



KANSAS CORPORATION COMMISSION 1081442
OIL & GAS CONSERVATION DIVISION

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
Name: BG-5, Inc.
Address 1: 3939 ELLIS RD
Address 2:
City: RANTOUL State: KS Zip: 66079 + 9090
Contact Person: Jimmie Patton
Phone: (785) 869-3860
CONTRACTOR: License # 6142
Name: Town Oil Company Inc.
Wellsite Geologist: NA
Purchaser:

Designate Type of Completion:

- New Well Re-Entry Workover
- 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:

Operator:
Well Name:
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 #:
 Dual Completion Permit #:
 SWD Permit #:
 ENHR Permit #:
 GSW Permit #:

9/28/2011	9/30/2011	9/30/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-059-25744-00-00
Spot Description:
SE SW SE SW Sec. 12 Twp. 18 S. R. 20 East West
165 Feet from North / South Line of Section
3555 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Franklin
Lease Name: Rauch Well #: 6
Field Name: Paola-Rantoul
Producing Formation: Squirrel
Elevation: Ground: 1062 Kelly Bushing: 0
Total Depth: 902 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 20 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.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 1500 ppm Fluid volume: 80 bbls
Dewatering method used: Evaporated
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: License #:
Quarter Sec. Twp. S. R. East West
County: 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

- Letter of Confidentiality Received
Date:
 Confidential Release Date:
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: Deanna Garrison Date: 05/31/2012



1081442

Operator Name: BG-5, Inc. Lease Name: Rauch Well #: 6
 Sec. 12 Twp. 18 S. R. 20 East West County: Franklin

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 Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No

Electric Log Submitted Electronically Yes No
 (If no, Submit Copy)

Log Formation (Top), Depth and Datum Sample

Name Top Datum
 GammaRay

List All E. Logs Run:

GammaRay/Neutron/CCL

CASING RECORD New 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
Surface	9	7	10	20	Portland	3	50/50 POZ
Completion	5.6250	2.8750	8	760	Portland	106	50/50 POZ

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing	-			
___ Plug Back TD				
___ Plug Off Zone	-			

PERFORATION RECORD - Bridge Plugs Set/Type
 Specify Footage of Each Interval Perforated

Shots Per Foot	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method: Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS:

Vented Sold Used on Lease
 (If vented, Submit ACO-18.)

METHOD OF COMPLETION:

Open Hole Perf. Dually Comp. Commingled
 (Submit ACO-5) (Submit ACO-4)
 Other (Specify) _____

PRODUCTION INTERVAL:

Rauch Farm: Franklin County
 13 State: Well No. 6

Elevation _____
 Commenced Spudding 9-28 2011
 Finished Drilling 9-30 2011
 Driller's Name Scott Kirkwood
 Driller's Name Winton Town
 Driller's Name _____
 Tool Dresser's Name L. Ache Shady
 Tool Dresser's Name Clayton Turner
 Tool Dresser's Name _____
 Contractor's Name Town Oil Co
 13 13 20

(Section) (Township) (Range)
 Distance from _____ line _____ ft.
 Distance from _____ line _____ ft.

CASING AND TUBING MEASUREMENTS

Feet	In.	Feet	In.	Feet	In.

CASING AND TUBING RECORD

10" Set _____ 10" Pulled _____
 8" Set 20' - 35' 8" Pulled _____
 6 1/4" Set _____ 6 1/4" Pulled _____
 4" Set 760' - 4 1/2" Pulled _____
 2" Set _____ 2" Pulled _____

374

Rauch #6

Thickness of Strata	Formation	Total Depth	Remarks
6	soil & clay	6	
7	Lime	13	
3	shale	16	
9	Lime	25	
7	Shale	32	
26	Lime	58	
24	shale	82	
15	Sand	97	grey, no show
30	Lime	127	
80	Shale	207	
23	Lime	230	
6	sand	236	green, no show
15	shale	251	grey
16	Limeshells	267	
21	Shale	288	green
16	Lime	304	Drum
9	shale	313	
31	Lime	344	Bathony Falls
8	shale & slate	352	
19	Lime	371	Winterset
4	shale & slate	375	
4	Lime	379	K.L.
2	shale & slate	381	
6	Lime	387	Hertig
147	shale & slate	534	
8	shale & shells	542	
12	Lime	554	

357
250
668

Rauch #6

Thickness of Strata	Formation	Total Depth	Remarks
		554	
4	shale	558	
4	Lime	562	
18	shale	580	
3	Sand	583	
4	Shale	587	gray / no show
13	Sand	600	
8	shale	608	gray / no show
3	Lime	611	
12	shale	623	
3	Lime	626	
11	shale & slate	637	
3	Lime	640	
18	shale	658	
4	Lime	662	
7	shale	669	
3	sand oil	672	
40	SANDY shale	705	Broken slight odor & bleed grey no show
5	SAND	710	Broken ok show & odor
8	sandy shale	718	
7	SAND	725	
45	SANDY shale	770	Broken good odor & show T.D.



CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 32887

LOCATION Ottawa KS

FOREMAN Fred Maden

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

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9/30/11	1564	Rauch # 6	SW 12	18	20	FR
CUSTOMER						
BG-S Inc						
MAILING ADDRESS						
3939 Ellis Rd						
CITY						
Rentool		STATE	ZIP CODE			
		KS	66079			
* TRUCK # DRIVER TRUCK # DRIVER						
506		FREMAD		Safety Mfg		
495		CASKEN		CKO		
558		HEIDET		KD		

JOB TYPE Long string HOLE SIZE 6 3/4 HOLE DEPTH 770 CASING SIZE & WEIGHT 4 1/2
 CASING DEPTH 760 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 4" Plug
 DISPLACEMENT 12.06 DISPLACEMENT PSI _____ MIX PSI _____ RATE 5 BPM

REMARKS: Establish rate. Mix + Pump 100# Premium Gel Flush. Mix + Pump 8.5 Bbl Telltale dye. Mix + Pump 50/50 Por Mix Cement 2 1/2 Cbl 1/2 # Phenoseal/sk. Flush pump & lines clean. Displace 1/2" Rubber plug to casing TD w/ 12.06 Bbl Fresh water. Pressure to 700 PSI. Release pressure to set float valve. Check plug depth w/ wire line. Circulated 4 Bbl Slurry to pit.

Rig water: Town Oil Co. Fred Maden

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		975 ⁰⁰
5406	15 mi	MILEAGE		60 ⁰⁰
5402	760'	Casing footage		NIC
5407	Minimum	Ton Miles		330 ⁰⁰
1104	106 SKS	50/50 Por Mix Cement		1107 ²⁰
1118B	385 [#]	Premium Gel		77 ⁰⁰
1107A	53 [#]	Pheno Seal		64 ⁶⁶
4404	1	4 1/2" Rubber Plug		42 ⁰⁰
244733				
		7.8%	SALES TAX	100 ⁷³
			ESTIMATED TOTAL	2257 ⁰⁹

Ravin 3737

AUTHORIZATION [Signature] 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.