

1163968

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(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	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

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

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Griffin, Charles N.
Well Name	Cunningham 2
Doc ID	1163968

Tops

Name	Top	Datum
Lecompton	3491	-1898
Elgin	3523	-1930
Heebner Shale	3651	-2058
Lansing	3828	--2235
Stark Shale	4197	-2604
B/KC	4290	-2697
Mississippi	4377	-2784
Kinderhook	4547	-2954
Viola	4650	-3057
Simpson	4754	-3161
Simpson Sand	4762	-3169



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 09143 A

10-325-12W

DATE _____ TICKET NO. _____

DATE OF JOB 10-9-13	DISTRICT	NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:	
CUSTOMER Griffin Management		LEASE Cunningham				WELL NO. 2		
ADDRESS		COUNTY Barber		STATE Kansas				
CITY		STATE						
AUTHORIZED BY		SERVICE CREW C. Messick; M. McGraw; J. Barton						
		JOB TYPE: C.N.W. Surface						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	TIME
37,216	1						10-9-13	AM 12:00
						ARRIVED AT JOB		AM 3:00
27,463	1					START OPERATION		AM 3:30
						FINISH OPERATION		AM 4:30
19,903-73,768	1					RELEASED	10-9-13	AM 4:45
						MILES FROM STATION TO WELL		35

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: *Paul E. Jarner*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 100C	Common Cement	sh	180	\$	2,880 00
CC 102	Cell Plate	Lb	46	\$	170 20
CC 109	Calcium Chloride	Lb	340	\$	357 00
CF 153	Wooden Plug, 8 7/8"	ea	1	\$	160 00
E 100	Pickup Mileage	mi	35	\$	148 75
E 101	Heavy Equipment Mileage	mi	70	\$	490 00
E 113	Bulk Delivery	tm	298	\$	476 00
CE 200	Cement Pump; 0 Feet To 500 Feet	hrs	4	\$	1,000 00
CE 240	Blending and Mixing Service	sh	180	\$	252 00
CE 504	Plug Container	Job	1	\$	250 00
S 003	Service Supervisor	hrs	8	\$	175 00

CHEMICAL / ACID DATA:			

SUB TOTAL		66 \$	4,133 32
SERVICE & EQUIPMENT	%TAX ON \$		
MATERIALS	%TAX ON \$		
TOTAL			

SERVICE REPRESENTATIVE: *Arlene R. Messick*

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *Paul E. Jarner*
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

Customer Griffin Management	Lease No.	Date 10-9-13
Lease Cunningham	Well # 2	
Field Order # 9143	Station Pratt, Kansas	Casing 8 7/8"
Type Job C.N.W. - Surface	Depth 24 Lb. 263 Feet	County Barber
	Formation	State Kansas
		Legal Description 10-325-12W

PIPE DATA		PERFORATING DATA		CEMENT USED		TREATMENT RESUME	
Casing Size 8 7/8"	Tubing Size 2 3/4"	Shots/Ft	180	Sacks	180	RATE	ISIP
Depth 263 Feet	Depth	From	To	Material	Common Cement with 25 Lb./stk. cellf	Max	5 Min.
Volume 16.2 Bbl.	Volume	From	To	15.6 Lb./Gal., 5.23 Gal./stk., 1.20 cu. Ft.	Min	Avg	10 Min.
Max Press. 250 P.S.F.	Max Press.	From	To				15 Min.
Wall Connection Plug container	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth 248 Feet	Packer Depth	From	To	Flush 16 Bbl. Fresh Water	Gas Volume		Total Load

Customer Representative Cecil Farmer	Station Manager Kevin Gordley	Treater Clarence R. Messick
Service Units 37,216	27,463	19,903
Driver Names Messick	McGraw	Barton
73,768		

Time A.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
3:00					Trucks on location and hold safety meeting.
3:15					Casing in well. Circulate for 5 minutes.
3:30	200			5	Start Fresh water Pre-Flush.
	200		10	5	Start mixing 180 sacks Common Cement.
	-0-		48		Stop pumping. Shut in well. Release Wooden Plug. Open Well.
4:09	150			5	Start Fresh water Displacement.
4:15	250		16		Plug down. Shut in well.
					Circulated 15 Bbl. cement to the pit.
					Wash up pump truck.
5:00					Job Complete.
					Thank You
					Clarence, Milte, Jacob



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ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 09148 A

10-325-12W

DATE TICKET NO.

