

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1242429

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	_		
Address 2:			F6	eet from	uth Line of Section		
City: S	State: Z	ip:+	Fe	eet from East / We	est Line of Section		
Contact Person:			Footages Calculated from	Nearest Outside Section Corr	ner:		
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:	Well	#:		
	e-Entry	Workover	Field Name:				
	_	_	Producing Formation:				
☐ Oil ☐ WSW ☐ D&A	☐ SWD	□ SIOW □ SIGW	Elevation: Ground:	Kelly Bushing:			
☐ OG	GSW	Temp. Abd.	Total Vertical Depth:	Plug Back Total Dep	th:		
CM (Coal Bed Methane)	dow	тетір. дай.	Amount of Surface Pipe Set and Cemented at: Feet				
Cathodic Other (Co.	re, Expl., etc.):		Multiple Stage Cementing	Collar Used? Yes N	0		
If Workover/Re-entry: Old Well Ir			If yes, show depth set:		Feet		
Operator:			If Alternate II completion, c	cement circulated from:			
Well Name:			feet depth to:	w/	sx cmt.		
Original Comp. Date:	Original T	otal Depth:					
Deepening Re-perf.	Conv. to E	NHR Conv. to SWD	Drilling Fluid Managemer	nt Plan			
☐ Plug Back	Conv. to G	SW Conv. to Producer	(Data must be collected from to				
□ Oursesia eta d	D		Chloride content:	ppm Fluid volume:	bbls		
CommingledDual Completion			Dewatering method used:_				
SWD			Location of fluid disposal if	hauled offsite:			
☐ ENHR			Location of fluid disposal fi	nauleu onsite.			
GSW			Operator Name:				
<u> </u>			Lease Name:	License #:			
Spud Date or Date Re	eached TD	Completion Date or	QuarterSec	TwpS. R	_		
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 l	Name: _			Well #:		
Sec Twp	S. R	East V	West	County	:					
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in pres o surface test, along	sures, whether s with final chart(shut-in pre s). Attach	ssure reac extra shee	hed stati t if more	c level, hydrosta space is neede	itic pressures, bot d.	tom hole temp	erature, flui	d recovery,
Final Radioactivity Lo- files must be submitte						gs must be ema	ailed to kcc-well-lo	gs@kcc.ks.go	v. Digital el	ectronic log
Drill Stem Tests Taker (Attach Additional S		Yes	No				on (Top), Depth ar			mple
Samples Sent to Geo	logical Survey	Yes	☐ No		Nam	e		Тор	Da	tum
Cores Taken Electric Log Run		☐ Yes ☐ Yes	☐ No ☐ No							
List All E. Logs Run:										
			CASING		☐ Ne					
	0: 11-1-	· ·				ermediate, product		// Ol	T	d Damasat
Purpose of String	Size Hole Drilled	Size Cas Set (In O		Weig Lbs. /		Setting Depth	Type of Cement	# Sacks Used		d Percent itives
		AD	DITIONAL	CEMENTIN	NG / SQL	JEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Ce	ement	# Sacks	Used		Type and F	ercent Additives		
Perforate Protect Casing										
Plug Back TD Plug Off Zone										
Did you perform a hydrau	•					Yes	No (If No, ski	p questions 2 ar	nd 3)	
Does the volume of the to							= :	p question 3)	of the ACO	()
Was the hydraulic fractur	ing treatment information	on submitted to the	e chemicai d	isciosure re	gistry?	Yes	No (If No, fill	out Page Three	or the ACO-1	<i>)</i>
Shots Per Foot		ION RECORD - I Footage of Each I					cture, Shot, Cement mount and Kind of Ma		d	Depth
TUBING RECORD:	Size:	Set At:		Packer A	i:	Liner Run:	Yes No			
Date of First, Resumed	Production, SWD or Ef	NHR. Prod	ducing Meth	ıod:		1				
			Flowing	Pumpin	g	Gas Lift C	Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er B	bls. (Gas-Oil Ratio		Gravity
DISPOSITIO	ON OF GAS:		M	METHOD OF	COMPLE	ETION:		PRODUCTION	ON INTERVA	
Vented Sold		Open		Perf.	Dually	Comp. Cor	mmingled			
	bmit ACO-18.)		(Specify)		(Submit)	ACO-5) (Sub	mit ACO-4)			



