

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1052864

Form ACO-1 June 2009 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 Cast / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.): If Workover/Re-entry: Old Well Info as follows:	Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from: feet depth to: w/ sx cmt.
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Conv. to GSW Plug Back: Plug Back Total Depth Commingled Permit #:	Chloride content: ppm Fluid volume: bbls Dewatering method used: Location of fluid disposal if hauled offsite:
Dual Completion Permit #:	Operator Name:
SWD Permit #:	Lease Name: License #: Quarter Sec. Sec.
ENHR Permit #:	
GSW Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	

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								
Letter of Confidentiality Received								
Date:								
Confidential Release Date:								
Wireline Log Received								
Geologist Report Received								
UIC Distribution								
ALT I II III Approved by: Date:								

	Side Two	1
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional She	eets)	Yes No		.og Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geolog	jical Survey	Yes No	Nan	ne		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted E (If no, Submit Copy)	Electronically	YesNoYesNoYesNo					
List All E. Logs Run:							
				ew Used			
			et-conductor, surface, in		1		1
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: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing Plug Back TD				
Plug Off Zone				

Shots Per Foot		PERFORATION Specify Fo		RD - Bridge P Each Interval F		e			ement Squeeze Record d of Material Used)	Depth
TUBING RECORD:	Size: Set At: Packer At:					r At:	Liner F	Run:	No	
Date of First, Resumed	Product	ion, SWD or ENH	۶.	Producing M	1ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls. Gas			Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity	
DISPOSITIO	SITION OF GAS: METHOD OF COMPLI					OF COMPLE	TION:		PRODUCTION INTER	VAL:
Vented Sold	(Submit					Dually (Submit)		Commingled (Submit ACO-4)		
(If vented, Sul	vented, Submit ACO-18.)									

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

Form	ACO1 - Well Completion
Operator	Griffin, Charles N.
Well Name	SHRACK 1
Doc ID	1052864

Tops

Name	Тор	Datum
Heebner	3378	1448
Douglas	3419	1489
Brownliner	3519	1589
Lansing	3543	1613
Bottom Kansas City	3809	1879
Viola	3892	1962
Simpson	4009	2079
Arbuckle	4056	2126



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

FIELD SERVICE TICKET

1812 A 1718

							DATE	TICKET NO.			
DATE OF JOB 5-29-10) D	ISTRICT KANSA						TOMER ER NO.	:		
CUSTOMER Griffin MANAgement					LEASE Schrack WELL NO.						0.
ADDRESS	0	COUNTY STAFFORD 20-24-13 STATE KARUS,									
CITY		STATE			The state of the state of the state of the	Worth, J					
AUTHORIZED BY	*	X			JOB TYPE:			15			Ulu
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9 1				1		· · · · · ·	MILES FROM	STATION TO	WELL -	1	a 1-1-1

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:

(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES U	SED UNIT	QUANTITY UNIT	PRICE	\$ AMOUN	١T
CPIDO	COMMON		250-SK		A 4000.	00
66109	GALCium Chloride		705-16		\$ 740.	25
CC102	Cell FLAKE		69-16		# 755.	30
CF153	wooden cement Plus. 82/8"		1-en		\$ 160.	00
EIOI	Heavy Equip milease		50-111	_	\$ 350	00
CE240	Blending + Mixing Service.	chg.	250-mi		6 350.	00
EII3	Bulk Defivery Chr.		294-Tm		4 470.	00
6E200	Depth Charge 0-500		1-4hrs		15 1000	00
CESON	Plug contraver 11t. Lization	chs.	1- 105		r 250.	00
5003	Service Supervisor first 8	hrsonLoc.	1-01		\$ 17.5-	00
EIOU	Hruit milens - chs. Picky	ρ	25-mi		A 106.	25
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SERVICE REPRESENTATIV	THE ABOVE MATE	ERIAL AND SERVICE STOMER AND RECEIVED	DBY).		
FIELD SERVICE O	DRDER NO.	(WELL O	WNER OPERATOR CONTR	ACTOR OR	AGENT)	

CLOUD LITHO - Atilene TX



TREATMENT REPORT

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10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • (620) 672-1201 • Fax (620) 672-5383

