

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1242436

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	West			
Address 2:			Feet from North / South Line of Section					
City: Sta	ate: Zip	D:+	Feet	from East / West Line o	f Section			
Contact Person:			Footages Calculated from Nearest Outside Section Corner:					
Phone: ()			□ NE □ NW	□ SE □ SW				
CONTRACTOR: License #			GPS Location: Lat:	, Long:				
Name:				i. xx.xxxxx) (e.gxxx.xx	xxx)			
Wellsite Geologist:			Datum: NAD27 N					
Purchaser:			County:					
Designate Type of Completion:			Lease Name:	Well #:				
New Well Re-	Entry	Workover	Field Name:					
	_		Producing Formation:					
☐ Oil ☐ WSW	SWD	SIOW	Elevation: Ground: Kelly Bushing: Management Total Vertical Depth: Plug Back Total Depth: Feet Amount of Surface Pipe Set and Cemented at: Feet					
☐ Gas ☐ D&A ☐ OG	☐ ENHR	☐ SIGW ☐ Temp. Abd.						
CM (Coal Bed Methane)	G3W	Terrip. Abd.						
Cathodic Other (Core	Expl etc.)		Multiple Stage Cementing Co					
If Workover/Re-entry: Old Well Info					Feet			
Operator:				nent circulated from:				
Well Name:			,	w/	sx cmt			
Original Comp. Date:			loot doparto.		_ 0x 01111.			
<u> </u>	_	NHR Conv. to SWD						
Deepening Re-perf. Plug Back	Conv. to GS		Drilling Fluid Management I (Data must be collected from the					
Commingled	Permit #:		Chloride content:	ppm Fluid volume:	bbls			
Dual Completion	Permit #:		Dewatering method used:					
SWD	Permit #:		Location of fluid disposal if ha	uled offsite:				
ENHR	Permit #:		On a water Manage					
GSW	Permit #:			L'anna II				
				License #:				
Spud Date or Date Rea	ched TD	Completion Date or		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 Approved by: Date:

Page Two



Operator Name:			Lease Name:			Well #:		
Sec Twp	S. R	East West	County:					
open and closed, flow	ing and shut-in pressu	ormations penetrated. Dures, whether shut-in preith final chart(s). Attach	ssure reached stati	c level, hydrosta	tic pressures, bott			
		otain Geophysical Data a or newer AND an image f		gs must be ema	iled to kcc-well-log	gs@kcc.ks.go	. Digital electronic log	
Drill Stem Tests Taken (Attach Additional S		Yes No			n (Top), Depth an		Sample	
Samples Sent to Geol	ogical Survey	Yes No	Nam	9		Тор	Datum	
Cores Taken Electric Log Run		Yes No						
List All E. Logs Run:								
		CASING	RECORD Ne	w Used				
		Report all strings set-			on, 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	
		ADDITIONAL	CEMENTING / SQL	EEZE RECORD	I	<u> </u>		
Purpose:	Depth	Type of Cement	# Sacks Used	Type and Percent Additives				
Perforate Top Bottom Protect Casing Plug Back TD								
Plug Off Zone								
	otal base fluid of the hydra	n this well? aulic fracturing treatment ex submitted to the chemical o		Yes [Yes [Yes [No (If No, ski)	o questions 2 ar o question 3) out Page Three		
Shots Per Foot		N RECORD - Bridge Plug			cture, Shot, Cement			
	Specify Fo	ootage of Each Interval Perl	orated	(Ar	nount and Kind of Ma	terial Used)	Depth	
TURNING RECORD	0:	0.11		5				
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No			
Date of First, Resumed	Production, SWD or ENF	IR. Producing Meth		Gas Lift C	other (Explain)			
Estimated Production Per 24 Hours	Oil B	bls. Gas	Mcf Wate	er Bl	ols. G	ias-Oil Ratio	Gravity	
Dioposition	N 05 040	· .	AETHOD OF COME	TION		DDODUCT	ANI INITEDYAL	
Vented Sold	ON OF GAS: Used on Lease	Open Hole	METHOD OF COMPLE Perf. Dually		nmingled	PRODUCIIC	ON INTERVAL:	
(If vented, Sub		Other (Specify)	(Submit)		mit ACO-4)			



