KOLAR Document ID: 1456989

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1
January 2018
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.:
Name:	Spot Description:
Address 1:	
Address 2:	Feet from
City:	Feet from
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:, (e.axxx.xxxxx)
Name:	Datum: NAD27 NAD83 WGS84
Wellsite Geologist:	County:
Purchaser:	
Designate Type of Completion:	Lease Name: Well #:
☐ New Well ☐ Re-Entry ☐ Workover	Field Name:
☐ Oil ☐ WSW ☐ SWD ☐ Gas ☐ DH ☐ EOR	Producing Formation: Kelly Bushing:
☐ OG ☐ GSW	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 EOR □ Conv. to SWD □ Plug Back □ Liner □ Conv. to GSW □ Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Commission Powert #1	Chloride content:ppm Fluid volume: bbls
☐ Commingled Permit #: ☐ Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	•
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	QuarterSecTwpS. R East West
Recompletion Date Recompletion Date	Countv: 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 Drill Stem Tests Received							
Geologist Report / Mud Logs Received							
UIC Distribution							
ALT I II III Approved by: Date:							

KOLAR Document ID: 1456989

Page Two

Operator Name: _				Lease Name:		Well #:					
Sec Twp.	S. R.	E	ast West	County:							
	flowing and shu	ut-in pressures, v	vhether shut-in pre	ssure reached st	atic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,			
Final Radioactivity files must be subm						iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log			
Drill Stem Tests Ta			Yes No			on (Top), Depth ar		Sample			
Samples Sent to 0	Geological Surv	/ey	Yes No	Na	me		Тор	Datum			
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No								
		B	CASING eport all strings set-c		New Used	ion, etc.					
Purpose of Strir		Hole illed	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives			
			ADDITIONAL	CEMENTING / SO	UEEZE RECORD						
Purpose:		epth T Bottom	ype of Cement	# Sacks Used	Type and Percent Additives						
Perforate Protect Casi Plug Back T											
Plug Off Zor											
Did you perform a Does the volume Was the hydraulic	of the total base f	fluid of the hydrauli		_	=	No (If No, sk	ip questions 2 an ip question 3) out Page Three	,			
Date of first Product Injection:	tion/Injection or R	esumed Production	Producing Meth	nod:	Gas Lift 0	Other (Explain)					
Estimated Production Per 24 Hours	on	Oil Bbls.					Gas-Oil Ratio	Gravity			
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			DN INTERVAL: Bottom			
	Sold Used	I on Lease	Open Hole			mmingled mit ACO-4)	Тор	BOROTT			
,	,			B.11 B1							
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid,	Fracture, Shot, Cer (Amount and Kind	menting Squeeze I of Material Used)	Record			
TUBING RECORD:	: Size:	Set	Δ+-	Packer At:							
TODING RECORD:	. 3126.	Set	n.	i donei Al.							

Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	KELLS I 3
Doc ID	1456989

All Electric Logs Run

All Electric Logs Ruit
ANNULAR HOLE VOLUME LOG 5 CASING
ARRAY COMPENSATED TRUE RESISTIVITY LOG 1
ARRAY COMPENSATED TRUE RESISTIVITY LOG 2
ARRAY COMPENSATED TRUE RESISTIVITY LOG 5
ARRAY TRUE RESISTIVITY SPECTRA DENSITY DUAL SPACED NEUTRON BOREHOLE SONIC QUAD COMBO LOG
BOREHOLE COMPENSATED SONIC LOG
MICROLOG
SPECTRAL DENSITY DUAL SPACED NEUTRON LOG

Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	KELLS 3
Doc ID	1456989

Tops

Name	Тор	Datum
HEEBNER	4118	
TORONTO	4134	
LANSING	4200	
MARMATON	4762	
PAWNEE	4850	
CHEROKEE	4909	
ATOKA	5049	
MORROW	5185	
CHESTER	5355	
ST GENEVIEVE	5366	

Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	KELLS 13
Doc ID	1456989

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	24	1831	CLASS A&C	SEE ATTACH ED
Production	7.875	5.5	17	5590	H/POZ	SEE ATTACH ED

MBC WELL

LOGGING LLC

Scale 1:240 (5"=100') Imperial Measured Depth Log

Well Name: KELL I 3 AFE 63121 MERIT ENERGY CO LLC

Well Id: API 15-081-22187-00-00

Location: HASKELL COUNTY, KANSAS USA

License Number: 32446 Region: WILDCAT

Spud Date: 2-28-2019 Drilling Completed: 3--2019

Surface Coordinates: 1350'fsl- 1442'fwl-SEC 32-T27S-R33W SW/SW/NE/SW

DUKE RIG 9 #5929 RODNEY GONZALES CO-MAN
Bottom Hole HLS-DIL/SP/GR CNL/CAL/PE/BHV SONIC SFC- GR TO SFC'

Coordinates:

Ground Elevation (ft): 3002 K.B. Elevation (ft): 3014 Logged Interval (ft): 4100 To: 5700 Total Depth (ft): Elog

