Confidentiality Requested: Yes No

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

1237973

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 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: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
	Elevation: Ground: Kelly Bushing:
Gas D&A ENHR SIGW	Total Vertical Depth: Plug Back Total Depth:
GG GSW Temp. Abd.	Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No
	If yes, show depth set: Feet
If Workover/Re-entry: Old Well Info as follows:	
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)
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls
Dual Completion Permit #:	Dewatering method used:
SWD 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 TwpS. R East West
Recompletion Date 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 Two	1237973		
Operator Name:	Lease Name:	Well #:		
Sec TwpS. R □ East □ West	County:			
INCTRUCTIONS. Chow important tang of formations panatrated	Dotail all coros Roport all fina	Leopies of drill stoms tasts giving interval tasted, time tool		

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 Shi	eets)	Yes No		-	on (Top), Depth a		Sample
Samples Sent to Geolog	gical Survey	Yes No	Name	Ð		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASING Report all strings set-o	RECORD Ne		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 / SQU	EEZE RECORD			
Purposo:	Denth						

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing				
Plug Back TD				
Plug Off Zone				

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

Yes	No
Yes	No

No

(If No, skip questions 2 and 3) (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					ŀ		ement Squeeze Record I of Material Used)	Depth	
TUBING RECORD:	Si	ze:	Set At:		Packe	r At:	Liner Rı	un:	No	
Date of First, Resumed	I Product	ion, SWD or ENHI	٦.	Producing Me	thod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bt	ls.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
						PRODUCTION INTER	RVAL:			
Vented Solo	d 🔤	Used on Lease		Open Hole	Perf.	(Submit	Comp. 4 <i>CO-5)</i>	Commingled (Submit ACO-4)		
(If vented, Su	ıbmit ACC	D-18.)		Other (Specify) _				. ,		

Form	ACO1 - Well Completion		
Operator	Shelby Resources LLC		
Well Name	Hanshew Trust 1-34		
Doc ID	1237973		

All Electric Logs Run

Dual Induction
Compensated Neutron
Micro
Sonic

Form	ACO1 - Well Completion
Operator	Shelby Resources LLC
Well Name	Hanshew Trust 1-34
Doc ID	1237973

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Type and Percent Additives
Surface	12.25	8.625	23	1063	60/40 Poz	2% gel / 3% cc

