

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1173657

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:				Lease I	Name: _			Well #:		
Sec Twp	S. R	East	West	County	:					
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in press o surface test, along v	ures, whet vith final c	ther shut-in pre hart(s). Attach	essure reac extra shee	hed stati t if more	c level, hydrosta space is neede	tic pressures, bod.	ottom hole temp	erature, fluid re	ecovery,
Final Radioactivity Lo files must be submitte						gs must be ema	liled to kcc-well-	ogs@kcc.ks.go	v. Digital electi	ronic log
Drill Stem Tests Taker (Attach Additional		Ye	es No			J	on (Top), Depth		Samp	
Samples Sent to Geo	logical Survey	Ye	es No		Nam	e		Тор	Datum	1
Cores Taken Electric Log Run		☐ Ye								
List All E. Logs Run:										
				RECORD	Ne					
	0: 11.1					ermediate, product		" 0 1	T 15	
Purpose of String	Size Hole Drilled		e Casing (In O.D.)	Weig Lbs.		Setting Depth	Type of Cement	# Sacks Used	Type and Pe Additive	
			ADDITIONAL	CEMENTI	NG / SQL	JEEZE RECORD				
Purpose:	Depth Top Bottom	Туре	of Cement	# Sacks	Used		Type and	Percent Additives		
Perforate Protect Casing	Top Detterm									
Plug Back TD Plug Off Zone										
1 lug 0 li 20 lio										
Did you perform a hydrau	ulic fracturing treatment of	on this well?	•			Yes	No (If No, s	kip questions 2 a	nd 3)	
Does the volume of the t			_		-		= ` `	kip question 3)		
Was the hydraulic fractur	ing treatment information	n submitted	to the chemical of	disclosure re	gistry?	Yes	No (If No, f	ill out Page Three	of the ACO-1)	
Shots Per Foot			D - Bridge Plug Each Interval Perf				cture, Shot, Ceme			Depth
						(_	
TUBING RECORD:	Size:	Set At:		Packer A		Liner Run:				
		0017111				[Yes N	0		
Date of First, Resumed	Production, SWD or EN	HR.	Producing Meth	nod:	g 🗌	Gas Lift (Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wat	er B	bls.	Gas-Oil Ratio	Gra	avity
DIODOCITI	01.05.040			4ETUOD 05	001451	TION		DDODUCT	ONLINITED (A)	
DISPOSITION Solo	ON OF GAS: Used on Lease		N Open Hole	∥ETHOD OF ☐ Perf.			nmingled	PRODUCTION	ON INTERVAL:	
	bmit ACO-18.)		Other (Specify)		(Submit		mit ACO-4)			

WELL LOG

Thickness of Strata	Formation	Total Depth
0-50	soil/clay	50
5	lime	55
137	shale	192
4	lime	196
8	shale	204
14	lime	218
8	shale	226
7	lime	233
5	shale	238
23	lime	261
30	sandy shale	291
17	lime	308
20	sandy shale	328
582	shale	380
22	lime	402
19	shale	421
7	lime	428
14	shale	442
' 8	sandy shale	450
18	lime	468
17	shale	485
22	lime	507
7	shale	514
24	lime	538
5	shale	543
4	lime	547
3	shale	550
7	lime	557
171	shale	728
5	lime	733
17	shale	750
5	lime	755
18	shale	773
3	lime	776
40	shale	816
1	lime	817
4	shale	821
5	sandy shale	826
2	sand and lime	828
24	sand	852

Lease Owner:Altavista

Douglas County, KS Town Oilfield Service, Inc. Commenced Spudding: Well:Baldwin Unit AI-27 (913) 837-8400 11/13/2013

8	sand	860
12	sand	872
2	sandy lime	874
86	shale'	960-TD
	<u> </u>	
B		
,		

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) + $\frac{(D-d)^2}{4C}$

* Need these to figure belt length

TO FIGURE AMPS:

WATTS = AMPS VOLTS

746 WATTS equal 1 HP

Log Book

Farm Baldwin Unit For Altau sta Energy (Well Owner)

Town Oilfield Services, Inc.

