

Kansas Corporation Commission Oil & Gas Conservation Division

1055128

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:	SecTwpS. R
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: ()	□NE □NW □SE □SW
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.):	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: sx cmt
If Workover/Re-entry: Old Well Info as follows:	
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	Chloride content: ppm Fluid volume: bbls Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	Quarter Sec TwpS. R
☐ ENHR Permit #: ☐ GSW Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date or 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



Operator Name:				_ Lease N	lame:			Well #:		
Sec Twp	S. R	East	West	County:						
INSTRUCTIONS: Sh time tool open and clo recovery, and flow rate line Logs surveyed. A	osed, flowing and shu es if gas to surface te	t-in pressures, st, along with f	whether sh inal chart(s	nut-in press	ure reach	ed static level,	hydrostatic pres	ssures, bottom h	ole temp	erature, fluid
Drill Stem Tests Taker (Attach Additional S		Yes	No		Log	y Formation	n (Top), Depth a	nd Datum		Sample
Samples Sent to Geo	logical Survey	Yes	No		Name			Тор	I	Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Copy	d Electronically	Yes Yes Yes	☐ No ☐ No ☐ No							
List All E. Logs Run:										
		Report all	CASING I		New	Used mediate, producti	on, etc.			
Purpose of String	Size Hole Drilled	Size Ca Set (In C	sing	Weigi Lbs. /	ht	Setting Depth	Type of Cement	# Sacks Used	, ,,	and Percent dditives
		AI	DDITIONAL	CEMENTIN	G / SQUE	EZE RECORD				
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Co	ement	# Sacks	Used		Type and	Percent Additives		
Shots Per Foot	PERFORATI Specify I	ON RECORD - Footage of Each	Bridge Plugs Interval Perfo	s Set/Type orated			cture, Shot, Cemei mount and Kind of N		d 	Depth
TUBING RECORD:	Size:	Set At:		Packer At:		Liner Run:				
Date of First, Resumed	Production, SWD or EN		ducing Meth	od:		as Lift C	Yes No	0		
Estimated Production Per 24 Hours	Oil	Bbls.		Mcf	Water		ols.	Gas-Oil Ratio		Gravity
DISPOSITIO	ON OF GAS:		M	IETHOD OF	COMPLET	ION:		PRODUCTIO	ON INTER	VAL:
Vented Sold	Used on Lease	Open	Hole Specify)	Perf.	Dually (nmingled mit ACO-4)			



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

FIELD SERVICE TICKET 1718 03213 A

There is a second	PRESSURE PUM	IPING & WIRELINE	0				DATE	TICKET NO		=:
DATE OF JOB	-13-10	DISTRICT P. ATT			NEW WELL	OLD □ F	PROD [] INJ	□ wdw □ S	USTOMER RDER NO.:	
CUSTOMER	129.10	n Managem	tue		LEASE Y	Mun-	50		WELL NO	r.]
ADDRESS					COUNTY	1 -	,	STATE X	5	
CITY		STATE			SERVICE C	REW (06,210	o Lastey n	r. Mc Ci	40
AUTHORIZED B	Y				JOB TYPE:	CN	W-501	5-11		
EQUIPMENT	# HRS	EQUIPMENT#	HRS	EQI	JIPMENT#	HRS	TRUCK CALL	ED / DAT	F AM 4	TIME (O)
21285	1			8			ARRIVED AT	JOB 7	AM	75
7.7463),	4	*				START OPER	RATION (· (C)
19826-195	860 1	ī.			0.	3	FINISH OPER	RATION	AM -	1-30
						+	RELEASED		AM 8	:00
* a = a = 6		× ×		7			MILES FROM	STATION TO WEL		-
ITEM/PRICE REF. NO.	57 St.	MATERIAL, EQUIPMENT	AND SERV	/ICES US	ED	UNIT	(WELL OWNE	UNIT PRICE	RACTOR OR \$ AMOL	
PCPIW	Comm	MON				54.	200		320	0 00
CLIUL	2	1c,V, e				16	50		13	500
50109	Calci	um (World)	9			Lb	376		39	4 80
CS-153	W000	Den Comont	rlg -	1	V	29			16	000
EIDO	Pick	opmilosse	`	·.J		m.	65		27	625
E101	17600	MEQUIPMENT	Mile	-35		Ni.	130		911	700
EJ13	- POIN	Delineid	1 1-			IN	611		97	760
(E).00	170 b	th Exaise	0.5	00		e a			100	200
CEJHO	Cen	/	chai-	76	- E	5 K	200		28	000
5/1/13	PIO	Vice Super	icas			09			77.	<-00
J. J. J. J.	321	VICE 3 0 P 1 C	1130						11	7
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3	27									
11 F.										
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	17.					ăi [ii		OUR TOTAL		-
CHE	EMICAL / ACID D	ATA:	1		9			DLS	562	223
		SERVICE & EQUIPMENT %TAX ON \$								
				MA	TERIALS		%TAX	ON \$		
		No. of Contract of	J					TOTAL		
									× ×	1
SERVICE REPRESENTATIV	E Str.	6.00			RIAL AND SEF		э вү: <i>Суу</i>	idio Osa	a diament	Pa