EN	ERGY				1-1		FIELD SERVICE TICKET 1718 02086 A
DATE OF 6 - 7-	10 di	STRICT Pratt,	tran	599			DATE TICKET NO PROD INJ WDW CUSTOMER ORDER NO.:
CUSTOMERGrif	fink	lanagement	2.3	de la	LEASE S	chro	well NO. 1
ADDRESS	3325 		18. O	2	COUNTY	staft	Ford STATE Tansas
CITY		STATE			SERVICE CI	REW(C, /	Nessich: M. Mattal: D. Phye -
AUTHORIZED BY		i ngala z s	, (1	¢.			NLongstring
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQU	IPMENT#	HRS	TRUCK CALLED 6-6-10 PM 7:00
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19.903-19.905	75		-				START OPERATION 6-7-10 PM 7:30
1,100 1,100		1					FINISH OPERATION 6. T-10 PM 8:15
19.960-19.918	.75			_			RELEASED 6-7-10 AM 8:30
A	2					15	MILES FROM STATION TO WELL

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:_

(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES U	JSED UNIT	QUANTITY	UNIT PRICE	\$ AMOUN	T
CP105	AAQCement	SIT	200 -	- \$	3,400	00
CP103	60/40 Poz Cement	Sh	30 -	- 5'	360	00
CC111	Salt(Fine)	Lb	915 -		457	50
CC112	Cement Friction Reducer	Lb	.94 -	- 5	564	00
CC 115	Gas Blot	Lb	188 -	- '\$	968	20
CC201	Gilsonite	16	1,000 -	- 47	670	00
CF 60T	Latch Down Plugand Baffle, 5	5/2" eq	1 -	- 4	400	00
CE1251	Auto Fill Float Shoe, 51/2"	eq	4 -	\$	360	00
CF1651	Turbolizer, 51/2"	eq	9	- 4	990	00
CF 1901	Bastret, 51/2"	ea	1.	- \$ ¹	290	00
C 704	CS-1L	Gal	5 -	- 4	175	00
CC 51	MudFlush	Gal	500 -	4	430	00
E 100	Pictup Mileage	mi	25	` \$	106	25
EIO	Heavy Equipment Mileage	mi	50	5	350	
E 113	Bult Delivery	tm	269	1	428	80
CE205	Cement Pump: 4,001 Feet To 5,0	000 Feet Job	1	4	OCO	00
CE240	Blending and Mixing Service	Sh	230		322	00-
CE 504	Plug Container	Job	I	5	05-	00
5003	Service Supervisor	Job	1	'\$	175	00
SUB TOTAL						
CHE	EMICAL / ACID DATA:				7.533	69
		ERVICE & EQUIPMENT		XON\$	AIS	
		IATERIALS	%TA)	X ON \$	a bear	

TOTAL

SERVICE

We.

avera R. Mossid

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:-

FIELD SERVICE ORDER NO.

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)



TREATMENT REPORT

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Customer	fin			Lease No.				Date		>10
Lease 5	chrac	anagen T	ICNI	Well # 1			- c	F) - ((-)()
Field Order		and the second sec	H Ha	nsas	Casing	155 Pepth	4.116Fe	County <	taf	ford state
Type Job	T.N.W	-Long	1	ů.		Formation			Legal D	escription - 13W
PI	PE DATA	PER	FORATIN	9 BATA	FLUID	USED		TREA	TMENT	RESUME
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Plug Depth	Packer D		То		Flush97.5	Bb1.281	-Gas Volum	and the second second		Total Load
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Service Units	19,866	19,903	19,905	19,91	60 19,918				ļ	a
Names //	Casing	Tubing	ttal_		hlye					
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10244	FNE HIW	ay 61 • P	.O. Box	8613 •	Pratt, KS 67	7124-861	3 • (620)	672-120	1 • Fax	(620) 672-5383

1

Taylor Printing Inc. 620.672.365

DRILLING INFORMATION AND GEOLOGICAL REPORT

Operator:	Charles Griffin				
Lease:	#1 Shrack				
Survey:	SE NE NE				
	Section 20-24S-13W				
Field:	Van Lieu				
County:	Stafford				
State:	Kansas				

Contractor:	Maverick Drilling, Rig 108
Elevation:	1922' GL / 1930' KB
Surface Casing:	8-5/8" @ 264'
Production:	5-1/2"
Muđ Up:	3171'
Geologist:	3406'
Pipe Strap:	Pipe strap @ 3632' (+1.76' long to the board)
Survey:	Straight hole @ 3632' (3/4 degree deviation)
Testing:	2-Trilobite
Log:	Log Tech / Dual Compensated Porosity-Dual Induction
RTD:	4116'
LTD:	4120'

Daily Penetration

05/29/10	Spud
05/30/10	0771′
05/31/10	1825'
06/01/10	2542'
06/02/10	3115′
06/03/10	3605'
06/04/10	3705'
06/05/10	4012'
06/06/10	4070'
06/07/10	4116′

Drill Stem Tests

<u>DST #1_3606' to 3632'</u>. Strong blow, building to bottom of bucket in 3" on the initial flow period. Strong blow building to bottom of bucket in 5" of the second flow period. Recovered: 346' GIP, 80' MW with oil specks and 560' GCW. IFP/30" 41-182#, ISIP/45" 929#, FFP/30" 193-324#, FSIP/60" 930#.