1207 N. 1st East Louisburg, KS 66053 913-710-5400

Baldwin Unit Dovilas County KS State; Well No. AI- 27	CASING AN	ND TUBING MEASL	JREMENTS
State; Well No	Feet In.	Feet In.	Feet In.
1052 N (12 13	917. 05	Battle	
Commenced Spuding 7000 17 20 17	11.17		
Finished Drilling	948.65	- E/ L	$ \frac{7}{2}$
Commenced Spuding Nov 13 20 13 Finished Drilling Nov 14 20 13 Driller's Name Wesley Dollard	-178, 23	FLORT	- 4
Driller's Name			
Driller's Name			
Tool Dresser's Name Kyan Ward	-		
Tool Dresser's Name - Kyan Ward			
Tool Dresser's Name			
Contractor's Name			
1 15 20			
(Section) (Township) (Range)			
Distance from S line, ft.			
Distance from $\frac{5}{E}$ line, $\frac{60}{5115}$ ft.			
6 sacks			
7 415			
CASING AND TUBING			
, RECORD			
10" Set 10" Pulled			
8" Set 8" Pulled			
7 64" Set 45 64" Pulled			
4" Set 4" Pulled			
2" Set 2" Pulled			
		-1-	

Thickness of	Formation	Total	
Strata 0-50		Depth 50	Remarks
	Soil-clay Lime		
<u>5</u> 137		55	
12/	shale	192	
<u> </u>	Lime	196	
8	Shale	204	
14	Lime	218	
- 8 7	Shale	226	
	Lime	233	
5 23	Shale	238	
23	Lime	261	Shells
30	Sandy shale	291	JACIIS
17	Lime	308	
20	Sindy Shale	328	
52	Sindy shale Shale	380	
22	Lime	402	
14	Shal e	421	
7	lime	428	
14	Shale	442	
4	Sand	450	no Oil
14	Lime	468	no UTI
17	Shalt	485	
32	Lime	507	
7	Shalt	514	
24	Lim e		
5	5hal€	538. 543	
W	Lime	547	
-3	Shale	550	
	-2-		

		550	
Thickness of Strata	Formation	Total Depth	Remarks
7	Lime	557	Nemaks
171	Shale	728	
_ 5	Line	733	•
17	Shale Lime	750	
_5	Line	755	7
18	Shalt	773	
3	Lime	776	
40	shele Limy	816	
/	Limy	817	
4	Shale	821	
_5	sandy shale	826	
2	Sand & Lime	828	no 0:1
24	Sand	852	
8 12	Sand	860	brown - odor no show broken - 50% - Prif
12	sand	872	Solid - Prif
2	Sandy Limit	874	no Oil
86	Shele	960	TD
			1.3
	-4-		

-5-

CONSOLIDATED Oil Well Services, LLC

REMIT TO

Consolidated Oil Well Services, LLC Dept. 970 P.O. Box 4346 Houston, TX 77210-4346

MAIN OFFICE P.O. Box 884 Chanute, KS 66720 620/431-9210 • 1-800/467-8676 Fax 620/431-0012

INVOICE

Invoice #

264010

Invoice Date: 11/18/2013

Terms: 0/0/30, n/30

Page

ALTAVISTA ENERGY INC 4595 K-33 HIGHWAY

P.O. BOX 128

66092

WELLSVILLE KS (785)883-4057 BALDWIN UNIT AI-27

44778

SE 2-15-20

11-14-2013

KS

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	139.00	11.5000	1598.50
1118B	PREMIUM GEL / BENTONITE	434.00	.2200	95.48
1111	SODIUM CHLORIDE (GRANULA	269.00	.3900	104.91
1110A	KOL SEAL (50# BAG)	695.00	.4600	319.70
1401	HE 100 POLYMER	.50	47.2500	23.63
4402	2 1/2" RUBBER PLUG	1.00	29.5000	29.50
Description		Hours	Unit Price	Total
369 80 BBL VACUUM	TRUCK (CEMENT)	2.00	90.00	180.00
558 MIN. BULK DELI	IVERY	1.00	368.00	368.00
666 CEMENT PUMP		1.00	1085.00	1085.00
666 EQUIPMENT MILE	EAGE (ONE WAY)	20.00	4.20	84.00
666 CASING FOOTAGE	3	948.00	.00	.00

Parts: 2171.72 Freight:

Labor:

.00 Tax:

155.28 AR

4044.00

.00 Misc:

.00 Total:

4044.00

Sublt:

