

Confidentiality Requested:

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1205320

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:	
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxx) (e.gxxx.xxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
☐ Oil ☐ WSW ☐ SWD ☐ SIOW □ Gas □ D&A □ ENHR □ SIGW	Elevation: Ground: Kelly Bushing:
OG GSW Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Drilling Fluid Management Plan
Plug Back Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #: Dual Completion Permit #:	Dewatering method used:
Dual Completion Permit #: SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	Location of huid disposal if hadied offshe:
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached 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	1205320
Operator Name:	Lease Name:	Well #:
Sec TwpS. R □ East □ West	County:	
INCTRUCTIONS. Chow important tang of formations panatrated	Dotail all cores Report a	Il final conject of drill stoms tosts giving interval tostod, time tool

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken (Attach Additional She	ets)	Yes No		-	on (Top), Depth an		Sample
Samples Sent to Geolog	ical Survey	Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
		CASING Report all strings set-c	RECORD Ne		ion, 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	JEEZE RECORD			

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

Did you perform a hydraulic fracturing treatment on this well?	Yes
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?	Yes
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?	Yes

No	(If No, skip questions 2 and 3)
No	(If No, skip question 3)

No

(If No, fill out Page Three of the ACO-1)

Shots Per Foot		PERFORATION Specify Fo	I RECOF	RD - Bridge Plug Each Interval Per	js Set/Typ forated	e	ļ		ement Squeeze Record I of Material Used)	Depth
TUBING RECORD:	Siz	ze:	Set At:		Packer	r At:	Liner R		No	
Date of First, Resumed	d Product	ion, SWD or ENH	٦.	Producing Met	hod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
DISPOSIT	ION OF (GAS:		_	_			_	PRODUCTION INTE	RVAL:
Vented Sol	d 🗌 I	Used on Lease		Open Hole	Perf.	Uually (Submit)		Commingled (Submit ACO-4)		
(If vented, Su	ıbmit ACC	D-18.)		Other (Specify)		(Cubinit)				

Form	ACO1 - Well Completion
Operator	TDR Construction, Inc.
Well Name	McCoy 1
Doc ID	1205320

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	U U U	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	9	7	10	21	Potrtland	3	50/50 POZ
Completio n	5.6250	2.8750	8	820	Portland	115	50/50 POZ



268017

TICKET NUMBER 47185 LOCATION O totawa KS FOREMAN Fred Wader

PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676 FIELD TICKET & TREATMENT REPORT

CEMENT

DATE	CUSTOMER #	WE	ELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5. 8. 14 CUSTOMER	7841	Mc Ce	ey the l	NE 32	15	21	FR
TDI	2 Const		0	datification de la		international de la constante d	
AILING ADDRE	ESS		on	TRUCK #	DRIVER	TRUCK #	DRIVER
120	161	line	D -	712	Fre Mas		
DITY OLD		TATE	ZIP CODE	495	Har Bee		
Louis	600	RS	46053	675	Kei Dest		
	nessting H		5718 HOLE DEPT	850	Kai car		
ASING DEPTH	Eator DI	RILL PIPE	Baffle in TUBING	H 7 10	CASING SIZE &		SEVE
LURRY WEIGH		URRY VOL		sk	CEMENTLEET	OTHER	
	4.58BB0			5N		n CASING 32	+ plug
EMARKS: /-	la la even	cafe	ty meeting. E	Ector lation	KAIE SPI	<u>-711</u>	
100 #	Gal FL	ush.	minopit	STADIS	a pump	rate m	ix + Pump
			Mix & Purap	EL I	0/50 102	Mix C's	mut
	lace 25		to surface.	Flush	wonp & li	mes clas	m.
to 8			ease pressur	sattle in	casing	Fress	ure
Shi		- Alle	ease pressur	e to set	410000	Value.	
	11. (49	mg.					
12.5	Drillon	1			1 011	0	
	Drichny	- Gree	2	7	trud Mo	di-	<u></u>
ACCOUNT	OUANITY	INUTO				r	
CODE	QUANITY or		DESCRIPTION of	SERVICES or PR(DUCT	UNIT PRICE	TOTAL
5401	t		PUMP CHARGE		495		108500
5406	25	mi	MILEAGE		495		840
5402	82		Casing Foote	ge			NIC
5407	minin	un	Ton Miles	/	503		36800
55020	1/2	hr	80 BBL Va	e Truck	675		15000
	and the second				¥.		1.30-
1124		sks	50/50 Por mi	x Coment		13225	
1118B	282	#	Promium Cal			6.46	
			VI	netorial		138626	
			1	Less -	20%	- 41609	
)			Tax 1	3076	116	
4402	ť		2'2" Rubber	Plus			970 2750
				4			
					<u> </u>		a
	HIT.				and the second	commint	D
					1-0/1		68
					land and -	3211.82	
					7.65%	SALES TAX	7653
3737		. 1			1.03/6	and the second se	16=
1	vely De	h				TOTAL	2763 20
THORIZTION_	vary >	10-	TITLE			DATE_	Street Street Street