PO Box 884, Chanute, KS 66720

INVOICE#802335

TICKET NUMBER 50658

LOCATION DA LOCATION Blan Mada

FIELD TICKET & TREATMENT REPORT

USTOMER K GNSGS RYSDUCCES EDD AILING ADDRESS G393 W 110 STATE ZIP CODE OVEN GND FONK STATE ZIP CODE OB TYPE GNGS FNING ASING DEPTH 723 DRILL PIPE TUBING DISPLACEMENT PSI 800 MIX PSI 200 TRUCK# DRIVER TRUC	20-431-9210	or 800-467-8676			CEMEN	IT			
USTONER K CH 995 R & SOUNCES FOLD ALING ADDRESS G 3 9 3 W 110 512 DV P/GWID PONK LS WAND HOLE DEPTH 74 / CABING SIZE A WEIGHT TUBING T	DATE	CUSTOMER#	WELL NA	ME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY
TRUCK # DRIVER TRUCK DRIVER	$11 \sim 11$	4448	Hollinger	K	R-24	SW 31	16	22	Ní.
ALINGADORESS 9393 W 110 15 TYY STATE 2P CODE TYY STATE DV L/GRD Pork US BAND DV L/GRD Pork US BAND BY TYE LORS 5. My BY TY TYE LORS 5. MY BY TYE LORS	CUSTOMER	1 1.000	1.0106	5217		TRUCK#	DRIVER	TRUCK#	DRIVER
G393 W 110 15 TYPE STATE ZIPCODE STATE ZIPCODE SURVIGED FORK LS GARD SSB Mic Vac. BY Velegal Fork LS GARD SSB Mic Vac. SSB Mic Vac. SSB Mic Vac. SSB Mic Vac. BY Velegal Fork LS GARD SSB Mic Vac. SS		SS NY 30	urus 1	-V-V	1		Ala Mar	1 / 1	
TO PLAND PORK STATE ZIP COOE DV PLAND PORK SURE WEIGHT ASINO DETTYPE LORIS STATE DISPLACEMENT STATE SILURRY WEIGHT SILURR		3 42 1/0	13			368	Ad Mi	7	
De logal fock 63 dallo De type Lars, Struct De type Lars, Struct De type Lars, Struct Destripe Lars, Lar	CITY	1 110	STATE ZI	CODE	1	369	M. K Has		
DETYPE TORS STALL OF TYPE TORS STALL OF TYPE TORS STALL ASING DEPTH 73 OF TYPE TORS O	. 1	A Park	165 1	de210		558	Bru Bir		
ACCOUNT CODE QUANTY OF UNITS DESCRIPTION of SERVICES OF PRODUCT UNIT PRICE TOTAL ACCOUNT CODE QUANTY OF MILEAGE STUDY				7/16	_ _ HOLE DEPT	H_ 74/	CASING SIZE & V	VEIGHT	/
EMARKS: Hald Meeting Established -cte. Mixed thambel 100 th 102 sk 50/50 cement plus 200 seld that 102 seld plus to be the cement plus 200 seld that 102 seld plus to be the cement plus 200 seld that 102 seld plus to be the cement 103 seld plus 200 seld that 102 seld seld seld seld seld seld seld seld		723			TUBING			OTHER 691,	5 11
EMARKS: Held Meeting Established -cte. Mixed of pumped 100t Cell awed by 102 sk 50/50 cement plus 20 sel or Yelf Phenoseal per Secvi Circulated cement Flushed pump langed plus to battle. Well held ROO 15t. Set float: Account QUANITY or UNITS DESCRIPTION of SERVICES or PRODUCT CODE QUANITY or UNITS DESCRIPTION of SERVICES or PRODUCT UNIT PRICE TOTAL STIP 1 23 Cassing footage 368 5702 123 80 vac 369 150 1136 271 9el 57122 11074 51 Pheno Seal 188.85 11074 51 Pheno Seal 188.85 11074 51 Pheno Seal 188.85 11074 51 Pheno Seal 190.47 1155 3020 370.44 1165 3070 370.44 11795 SALESTAX 71.95 ESTIMATED TOTAL 255.48	SLURRY WEIGH	IT	SLURRY VOL				CEMENT LEFT IN	CASING	25
Cel followed by 102 sk 5D/5D cement plus 20 seld 19 th Phenoseal per SGCV Circulated Cement Flushed pump langual plus to battle. Well held 8DD 15T. Set toat. Woylien, Utah Account code Quantry or units Description of services or product Unit price Total 5+12/ 1 Pump charge 308 1085-00 5+12/ 1 Pump charge 308 1085-00 5+12/ 1 Pump charge 308 184 5-12/ 1 Pump charge 308 185 184 5-12/ 1 Pump charge 308 185 184 5-12/ 1 Pump charge 308 185 184 5-12/ 1 Pump charge 308	DISPLACEMENT	r_ <i>4</i>	DISPLACEMENT P	si_ <i>\800</i>	MIX PSI	<u> </u>	RATE 4 5	en ,	<u> </u>