.00 Supplies:

.00 Change:

.00

Signed

Date

BARTLESVILLE, OK 918/338-0808

EL DORADO, KS 316/322-7022

EUREKA, KS 620/583-7664

PONCA CITY, OK 580/762-2303

OAKLEY, KS 785/672-8822 OTTAWA, KS 785/242-4044

THAYER, KS 620/839-5269 GILLETTE, WY 307/686-4914

CUSHING, OK 918/225-2650



CONSOLIDATED OIL Wolf Services, LLC

264010

LOCATION Albua, KS
FOREMAN Cases Kennedy

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

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CHOTOMED #	LAIM!						
	CUSTOMER#	WELL	NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY
11/14/13	3244	Baldwin	, buit	#AI-27	SEa	15	20	06
USTOMER	1. :d. F				中国中国的			
AILING ADDRE	SS	nergy		-	TRUCK#	DRIVER	TRUCK#	DRIVER
Da		,			# 729	Carken	V. Batch	Moting
TY	Box 128	STATE	ZIP CODE	1	22.8 22.8	Carlo	<u> </u>	
wells		KS	66092		369	Mat Coc		 -
DB TYPE CHA			1/8"	J HOLE DEPTH		Der Plas	72	1-11 0 - 10 -
ASING DEPTH	7	DRILL PIPE		TUBING 60		_ CASING SIZE & V		& CUE
URRY WEIGH	W	SLURRY VOL		WATER gal/si	40.40.00.00.00.00.00	CEMENT LEFT In	CASING 3/	,
		DISPLACEMENT	PSI	MIX PSI	`	RATE 4.54		
MARKS: Le	ld setate	meeting.	1 1 1-	had circ	1041	17	1	1/2 - 1
Lynn 100	circulated	1 1/1	or the		dition		poupod	12 901
1		- 1 1	wed be	10 66		sales, mi	1 .	suped
39 Ses			ment of	1 270 0		of t		ea per
COLLAN		face, Ale	1 1	up cle	,	21/4 H	5.26-6-5	ed per
Ale w	5,31 666			prosure	1 11 0	DPCI CO	leased o	occ iro
	casina.	17-22-	70	716320.20	75 60	0 131 10	rease p	rescure,
101	(43.00)				$\overline{}$) 1 ()		1
				****	1,			
10000							/	
ACCOUNT				87 Fanto				
t t	QUANITY o	r UNITS	DE:	SCRIPTION of	SERVICES or P	RODUCT	UNIT PRICE	TOTAL
CODE	QUANITY o		- 58: 2		SERVICES or P	RODUCT	UNIT PRICE	TOTAL
CODE			DE: PUMP CHARGI WILEAGE		SERVICES or P	RODUCT	UNIT PRICE	1085.00
5401 5400	20 m		PUMP CHARGI	E	SERVICES or P	RODUCT	UNIT PRICE	1085.00
5406 5408	20 m 948'	ا أ	PUMP CHARGE	footage	SERVICES or P	RODUCT	UNIT PRICE	84.00
5401 5400 5402 5407	20 m 948'		PUMP CHARGE MILEAGE CASTA	footage	SERVICES or P	RODUCT	UNIT PRICE	84.00
5401 5400 5402 5407	20 m 948'	ا أ	PUMP CHARGE	footage	SERVICES or P	RODUCT	UNIT PRICE	1085.00
5401 5400 5402 5407	20 m 948'	ا أ	PUMP CHARGE MILEAGE CASTA	footage	SERVICES or P	RODUCT	UNIT PRICE	84.00
CODE 5401 5402 5402 5407 5502C	20 mini 948' mini 2 hr	in l	PUMP CHARGE MILEAGE CASTAG TON MA	footage		RODUCT	UNIT PRICE	368.00 180.00
CODE 5401 5402 5402 5407 5502C	1 20m 948' mini 2 hr	in l	PUMP CHARGE MILEAGE TON MA SO VA SO/SO PO	footage ileage		RODUCT	UNIT PRICE	3108.00 180.00
5401 5406 5402 5403 5403 5503C	1 20m 948' mini 2 h 139 s	inven s	PUMP CHARGE MILEAGE CASTAG TON MA	footage ileage		RODUCT	UNIT PRICE	180.00 180.00 180.00
CODE 5401 5402 5407 5502C 1124 1118B	1 20m 948' mini 2 hv 139: 434:	invan S Sts	PUMP CHARGE CASINA TON MA SO VA SO VA Previous Salt	footage ileage		RODUCT	UNIT PRICE	3108.00 180.00