Formation: ST LOUIS

Type of Drilling Fluid: MUDCO JUSTIN WHITING CELL (620)-214-3630

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: MERIT ENERGY CO LLC

Address: ATTN KRYSTIN ROBINSON GEOLOGY

13727 NOEL RD STE 1200 DALLAS, TEXAS 75240

MUDLOGGER

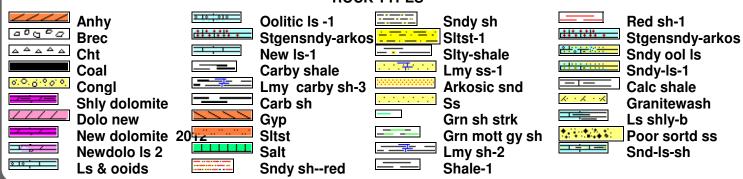
Name: AUSTIN GARNER//TROY FOWLER

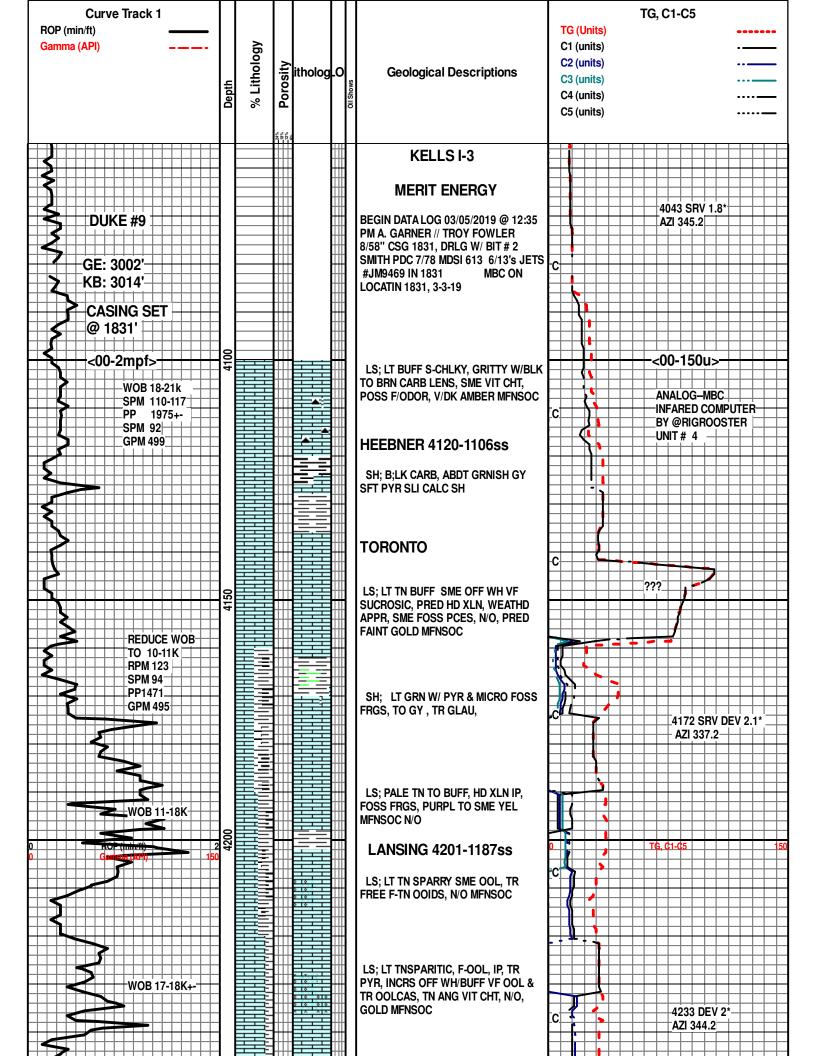
Company: MBC WELL LOGGING LLC

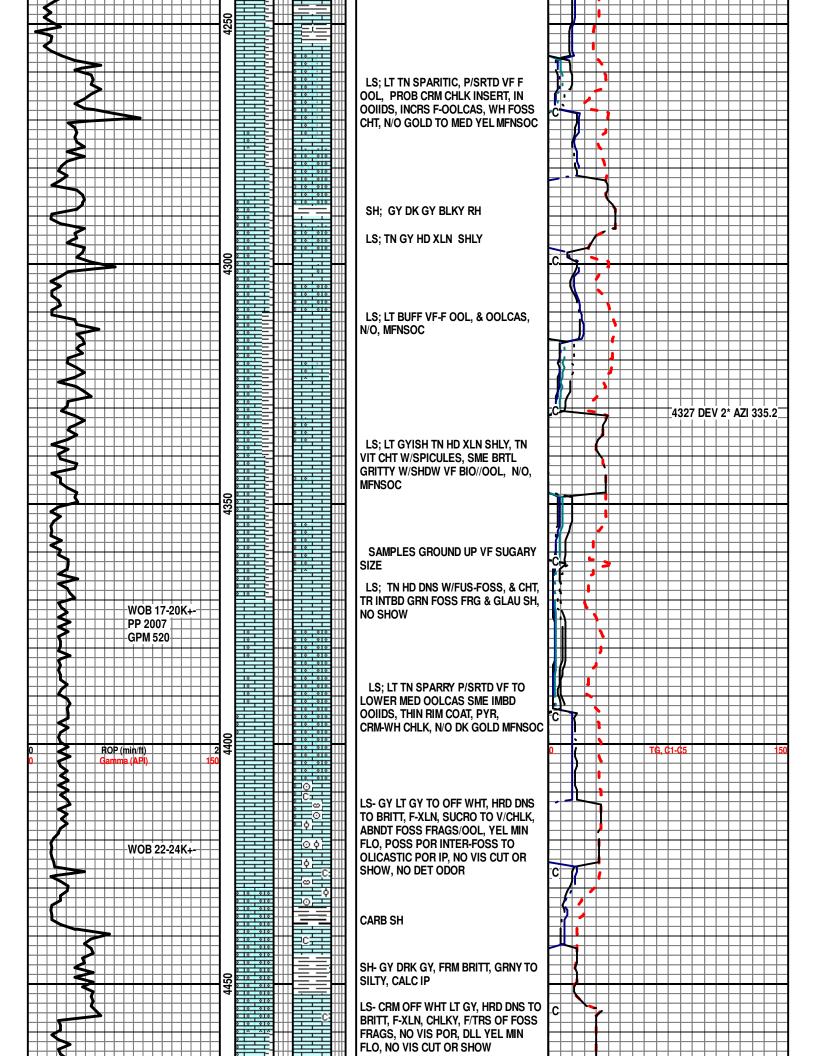