Flushed pump. Pamped plus to battle, well held 800 15t. Set float. Woylan, Utah Account QUANITY or UNITS DESCRIPTION of SERVICES or PRODUCT UNIT PRICE TOTAL CODE JUMP CHARGE JOBS 1848 5-10 1 723 (25) 14 footage 348 5-10 1 723 (25) 14 footage 348 5-10 1 723 (25) 14 footage 348 5-10 1 72 80 ver 369 (55) 1124 102 50 (50 cement 1173 ce	REMARKS: H	eld ne	etins Es	tabli	shed-	cte. M	xed + pe	mpal	1000
Flushed pump. Pamped plus to battle, well held 800 15t. Set float. Woylan, Utah Account QUANITY or UNITS DESCRIPTION of SERVICES or PRODUCT UNIT PRICE TOTAL CODE JUMP CHARGE JOBS 1848 5-10 1 723 (25) 14 footage 348 5-10 1 723 (25) 14 footage 348 5-10 1 723 (25) 14 footage 348 5-10 1 72 80 ver 369 (55) 1124 102 50 (50 cement 1173 ce	Cel	Kallowe	d by 10	22 SK	501	50 Cem	ent P	10 270	50/0
### 1975 Set Float: Woylien Utah Marker	1/2#	PHRADS	eal per	SGC	V.C	1 Culat	Cev	nent,	
ACCOUNT CODE QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL CODE STILL PUMP CHARGE 368 08500 3790 MILEAGE 368 37900 MILEAGE 369 1842 MILEAGE 369 1820 MILEAGE 369 1	Flust	red pu	Mp. Pay	gfed	Plus	to ba	He. W	ell he	2
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CODE 5410/ PUMP CHARGE 368 84° 570 723 Casing footage 368 784° 570° 723 Casing footage 368 784° 570° 723 723 725° 720	ACCOUNT	T			FARRITION	(050)(050 01	TOPICT	LINIT PRICE	TOTAL
5-106 5-107		QUANITY	or UNITS	D	ESCRIPTION	of SERVICES of Pi	RODUCI	UNIT PRICE	TOTAL
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5502C 1/2 80 ver 369 1585 [124 102 50/50 cement 1173 59.62 1118 271 9el 59.62 11074 51 Pheno seal 68.85 Material 545 3020-370.44 MHD2 1 2/2 play 29.50 SALES TAX 71.95 ESTIMATED TOTAL 25/5.48	5-106	1		ILEAGE	·		368	 	87-
5502C 1/2 80 ver 369 1585 [124 102 50/50 cement 1173 59.62 1118 271 9el 59.62 11074 51 Pheno seal 68.85 Material 545 3020-370.44 MHD2 1 2/2 play 29.50 SALES TAX 71.95 ESTIMATED TOTAL 25/5.48	5402°	72	3	CQ51	no to	otage	348		21.00
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1188 371 5el 59.62 68.85 100 M/ 51 Pheno seal 68.85 1301.47 1455 3025 - 370.44 291.03 297.50 2	5502C	1	/2	80	vac		367		150-
1188 371 5el 59.62 68.85 100 M/ 51 Pheno seal 68.85 1301.47 1455 3025 - 370.44 291.03 297.50 2									
1188 371 5el 59.62 68.85 100 M/ 51 Pheno seal 68.85 1301.47 1455 3025 - 370.44 291.03 297.50 2	- / -			F~	_			1000	
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SALES TAX 7! 95 ESTIMATED TOTAL 25/5:48	4402			251	269		•		29.50
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tevin 3737 ESTIMATED TOTAL 25,15.48								13435.74	
tevin 3737 ESTIMATED TOTAL 25,15.48									7105
TOTAL 25/5.78	Bavin 3797	PAT CAR	10 10 10 10 10 10 10 10 10 10 10 10 10 1						11.43
AUTHORIZTION 2 MILW DATE DATE		LEI 0013							2515.48
	AUTHORIZTIO	N 2 MOUNT	0.5		TITLE			DATE	

