

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1103142

Form ACC-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

## WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	32218		API No. 15 - 15-059-26283-00-00
Name: TDR Const			Spot Description:
Address 1: PO Box 33	9		NW_SW_NW_NW Sec. 4 Twp. 16 S. R. 21 ▼ East West
Address 2:			4540 Feet from North / South Line of Section
	•	o: 66053 <sub>+</sub> 0339	5115 Feet from ☑ East / ☐ West Line of Section
Contact Person: Lance	Town		Footages Calculated from Nearest Outside Section Corner:
Phone: (913) 71	0-5400		□ne □nw ☑se □sw
CONTRACTOR: License	<sub>e #</sub> 33715		County: Franklin
Name: Town Oilfield			Lease Name: West Lidikay Well #: 78
Wellsite Geologist: NA			Field Name:
ū			Producing Formation: Squirrel
Designate Type of Comp			Elevation: Ground: 1011 Kelly Bushing: 0
✓ New Well	Re-Entry	Workover	Total Depth: 780 Plug Back Total Depth:
☑ Oil ☐ W	vsw □ swd	☐ slow	Amount of Surface Pipe Set and Cemented at: 20 Feet
Gas D	&A 📋 ENHR	☐ SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
☐ OG	☐ GSW	Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Met	hane)		If Alternate II completion, cement circulated from:
Cathodic O	ther (Core, Expl., etc.):		feet depth to: 20 w/ 3 sx cmt
If Workover/Re-entry: Ol	ld Well Info as follows:		W
Operator:			
Well Name			Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
		otal Depth:	
	_	ENHR Conv. to SWD	Chloride content: 1500 ppm Fluid volume: 80 bbls
Deepening	Re-perf. Conv. to	_	Dewatering method used: Evaporated
Plug Back	Conv. to		Location of fluid disposal if hauled offsite:
Commingled			·
Dual Completion			Operator Name:
SWD			Lease Name: License #:
☐ ENHR			QuarterSecTwpS. R East West
□ GSW	-		County: Permit #:
11/23/2012	11/26/2012	11/26/2012	
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date	

#### **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			
Letter of Confidentiality Received			
Date:			
Confidential Release Date:			
☑ Wireline Log Received			
Geologist Report Received			
UIC Distribution			
ALT I I II Approved by: Deanna Garrisor Date: 12/13/2012			

Side Two



Operator Name: TDR	Construction, Ir	nc.	Lease Na	ame: West	Lidikay		_Well#: _78		<del></del>
Sec. 4 Twp. 16	s. <sub>R.</sub> <u>21</u>	✓ East   West	County:	Franklin					
INSTRUCTIONS: Sho time tool open and clos recovery, and flow rates line Logs surveyed. Att	ed, flowing and shu s if gas to surface te	t-in pressures, whetherst, along with final cha	er shut-in pressu	ire reached s	tatic level,	hydrostatic press	sures, bottom h	note temp	erature, fluid
Drill Stem Tests Taken (Attach Additional SI	neets)	∏ Yes 🗸 No		Log	Formation	n (Top), Depth ar			Sample
Samples Sent to Geolo	gical Survey	☐ Yes 🗸 No		Name GammaRay	,		Тор		Datum
Cores Taken Yes No Electric Log Run Yes No Electric Log Submitted Electronically (If no, Submit Copy)			·						
List All E. Logs Run:									
GammaRay/Neutron	/CCL								
			NG RECORD set-conductor, surf	New [	Used ate, producti	on, etc.			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weigh Lbs. / F		Setting Depth	Type of Cement	# Sacks Used		and Percent dditives
Surface	9	7	10	20		Portland	3	50/50 [	POZ
Completion	5.6250	2.8750	8	754		Portland	111	50/50 I	POZ
		ADDITIO	NAL CEMENTING	3 / SQUEEZE	RECORD	· · ·			
Purpose:  —— Perforate	Depth Top Bottom	Type of Cement	# Sacks U	Jsed		Type and I	Percent Additives	•	<del> </del>
Protect Casing Plug Back TD Plug Off Zone	-								
Shots Per Foot		ON RECORD - Bridge I Footage of Each Interval				cture, Shot, Cemen mount and Kind of M		rd	Depth
3	700-720			2"	DML RTG	;			20
							····		<u> </u>
TUBING RECORD:	Size:	Set At:	Packer At:	Line	r Run:	Yes No	)		
Date of First, Resumed F	Production, SWD or EN	IHR. Producing		Gas L	ift 🔲 C	Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf	Water	В	bls.	Gas-Oil Ratio		Gravity
			NETION OF C	COMPLETION			DRODUCT	ON INTERS	
DISPOSITION OF GAS:  METHOD OF COMPLETION:  PRODUCTION INTERVAL:  PRODUCTION INTERVAL:				VAL:					
(If vented, Subi	_	Other (Specify	_	(Submit ACO-5)		mit ACO-4)			