Address: 21156 RD 22

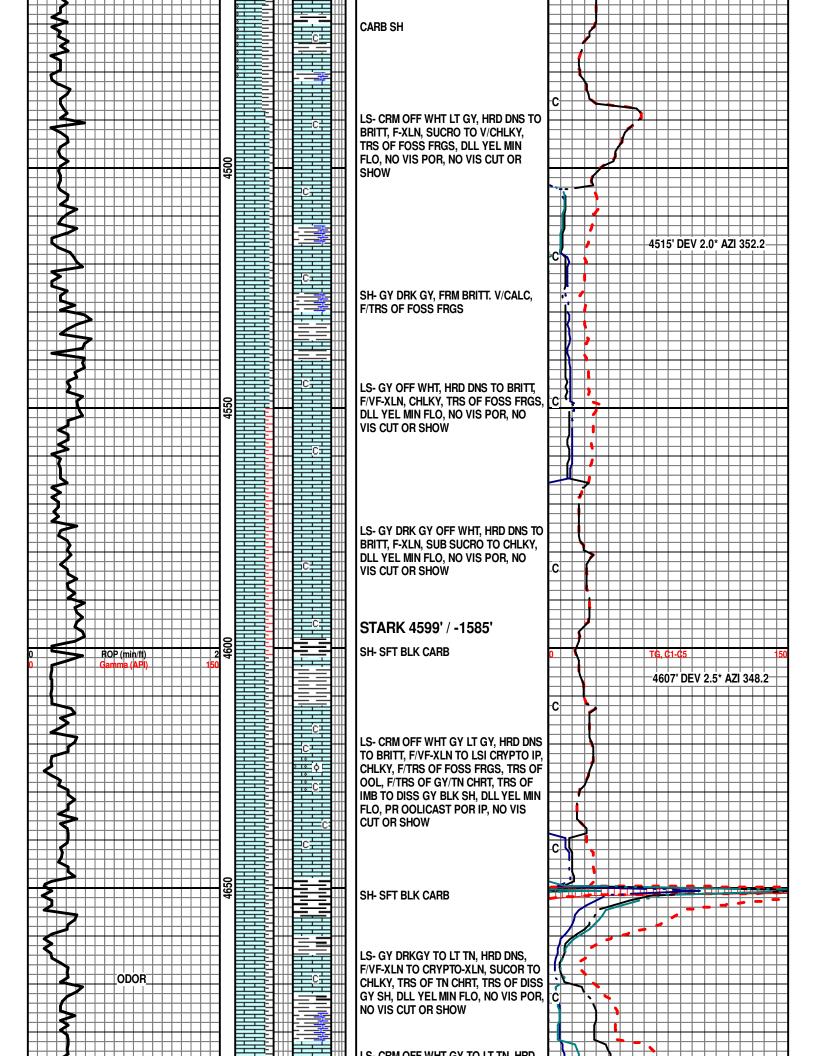
MEADE, KANSAS 67864

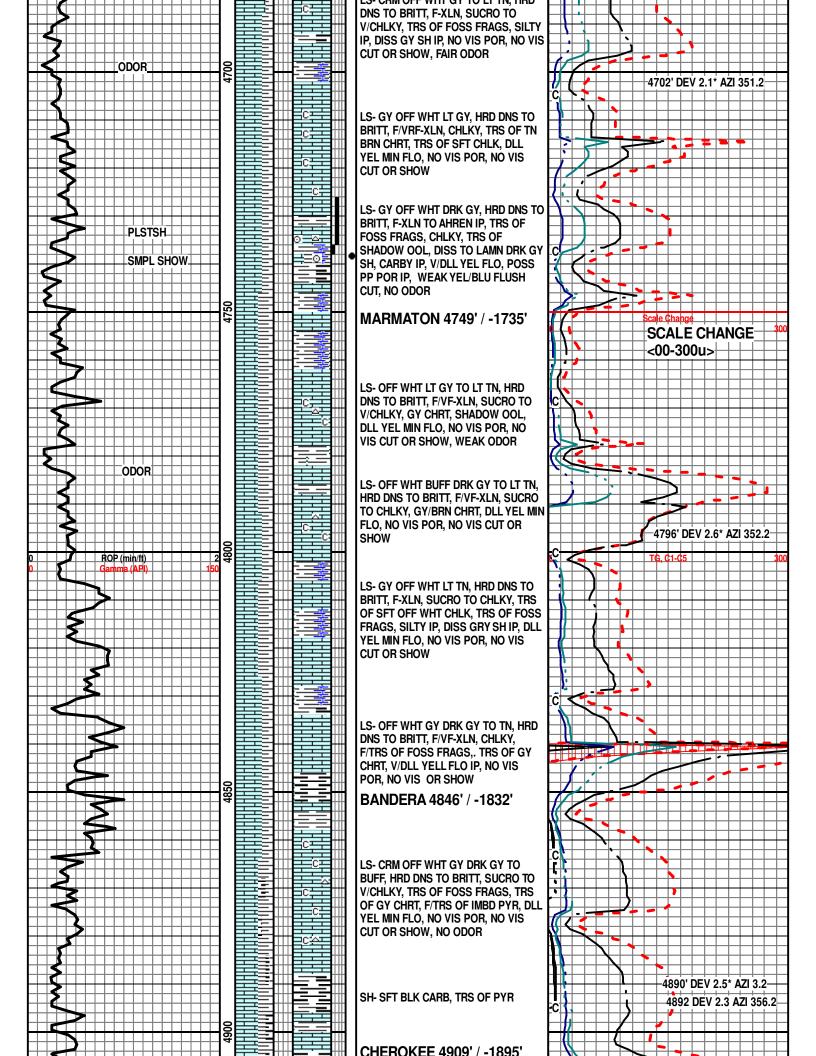
ROCK TYPES

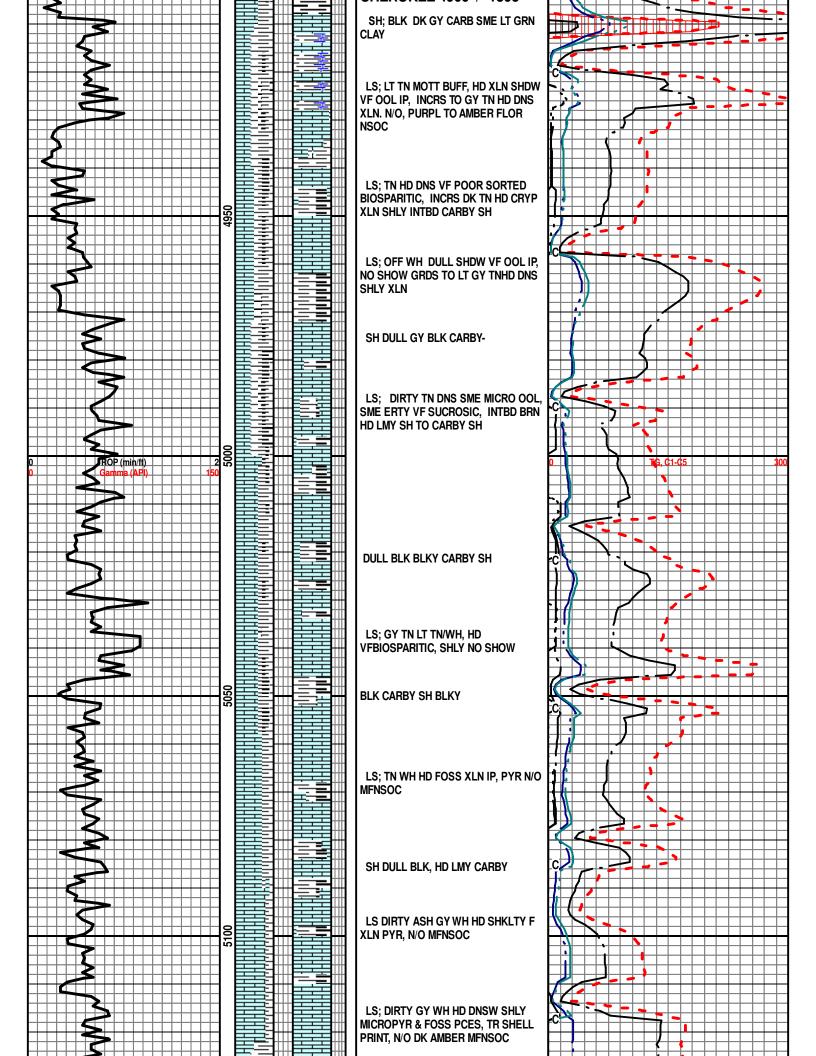