DATE OF JOB: 10-14-13		DISTRICT: Pratt, Kansas		NEW WELL <input checked="" type="checkbox"/>		OLD WELL <input type="checkbox"/>		PROD <input type="checkbox"/>		INJ <input type="checkbox"/>		WDW <input type="checkbox"/>		CUSTOMER ORDER NO.:	
CUSTOMER: Griffin Management				LEASE: Cunningham				WELL NO.: 2							
ADDRESS:				COUNTY: Barber				STATE: Kansas							
CITY:				STATE:				SERVICE CREW: C. Messick, M. McGraw, S. Graves							
AUTHORIZED BY:				JOB TYPE: C.N.W. - Long string											
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED		DATE	AM	TIME					
37,216	1.25							10-13-13	PM	5:00					
						ARRIVED AT JOB		10-14-13	PM	1:15					
19,889-19,843	1.25					START OPERATION			AM	6:45					
						FINISH OPERATION			AM	8:00					
19,826-19,860	1.25					RELEASED		10-14-13	AM	8:30					
						MILES FROM STATION TO WELL		35							

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SIGNED: *[Signature]*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP105	AA2 Blend Cement	sk	225	\$	3,825 00
CP105	AA2 Blend Cement	sk	30	\$	510 00
CC102	Cell Plate	Lb	64	\$	236 80
CC111	Salt	Lb	1170	\$	585 00
CC112	Cement Friction Reducer	Lb	121	\$	726 00
CC115	Gas Blot	Lb	241	\$	1,241 15
CC201	Gilsonite	Lb	1275	\$	854 25
CF607	Latch Down Plug and Baffle, 5 1/2"	ea	1	\$	400 00
CF1251	Auto Fill Float Shoe, 5 1/2"	ea	1	\$	360 00
CF1651	Turbolizer, 5 1/2"	ea	5	\$	550 00
CF1901	Basket, 5 1/2"	ea	1	\$	290 00
C704	Clay Max	Gal	6	\$	210 00
CC151	Mud Flush	Gal	500	\$	430 00

CHEMICAL / ACID DATA:

SUB TOTAL

SERVICE & EQUIPMENT %TAX ON \$
MATERIALS %TAX ON \$

TOTAL

16

SERVICE REPRESENTATIVE: *[Signature]*

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *[Signature]*

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

BASIC

energy services, L.P.

TREATMENT REPORT

Customer Griffin Management	Lease No.	Date 10-14-13
Lease Cunningham	Well # 2	
Field Order # 9148	Station Pratt, Kansas	Casing 5 1/2 15.5 lb/ft
Type Job C.N.W. - Longstring	Depth 4,718	County Barber
	Formation	State Kansas
		Legal Description 10-325-12W

PIPE DATA		PERFORATING DATA		MATERIAL USED		TREATMENT RESUME		
Casing Size 5 1/2 15.5 lb/ft.	Tubing Size 15.5 lb/ft.	Shots/Ft 225 sacks	AA-2 with .58	From 1085	To 25	Friction 5 lb/ft	RATE 1.36 cu. ft./st.	PRESS Reducer, Gilsonite
Depth 4,718	Depth Feet	From 1085	To 25	Cell plate 6.7 Gal., 5.48 Gal.	Max 5 lb/ft	Min 1.36 cu. ft./st.	5 Min. 10 Min. 15 Min.	ISIP 12 Gas Blot,
Volume 112.3 Bbl	Volume	From	To	Flush 111.8 Bbl 28 HCL	Avg			
Max Press 1500 PSI	Max Press PSI	From	To					
Well Connection Plug Container	Annulus Vol. Packer	From 305	To 60	40 Poz to Plug	RHP Used			Annulus Pressure Rat Hole - 20 in mouse hole
Plug Depth 4,697 Feet	Packer Depth	From	To		Gas Volume			Total Load

Customer Representative Jr. Griffin	Station Manager Kevin Gordley	Treater Clarence R. Messich
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Service Units	37,216	19,889	19,843	19,826	19,860
Driver Names	Messich	McGraw	Graves		

Time A.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1:15					Cement and Float Equipment on location.
3:00					Maverick Drilling start to run Auto Fill Float Shoe, Shoe Joint with latch Down Baffle screwed into collar and a total of 113 Joints new 15.5 lb/ft. 5 1/2 casing. A Turbolizer was installed on collars # 4, 5, 6, 7, and # 8. A Basket was installed above Shoe Joint.
3:30					Trucks on location and hold safety meeting.
5:35					Casing in well. Circulate for
6:45	300	2,000		6	Shut in well. Pressure Test. Open Well.
	300		20	5	Start 28 HCL Pre-Flush.
			32	5	Start mud Flush.
			35	5	Start Fresh water spacer.
7:08	300		89		Start Mixing 225 sacks AA-2 cement
					stop pumping. Shut in well. Wash pump and lines
					Release Latch Down Plug. Open well.
7:20	150		80	6.5	Start 28 HCL Displacement
				5	Start to lift cement.
7:42	1,100		111.8		Plug down.
	1,500				Pressure up.
					Release pressure. Float Shoe held
			7-5	3	Plug Rat and Mouse holes.
					Wash up pump truck.
8:30					Job Complete