TICKET NUMBER

MVOICE # 801927 LOCATION ALA

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

FIELD TICKET & TREATMENT REPORT CEMENT

DATE				CLIMEIAI				
	CUSTOMER#	WELL N	AME & NUMBE	ER	SECTION	TOWNSHIP	RANGE	COUNTY
10-5-14	4448	Hollinge	151	8.42 3	w 51	16	22	m:
CUSTOMER 1	Recourse	es Edn						
MAILING ADDRE	SS	4		-	TRUCK#	DRIVER	TRUCK#	DRIVER
9393	W 110	> 性		-	368	HaMad	Safex	Meet
CITY		STATE Z	IP CODE	H	31.9	M:KHaa		
Overlan	& Park			<u> </u>	558	Banking		
JOB TYPE ON		HOLE SIZE 5	-7/8	HOLE DEPTH	796	CASING SIZE &	WEIGHT 2	2/8
CASING DEPTH	779.90	DRILL PIPE		TUBING		ONOMO DIZE &	OTHER 77	18 05
SLURRY WEIGH		SLURRY VOL	\	NATER gal/sk_		CEMENT LEFT I		0.0
DISPLACEMENT	1 .	DISPLACEMENT P	si_800 i	MIX PSI 20	0	RATE 45	on	
REMARKS: 17	eld mes	eting E	stabi	Ished	vate.	Mixe	0 t pg	moed
100 #	gel to	Housed	by	110 51	K 50 13	TO cem	ent	olus
d'10 50	1 /2	# Then	0 569	L. Cil	culate	& CPV	nent.	Flushed
pump.	Lumber	& plus	to 6	affle.	Well	held	800 P	5T.
5et	T1091.							,
							- Const	
	Naylon	Utah					- A-	
	Naylon	Vergn				1 1	Made	ν
					/ .	1 mm	// -	
ACCOUNT	QUANITY of	or UNITS	DER	PIDTION - COD			I	T
CODE	4			CRIPTION of SE	RVICES or PRO	DUCT	UNIT PRICE	TOTAL
5401 A	- 1,	2	JMP CHARGE			368		1085
340 2	77		LEAGE			368		8400
	, , , ,	9.90	Casin	s todas	£	368		-
EWO 1 A				11	-			-
5407	Min		ten 1	niles		558		368
55026	n:11/1/	2_	ten 1	niles		558 369		368
	M: 11/2	2	20	niles		558 369		15000
	M: 11/1/2	2	80 vg			558 369		15000
55026	11/2	2	80 va	cane	nt	558 369	126500	15000
5502C	285	2. 2. 3. # -#	80 va	cane	nt	558 369	12650	15000
55026	285		80 va	cane	nt	558 369		15000
5502C	285	2 7 7 7 7	80 vg	Cane	revigl	346	62.70	15000
5502C	285	2 7 7 7 7	80 va	Cane	tensal	30%	74.25	
5502C 1124 1118B 1107A	285	2. 7 # 7 #	80 va	Cane	revigl	30%	62.70° 74.25° 1401.95° 420.59	
5502C	285	2 7 7 7	80 va	Cane	tensal	30%	62.70° 74.25° 1401.95° 420.59	
5502C 1124 1118B 1107A	285	2. ; #	80 va	Cane	tensal	30%	62.70° 74.25° 1401.95° 420.59	368 00 150 00 150 00 981.36 29.50
5502C 1124 1118B 1107A	285	2 7 7 7 7	80 va	Cane	tensal	30%	62.70° 74.25° 1401.95° 420.59	
5502C 1124 1118B 1107A	285	2. ; #	80 va	Cane	tensal	30%	62.70° 74.25° 1401.95° 420.59	
1124 1118B 1107A	285	2. 7 # 7 #	80 va	Cane	tensal	30%	62.70° 74.25° 1401.95° 420.59 1	981.56
5502C 1124 1118B 1107A	285	2 7 4 5 4	80 va	Cane	tensal	30%	62.70° 74.25° 1401.95° 420.59	

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.