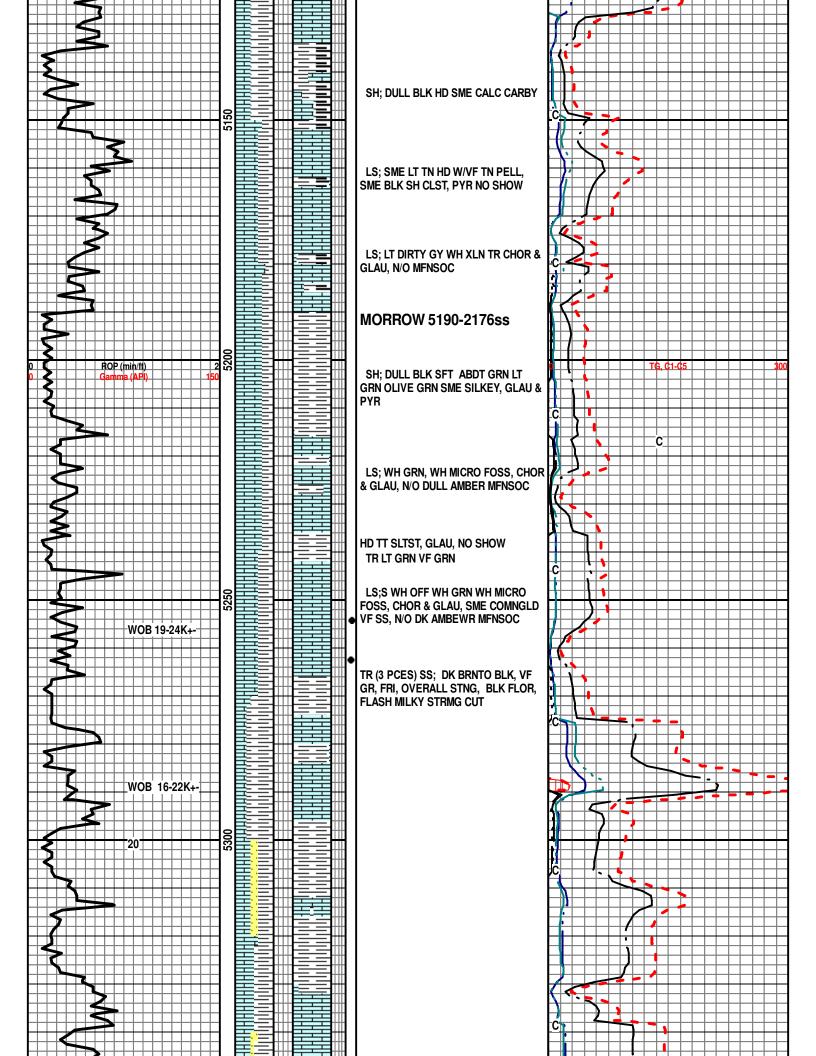


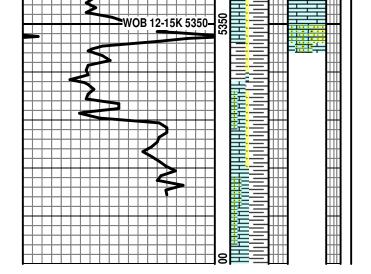


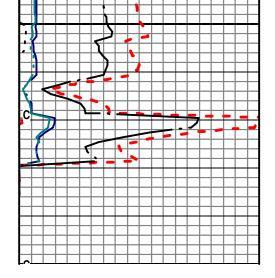














Liberal Yard #1717 - Phone 620-624-2277 - 1700 S. Country Estates Road, Liberal KS 67901

