Kansas Corporation Commission Oil & Gas Conservation Division

1081456

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 #_	31473		API No. 15
Name: BG-5, Inc.	•		Spot Description:
Address 1: 3939 ELLIS	RD		SW_SE_NW_NE Sec13 Twp18 S. R20
Address 2:			1120 Feet from V North / South Line of Section
City: RANTOUL	State: KS Zi	p:_66079+_9090	1920 Feet from 🗹 East / 🗌 West Line of Section
Contact Person: Jimmie	Patton		Footages Calculated from Nearest Outside Section Corner:
· ·	-3860		☑ne □nw □se □sw
CONTRACTOR: License	_# 6142		County: Franklin
Name: Town Oil Comp			Lease Name:Trent Burkdoll Well #:
			Field Name: Paola-Rantoul
	•		Producing Formation: Squirrel
Designate Type of Comple			Elevation: Ground: 1046 Kelly Bushing: 0
		Workover	Total Depth: 782 Plug Back Total Depth:
			Amount of Surface Pipe Set and Cemented at: 20 Feet
✓ Oil		☐ siow ☐ sigw	Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
	G\$W	Temp. Abd.	If yes, show depth set:Feet
CM (Coal Bed Meth			If Alternate II completion, cement circulated from:
•	•		feet depth to: 20 w/ 3 sx cmt.
If Workover/Re-entry: Old			teet depth to: sx cirit.
Operator:			
•			Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
	•	otal Depth:	
		ENHR Conv. to SWD	Chloride content: 1500 ppm Fluid volume: 80 bbls
Boopering	Conv. to		Dewatering method used: Evaporated
Plug Back:	Plu		Location of fluid disposal if hauled offsite:
Commingled			Operator Name:
Dual Completion	Permit #:		Lease Name: License #:
SWD	Permit #:		Quarter Sec TwpS. R East West
☐ ENHR	Permit #:		
GSW	Permit #:		County: Permit #:
8/8/2011	8/12/2011	9/12/2011	
Spud Date or Recompletion Date	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: Deenna Gerrison Date: 05/21/2012				

Side Two

1081456

Operator Name: BG-5	, Inc.		_ Lease Nar	· · ·	JOII	_ Well #:	02	
Sec. 13 Twp. 18 S. R. 20 Fast West County: Franklin								
time tool open and close	ed, flowing and shu if gas to surface te	d base of formations pend t-in pressures, whether sl st, along with final chart(s well site report.	hut-in pressure	e reached static lev	vel, hydrostatic press	sures, bottom h	nole temperature, fluid	
Drill Stem Tests Taken (Attach Additional Sh	eets)	Yes No		Log Forma	ation (Top), Depth an	nd Datum	Sample	
Samples Sent to Geolog		∏ Yes ✓ No	.	Name SammaRay		Тор	Datum	
Cores Taken Electric Log Run Electric Log Submitted I (If no, Submit Copy)	Yes No Yes No Yes No		ammartay					
List All E. Logs Run:								
GammaRay/Neutron/	CCL				÷			
		CASING Report all strings set-		✓ New Used ce, intermediate, prod	duction, etc.		·	
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft	Setting	Type of Cement	# Sacks Used	Type and Percent Additives	
Surface	9	7	10	20	Portland	3	50/50 POZ	
Completion	5.6250	2.8750	8	775	Portland	120	50/50 POZ	
		ADDITIONAL	CEMENTING	/ SQUEEZE RECO	PRD			
Purpose: —— Perforate —— Protect Casing —— Plug Back TD —— Plug Off Zone	Perforate Protect Casing Plug Back TD Top Bottom Top Bottom Top Bottom					S .		
Shots Per Foot		ON RECORD - Bridge Plug Footage of Each Interval Per		Acid	Fracture, Shot, Cemer (Amount and Kind of M		Depth	
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes N	0	,	
Date of First, Resumed F	Production, SWD or El	NHR. Producing Met	thod:	Gas Lift	Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity	
DISPOSITIO Vented Sold (If vented, Subr	Used on Lease	Ones Hale	METHOD OF C	Dually Comp.	Commingled (Submit ACO-4)	PRODUCT	ION INTERVAL:	