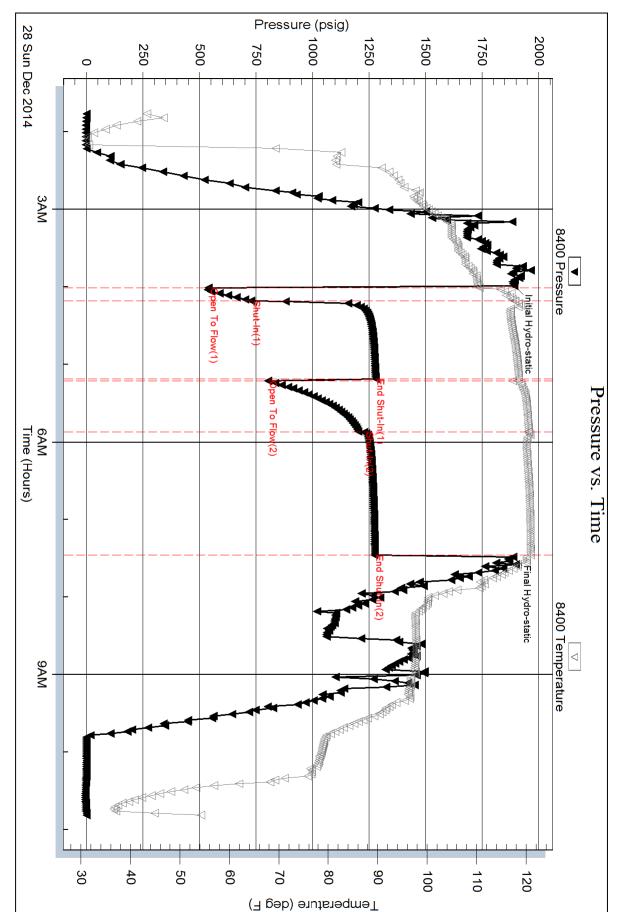
RILOBITE	DRILL STEM TE	ST REPO	DRT				
	Shelby Resources L.L.C	31-21s-17w Pawnee					
ESTING , IN	445 Union blvd suite 208 Lakev	Hanshew Trust #1-34					
		Job Ticket: 61899 DST#:1				#: 1	
	ATTN: Keith Reavis		Tes	t Start: 20	014.12.28	8 @ 01:45:00)
GENERAL INFORMATION:	•						
Formation:ArbuckleDeviated:NoWhipstockTime Tool Opened:04:00:30Time Test Ended:10:48:30	ft (KB)		Tes	ter:	Bottom H Jared Sc S5-Great		
Total Depth: 3925.00 ft (KB)	3925.00 ft (KB) (TVD) TVD) ble Condition: Fair		Ref	erence Ele KB 1	evations: to GR/CF	2022.	00 ft(KB) 00 ft(CF) 00 ft
Serial #: 8400 Inside							
Serial #. 6400InsidePress@RunDepth:1229.64 psigStart Date:2014.12.24Start Time:01:46:04	End Date:	2014.12.28 10:48:30	Capacity Last Cali Time On Time Off	b.: Btm:		5000. 2014.12. 28 @ 03:59: 28 @ 07:29:	00
FSIP-90 Minute Pressare v				RESSUF		/MARY	
	S400 Temperature 8400 Temperature Rithmanning Rithmanning Rithmanning	Time	Pressure	Temp	Anno	tation	
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		2	539.71	110.56	· ·	o Flow (1)	
		12	726.77	117.60			
		72	1278.85 801.20		End Sh Open T	o Flow (2)	
		113	1229.64	120.50		. ,	
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		210	1000.72	120.07		yuro-static	
28 Sun Dec 2014 Time (Ho							
Recover	1	++		[s Rates		
Length (ft) Description	Volume (bbl)			Choke (i		ressure (psig)	Gas Rate (Mcf/d)
2400.00 w ater	32.85			- ! `	Į		ļ
0.00 resistivity .3@56degre	es 0.00						
0.00 chlorides 28,000	0.00						