Job Log

	omer:		Merit Energy Cement Pump No.: 37223 19572 19HRS Operator TRK No.: 78								
Add	ress: Suble	tte.invoices@m	eriten	ergy.co	m Tie	:ket #:		8 19335 L		70	3938
City, State	, Zip: AFE#	62983			Job	Туре:			Bulk TRK	Santiago	14355 37
Service Dis	trict:				Well	Z42 - Cement Surface Cas					
Well Name and	No.:	Kells "I"	#3		Well Loc		00.07	32,27,33 County Hooks II			
Ту	pe of Cmt	Sacks	T		Additiv		32,27,	33 Cour	ty: Hask	ell state	e
A-0	Con' Blend	530	+						Truck	Loaded On	
			_	3%	Calcium Chloride	, 1/2# Ce	elloflake	33021 14	1284 Santiago	Front	Bad
Premiun	n Plus Ceme	nt 165		3%	Calcium Chloride	, 1/4# Ce	elloflake	1438	55 37724	Front	Bac
Lea	d/Tail:	Mainh #4		2 =						Front	Bac
	ead:	Weight #1 (jal. (Cu/Ft/sk	Water I	Require	ements	CU. FT.	Mai	Hours / Persor	
	ail:	14.8	-	2.41		14		1277.3	Man Hours:	64	
Time		Volume	+	1.34		6.33		221.1	# of Men on Job:	3	
(am/pm)	(BPN	5100000		Pumps		ressure(F			Description of Op	eration and Material	·
13:00pm	(=, 1,	(DBLS)		ГС	Tubing		Casing			and material	•
14:00pm			+	+	-	+-	2		Arrived a	t location	
15:30pm			+	-						ks/Rig up	
15:48pm			+	+		+-			Safety		
15:50pm	5	10	+	_			2500	Pressure test lines			
15:55pm	5	227.48	+	+-		-	30	10bbls of freswh water spacer			
16:26pm	5	39.37	+			-	140	Pump lead 227.48bbls at 12.1lbs from 530sks			
4:35pm		00.07	+			-	200	Pump ta	il 39.37bbls at	14.8lbs from 16	i5sks
4:36pm			+			+			Drop	plug	
			1			+		Start Displa	ccement of 11	3.9bbls with free	sh water
16:43pm	5	20	1		-	-					
16:48pm	5	40					130	2	Obbls gone wi	th fresh water	
16:53pm	5	60					200	4	Obbls gone wit	h fresh water	
16:57pm	5	80	1				300	6	Obbls gone wit	h fresh water	
17:01pm	5	100					480	80	Obbls gone wit	h fresh water	
17:02pm	5	103		+			520	10	Obbls gone wi	th fresh water	
17:07pm	3	113	T				500	10	3bbls gone sle	ow down rate	
						1 1	1200		Bump		
								Releas		neck if float hold	S
									No cement t		
6:00am	1									nt and temp. su	rvey
6:05am	1	5					20		Pump cemen		
41							20		Cement to		1
Size Hole	12 1/4	Depth		183	6 feet		7	YPE	obls from 21sk	s at 14.8lbs	
e & Wt. Csg.	8 5/8 24		18	331	New / Used			acker			
Shoe Joint	42 1/4	Depth			0000			etainer		Depth	
Top Plugs		Туре						erfs		Depth	
						Basic	Represent			or A. Corona	
stomer Sigr	nature:						Signature:	1		a Cerran	
									MUTER	1 (em	

