satisfactor and supportation of contractor. Carl Contractor I boy Market Displace 55 Ya bii Show and one to satisfactor and supportation of contractor. State In Displace Size Show J bis	Sec.	Twp.	Range	93.8	County	State	On Location					
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BASSIC energy services, L.P.

TREATMENT REPORT

Customer	N Re	Source	SLIC	ease No.			1999 - 1999 -	2	Date	1	1.			
Lease Fig	sher	Farms		/ell # 1	-1	5	9	as lit		-	1			
Field Order #	Statio		- trans	as		Casing	Drill Pepth	e	County	51	aff	ord Tansas		
Type Job	N.W	PlugT		don			Formation				Legal D	escription 5-14W		
PIPE	DATA	PERI	nt	FLUID USED			TREATMENT RESUME							
Casing Size	Tubing Si	ze Shots/F	te 21	0 59	Aci	1560/1	toPoz	and the state	RATE	PRES	SS	ISIP		
Depth	Depth	From	То		Pre	Pad wit	h48 Tot	MarGel				5 Min.		
Volume	Volume	From	To 3.81		B. Gal., 6.92		6.92	Min 1.1str. 1,4300			CU, F	10 Min.		
Max Press	Max Pres	S.I From	То		Frac			Avg			15 Min.			
Well Connection		From	То	То		Flush		HHP Used				Annulus Pressure		
Plug Depth Customer Repre	Packer De	From	То	Statior	101 102/28	prill	ingmude	Gas Votum	Trea	Wat	er	Total Load		
	esentative	llen				tel	vin Gora	dley	C	aver	nce K	Messich		
Service Units	37,216	27,463	19,831 D	19,86	2									
Names (1) e g	Casing	Tubing		rson										
Time	Pressure	Pressure	Bbls. Pum	ped		Rate		b		Servi	ce Log	10 - + '		
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11:35		500	<u> </u>	54	1.7	5	4.330 Feet- 50 suchs cement. Start Fresh water Pre-Flush.							
11		500	20	5		5	Start	Mixina			101			
	1	400	3	2		5	Start	vt Fresh water Displacement						
	÷	200	42			5	Start Drilling mud Displacement							
11:55	á.	-0-	90		0	1	Stop	pumpi	ng.		l			
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2:15		225		· · · · · · · · · · · · · · · · · · ·		5	Start Freshwater Pre-Flush.					Flush.		
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4:45							Jobe	omple	le		0			
10244	NE Hiv	vay 61 • I	P.O. Box	8613	• Pr	att, KS	67124-86 ⁻	13 • (620	0) 672	2-120)1 • Fa	x (620) 672-5383		

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