	RILOBITE	.						_			
TESTING, INC.		Shelby Reso	31-21s-17w Pawnee								
		445 Union blv	vd suite 208 L	_akew o	od CO 80228	B Hanshew Trust #1-34					
						Job	Ticket: 6	1899	DS	ST#: 1	
		ATTN: Keith	n Reavis			Tes	t Start: 2	014.12.	28 @ 01:45	:00	
ENERAL	INFORMATION:										
-	Arbuckle No Whipstock: ened: 04:00:30 ded: 10:48:30	ft ((KB)			Tes	t Type: ter: t No:	Jared S	Hole (Initial) Scheck eat Bend-		
terval:	3815.00 ft (KB) To 39	925.00 ft (KB) (TVD)			Ref	erence E	levations	s: 203	5.00	ft (KB)
otal Depth:	3925.00 ft (KB) (T	VD)				2022.00 ft (C				ft (CF)	
ole Diameter	r: 7.88 inchesHole	e Condition: Fa	lir				KB	to GR/C	CF: 1	13.00 ft	
erial #: (
ess@RunD art Date:	Depth: psig 2014.12.28	@ 3922.00 End Dat			2014.12.28	Capacity Last Cali			500 2014.1	0.00	psig
art Time:	01:48:44	End Time:			01:48:44	Time On Btm:			2011.1	2014.12.20	
						Time Off	Btm:				
EST COM	IMENT: IFP-10 Minutes-S ISIP-60 Minutes- FFP-45 Minutes- FSIP-90 Minutes	Blow back 4 inc Strong blow bu -No blow back	hes			minute					
	ISIP-60 Minutes- FFP-45 Minutes-	Blow back 4 inc Strong blow bu -No blow back	hes ilt bottom of b	ucket ir	n less then 1	minute P			JMMARY		
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	ISIP-60 Minutes- FFP-45 Minutes- FSIP-90 Minutes Pressure vs. 7	Blow back 4 inc Strong blow bu -No blow back	hes ilt bottom of b	oucket ir	n less then 1	minute P Pressure	Temp	Ann			
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	ISIP-60 Minutes- FFP-45 Minutes- FSIP-90 Minutes Pressure vs. 7	Blow back 4 inc Strong blow bu -No blow back	hes ilt bottom of b	51 52 53 53 54 54 55 55 55 55 55 55 55 55 55 55 55	n less then 1	minute P Pressure	Temp	Ann			
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1.695	ISIP-60 Minutes- FFP-45 Minutes- FSIP-90 Minutes Pressure vs. 7	Blow back 4 inc Strong blow bu -No blow back	hes ilt bottom of b	44	n less then 1	minute P Pressure	Temp	Ann			
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Job Ticket: 61899 DST#:1 ATTN: Keith Reavis Test Start: 2014.12.28 @ 01:45:00 ATTN: Keith Reavis Oll API: deg API ud Yope: 52.00 sec/qt Cushion Length: ft Scosity: 52.00 sec/qt Cushion Volume: bbl Attr: Start: Scosity: 6.80 in ³ Gas Cushion Type: esistivity: ohmm Gas Cushion Pressure: psig alinity: 5100.00 pm Ecovery Information Ecovery Table Ecovery Table Ecovery Table Description Volume ft Description Volume 0.00 resistivity 3.@56degrees 0.000 0.00 chorides 28,000 0.000 0.00 chorides 28,000 0.000 0.00 chorides 28,000 0.000 0.00 chorides 28,000 0.000 <td></td> <td></td> <td>DRI</td> <td>LL STEM TEST REPOR</td> <td>Т</td> <td>1</td> <td>FLUID SUMMA</td>			DRI	LL STEM TEST REPOR	Т	1	FLUID SUMMA
Job Ticket: 61899 DST#:1 ATTN: Keith Reavis Test Start: 2014.12.28 @ 01:45:00 ATTN: Keith Reavis Oll API: deg API ud Yope: 52.00 sec/qt Cushion Length: ft Scosity: 52.00 sec/qt Cushion Volume: bbl Attr: Start: Scosity: 6.80 in ³ Gas Cushion Type: esistivity: ohmm Gas Cushion Pressure: psig alinity: 5100.00 pm Ecovery Information Ecovery Table Ecovery Table Ecovery Table Description Volume ft Description Volume 0.00 resistivity 3.@56degrees 0.000 0.00 chorides 28,000 0.000 0.00 chorides 28,000 0.000 0.00 chorides 28,000 0.000 0.00 chorides 28,000 0.000 <td></td> <td></td> <td>Shelby</td> <td>Resources L.L.C</td> <td>31-21s-17</td> <td>w Pawnee</td> <td></td>			Shelby	Resources L.L.C	31-21s-17	w Pawnee	
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		Recovery Com	ments: cir	c sub used			