TICKET NUMBER 32854

LOCATION OXTANA KS

PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

FOREMAN Fred Mader FIELD TICKET & TREATMENT REPORT CEMENT

GUSTOMER GUSTOMER BG:5 THE MAILING ADDRESS AND OUT STATE ZIP CODE Rantout KS 66079 JOB TYPE Long String HOLE SIZE 6 3/4 HOLE DEPTH 78Z CASING SIZE & WEIGHT 4/2 CASING DEPTH 766 DRILL PIPE TUBING SLURRY WEIGHT SLURRY VOL WATER gallsk CEMENT LEFT in CASING 4K PI DISPLACEMENT 12 15 BOUSPLACEMENT PSI MIX PSI RATE 4 BPM REMARKS: Establish pump rate Mix Plemp 100 Frentum Gel Flush MIX PSI RATE 4 BPM REMARKS: Establish pump rate Mix Plemp 100 Frentum Gel Flush Close Mix Cement To Cal 34 Phan Scalfele Flush Dump & Live Close Wish Large 4 Ressure to God PSI Rate pressure to Sex Freshwater Pressure to God PSI Rate pressure to Sex Count Oil Cot. Ris Supplied Water ACCOUNT QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE SYOC 15 MILEAGE 495 366 SYOC 15 MILEAGE 495 366 SYOC 15 MILEAGE 495 366	
MAILING ADDRESS MAILING ADDRESS 3939 Ellis Rd CITY Rantoul KS 6679 HOLE DEPTH TRUCK# DRIVER TRUCK# TRUCK# BSOC FREMAD SOFETH KS 66079 JOB TYPE Langstring HOLE SIZE 63/4 HOLE DEPTH TRUCK# DRIVER TRUCK#	DRIVER MAL - JARBE
CITY STATE ZIPCODE Rantoul KS 16079 JOB TYPE Langsty Dy HOLE SIZE 63/4 HOLE DEPTH 782 CASING SIZE & WEIGHT 4/2 CASING DEPTH 766 DRILL PIPE TUBING OTHER SLURRY WEIGHT SLURRY VOL WATER BAILS RATE 4BPTM DISPLACEMENT 12.1568 DISPLACEMENT PSI MIX PSI RATE 4BPTM REMARKS: Establish pump rate Mix + Pomp 100 FPT entire Gel Flush MIX & Form BBB 704 tale die. Mix + Pomp 165 Is 15 15 15 50/50 FOR Mix Coment - To Cal 3th Phan Scalfer, Flush Dump & Ling Freshwater Pressure to Gaste PSI. Rate pressure to Sax Freshwater Pressure to Gaste PSI. Rate pressure to Sax Found of Con. Ris Supplied Water ACCOUNT CODE QUANITY or UNITS DESCRIPTION of SERVICES OF PRODUCT UNIT PRICE STOC 15 MILEAGE 495 356	MAC Y
CITY Rantoul KS (6079) HOLE SIZE BY HOLE DEPTH TOUSING CASING SIZE & WEIGHT TOTHER TUBING CHEMENT LEFT IN CASING 4K PL TOUSING TOU	ARBE AB
Remodel KS (6679) JOB TYPE Long STY IN HOLE SIZE 63/4 HOLE DEPTH 782 CASING SIZE & WEIGHT 4/2 CASING DEPTH 766 DRILL PIPE TUBING OTHER SLURRY WEIGHT SLURRY VOL WATER gal/sk CEMENT LEFT IN CASING 4/6 PP DISPLACEMENT 12 15 BS DISPLACEMENT PSI MIX PSI RATE 4 BPM REMARKS: Establish Pump rate Mix + Pemp 100 PP Premium Gel Flush. POINT COMMY COMMAND TO CAL 15th Pump 155 15/65 50/50 Chan Displace 4 Robber plus to Casine To which Pump 15 15/15 BBLS Fresh water tressure to book PSI. Release pressure to sex found of Ico. ACCOUNT CODE QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE STOP 1 PUMP CHARGE 495 366 STOP 766	les
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SLURRY WEIGHT SLURRY VOL WATER galisk CEMENT LEFT IN CASING 4K" PI DISPLACEMENT 12.158 DISPLACEMENT PSI MIX PSI RATE 4 BPM REMARKS: Establish pump rate Mix + Pemp 100 # Premium Gel Flush MIX PSI RATE 4 BPM REMARKS: Establish pump rate Mix + Pemp 100 # Premium Gel Flush MIX PSI RATE 4 BPM REMARKS: Establish pump rate Mix + Pemp 100 # Premium Gel Flush MIX PSI RATE 4 BPM REMARKS: Establish pump rate Mix + Pemp 100 # Premium Gel Flush MIX PSI RATE 4 BPM MIX PSI RATE 4 BPM MIX PSI RATE 4 BPM MIX PI MIX PSI RATE 4 BPM MIX PSI MIX PSI RATE 4 BPM MIX PSI	
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REMARKS: Establish Pump rate Mix + Pump 100# Premium Gel Flush Mix & Pump & BBL Tell tal dye. Mix + Pump 115 15 ks 50/50 Pos Mix Cement - To Cel 12# Phono Scallele. Flush Dump & has Close Displace 4" Rubber plus to nasing TD ap 12,1573 BLS Freshwater Pressure to hash PSI. Release pressure to sex Foot value. Chack Plus dept will wire lose. Account Code Quanity or Units Description of Services or PRODUCT Unit PRICE Stol 1 Pump Charge 495 366 5402 766	
Mixa Parms & BBL Tell tale dye. Mix + Perms 155 SKS 50/50 Pos Mix Cement - To Cal 13th Phana Scal/sks. Flush Dump & him close. Displace 4" Rubber play to casing to and 12.15 BBLS freshwater. Pressure: to book PSI. Ralease pressure to sex float value. Chack Plug depth w/ wire Ime. Rig Supplied Water. Account Code. Rig Supplied Water. DESCRIPTION of SERVICES or PRODUCT UNIT PRICE S401 PUMP CHARGE 495 366 S402 766	
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5702 766 MILEAGE 495 368	PXT &
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3 407 Minimum	nt
	3805
1124 115 sks 50/50 An mix (- ment) 12	20175
118B 299# Transing Cul	مع وی
1107 A 58" Pheno Scal	7074
	4200
1105	
7.63 SALESTAX /C	073
FCTMATED 1	845.44
UTHORIZTION TITLE DATE	