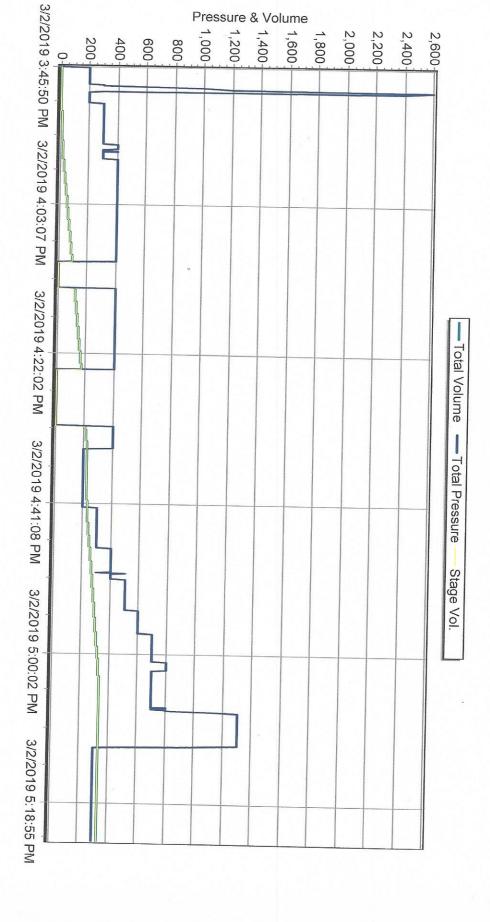


1700 S. Country Estates Raod

	ENERGY SI	ERVICES	Liberal, KS 67901 PH (620)-624-2277FAX (620) 624-2280	SERVICE ORDER -	1718 19335
Well Name:	-			Date:	3/2/2019
Kells "I" #3				Location:	
County - State Haskell, Ks				32,27,33 RRC #:	
Type Of Service				Customer's Order #:	
Z42 - Cemen	Customer:		no.		
	Customer.	Ment Ene	ergy		
		sublette.i	nvoices@meritenergy.com 983		
As a consideration, t default in payment of the collection costs a	he above named Cust f Customers account b and attorney fees. The	omer agrees to by such date, Cu se terms and co	pay Basic Energy Services In accord with the rates and terms stated in Basic Energy Services current price lists. Invoices are payable stomer agrees to pay interest thereon after default at 18% per annum. In the event it becomes necessary to employ an attorney to en nditions shall be governed by the laws of the state where services are performed or equipment or materials are furnished.	NET 30 (SEE 10.2) after date of invoi force collection of said account, Custor	ce. Upon Customer's ner agrees to pay all
Basic Energy Service PARTICULAR PURP	es., warrants only title	to the products E WHICH EXTE	supplies and materials and that the same are free from defects in workmanship. THERE ARE NO WARRANTIES, EXPRESS OR IM IND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Basic Energy Services, liability and Customer's isso airsing out of the sale or use of any products, supplies, or materials upon their return to Basic Energy Services, is expressly limite to Customer of credit for the cost of such Items. In no event shall Basic Energy Services be liable for special, indirect, punitive or cons	PLIED, MERCHANTABILITY, FITNESS	FOR A
CODE	QTY	UOM	DESCRIPTION		
CL101	530	Sk	DESCRIPTION 'A-Con' Blend	PRICE	TOTAL
CL110	186	Sk	Premium Plus Cement	18.60	9858.00
CC102	307	Lb	Celloflake	16.30 3.70	3031.80 1135.90
CC109	1809	Lb	Calcium Chloride	1.05	1899.45
CF253	1	Ea	Guide Shoe - Regular, 8 5/8" (Blue)	380.00	380.00
CF1453 CF1753	1	Ea	Flapper Type Insert Float Valves. 8 5/8" (Blue)	280.00	280.00
CF105	6	Ea Ea	Centralizer, 8 5/8" (Blue)	90.00	540.00
E101	240	Mi	Top Rubber Cement Plug, 8 5/8"	225.00	225.00
CE240	695	Sk	Heavy Equipment Mileage	7.50	1800.00
E113	3093	Tn/Mi	Blending & Mixing Service Charge	1.40	973.00
CE202	1	4 Hrs	Proppant and Bulk Delivery Charges, per ton mile Depth Charge; 1001'-2000'	2.50	7732.50
CE504	1	Job	Plug Container Utilization Charge	1500.00	1500.00
E100	60	Mi	Unit Mileage Charge-Pickups, Small Vans & Cars (one way)	250.00	250.00
3003	1	Ea	Service Supervisor, first 8 hrs on loc.	4.50	270.00
CC131	100	Lb	Sugar	175.00	175.00
105	1	Ea	Cement Data Acquisition Monitor / Strip Chart Recorder	5.00 550.00	500.00 550.00
		3817=3116-6-101800			
	-				
· · · · · · · · · · · · · · · · · · ·					

				Book Total:	\$31,100.65
				Taxes:	
			Additional 10% Discount as per Agreement on Cement Services	Disc. Price:	\$19,016.64
	77,04123.00		per speciment on centicit dervices	10% Disc Adjusted Price	\$1,901.66
					\$17,114.98
JMP TRUCK NUM	MBER: 37.	223 19572 '	THIS JOB WAS SATISFACTORILY COMPLETED	YES *	NO
(//	////	1	OPERATION OF EQUIPMENT WAS SATISFACTORY	ă	H
RIVER:	CAN O	n	PERFORMANCE OF PERSONEL WAS SATISFACTORY	ō	
BA	SIC ENERGY SE	RVICES	CUSTOMER OR HIS	AGENT	
Customer	Comments or	Concerner			
3.0.,,,,,,		- 5.1.561113.			

Merit Energy Surface Kells I-3





Liberal Yard #1717 - Phone 620-624-2277 - 1700 S. Country Estates Road, Liberal KS 67901

PRESSURE PUMPING Job

Job Log

Customer:		Merit Energy Cement Pump No.: 38119-19570			-19570	Operator TRK No.:	9681	5		
Address:	sublette.inv	oices@meriter	nergy.com	Ticket #:	1718-	19370	Bulk TRK No.: 27808-19883			
City, State, Zip:	AFE# 6312	1		Job Type:		Z42 - Cem	ent Production	Casing		
Service District:	-			Well Type:			OIL			
ell Name and No.:		Kells "I" 3		Well Location:	32,27,33	County:	HASKELL	State:	K	
Туре о	of Cmt	Sacks		Additives			Truck Loa	ided On		
50/50	POZ	280	6%GYPSUM, 10%SAL1, .5%C-17, 1/4#DEFOAMER, 5#GILSONITE, 27808-19883 Front			Back				
50/50	POZ	50		SAME		FOR RAT & MOUSE From		Front	Back	
								Front	Back	
Lead		Weight #1 Gal.	Cu/Ft/sk	Water Red		CU. FT.		Hours / Personi	nel	
Lea		13.6	1.57	7.	18	439.6	Man Hours:			
Tail:						50	# of Men on Job:	3		
Time		Volume	Pumps	Press	sure(PSI)	D	escription of Oper	ion and Materials		
(am/pm)	(BPM)	(BBLS)	T C	Tubing	Casing					
11:15						0	N LOC, SAFT	EY MTG, R.U.		
13:07					3000	TEST LINES				
1:08 PM	4.8	12			140	PUMP MUD FLUSH				
1:11 PM	4.8	5			140	H2O SPACER				
1:17 PM						PLUG RAT & MOUSE 50SX				
13:25	7				270	START MIXING @ 13.6#				
13:43		78.5				SHUT DOWN, DROP PLUG, WASHUP				
1:49 PM	7				110	START DISPLACEMENT 4%KCL				
14:10	2.5	118			950	SLOW RATE				
14:14		128			1200-1700		PLUG D	OWN		
14:17						R	ELEASE PSI,	FLOAT HELD		
							JOB COM	//PLETE		
						THAN	K YOU FOR Y	OUR BUSINES	S!!!	
	Y									
Size Hole	7 7/8	Depth		5590'		TYPE				
Size & Wt. Csg.	5 1/2 17#	Depth	5590'	New / Used		Packer		Depth		
tbg.		Depth				Retainer		Depth		
Top Plugs		Туре				Perfs		CIBP		
					Basic Represe	ntative:		CHAD HINZ		
Customer Sig	nature:				Basic Signatur	e:	7-11/11			
					Date of Service	ο.	3/7/2019			