Printed: 2014.12.28 @ 12:20:34

Ref. No: 61899



Serial #: 8400

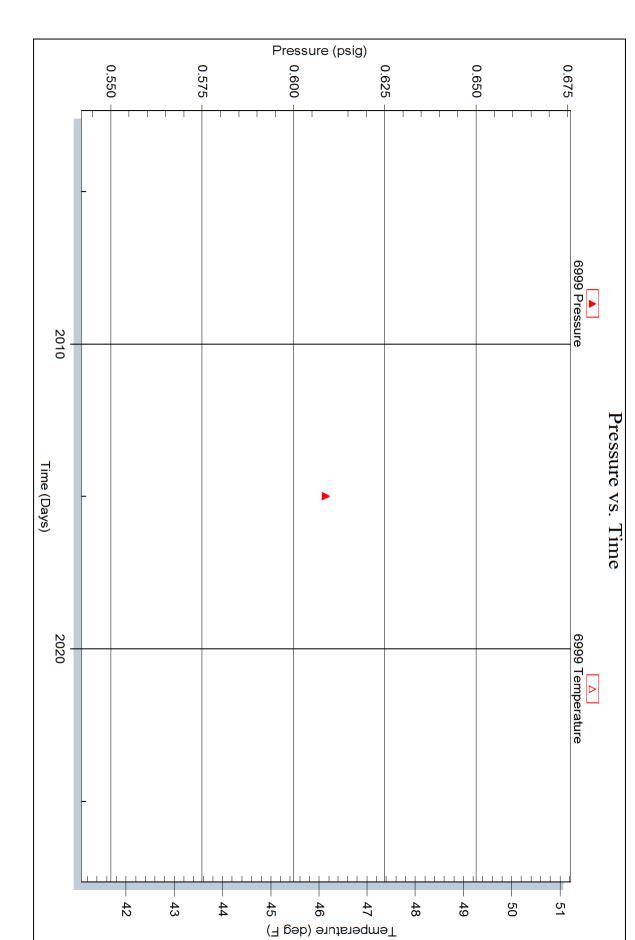
Inside Shelby Resources L.L.C

Hanshew Trust #1-34

DST Test Number: 1

Printed: 2014.12.28 @ 12:20:34

Ref. No: 61899



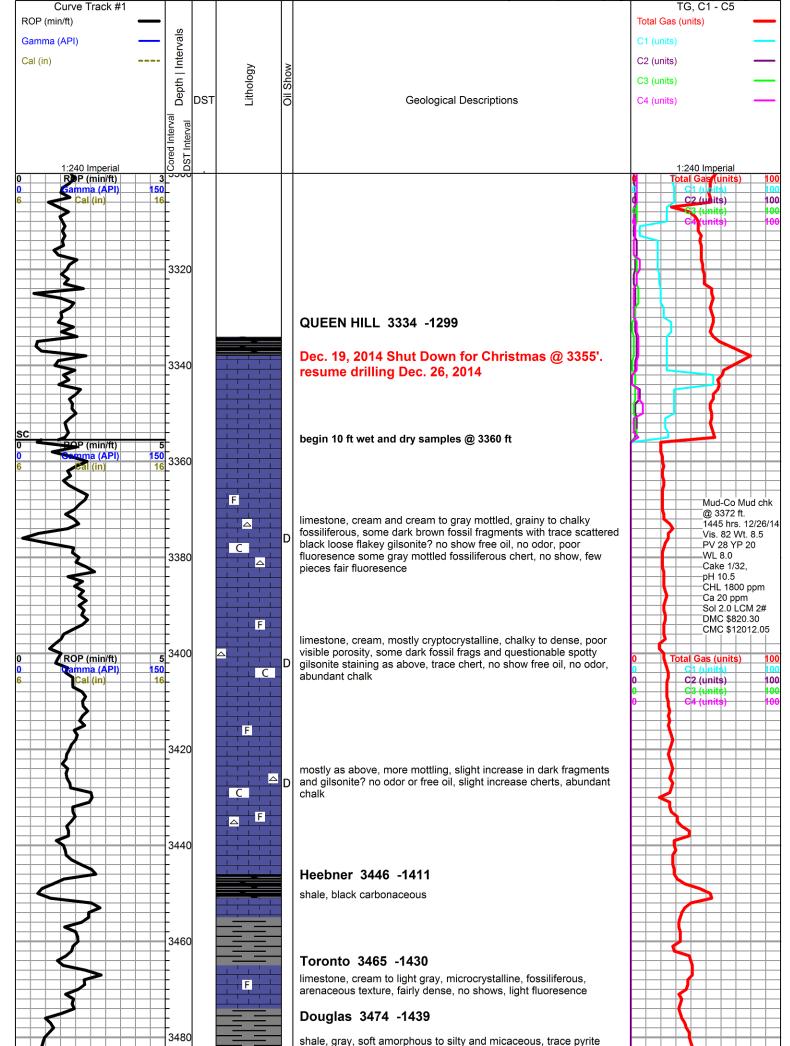
Serial #: 6999 Outside Shelby Resources L.L.C