Well:W. Lidikay 78 Lease Owner: Ĺ L

#### Franklin County, KS Town Oilfield Service, Inc. Commenced Spudding: (913) 837-8400

11/23/2012

### WELL LOG

15 059 - 26283 00 00

Thickness of Strata	F	
	Formation	Total Depth
0-33	Soil-Clay	33
5	Lime	38
3	Shale	41
15	Lime	56
7	Shale	63
10	Lime	73
8	Shale	81
16	Lime	97
51	Shale	148
17	Lime	165
75	Shale	240
22	Lime	262
26	Shale	288
7	Lime	295
21	Shale	316
1	Lime	317
19	Shale	336
1	Lime	337
14	Shale	351
7	Lime	358
3	Shale	361
12	Lime	373
9	Shale	382
22	Lime	404
5	Shale	409
4	Lime	413
4	Shale	417
5	Lime	422
118	Shale	540
2	Sandy Shale	542
3	Sand	545
4	Sand	549
3	Sand	552
48	Sandy Shale	
7	Lime	600
8	Shale	607
3	Lime	615
10		618
5	Shale	628
15	Lime	633
15	Shale	648

# Franklin County, KS Town Oilfield Service, Inc. Commenced Spudding: Well:W. Lidikay 78 (913) 837-8400 11/23/2012 Lease Owner: L L

3	Lime	651
9	Shale	660
4	Lime	664
3	Shale	667
5	Lime	672
16	Shale	688
3	Lime	691
6	Shale	697
6	Sandy Shale	703
3	Sand and Lime	706
1	Sand	707
1	Sand	708
2	Sand	710
6	Sand	716
4	Sand	720
60	Sandy Shale	780-TD
<u> </u>		
		***************************************
	t l	

## **Short Cuts**

**TANK CAPACITY** 

BBLS. (42 gal.) equals D<sup>2</sup>x.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) +  $\frac{(D-d)^4}{4C}$ 

\* Need these to figure belt length

TO FIGURE AMPS:

WATTS = AMPS

746 WATTS equal 1 HP

## Log Book

Well No.	<u>3</u>	<b></b> -
	, , , ! !	
Farm <u> </u>	L.d.k	<u>чу —</u>
KS	714	uklin
(State)	<del></del>	(County)
4	16	21
(Section)	(Township)	(Range)
For TDK	(Well Owner)	tion
	(Well Owner)	