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

SPUD DAT	E: //~/2~/4	
FINISH DA	TE: //-/3-14	
LEASE: Ho	lincer	
LEASE OPE	RATOR: KRED	
WELL: KR.	-24	
API: 15-12	1-30711	
SEC:	TWP:	RNG:
COUNTY:	War.	
DRILLERS N	IAME: Waylon J	alus
RIG#: 2	ayron S	VIII



2394 UTAH ROAD RANTOUL, KS 66079

SIZE NEW BAFFLE 31.85

TD 741 CORED No CORE

DRILL BIT SIZE 5/18 LENGTH 113'

FORMATIONS	THICKNESS	FROM	то	FORMATION	TIRCUNITOR		T -
Soil	3	0	1	Shale	THICKNESS	FROM	TO
Line	7	3	10	Shide Some Broken Grey Sand No Show	79	380	459
Shale	14	10	24	Shile Shile	10	459	469
Lime	16	24	40	Lime	56	469	525
Shale	23	40	63	Shale	10	525	535
Lime	14	63	77	Lime	3	535	579
Shale	101	77	178	Shale	/	539	542
Line	1	178	179	Lime "Soft"	24	542	566
Shale	1	179	180	Shale 10th	11	566	577
Line	17	180	197	Lime	12	577	589
Shale	12	197	209	Shale	3	589	592
Lime	4	209	213		5	592	597
Shale	19	213	232	Lime	4	597	601
ine	7	232	239	Shole	8	601	609
oal	6	239	245	Line	3	609	6/2
hale		249	_	Shale	12	6/2	624
ine	1/2	255	255	Lime	4	624	628
bule	12	the state of the last of the l	267	Shale	15	628	643
ine	17	267	269	Shale 600 Grey Sand Smell No Bleach		643	645
Pule	17	269	270	Venten Oil Soul 70m Bleed		649	647
ine		270	287	Moten Oil Swal 50% Light Bleed		647	151
Shule		287	312	Oil Sand Rieed		657	457
bil		3/1	315	Lime		657	658
hale	2	315	3/7	Bruten 602 Sand 40th Very Light Bleed		658	661
ims		3/2	319	Shale 10	60	161	741
hale		319	342	- 19h.		VVI	///
me		245	346	Land Control	-		
		46	357			1000	
hale		357	356				
me KC	17	156	363		-		
hale		363	377		-		
rry Sand No Oil Show	17:1	177	397	Const.			