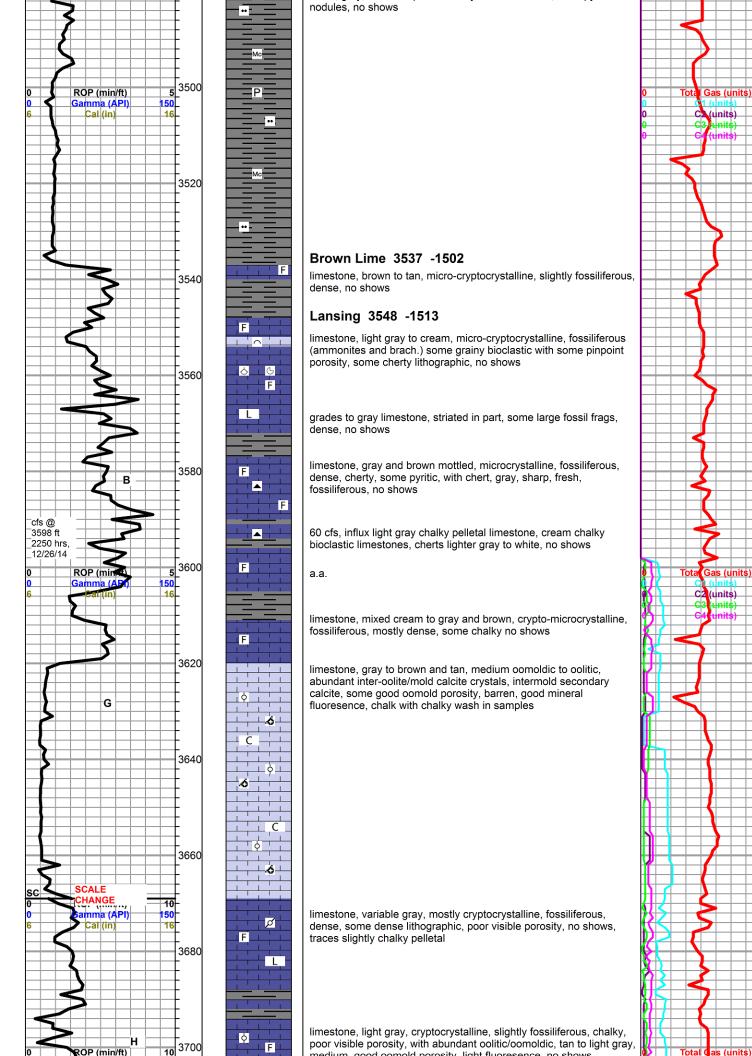
Hanshew Trust #1-34

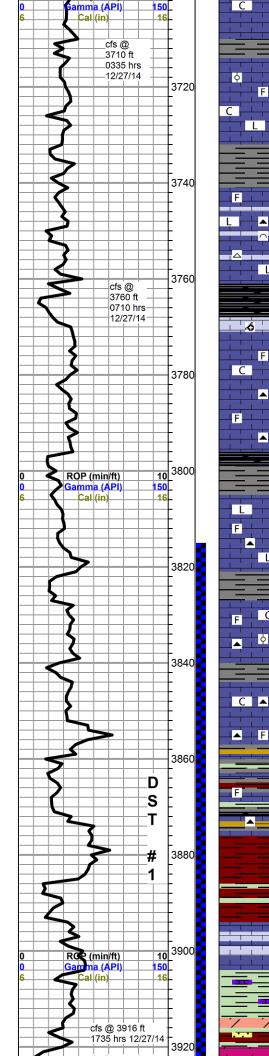
DST Test Number: 1

Trilobite Testing, Inc

Printed by GEOstrip VC Striplog version 4.0.8.15 (www.grsi.ca)







medium, good comold porosity, light hubresence, no shows

limestone, cream to light gray, mostly cryptocrystalline, fossiliferous, dense cemented oolitic, fairly mature, some flattened, no porosity, no shows

grades to more lithographic with some chalk, no shows

limestone, cream to light gray, cryptocrystalline, fossiliferous, some chalky bioclastic, some scattered sub-oomoldic with some porosity, abundant lithographic, dense, light gray to white chert, fossiliferous, sharp/fresh to slighty weathered, some light fluoresence, no shows

Stark Shale 3761 -1726

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limestone, tan, oomoldic, good porosity, barren, with limestone, mixed gray to cream, fossiliferous, chalky to dense, some chalk and scattered gray cherts, no shows

limestone, light gray, cryptcrystalline, mostly lithographic, some slightly fossiliferous, some chalky arenaceous, no shows, trace chert

Base KC 3822 -1787

limestone, tan to light gray and cream, mostly cryptocrystalline, lithographic to fossiliferous, some recrystallized oolitic, trace brown and gray chert, some dark gray limey shales, no shows, influx chalk

mixed limestones and chert as above, limestones and cherts exibit some weathering, some sandy limestones, influx maroon cast limestones, some rose colored fresh chert in 3860 sample

mixed shales and limestone, notably some lavender tint shales and limestone with slight influx mixed chert, yellow to orange, sharp, fresh, no shows