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

Franklin County, KS Well:McCoy 1 Lease Owner: TDR

WELL LOG

hickness of Strata	Formation	Total Depth	
0-4	soil	4	
25	clay	29	
22	shale	51	
5	lime	56	
2	shale	58	
16	lime	74	
8	shale	82	
10	lime	92	
6	shale	98	
18	lime	116	
60	shale	176	
17	lime	193	
7	shale	200	
5	sand	205	
66	shale	271	
22	lime	293	
26	shale	319	
6	lime	325	
42	shale	367	
2	lime	369	
15	shale	354	
8	lime	392	
1	shale	393	
14	lime	407	
11	shale	418	
20	lime	438	
5	shale	438	
3	lime	446	
4	shale	440	
6	lime	456	
26	shale	430	
10	sand	482	
10	shale	502	
34	sandy sand	536	
13	sand	549	
38	shale	549 587	
5	sand	592	
54	shale	<u> </u>	
10	lime		
7	shale		

Franklin County, KS Well:McCoy 1 Lease Owner: TDR

Town Oilfield Service, Inc. Commenced Spudding: 05/07/2014

6	lime	669
14	shale	683
3	lime	686
13	shale	699
6	lime	705
21	shale	724
2	lime	726
8	shale	734
1	sand	735
3	sand	738
4	sand	742
8	sand	750
2	sand	752
26	sandy shale	778
91	shale	869
7	sandy shale	876
4	shale	880-TD

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) + $(D-d)^2$

* Need these to figure belt length WATTS = AMPS TO FIGURE AMPS: VOLTS 746 WATTS equal 1 HP

Log Book

Well No. <u>1</u>	5	
° 1		
Farm Mc Coy		
FC	~	110
(State)	h	(County)
32	15	21
(Section)	(Township)	(Range)
For_TDR		
()	Nell Owner)	

Town Oilfield Services, Inc.

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

Form: Franklin McCoy ____ County KS 1 State; Well No. 043 Elevation 05107 20 14 Commenced Spuding 05/03 **Finished Drilling** 20 Driller's Name UVre. **Driller's Name** Driller's Name Tool Dresser's Name Kenny Gunn Dollard Tool Dresser's Name Tool Dresser's Name Contractor's Name 1025 31 5 3 (Section) (Township) (Range) S 2805 Distance from _ line, ft. E 1240 **Distance** from line, ft. 3 bags of coment CASING AND TUBING RECORD 10" Set 10" Pulled 11 ">★ Set 3 8" Pulled 6¼" Set 6¼" Pulled 4" Set 4'' Pulled 2" Set 2″ Pulled

CASING AND TUBING MEASUREMENTS

Feet	ln.	Feet	ln.	Feet	In.
788		Baffle			
7 <i>88</i> 320	.3	Baffle	Tat	1 21	e II
// ~	-2	Real Providence	10 1		S
					ŝ.
				- M	
	11		11		

-1-

Thickness o Strata	Formation	Total Depth	Remarks
04	Seil	4	Remarks
25	Clow	29	
22	Shale	51	
5	Lime	56	-
2	Shale	58	
16	Line	74	-
8	Shale	82	-
10	Lime	92	
6	Sharle	98	-
18	Lime	116	-
60	Shale	176	
17	Lime	193	
7	Shale	200	
2	Sand	205	81 101 1
66	Shale	271	NoOil
22	Lime	293	1
26	Shale	319	
6	Lime	925	-
22	Shale	367	
2	Lime	369	
15.	Shale	384	
g	Lime	392 .	
1	Shale	393	
14	Line	407	
	Shale	413	
20	Lime	438	
5	shale	443	2.4.
	-2-		

-3-

hickness of Strata	Formation	UH3 Total Depth	
3	Lime	446	Remarks
Ú.	Shale	450	-
6			
71.	Lime	456	Hertha
10	Shale	482	
	Sand	492	- No Oil
$\frac{10}{10}$	Phale	- 202	
34	Sandy Sand	536	
13	Jand	549	$-N_{\odot}O_{1}$
28	Shale	S37	
5	Sainch	592	NOON
34	Shale	646	
0	Lime	656	
7	Shale	663	
6	Lime	689	· · · · · · · · · · · · · · · · · · ·
4	Shale	683	
3'	Lime	686	
3	Sheilo	699	
6	Lime	705	-
1	Shale	724	-
2	Lime	726	-
8	Shale	731	
1	Seind	739	· · · · · · · · · · · · · · · · · · ·
3	Sand	7.38	NoOil
V	Sanne	742	Broken - Good Saturation
3	Supa	750	Solid - Good Soturation
á l	Sand	752	Broken-Good Saturation
3	Sandy Shale	7778	NoOi
	-4-	/ <i>I</i> _/ <i>O</i>	-5-

Thickness of	N (2.0)	713	1
Thickness of Strata	Formation	Total Depth	Remarks
91	Shale	869	Redbed 855'- 859
7	Sandy Shale	876	1 10000 011 - 051
i4	C 1 1	010	TD
	Shale	880	1D
p			
	1		
			-
		0	
	-6-		-7-

1