1700 S. Country Estates Raod Liberal, KS 67901 PH (620)-624-2277FAX (620) 624-2280

SERVICE ORDER - 1718-19370

ENERGY SERVICES PH (620)-624-2277FAX (620) 624-2280			
	Date: 3/7/2019		
Well Name:	Location:		
Kells "I" 3	32,27,33		
County - State:	RRC #:		
HASKELL, Ks			
Type Of Service:	Customer's Order #:		
Z42 - Cement Production Casing			
Customer: Merit Energy			
Address: sublette.invoices@meritenergy.com			

AFE# 63121

As a consideration, the above named Customer agrees to pay Basic Energy Services In accord with the rates and terms stated in Basic Energy Services current price lists. Invoices are payable NET 30 (SEE 10.2) after date of invoice. Upon Customer's default in payment of Customers account by such date, Customer agrees to pay interest thereon after default at 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all the collection costs and attorney fees. These terms and conditions shall be governed by the laws of the state where services are performed or equipment or materials are furnished.

Basic Energy Services, warrants only title to the products, supplies and materials and that the same are free from defects in workmanship. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Basic Energy Services, liability and Customer's exclusive remedy in any cause of action (whether in contract, lort, product liability, breach of warranty or otherwise) arising out of the sale or use of any products, supplies, or materials upon their return to Basic Energy Services. Is expressly limited to the replacement of such products, supplies or materials or, at Basic Energy Services, or polyin, to the allowance to the Customer of credit for the cost of such liems. In no event shall Basic Energy Services be liable for special, indirect, punitive or consequential damages.

CODE	QTY	UOM	DESCRIPTION	PRICE	TOTAL	
CL104	330	Sk	50/50 POZ	11.00	3630.00	
CC113	1668	Lb	Gypsum	0.75	1251.00	
CC148	139	Lb	C-17	20.00	2780.00	
CC105	70	Lb	C-41P	4.00	280.00	
CC102	83	Lb	Celloflake	3.70	307.10	
CC201	1650	Lb	Gilsonite	0.67	1105.50	
CC111	1980	Lb	Salt	0.50	990.00	
CF851	1	Ea	5 1/2" Float Shoe(Blue)	425.00	425.00	
CF951	1	Ea	5 1/2" Float Collar(Blue)	420.00	420.00	
CF1751	20	Ea	Centralizer, 5 1/2" (Blue)	80.00	1600.00	
CF103	1	Ea	Top Rubber Cement Plug, 5 1/2"	105.00	105.00	
CC151	500	Gal	Mud Flush	1.50	750.00	
C704	28	Gal	Claymax KCL Substitute	35.00	980.00	
E101	160	Mi	Heavy Equipment Mileage	7.50	1200.00	
CE240	330	Sk	Blending & Mixing Service Charge	1.40	462.00	
E113	1112	Tn/Mi	Proppant and Bulk Delivery Charges, per ton mile	2.50	2780.00	
CE206	1	4 Hrs	Depth Charge; 5001-6000'	2880.00	2880.00	
CE504	1	Job	Plug Container Utilization Charge	250.00	250.00	
E100	80	Mi	Unit Mileage Charge-Pickups, Small Vans & Cars (one way)	4.50	360.00	
		Ea	Service Supervisor, first 8 hrs on loc.	175.00		
				Book Total:	\$22,555.60	
				Taxes:	Ψ22,000.00	
			 	Disc. Price:	\$14,272.56	
			Additional 10% Discount as per Agreement on Cement Services	10% Disc	\$1,427.26	
	Augusta		Additional 10% discount as per Agreement on Cement Services	Adjusted Price	\$12,845.30	
Top with a solid to the						
PUMP TRUCK YUI	MBER: 3	38119-19570	THIS JOB WAS SATISFACTORILY COMPLETED OPERATION OF EQUIPMENT WAS SATISFACTORY PERFORMANCE OF PERSONEL WAS SATISFACTORY	YES	NO	
BASIC ENERGY SERVICES			CUSTOMER OR HIS	CUSTOMER OR HIS AGENT		
Custome	r Comments o	r Concerns		The state of the s		