FIELD SERVICE ORDER NO.

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)



P.O. Box 8613 Pratt, Kansas 67124 Phone 620-672-1201

FIELD SERVICE TICKET

1718 03378

PRESSL	JRE PUMPI	NG & WIRELINE +	-34	9W		DATE TICKET NO		
DATE OF _ 9 -	<i>O</i> DI	STRICT Pratt.	rans	NEW WELL	OLD	PROD INJ WDW	CUSTOMER ORDER NO.:	
customer Griffin Management						lora	an	WELL NO. 1
ADDRESS					COUNTY	Har	Der STATE	ransas
CITY	3.	STATE			SERVICE CREW C. Messich: C. Veatch: L. Wiser			
AUTHORIZED BY	14	55	7 /9		JOB TYPE:	C.N.V	VLongstring	e e
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQU	JIPMENT#	HRS		18-10 PM 6:00
19,866	.5			8			ARRIVED AT JOB	18-10 AM 11:00
		10	- 2		*			19-10 9 5:15
27,463	.5					-		19.10 \$ 5'45
19960-19918	.5	•		N			1.6	19-10 99 6:30
1,15- 11,119							MILES FROM STATION TO	WELL 65

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.

(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT) TITEM/PRICE LINIT OLIANTITY LINIT PRICE \$ AMOUNT MATERIAL EQUIDMENT AND SERVICES LISED

REF. NO.	MATERIAL, EQUIFMENT AND SETVICES USED	ONL	COANTITI	OMITTIMOE	Ψηινιοσιτ	US:
CP 105	AA 2 Cement	sh	150	5	2,550	00
CP 103	60140 Poz Cement	Sh	50	\$	600	00
2				1		,
CC 102	Cellflate	_Lb_	38	\$	140	60
cc III	Salt (Fine)	Lb	685	\$	(A)	50
CC 112	Cement Friction Reducer	Lb	71	- \$		60
CC 115	Gas Blot	1-6	141	\$	726	15
CC 201	Gilsonite	Lb	750	- \$	502	50
	0. 11 11					
CF607	Latch Down Plug and Baffle, 51/2" Auto Fill Floot Shoe, 51/2"	ea	11,1	\$		00
CFI2SI	Auto Fill Floor Shoe, 51/2"	84	1 1	\$	1 1 11	00
CF 1651.	Turbolizer, 5/2	eq	4	- \$		60
CF 1901	Bastret, 5'b'	ea	1	\$	290	00
C 704	C5-1L.	Gal	5	\$	1 1 -	Augustera
CC 5	Mud Flush	Gal	500	\$	430	
	3				V7 12	-
	1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
						-
CI	HEMICAL / ACID DATA:			DLS	0 19	
	SERVICE & EQU	IPMENT	%TAX	ON \$		
	MATERIALS		%TAX	ON\$		
				TOTAL		

SERVICE	h 11	A ·
REPRESENTATIVE THE	K.11	sould

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

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)



Prepared For:

Charles N Griffin

PO Box 347 Pratt KS 67124

ATTN: Bruce Reed

4 34s 9w Harper KS

Morgan #1

Start Date: 2010.12.17 @ 12:27:27
End Date: 2010.12.17 @ 21:33:37
Job Ticket #: 37405 DST #: 1