CODE 5401 5402 5407 5502C 1124 1118B	1 20m 948' mini 2 h 139 s 434 s 269 s	inven sts	PUMP CHARGE Casing Ton M SO Va SUSO PO Previous Solt Kolseal	footage ileage ic suix c		RODUCT	UNIT PRICE	180.00 180.00 180.00 180.00 1598.50 95.48 104.91 319.70
CODE 5401 5402 5402 5403 5503C 1134 1118B	139 : 434 : 2695 +	invan S Sts	PUMP CHARGE VAILEAGE Ton M SO VA SO VA SO PO Previous Solt Rolsoal Polyman	footage ileage ic suix c		RODUCT	UNIT PRICE	180.00 180.00 180.00
CODE 5401 5402 5402 5403 5503C 1104 1118B	1 20m 948' mini 2 h 139 s 434 s 269 s	inven sts	PUMP CHARGE Casing Ton M SO Va SUSO PO Previous Solt Kolseal	footage ileage ic suix c		RODUCT	UNIT PRICE	180.00 180.00 180.00 180.00 1598.50 95.48 104.91 319.70
CODE 5401 5402 5402 5403 5503C 1134 1118B	1 20m 948' mini 2 h 139 s 434 s 269 s	inven sts	PUMP CHARGE VAILEAGE Ton M SO VA SO VA SO PO Previous Solt Rolsoal Polyman	footage ileage ic suix c				180.00 180.00 180.00 180.00 1598.50 95.48 104.91 319.70
CODE 5401 5402 5402 5403 5503C 1104 1118B	1 20m 948' mini 2 h 139 s 434 s 269 s	inven sts	PUMP CHARGE VAILEAGE Ton M SO VA SO VA SO PO Previous Solt Rolsoal Polyman	footage ileage ic suix c				180.00 180.00 180.00 180.00 1598.50 95.48 104.91 319.70
CODE 5401 5402 5402 5403 5503C 1104 1118B	1 20m 948' mini 2 h 139 s 434 s 269 s	inven sts	PUMP CHARGE VAILEAGE Ton M SO VA SO VA SO PO Previous Solt Rolsoal Polyman	footage ileage ic suix c				180.00 180.00 180.00 180.00 1598.50 95.48 104.91 319.70
CODE 5401 5402 5402 5403 5502C 1124 1118B	1 20m 948' mini 2 h 139 s 434 s 269 s	invan	PUMP CHARGE VAILEAGE Ton M SO VA SO VA SO PO Previous Solt Rolsoal Polyman	footage ileage ic suix c				180.00 180.00 180.00 180.00 1598.50 95.48 104.91
CODE 5401 5402 5402 5407 5502C	1 20m 948' mini 2 h 139 s 434 s 269 s	invan	PUMP CHARGE VAILEAGE Ton M SO VA SO VA SO PO Previous Solt Rolsoal Polyman	footage ileage ic suix c				180.00 3108.00 3108.00 180.00 180.00 1598.50 95.48 104.91 319.70 23.63 29.50
CODE 5401 5402 5402 5403 5502C 1124 1118B	1 20m 948' mini 2 h 139 s 434 s 269 s	invan	PUMP CHARGE VAILEAGE Ton M SO VA SO VA SO PO Previous Solt Rolsoal Polyman	footage ileage ic suix c			SALES TAX	180.00 180.00 180.00 180.00 180.00 180.00 180.00 180.00 180.00 180.00 180.00 180.00 180.00 180.00 180.00 180.00
CODE 5401 5402 5402 5407 5502C 1124 1118B 111 1104 1401 4402	1 20m 948' mini 2 h 139 s 434 s 269 s	inven -s sts #1 #1	PUMP CHARGE VAILEAGE Ton M SO VA SO VA SO PO Previous Solt Rolsoal Polyman	footage ileage ic suix c				180.00 3108.00 3108.00 180.00 180.00 1598.50 95.48 104.91 319.70 23.63 29.50

account records, at our office, and conditions of service on the back of this form are in effect for services identified on this for