# Town Oilfield Services, Inc.

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

West Lichter Franklin County  KS State: Well No. 78	Casing a	ND TUBING MEAS	UREMENTS	ì
Elevation 1011	Feet In.	Feet In.	Feet	In.
Nov. 23 17	744,2	Balf/		
Finished Drilling Nov 26 20 12	=			
Finished Drilling Nov 26 20/2  Driller's Name Wesley Deller ()	754.2	float	2	7/
Driller's Name		<b></b> -	ļ	1/5/
Driller's Name				
Tool Dresser's Name Kyan Ward				
Tool Dresser's Name				<del>                                     </del>
Tool Dresser's Name				<del> </del>
Contractor's Name				<del> </del> -
Contractor's Name TOS				
(Section) (Township) (Range)				<u></u>
Distance from 5 line, 4540 ft.				
Distance from 5 line, 4540 ft.  Distance from 6 line, 5115 ft.				
3 Such 5				
4his				
לאו				
CASING AND TUBING				
RECORD				<u>.</u>
neodite				
<b>401 </b>				
10" Set 10" Pulled				
8" Set 8" Pulled				
7ex" Set 6%" Pulled				
4" Set 4" Pulled				
2" Set 2" Pulled		-1-	· · · · · · · · · · · · · · · · · · ·	

Thickness of	Formation	Total	
Strata  0-33	<u>L</u>	Depth 3.3	Remarks
<del></del>	So.1-clay Lime	<u> </u>	
5		38	4
3	Shale	41	
15	Lime	54	
7	Shale	43	
	Lime	43 73	
8	Lime	81	
16		97	
51	Shale	148	
	Lime	165	
75	Shale	240	
22	Lime	262	
24	Shale	288	
7	Lime	295	
21	Lime Shale	316	
/	Lime	3/7	
19	Shale	336	
/	Lime	337	
14	Shalz	351	
7]	Lime	358	
3	Shule	361	
12	Lime	373	
9	Shale	382	
22	Lime	404	
5	Shale	409	
4	Lime	413	
4	Shale	417	

		417	
Thickness of Strata	Formation	Total Depth	
5	Lime	422	Hertha Remarks
118	Shelz	540	rititua
3	sandy shale	542	
	sand	545	no Dil
<u> </u>	Sand	549	<del></del>
3	sand & sandytale		good show
48	Scindly shalle	600	
	Lime	607	
8	Shale	615	
	Lime	618	
10	Shale	628	
5	Lime	633	
15	Shale	648	
	Lime	651	
4	Shale	460	
4	Lime	664	
3	Shale	467	
5	Lime	672	
16	shale	688	
	Lime	691	
6	Shale	697	
3	Sandy Shale	763	
	Sand & lime	706	
	sanel	707	broken -50°10 Oil
	Sand	708	solid Dil
2	Sand	710	bioken 10% 0:1
6	Sand	716	Solid oil

7	1	6

		114	
Thickness of Strata	Formation	Total Depth	Remarks
4	sand	720	broken -50% 0;1
60	Sandy Shale	750	No Dil
	· · · · · · · · · · · · · · · · · · ·		
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	<del>*</del>		