SPUD DAT	E:		
FINISH DA	TE: 11-5-14		
LEASE: Ho	RATOR: KREI		
LEASE OPE	RATOR: KRFI)	
WELL: K	1-42		**************************************
API: 15-12	1-30716		
SEC:	TWP:	RNG:	
COUNTY:	Miomi		
DRILLERS I	Migmi NAME: Waylon	Johns	
RIG#: 2		7.	



2394 UTAH ROAD RANTOUL, KS 66079

SURFACE: SIZE BIT II' LENGTH 20' SIZE 7" CEMENT 5 Bags

DRILL BIT SIZE 5 1/8 LENGTH 779.90 SIZE 2 1/8 48 eV BAFFLE 31.85

TD 396 CORED 661-681

FORMATIONS	THICKNESS	FROM	то	FORMATION	THICKNESS	FROM	то
Soil	5	0	5	Shale	6	351	357
Line	9	5	9	Lione KC	5	357	362
Gray Sund	3	9	12	Shale	20	362	782
Shale	10	12	22	Gray Sand No Oil Show	2	382	384
Lime	19	22	41	Shale	82	384	466
Shale	25	41	66	Shele Booken Cary Sund No Oil Show	11	466	477
Lime	B	66	79	Shale	51	477	528
Shale	25	79	104	Line	6	528	514
Lime	1	104	109	Shele	8	534	542
Shale	73	105	178	Lime	3	542	545
Lime	2	178	180	Shake Some Coal	26	545	571
Shale	1	180	181	Lime Soft	7	571	58
Lime	10	181	191	Shall	14	578	592
Shale	1	191	192	Line	3	592	595
Line	6	192	198	Shale	18	595	613
Shale	13	198	211	Lime	2	613	615
lime	2	211	213	Shale	5	615	620
Shale	20	213	233	Lime	1	620	621
Line	8	233	241	Shale	11	621	632
Coal	7	241	248	Line	2	632	634
Shale	9	248	257	Shale Some Small Line Broks	24	134	658
Lime	15	47	272	State 28to Grey Sand Smell No Blead	1	658	659
Shale	15	272	287	Shale 50to 0:15 and Good Bleed CP	2	659	661
Lime	10	287	297	Stude Foto O: 1 Sond Deed	5,25	661	666,25
Shale	/	297	298	Set doil Sand Good Bleed		666,25	675
Line	15	298	3/3	Shale	15	675	675.5
Coal	4	3/3	3/7	Salid Oil Soud Good Heed	_	675.9	677
Shale	3	317	320	Solid 0:15 and Meed	The state of the s	677	689
Line	22	320	342	Solid Oil Sand Gold Bleed	4	189	693
Shale	4	342	346	Set do: 1 Sand Good Bleed "Hard"		693	697
Line	5.	346	351	Solid Black Send Light Bleed	4	697	701

SPUD DATE:				7	4		
FINISH DATE:				1			
LEASE:				T'I	'AH 🗘	AH W	
LEASE OPERATOR:			*********		AIII		
WELL: 28-42							
API:							
SEC: TWP:	RNG:				SEA SECTION 10 TO 1		
COUNTY:						V Marie	
DRILLERS NAME:			2)	2	394 UTAH ROA	D	*
RIG#:					NTOUL, KS 660		
SURFACE: SIZE BIT	LEN	GTH		_			_
DRILL BIT SIZE	LENG	гн		SIZE	BAFFLE		
TD CORED							
FORMATIONS	THICKNESS	FROM	то	FORMATION	THICKNESS	FROM	То
Solid Black Sand No Diees	4	701	705				
Shale	14	705	719				
- MMP	2	7/9	721				
Shule TO	75	721	796				
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