3890 sample, flood red sticky soft shale, abundant gray micaceous shale, heavy red wash

3900 samle, competent shales red, red/green/gray mottled, lavender, some mixed limestone, cherts drop out, soft mushy shales and red wash drop out

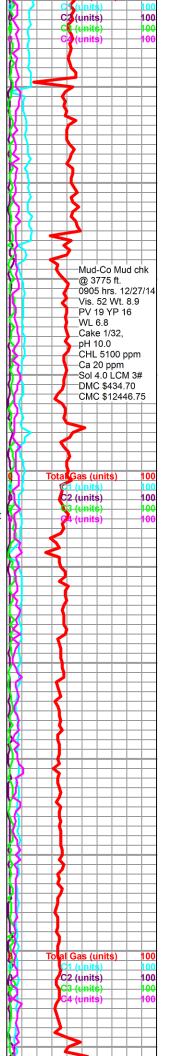
3910 sample - limestone, light gray to cream, microcrystalline, fossiliferous, grainy in part, some chalky, no visible porosity or shows, some chalk in samples, marked decrease in shales

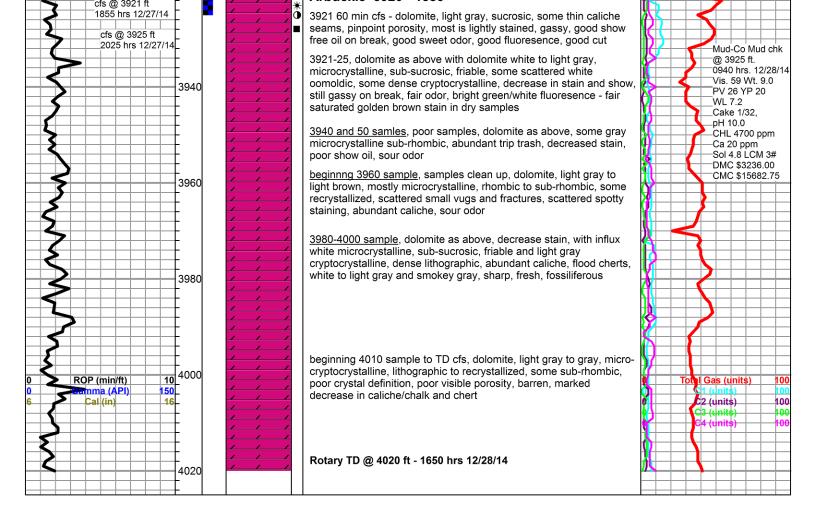
3916 sample, flood soft green mushy shale, some dark green limey shale and shaley foss. limestone, flood caliche, very milky wash

3916 cfs - dolomite, light gray to pale gray/green, microcrystalline, arenaceous, weathered, abundant caliche, fair sour odor, no show free oil or staining, fair fluoresence - 3921 cfs, flood shale, red, maroon, green and gray, long slivers, trace shaley quartz sandstone, med. grain, well rounded, some glauconite, no porosity or shows