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



Charles N Griffin

PO Box 347 Pratt KS 67124

ATTN: Bruce Reed

Morgan #1

4 34s 9w Harper KS

Job Ticket: 37405

DST#: 1

Test Start: 2010.12.17 @ 12:27:27

GENERAL INFORMATION:

Formation:

Miss No

Deviated:

Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole

Tester:

Esak Hadley

Unit No:

Reference Elevations:

1318.00 ft (KB)

1305.00 ft (CF)

KB to GR/CF:

13.00 ft

Interval:

4528.00 ft (KB) To 4569.00 ft (KB) (TVD)

Total Depth: Hole Diameter: 4569.00 ft (KB) (TVD)

Time Tool Opened: 15:00:07

Time Test Ended: 21:33:37

7.88 inches Hole Condition: Fair

Serial #: 6773

Press@RunDepth:

Inside

256.61 psig @

4529.00 ft (KB)

2010.12.17

Capacity: Last Calib .: 8000.00 psig

Start Date: Start Time: 2010.12.17 12:27:27 End Date: End Time:

21:33:37

Time On Btm:

2010.12.17

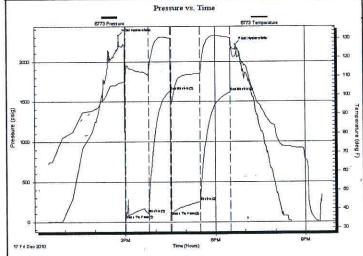
2010.12.17 @ 14:47:07 2010.12.17 @ 18:41:06 Time Off Btm:

TEST COMMENT: IF Weak blow . BOB in 5 min. GTS in 37 min. (see gas flow report)

ISI Weak surface blow . No more than 1/4".

FF Strong blow . BOB in 2 sec.

FSI No blow .



PRESSURE SUMMARY

H	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
l	0	2323.92	106.48	Initial Hydro-static
١	13	38.22	107.60	Open To Flow (1)
1	60	107.65	110.70	Shut-In(1)
	103	1632.98	130.02	End Shut-In(1)
	105	78.15	96.46	Open To Flow (2)
1	162	256.61	111.57	Shut-In(2)
1	224	1622.71	130.46	End Shut-In(2)
	234	2211.80	121.18	Final Hydro-static
,				
1				6
	(e

Recovery

Length (ft)	Description	Volume (bbl)
118.00	GCM 5%g 95%m	0.58
82.00	GCM w/o specs 5%g 95%m	0.61
	255	
<u> </u>		

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	35.00	333.24
Last Gas Rate	0.13	153.00	62.66
Max. Gas Rate	0.13	153.00	62.66



TOOL DIAGRAM

Charles N Griffin

PO Box 347 Pratt KS 67124 Morgan #1

4 34s 9w Harper KS

Job Ticket: 37405

DST#: 1

ATTN: Bruce Reed

Test Start: 2010.12.17 @ 12:27:27

Tool Information

Drill Pipe: Heavy Wt. Pipe: Length:

Drill Collar:

Length: 4349.00 ft Diameter: Length:

19.00 ft

0.00 ft Diameter: 177.00 ft Diameter:

Diameter:

0.00 inches Volume: 2.25 inches Volume: Total Volume:

3.80 inches Volume:

61.01 bbl 0.00 bbl 0.87 bbl 61.88 bbl Tool Weight: Weight set on Packer: 24000.00 lb

2100.00 lb

Weight to Pull Loose: 75000.00 lb

Tool Chased

0.00 ft String Weight: Initial 66000.00 lb

Final 66000.00 lb

Drill Pipe Above KB:

4528.00 ft Depth to Top Packer: Depth to Bottom Packer: ft

Interval between Packers: 41.00 ft

62.00 ft

Tool Length: Number of Packers:

2

6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4508.00		
Shut In Tool	5.00			4513.00		
Hydraulic tool	5.00			4518.00		
Packer	5.00			4523.00	21.00	Bottom Of Top Packer
Packer	5.00			4528.00		
Stubb	1.00			4529.00		
Recorder	0.00	8166	Outside	4529.00		
Recorder	0.00	6773	Inside	4529.00		
Change Over Sub	1.00			4530.00		
Blank Spacing	31.00			4561.00		
Change Over Sub	1.00			4562.00		
Perforations	4.00			4566.00		
Bullnose	3.00			4569.00	41.00	Bottom Packers & Anchor

