

Co	nfiden	tiality	/ Requested:
	Yes	N	lo

### Kansas Corporation Commission Oil & Gas Conservation Division

1173585

Form ACO-1
August 2013
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:			Sec.	TwpS. R	East West
Address 2:			F6	eet from North /	South Line of Section
City:	State: Z	ip:+	Fe	eet from East /	West Line of Section
Contact Person:			Footages Calculated from	Nearest Outside Section C	Corner:
Phone: ()			□ NE □ NW	V □SE □SW	
CONTRACTOR: License #			GPS Location: Lat:	, Long:	
Name:				(e.g. xx.xxxxx)	(e.gxxx.xxxxx)
Wellsite Geologist:			Datum: NAD27	NAD83 WGS84	
Purchaser:			County:		
Designate Type of Completion:			Lease Name:	W	ell #:
	e-Entry	Workover	Field Name:		
	_		Producing Formation:		
☐ Oil ☐ WSW ☐ D&A	☐ SWD	∐ SIOW ∏ SIGW	Elevation: Ground:	Kelly Bushing:	
	GSW	Temp. Abd.	Total Vertical Depth:	Plug Back Total D	epth:
CM (Coal Bed Methane)	dow	Temp. Abd.	Amount of Surface Pipe Se	et and Cemented at:	Feet
☐ Cathodic ☐ Other (Co	ore. Expl., etc.):		Multiple Stage Cementing	Collar Used? Yes	No
If Workover/Re-entry: Old Well I			If yes, show depth set:		
Operator:			If Alternate II completion, c	cement circulated from:	
Well Name:			feet depth to:	w/	sx cmt.
Original Comp. Date:					
Deepening Re-perf	J	ENHR Conv. to SWD	Drilling Fluid Managemer	nt Plan	
Plug Back	Conv. to G		(Data must be collected from to		
Commingled	Permit #		Chloride content:	ppm Fluid volume	: bbls
Dual Completion			Dewatering method used:_		
SWD			Location of fluid disposal if	hauled offsite:	
ENHR	Permit #:				
GSW	Permit #:		Operator Name:		
			Lease Name:		
Spud Date or Date R	eached TD	Completion Date or	Quarter Sec	TwpS. R	East West
Recompletion Date		Recompletion Date	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						
Confidentiality Requested						
Date:						
Confidential Release Date:						
Wireline Log Received						
Geologist Report Received						
UIC Distribution						
ALT I II III Approved by: Date:						

Page Two



Operator Name:			L	ease Name: _			Well #:	
Sec Twp	S. R	East We	est C	County:				
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in pres	sures, whether sh	ut-in pressur	e reached stati	c level, hydrosta	tic pressures, bott		
Final Radioactivity Lo files must be submitted					gs must be ema	iled to kcc-well-log	gs@kcc.ks.go	. Digital electronic log
Drill Stem Tests Taker (Attach Additional		Yes	No	L		n (Top), Depth an		Sample
Samples Sent to Geo	logical Survey	Yes	No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		Yes Yes	No No					
List All E. Logs Run:								
		(	CASING REC	ORD Ne	w Used			
		· ·		ıctor, surface, inte	ermediate, producti		T	
Purpose of String	Size Hole Drilled	Size Casin Set (In O.D		Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
		ADD	ITIONAL CEN	MENTING / SQL	JEEZE RECORD			
Purpose:	Depth Top Bottom	Type of Cem	ent #	# Sacks Used Type and Percent Additives				
Perforate Protect Casing	100 20111111							
Plug Back TD Plug Off Zone								
1 lag on zono								
Did you perform a hydrau	ulic fracturing treatment	on this well?			Yes	No (If No, ski)	o questions 2 ar	nd 3)
Does the volume of the to		•				_	o question 3)	(" 100 ")
Was the hydraulic fractur	ing treatment information	on submitted to the c	hemical disclo	sure registry?	Yes	No (If No, fill o	out Page Three	of the ACO-1)
Shots Per Foot		ION RECORD - Bri Footage of Each Int				cture, Shot, Cement		d Depth
	, ,				,		,	
TUBING RECORD:	Size:	Set At:	Pa	acker At:	Liner Run:			
						Yes No		
Date of First, Resumed	Production, SWD or Ef		cing Method: owing	Pumping	Gas Lift C	ther <i>(Explain)</i>		
Estimated Production Per 24 Hours	Oil	Bbls. G	as Mcf	Wate	er Bl	ols. G	ias-Oil Ratio	Gravity
DIODOCITI	ON OF CAS:		RACT!!		TION		DRODUCTIO	AN INTEDVAL.
Vented Solo	ON OF GAS:  Used on Lease	Open Ho		IOD OF COMPLE $\Box$		nmingled	PHODUCIIC	ON INTERVAL:
	bmit ACO-18.)	Other (S	necify)	(Submit		mit ACO-4)		