CONSOLIDATED
Gil Yoli Sanhae, LLC

	CUSTOMER#	WELL	NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNT
126/12		West Lidi	can # 78	NW 4	16	<u>a</u> ı	FR
STOMER			.7.	7 3 4 3 3 4 3 1 3	A PERSONAL PROPERTY.	Participation Control	
<u>L+L</u>	thergy			TRUCK #	DRIVER	TRUCK#	DRIVER
AILING ADDRE	· ·			481	Caskon	V Sofer	Keetin
<u>150 8</u>	share line	Dr		leldo	Gaction	V 7	
TY ,	l l		ZIP CODE	510	Set Tuc		<del>                                     </del>
<b>Leuisbu</b>	7	KS (	26023				<del> </del>
B TYPE OF		HOLE SIZE_S	HOLE	DEPTH 780'	CASING SIZE & V	WEIGHT 27/	DIF
SING DEPTH	4547	DRILL PIPE	- TUBIK	sbattle - 744	1	OTHER	· ·
URRY WEIGH	T	SLURRY VOL	,	R gal/ek	CEMENT LEFT In		<del></del>
SPLACEMENT	4.31 bds	DISPLACEMENT			RATE 4,5		
MARKS: hal		1	1 1 1	culation mixe			
al Lallan	sed by 10	bbls Tresh	water mix				
1 00	gel der s	E, ceure		Austral pray	11 JES 3	MO POZI	ice con
	J 1774	4.31 blob			1 Day	umped 2	לפטוז " כלי
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		•		1	<u> </u>		
ACCOUNT CODE	QUANITY	or UNITS	DESCRIPT	ON of SERVICES or PR	ODUCT	UNIT PRICE	TOTAL
				_			
	7		NIMP CHARGE		· · · · · · · · · · · · · · · · · · ·	<del> </del>	
3401	On lease		PUMP CHARGE				1030,0
701 706	on lease	2	AILEAGE				
406 406 402	754	2	alleage casing fort	nge			/030,0 
701 706	754	2	AILEAGE	age			
406 406 402	754	2	alleage casing fort	sge			/030,0 
5401 406 402 5407	757' 1/2 MD	nimum	Alleage Casing foot ton mileage				/030,0 
901 406 402 407	757 ' 111 sks	nimen	ALLEAGE Casing foot ton mileage S/50 Pozu	ix coment			1030,0 
401 406 402 407 124 118	757' 1/2 MD	nimen	ALEAGE Casing foot ton mileage Sto Popul Previous G	ix coment			175.00
5401 406 402 5407 124 1183	757 ' 111 sks	nimen	Alleage Casing foot ton mileage Solo Porui Preusium G	ix coment			175.00
1901 1902 1907 124 1183 102	757 ' 1/2 MD 1/1 SES 286 #	nimen	Alleage Casing food, ton mileage Solso Popul Previous G 2/2" Weber	ix coment			175.00 175.00 1215.4 60.0
1901 1902 1907 124 1183 102	757 ' 1/2 MD 1/1 SES 286 #	nimen	Alleage Casing foot ton mileage Solo Porui Preusium G	ix coment			175.00
1901 100 102 107 124 1183 102	757 ' 1/2 MD 1/1 SES 286 #	nimen	Alleage Casing food, ton mileage Solso Popul Previous G 2/2" Weber	ix coment			175.00 175.00 1215.4 60.0
1901 100 102 107 124 1183 102	757 ' 1/2 MD 1/1 SES 286 #	nimen	Alleage Casing food, ton mileage Solso Popul Previous G 2/2" Weber	ix coment			175.00 175.00 1215.4 60.0
1901 1902 1907 124 1183 102	757 ' 1/2 MD 1/1 SES 286 #	nimen	Alleage Casing food, ton mileage Solso Popul Previous G 2/2" Weber	ix coment			175.00 175.00 1215.4 60.0
1010 1010 102 107 124 118 102	757 ' 1/2 MD 1/1 SES 286 #	nimen	Alleage Casing food, ton mileage Solso Popul Previous G 2/2" Weber	ix coment			175.00 175.00 1215.4 60.0
1010 1010 102 107 124 118 102	757 ' 1/2 MD 1/1 SES 286 #	nimen	Alleage Casing food, ton mileage Solso Popul Previous G 2/2" Weber	ix coment			175.00 175.00 1215.4 60.0
406 406 402	757 ' 1/2 MD 1/1 SES 286 #	nimen	Alleage Casing food, ton mileage Solso Popul Previous G 2/2" Weber	ix coment			175.00 175.00 1215.4 60.0
1010 1010 102 107 124 118 102	757 ' 1/2 MD 1/1 SES 286 #	nimen	Alleage Casing food, ton mileage Solso Popul Previous G 2/2" Weber	ix coment			175.00 175.00 1215.4 60.0
1010 1010 102 107 124 118 102	757 ' 1/2 MD 1/1 SES 286 #	nimen	Alleage Casing food, ton mileage Solso Popul Previous G 2/2" Weber	ix coment	1		175.00 175.00 1215.4 60.0
1901 100 102 107 124 1183 102	757 ' 1/2 MD 1/1 SES 286 #	nimen	Alleage Casing food, ton mileage Solso Popul Previous G 2/2" Weber	ix coment	7.8%	SALES TAX ESTIMATED	175.00 175.00 1215.4 60.0

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

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