DST #2 3994' to 4066'. Strong blow, building to bottom of bucket in 1" on the initial flow period. Strong blow, building to bottom of bucket in 1" of the second flow period. Recovered: 50' GIP, 150' GOCM (25% gas, 35% oil and 40% mud), 180' GMCO (40% gas, 36% oil and 24% mud), 2,550' CGO (27% gas and 73% oil) and 150' GOCM (30% gas, 26% oil and 44% mud). IFP/30" 208–886#, ISIP/45" 1389#, FFP/30" 824–1141#, FSIP/60" 1389#.

<u>Formation</u>	Sample Top	<u>Datum</u>	Log	Datum	Structural Comparison*
Heebner	3378'	-1448	3383'	-1453	
Toronto	3401'	-1471	3406'	-1476	
Douglas	3419'	-1489	3422'	-1492	
Brown Lime	3519'	-1589	3523'	-1593	
Lansing	3543′	- 1 613	3547'	-1617	+8
B/KC	3809′	-1879	3813'	-1883	
Marmaton	3820'	-1890	3824'	-1894	
Conglomerate	3856′	-1926	3859'	-1929	
Viola	3892'	-1962	3896'	-1966	
Simpson	4009'	-2079	4013'	-2083	+12
Arbuckle	4056'	-2126	4050'	-2120	+23
Total Depth	4116'	-2186	4120'	-2190	

Formation Tops

*Reference well for structural comparison: Stanolind Oil & Gas, #1 E. A. Van Lieu, NE SE NE of Section 20-24S-13W, Stafford County, Kansas

Zones of Interest

- 3573'-3580' Lansing B Zone Limestone, cream, white to light gray. Fine crystalline to very slightly medium crystalline. Some scattered pinpoint porosity, most pieces appear tight. Sub-chalky in part. No shows.
- 3621'-3627' Lansing F Zone Limestone, cream to white to light gray. Fine crystalline with rare medium crystalline. Some scattered pinpoint porosity. Faint odor detected in the fresh sample. Slight show of gas bubbles. This interval was covered in DST #1.
- 3715'- 3722' Lansing I Zone Limestone, cream to light tan. Fine crystalline. Oolitic to oolicastic with poor to fair inter-oolicastic porosity. Questionable odor in the fresh sample. No show of free oil.
- 3994'-4005' Viola Chert, white to off-white. Vitreous, sharp and blocky. Few pieces tripolitic with sponge texture. Fair to good porosity. There was no odor in the fresh sample. With a questionable show of free oil.
- 4029'-4034' Simpson Sand Sandstone clusters, frosted white and sub-rounded. Poor to fair friability. Lots of individual sand grains in bottom of tray (frosted white and round).
 Good odor in fresh sample with some pieces with slight show free oil.
- 4056'-4066' Arbuckle Dolomite, tan, cream to gray. Most pieces medium to course crystalline with scattered pinpoint vug. Samples appeared tight in the upper portion grading to better inter-crystalline porosity. Good strong odor in the fresh sample, a slight show of free oil and some spotted staining. Samples carried a lot of shale from the Simpson Formation. This interval was covered in DST #2.

(See enclosed strip log for reference)

Comments and Recommendations

All tops have been corrected to the electric log for structural comparison. This test ran structurally higher than the show hole to the south which recovered commercial quantities of oil from the Arbuckle formation.

There were slight shows of oil and gas noted during drilling in the Lansing/Kansas City. A drill stem test (DST #1) embraced the "F" zone in the Lansing/Kansas City formation and recovered non-commercial shows of oil and gas cut formation water.

p.4

The upper portion of the Arbuckle had slight shows of free oil, exhibited a strong odor in the fresh sample and there was spotted staining noted in the dry samples. A drill stem test (DST #2) embracing the Arbuckle recovered commercial quantities of oil and recorded excellent bottom hole pressure.

It was recommended to run an oil string of casing to further test this well through perforations from 4050' to 4057'.

Drill cuttings have been delivered to the Kansas Geological Survey.

Respectfully submitted,

Bruce A. Reed – Well Site Geologist