### CEMENT FIELD TICKET AND TREATMENT REPORT

ob Type	G&J	State, County	Chautauqua , Kansas	Cement Type	CLASS A
	Long String	Section	15	Excess (%)	30
stomer Acct #	75-1/40.00	TWP	345	Density	13.3
ell No. ailing Address	Brant #13-02	RGE	13E	Water Required	8.82
ly & State		Formation		Yeild Sacks of Cement	1.85
Code		Tubing Drill Pipe		Slurry Volume	65.9 bbl
ontact		Casing Size	4 1/2"	Displacement	33.2
nail		Hole Size	· · · · · · · · · · · · · · · · · · ·	Displacement PSI	
ilan H			6 3/4"		300-800
spatch Location	BARTLESVILLE	Casing Depth	2049'	MIX PSI	300
		Hole Depth	TURE CONTRACTOR OF THE PROPERTY OF THE PROPERT	Rate	4 bpm
ode 5401	Cement Pump Charges and Mileage		Unit	Price per Unit	A 4005.6
5402	CEMENT PUMP (2 HOUR MAX) FOOTAGE	2049	2 HRS MAX	\$1,085.00 \$0.23	\$ 1,085.0 \$ 471.2
5406	EQUIPMENT MILEAGE (ONE-WAY)	35	PER FOOT PER MILE	\$4.20	\$ 147.0
5407	MIN. BULK DELIVERY (WITHIN 50 MILES)	1 1	PER IOAD	\$368.00	\$ 368.0
0	Will BOUTOLEY LITT (WITHIN OU WILLO)		0	\$0,00	\$ -
0	"		0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$
0			0	\$0.00	\$ -
			· · · · · · · · · · · · · · · · · · ·	QUIPMENT TOTAL	\$ 2,071.2
Water Andrew	Cement, Chemicals and Water				
1104S	CLASS A CEMENT (SALES) BLEND(SK)	200	0	\$15.70	\$ 3,140.0
1118B	PREMIUM GEL/BENTONITE (50#)	750	0	\$0.22	\$ 165.0
1107A	PHENOSEAL	80	0	\$1.35	\$ 108.0
1110A	KOL SEAL (50 # SK)	2000	0	\$0.46	\$ 920.0
1111	GRANULATED SALT (50#) SELL BY #	800	0	\$0.39	\$ 312.0
0			0	\$0.00	\$
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0,00	\$ -
0		4.41	0	\$0.00	\$ -
0			0	\$0,00	\$ -
0			0	\$0.00	\$ -
0	<u> </u>		0	\$0.00 Chemical Total	\$ - \$ 4,645.0
0 0 0	Cement Water Transports		0 0 0 0	\$0.00 \$0.00 \$0.00 Transports Total	\$ - \$ - \$ -
	Cement Floating Equipment (TAXABLE)			STEWNERS OF CHARLES	PROFESION OF THE
	Cement Basket		um ing ung mengangan paggal pag- atanggan paggal paggal paggal paggal paggal paggal paggal paggal paggal paggal paggal paggal pagg	ng garaga na katang katang Katang panggang katang kat	
0		T	0	\$0.00	\$ -
	Centralizer		(0.00)	A RESERVED WASHING THE RESERVED OF THE	
0			0	\$0.00	\$ -
0		<u> </u>	0		\$ -
475465,31750	Float Shoe	1289,20,348,3			A SOME DESIGNATION OF THE SECOND SECO
0		0.00	0	\$0.00	\$ -
	Float Collars				2.50.00 (P. 33)2/1
0 ]			0		\$ -
	Guide Shoes	600 BB 60 E 50 B	managed and a second and a consideration and same	\$4.400 4.400 17 1 10 10 10 10 10 10 10 10 10 10 10 10 1	
0			0	\$0.00	\$ -
the artists of the second College and	Baffle and Flapper Plates				
			0 (	\$0.00	\$ -
0	makan kan kan dia panggalan sa dan sakan ang panggalan sakan sakan sakan sakan sakan sakan sakan sakan sakan s		2) L. S. S. Brand, A. P. Colombia and Physical Property in Leading Computer Services.		
0	Packer Shoes		•	00.00	•
0 0			0	\$0.00	\$ 
0 0	Packer Shoes DV Tools		0	tings, in a program in the thirds	London Maria (1985)
0	DV Tools		0 0	\$0.00	\$ -
0 0			0 0	\$0.00	\$
0 0 0	DV Tools		0 0	\$0.00 \$0,00	\$
0 0	DV Tools		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$0.00 \$0.00 \$0.00	\$ - \$ -
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DV Tools Ball Valves,Swedges,Clamps, Misc.		0	\$0.00 \$0.00 \$0.00	\$ - \$ - \$ - \$ -
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DV Tools  Ball Valves, Swedges, Clamps, Misc.  Plugs and Ball Sealers		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$0.00 \$0.00 \$0.00 \$0.00	\$ - \$ - \$ - \$ -
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DV Tools  Ball Valves, Swedges, Clamps, Misc.  Plugs and Ball Sealers  4' 1/2" RUBBER PLUG	1	0	\$0.00 \$0.00 \$0.00 \$0.00 \$47.25	\$ - \$ - \$ - \$ - \$ 47.25
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0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DV Tools  Ball Valves, Swedges, Clamps, Misc  Plugs and Ball Sealers  4' 1/2" RUBBER PLUG  Downhole Tools  DRIVER NAME	1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$0.00 \$0.00 \$0.00 \$0.00 \$47.25 \$0.00 QUIPMENT TOTAL SUB TOTAL SALES TAX	\$ - \$ - \$ - \$ 47.25 \$ - \$ 47.25 \$ 6,763.52
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DV Tools  Ball Valves, Swedges, Clamps, Misc.  Plugs and Ball Sealers  4' 1/2" RUBBER PLUG  Downhole Tools  DRIVER NAME  Kirk Sanders  James Ness	1	O O O O O O O O O O O O O O O O O O O	\$0.00 \$0.00 \$0.00 \$0.00 \$47.25 \$0.00 RUIPMENT TOTAL SUB TOTAL SALES TAX TOTAL	\$ - \$ - \$ - \$ - \$ 47.25 \$ 47.25 \$ 6,763.52 \$ 1,965.43
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### CEMENT FIELD TICKET AND TREATMENT REPORT