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

Short Cuts

TANK CAPACITY

BBLS. (42 gal.) equals D²x.14xh
D equals diameter in feet.
h equals height in feet.

BARRELS PER DAY

Multiply gals, per minute x 34.2

HP equals BPH x PSI x .0004

BPH - barrels per hour

PSI - pounds square inch

TO FIGURE PUMP DRIVES

- * D Diameter of Pump Sheave
- * d Diameter of Engine Sheave

SPM - Strokes per Minute

RPM - Engine Speed

R - Gear Box Ratio

* C - Shaft Center Distance

D - RPMxd over SPMxR

d - SPMxRxD over RPM

SPM - RPMxD over RxD

R - RPMxd over SPMxD

BELT LENGTH $= 2C + 1.57(D + d) + \frac{(D \cdot d)^2}{4C}$

*Need these to ligure belt length

TO FIGURE AMPS:

WATTS VOLTS = AMPS

746 WATTS equal 1 HP

W Log Book

Well No	-102.	
Farm Tren	t Burka	lell
KS (State)		Franklin
12 (Section)	(Township)	20 (Range)
For	Well Owner)	

TOWN OIL CO.

Route 4
Paola, Kansas 66071
913-294-2125

	Farm:County	Feet	In.	Feet	In.	Feet	in
	State; Well No				+	<u></u> .	-
	Elevation						 - ·
3	Commenced Spuding S-9		:			-	
	Finished Drilling 8-12 18-2011				:		
	Driller's Name Scatt Kirkland				_	<u> </u>	-
	Driller's Name		ļ.				
	Driller's Name	····				<u> </u>	
	Tool Dresser's Name CAde Shay					<u> </u>	
	Tool Dresser's Name				<u> </u>	 	
	Tool Dresser's Name						
	Contractor's Name Town Cil Co.			,		<u> </u>	_
	(Section) (Township) (Range)					<u> </u>	
	Distance fromline,ft.						
	Distance fromline,ft.						
						<u></u>	
	•		'				
	CASING AND TUBING						
	RECORD						
	neodile						
	10" Set 10" Pulled						
	8" Set 00' 35° 8" Pulled						
. •	7/11						
	2" Set 2" Pulled			+		#	===
-					-1-		

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Thickness of Strate	Formation	Total Depth	Remarks
7	Scil4 chay	7	
8	Lime	15	
14	_ siale	29	
21	lime	39 50	
15	Shahe	65	
6	Lime	71	
u	shale.	82	
28	Line	110	
82	Shelve	i92	
19	Lime	Zil	
13	Shale	226	
2	Lime	22-8	
14	Shale	242	
13	line	255	W shalle stits
9	5 halve	<i>∂</i> 74	
16	Lime	ANO	_ Orun
9	Stale	299	
<u> </u>	L-jore	329	Winterset
7	Sinle as late	33 <i>G</i>	
31	Lime	357	Bothany FAlls
4	Shale Aslate	361	
3_	Line	364	K.c
3	shale #slate		
7	Line	374	Hertha
111	Stale Aslate	485	
	≤if _l nd	493	no show solid Broken
	2-		-3-

Thickness of Strata	Formation	Total Depth	Remarks
3 9	Brandy Shorbe	532	w-lime Strts
	Lime	54.3	
15	Stardy Strate	558_	green
•	Line	559	<u> </u>
8	SALLE BURELO BAR	567	
28	SAND _	545	no show solid, grey
5	Lime	600	
16	s'hale_	le Le	w lime strks
3	Lime	618	Brun
15	shide_	633	
8	Line	641	
21_	Shale	662	w- lime streaks good odor
3	SAND	665	pretisinal lime CHO , GASSY
- 9	Sand_	674	sold good Show odor
3	5 Kud	626	Broken - BLACK SAND Slight Bleed
44	sound, shake	721	no show
7	SAnd	728	profen slight show to do gusty
4 3	< Audy shale	734	
6	5 And	737	good odor & Show
45	Syrndy sholx	782	TD
	<u> </u>	 	
		<u> </u>	
		<u></u>	
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	1		