Arbuckle 3920 -1885

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

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

Phone 785-483-2025

No.1106

Cell 785-324-1041		lements (34,47)					Show 1
Date 12-17-14 Sec.	Twp.	Range	10	County	State	On Location	5°00 PM
	Trust	ser sebuse		on harred	L.KS - 400	on 156 Hw	in to 160 th RL
Lease Hanshew	We	ell No.	34	Owner 15	3/4 E N	12 Ato	<u>}</u>
Contractor Sterling	#5	1 · · · %435	(CORRECT)	You are here	ilwell Cementing, In	t cementing equipme	nt and furnish
Type Job Surface				cementer an	d helper to assist o	wner or contractor to c	to work as listed.
Hole Size 1214	T.D.	1068'	io partico	Charge <	Shelby F	resources	
Csg. 8 5/8 11	Depth	1063'	ns od 48.	Street)		
Tbg. Size	Depth	108115112 83	an Inepa	City	and the state of the second	State	1000000000
Tool	Depth	·· · ·			"	and supervision of owne	··· · · · · · · · · · · · · · · · · ·
Cement Left in Csg. 28,70'	Shoe Join		70	Cement Amo	ount Ordered 45	0 60/40 3	foll 2% be
Meas Line	Displace	653	14 BLS	12 # FK	o-seal		
EQUIPN	AENT			Common	D		
Pumptrk 16 No. Cementer 8	1/14			Poz. Mix / 8	20		
Bulktrk 21 No. Driver	10 I			Gel. 9	1.1.1. <u></u>		i se noti negative
Bulkirk D. U. No. Driver Ric	R			Calcium)		1968.40
JOB SERVICES	& REMAR	KS		Hulls			
Remarks: Cement did	1 0:	cur late		Salt	We also -	fridge det i to an it	n Materia
Rat Hole				Flowseal 2	25#	e (Cr)	
Mouse Hole			9 v	Kol-Seal			
Centralizers			1984. 	Mud CLR 48	3	e i de la compañía de	
Baskets	lan (20) a 💡	ours: RysReers	1. 	CFL-117 or	CD110 CAF 38	and all products	
D/V or Port Collar			n- ternd	Sand			Real of the light state
				Handling 9	179		
				Mileage			9
					FLOAT EQUIP	MENT	***
				Guide Shoe			1
				Centralizer	Baffic p	bite	
				Baskets	Kubber !	plug	
the set of a set of the set				AFU Inserts			
SHADLE A CLUB A HAR				Float Shoe			RUL
	Constant Providence			Latch Down			333
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				Pumptrk Ch	arge Long	Surface	
				Mileage 28	3		
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			di hata di			Discour	1t
X Signature alan Lotto	**************************************			() (2017) () (2017)		Total Charg	e
- c- c- g							

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

Phone 785-483-2025 Cell 785-324-1041		H	ome Office	P.O. B	ox 32 Ru	issell, KS 67665	No.	.1108
Date 12:29-14	Sec. 34	Twp.	Range	10	County	State Ks	On Location	9:00 AM
Lease Hanshe	is t	inst [Well No.	Locati	on Lasn	5 3/4 E N	is on 15t	Hury to 160Rd
Contractor Sterl; Type Job Plug	3	5		<u></u>	You are her	Oilwell Cementing, Inc reby requested to ren and helper to assist ow	cementing equipment	
Hole Size 77/8	1.301.19	T.D.	4020'		Charge Charge	Shelby	Resources	<u> </u>
Csg. Tbg. Size 4 4 T	PT	Depth Depth	3920'		Street City		State	
Tool		Depth	nde byf 1.	(80), <u>-</u>	The above v	vas done to satisfaction		r agent or contractor.
Cement Left in Csg. Meas Line		Shoe Jo Displace	11 . 1	mud	Cement An	nount Ordered	0 (2)/90 "	13 601
No. Ceme				11.0000	Common	26	en gello en trans Estas	
Pumptrk // No. Helpe Bulktrk / 5 No. Driver	r Le	m Tixta	Ŵ		Poz. Mix Gel.	59	10000 (ARC) (ARC) 80000 (ARC)	n in souther test
Bulktrk P. No. Driver	Do	K			Calcium		entropetto entrop	01.0079.00
	RVICES	& REMA	RKS		Hulls		, e Martin Statisticae 1910 - Griffi	
Remarks: Rat Hole 3920	1 -	50	Sλ	1	Salt Flowseal	Sott	e atian <u>na francia.</u> Ioid hamless II.	n <mark>en de la composition.</mark> E 1978 de 1965 de la defe
Mouse Hole 11001		50	5X	i (ig.	Kol-Seal	<u>.</u>	<u>in singhappina</u>	
Centralizers 260'	<u>بع</u>	40	SX		Mud CLR 4	1	net de la contratera	Contraction (Contraction)
Baskets 60 D/V or Port Collar Ka-	the	- 30	5X SX	<u></u>	Sand	r CD110 CAF 38		n Charles Contraction
Mora 3	chole		0.5%		Handling	2/7		
	4		1		Mileage	FLOAT EQUIP	AENT	
Cement	d.	d	Circa	ane_	Guide Sho Centralizer			<u>s Addense</u> geboor anderse
					Baskets AFU Insert Float Shoe Latch Dow	S		
					Pumptrk C Mileage	harge p/wg		
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X Signature Alm	to,	Hi	5. 		eseren i - Aneresere		Total Charge	
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