Customer	G&J	State, County	Chautauqua , Kansas	Cement Type	CLASS A
Job Type	Long String	Section	15	Excess (%)	30
Customer Acct #	0	TWP	34S	Density	13.3
Well No.	Brant #13-02	RGE	13E	Water Required	8.82
Vailing Address	.0	Formation	0	Yeild	1.85
City & State	0	Tubing	0 _	Sacks of Cement	200
Zip Code	0	Drill Pipe	0	Slurry Volume	65.9 bbl
Contact	0	Casing Size	4 1/2"	Displacement	33.2
≣mail	0	Hole Size	6 3/4"	Displacement PSI	300-800
Cell	0	Casing Depth	2049'	MIX PSI	300
Dispatch Location	BARTLESVILLE	Hole Depth	0	Rate	4 bpm
Time:	Description	Rate (bpm)	Volume (bbl)	Pressure	Notes
	<del></del>		-		i
			·		
	. ,			_	
	- A-A				
Amo	ount of Cement Left in Casing				
		Remarks:			
Established o	irc., ran 200sx of cement w/ 4% gel, 10# kol se				d 33.2 bbl
	to land. Landed plug @ 1400	#, plug held. Circulated cemen	t to surface, shut in and wash	ed up.	
		Customer provided water	r.		
	7-0				
		• 11			
· · · · · · · · · · · · · · · · · · ·					

## **Southwinds Energy, LLC Drillers Log**

Operator: G & J Oil Co. Address: PO Box 188

Caney, KS 67333

License	#34	133
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Lease	Brant				
Well No.	13-02 API: 15-019-27364				
Footage Location	Section 15 T34S R13E				
	390 FSL & 1325 FEL				
Contractor	Southwinds Energy, LLC				
Spud Date	11/15/2013				
Date Completed	11/22/2013				
Total Depth	2060'				

Casing Record	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Cement	Sacks
Surface	12.75"	8.625"	20lbs/ft	43'	Portland	10
Production	6.75"	4.5"	9.5lbs/ft	2048.49'		200
Well Log						7 40 -
Formation	Тор	Bottom		Formation	Тор	Bottom
Topsoil	0	2		Sand (show)	830	84
Clay	2	15		Shale	845	940
Shale	15	43		Lime	940	969
Sand	43	57		Shale	965	1056
Sand (hard)	57	61		Lime	1056	1087
Shale	61	95		Shale	1087	1097
Sand	95	136		Lime	1097	1116
Shale	136	315		Shale	1116	1124
Sand	315	378		Lime	1124	1136
Shale	378	390		Shale	1136	1203
Sand	390	464	<u> </u>	Lime	1203	1207
Lime	464	470	***	Sand (odor)	1207	1215
Shale	470	535		Shale	1215	1379
Lime	535	540		Sandy Shale	1379	1396
Sandy Shale	540	550		Shale	1396	1475
Shale	550	575		Sand (gas odor)	1475	1485
Sand	575	580		Shale	1485	1535
Shale	580	718		Sandy Shale	1535	1540
Lime	718	733		Chat	1540	1595
Sand (show)	733	768		Lime	1595	1673
Shale	768	793		Sand	1673	1737
_ime	793	803		Lime	1737	1765
Shale	803	815		Shale	1765	1848
-ime	815	830		Lime	1848	1917
<u>-</u>				Sand (odor)	1917	1918
				Lime	1918	2060