Total Tool Length:

62.00



FLUID SUMMARY

deg API

ppm

Charles N Griffin

Morgan #1

PO Box 347 Pratt KS 67124 4 34s 9w Harper KS

Job Ticket: 37405

DST#: 1

ATTN: Bruce Reed

Test Start: 2010.12.17 @ 12:27:27

Oil API:

Water Salinity:

Mud and Cushion Information

Mud Type: Gel Chem Mud Weight:

9.00 lb/gal

49.00 sec/qt

Viscosity: Water Loss:

9.18 in³ Resistivity: 0.00 ohm.m

Salinity: Filter Cake: 2000.00 ppm 0.20 inches Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

psig

bbl

ft

Recovery Information

Recovery Table

	Length ft	Description	Volume bbl
	118.00	GCM 5%g 95%m	0.580
-	82.00	GCM w /o specs 5%g 95%m	0.613

Total Length:

200.00 ft

Ref. No: 37405

Total Volume:

1.193 bbl

Num Fluid Samples: 1

Num Gas Bombs:

Serial #: eh-1

Laboratory Name: Caraway

Recovery Comments:

Laboratory Location: Liberal, KS

Printed: 2011.01.05 @ 08:37:03 Page 4



GAS RATES

Morgan #1

4 34s 9w Harper KS

Job Ticket: 37405

DST#: 1

Test Start: 2010.12.17 @ 12:27:27

ATTN: Bruce Reed

Gas Rates Information

Temperature:

59 deg C

Relative Density:

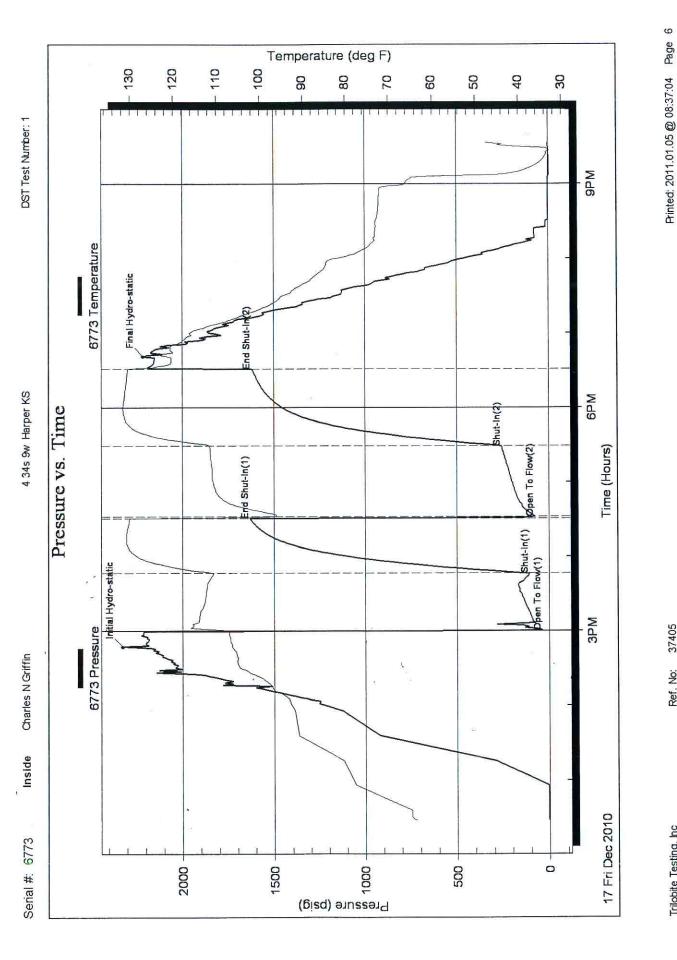
0.65

Z Factor:

0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m³/d)
1	42	0.50	35.00	333.24
1	42	0.50	35.00	333.24
1	45	0.50	21.00	238.80
2	10	0.13	75.00	33.46
2	20	0.13	104.00	44.32
2	30	0.13	120.00	50.30
2	40	0.13	138.00	57.04
2	50	0.13	153.00	62.66



Ref. No: 37405

Trilobite Testing, Inc