Confidentiality Requested: Yes No

KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1315754

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 Dorth / 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:
	Elevation: Ground: Kelly Bushing:
Gas D&A ENHR SIGW	Total Vertical Depth: Plug Back Total Depth:
OG GSW Temp. Abd. CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No
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 #:	Dewatering method used:
Dual Completion Permit #:	
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	Operator Name:
GSW Permit #:	Lease Name: License #:
	Quarter Sec TwpS. R East West
Spud Date or Date Reached TD Completion Date or Recompletion Date 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	1315754
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	
INCTRUCTIONS. Chow important tang of formations populated	Dotail all coros Roport all	final copies of drill stoms tasts giving interval tasted, 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 Sh	neets)	Yes No		-	on (Top), Depth a		Sample
Samples Sent to Geolo	gical Survey	Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		Yes No Yes No					
List All E. Logs Run:							
		CASING Report all strings set-o	RECORD Ne		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 / SQU	IEEZE RECORD	1		
Purpose:	Depth Tan Battern	Type of Cement	# Sacks Used		Type and F	Percent Additives	

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

No

No

No

(If No, skip questions 2 and 3)

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

(If No, skip question 3)

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

Shots Per Foot			D - Bridge Plugs Each Interval Perfo		e			ement Squeeze Record I of Material Used)	Depth
TUBING RECORD:	Size:	Set At:		Packer	At:	Liner R	Run:	No	
Date of First, Resumed Pro	duction, SWD or EN	IHR.	Producing Metho	od:	oing	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas N	Иcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
				ľ					
DISPOSITION	OF GAS:		М	ETHOD (OF COMPLE	TION:		PRODUCTION INT	ERVAL:
Vented Sold	Used on Lease		Open Hole	Perf.	Dually (Submit A		Commingled (Submit ACO-4)		
(If vented, Submit	ACO-18.)		Other (Specify)		123011111		(0001)		

Form	ACO1 - Well Completion
Operator	Lakeshore Operating, LLC
Well Name	STURDIVAN 3 LO-39
Doc ID	1315754

Casing

	Size Hole Drilled	Size Casing Set	U U	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	9.875	7	17	40	Portland	9	
Production	5.875	2.875	6.5	1100	Poz Blend	143	

Jackman Oilfield Services 1 West Mulberry St. Colony, KS 66015 620-852-3350

WELL LOG Lakeshore Operating, LLC Sturdivan 3 LO-39

May 26, 2016

Thickness of Strata	Formation	<u>Total</u>
7.00	Soil/clay	7.00
36.00	Lime	43.00
134.00	Shale	177.00
89.00	Lime	266.00
18.00	Shale	284.00
119.00	Lime	403.00
4.00	Shale	407.00
97.00	Lime	504.00
18.00	Shale	522.00
19.00	Lime	541.00
3.00	Shale	544.00
132.00	Lime	676.00
14.00	Sandy Shale	690.00
155.00	Shale	845.00
3.00	Lime	848.00
9.00	Shale	857.00
15.00	Lime	872.00
50.00	Shale	922.00
1.00	Lime	923.00
3.00	Shale	926.00
7.00	Lime	933.00
1.00	Coal	934.00
24.00	Lime	958.00
10.00	Shale	968.00
8.00	Lime	976.00
6.00	Shale	982.00
8.00	Lime	990.00
12.00	Shale	1,002.00
8.00	Lime	1,010.00
5.00	Shale	1,015.00
3.00	Very broken sand	1,018.00
1.00	Oil sand	1,019.00

2.00	Very broken sand	1,021.00
27.00	Shale	1,048.00
1.00	Lime	1,049.00
5.00	Oil sand	1,054.00
0.50	Sand	1,054.50
0.50	Oil sand	1,055.00
0.50	Oil sand	1,055.50
1.50	Oil sand	1,057.00
2.50	Sandy Shale	1,059.50
2.50	Oil sand	1,062.00
4.50	Sandy Shale	1,066.50
0.50	Shale	1,067.00
8.00	Sandy Shale	1,075.00
32.00	Shale	1,107.00 TD

Drilled a 9 7/8" hole to 39'7" Drilled a 5 7/8" hole to 1107'

Set 40' of 7" surface casing cemented with 9 sacks of portland cement Ran 1100' of 2 7/8" 2 cores Cored 1019 No seating nipple

Sturdivan 3 LO-39

Oil Well Services, LLC PO,Box 886, Chanute, KS 66720

620-431-9210 or 800-467-8676

5

DATE CUSTOMER#

GONBOLIDATED

807646 Involce FIELD TICKET & TREATMENT REPORT CEMENT

SECTION

WELL NAME & NUMBER

LOCATION O Plause FOREMAN Fred Mader

RANGE

COUNTY

TICKET NUMBER

TOWNSHIP

CUSTOMER	4807	Sturd	Wan 3	40.39	NW 34	23	1 16	wo.
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CITY	*	STATE	ZIP CODE		675 1	Ki Det		
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CASING DEPTH_	A CONTRACTOR OF	DRILL PIPE		TUBING		······································	OTHER	
SLURRY WEIGHT	Contract of the second	SLURRY VO		WATER gall	<u>k</u>	CEMENT LEFT In	CASING ,	Plug
DISPLACEMENT	A CONTRACTOR OF	DISPLACEM	· · · · · · · · · · · · · · · · · · ·	MIX PSI		RATE 48P	m	9
REMARKS: Ho	a contract of the second	My Mer	the Es	ta blish	Civeriali	on Mix	K Punio	100
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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 clifics, and conclitions of service on the back of this form are in effect for services identified on this form.

Conservation Division 266 N. Main St., Ste. 220 Wichita, KS 67202-1513



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Jay Scott Emler, Chairman Shari Feist Albrecht, Commissioner Pat Apple, Commissioner Sam Brownback, Governor

October 11, 2016

Wesley Ketcham Lakeshore Operating, LLC 23 1/2 E. MADISON AVE SUITE A IOLA, KS 66749

Re: ACO-1 API 15-207-29339-00-00 STURDIVAN 3 LO-39 NW/4 Sec.34-23S-16E Woodson County, Kansas

Dear Wesley Ketcham:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 5/22/2016 and the ACO-1 was received on October 11, 2016 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department