



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1263834  
OIL & GAS CONSERVATION DIVISION

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 # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
-----------------------------------	-----------------	---

API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx)      (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan

*(Data must be collected from the Reserve Pit)*

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

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: \_\_\_\_\_



1263834

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No  List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
--	---

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, 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 / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR: \_\_\_\_\_ Producing Method:  
 Flowing  Pumping  Gas Lift  Other *(Explain)* \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
--	---	---

---

---

# McGOWN

DRILLING, INC.

---

---

**Operator:**

Iantha Resources, LLC  
Garnett, KS

**Poss #50**

Anderson Co., KS  
11-20S-20E  
API: 003-26430

<b>Spud Date:</b>	8/11/2015	<b>Surface Bit:</b>	11.0"
<b>Surface Casing:</b>	7.0"	<b>Drill Bit:</b>	5.875"
<b>Surface Length:</b>	22.8'	<b>Longstring:</b>	728.2'
<b>Surface Cement:</b>	6 sx	<b>Longstring Date:</b>	8/12/2015
<b>Longstring:</b>	2 7/8 EUE Used		

## Driller's Log

Top	Bottom	Formation	Comments
0	10	Soil & clay	
10	12	Gravel	
12	62	Shale	
62	93	Lime	
93	108	Shale	
108	112	Lime	
112	159	Shale	
159	170	Lime	
170	178	Shale	
178	214	Lime	
214	221.5	Shale	
221.5	241	Lime	
241	246	Bl. Shale	
246	248	Lime	
248	250	Shale	
250	261	Lime	
261	265	Shale	
265	270	Lime	
270	292	Shale	
292	294	Sand	Grey
294	307	Sandy Shale	
307	311	Sand	Good odor, good bleed
311	347	Sandy Shale	
347	393	Shale	

393	403	Sand	Laminated, 1/2 sand, good odor & show
403	408	Sandy Shale	
408	434	Shale	
434	443	Lime	
443	449	Shale	
449	462	Lime	
462	474	Shale	
474	478	Lime	
478	498	Shale	
498	505	Sand	
505	511	Shale	
511	513	Lime	
513	570	Shale	
570	575	Lime	
575	638	Shale	
638	644	Sand	See below
644	665.5	Shale	
665.5	682	Sand	Good oil show, see below
682	742	Sandy Shale	
<b>742</b>		<b>TD</b>	

**Coring**

<b>Run</b>	<b>Footage</b>	<b>Rec.</b>
1		
2		

**Sand Detail**

638-642	Laminated sand, slight odor
642-644	Mostly shale, some sand, no odor
644-665	Shale
665-666	Sand, odor
666-677	Good sand, good odor, good bleed to pit, soft
677-682	Weaker odor



250 N. Water, Ste 200 - Wichita, Ks 67202

**HURRICANE SERVICES INC**

104 Prairie Plaza Parkway - Garnett, Ks 66032

Customer: lantha resources llc		Customer Name:		Ticket No.: 50038			
Address:		AFE No.:		Date: 8/13/2015 8/12/15			
City, State, Zip:		Job type: Long string New well					
Service District:		Well Details: 5 5/8 hole 742' TD Tubing 2 7/8 728.70					
Well name & No: Poss # 50		Well Location:		County: Anderson	State: Ks.		
Equipment #	Driver	Equipment #	Driver	Equipment #	Hours		
230	Jeff G	25	Dwayne		TRUCK CALLED		
241	Troy				ARRIVED AT JOB		
110	Junior				START OPERATION		
111	Eric				FINISH OPERATION		
					RELEASED		
					MILES FROM STATION TO WELL		
<b>5</b>							
Job Summary							
Hook onto well and pump to establish circulation then pump 5 bbl gel flush followed by 15 bbl water spacer and start cement. Pump 100 sacks of cement stop to flush pump then pump a double wiper plugs to bottom and set float shoe and shut in well. (note: customer supplied wiper plugs) (3 bbl of cement return to surface)							
Product/Service Code	Description	Unit of Measure	Quantity	List Price/Unit	Gross Amount	Item Discount	Net Amount
p01604	50/50 Pozmix Cement	sack	100.00	\$11.30	\$1,130.00	15.00%	\$960.50
p02000	H2O	gal	3,500.00	\$0.01	\$45.50	15.00%	\$38.68
p01807	Bentonite Gel	lb	270.00	\$0.30	\$81.00	15.00%	\$68.85
						15.00%	
p01811	FLO-Seal	lb	25.00	\$2.15	\$53.75	15.00%	\$45.69
c24001	Cement Bulk Truck - Minimum	ea	1.00	\$300.00	\$300.00	66.00%	\$102.00
c11100	Vacuum Truck 80 bbl	ea	1.00	\$84.00	\$84.00	15.00%	\$71.40
c11000	Vacuum Truck 80 bbl	ea	1.00	\$84.00	\$84.00	15.00%	\$71.40
c23100	Cement Pump	ea	1.00	\$950.00	\$950.00	35.00%	\$617.50
				Gross:	\$ 2,728.25	Net:	\$ 1,976.01
				Total Taxable	\$ -	Tax Rate:	7.400%
				Frac and Acid service treatments designed with intent to increase production on newly drilled or existing wells are not taxable.		Sale Tax:	\$ -
				Total: \$ 1,976.01			
				Date of Service:	8/13/2015	8/12/15	
				HSI Representative:	Dwayne		
				Customer Representative:	Tom Miller		
<input type="checkbox"/> CUSTOMER AUTHORIZED AGENT							
Customer Comments or Concerns:							

Hurricane Services appreciates any Comments, Concerns or Criticism's from our valuable customers as Safety and Customer Satisfaction are our Number 1 goal. All Comments are confidential and will be used in a constructive manner to improve our Safety and Job Performance.



**MIDWEST SURVEYS**  
 LOGGING - PERFORATING - CONSULTING SERVICES  
 P.O. Box 68, Osawatomie, KS 68064  
 913 / 755 - 2128

**GAMMA RAY / NEUTRON / CCL**

File No.

Company lantha Resources, LLC

Well Poss No. - 50

Field Garnett Shoesting

County Anderson State Kansas

Location 4130' FSL & 3230' FEL  
 SW-SE-NE-NW

Sec. 11 Twp. 20S Rge. 20E  
 Permian Datum Log Measured From G.L. Elevation 927'  
 Drilling Measured From G.L. Elevation 927'

Date 08-14-2015

Run Number One

Depth Drier 742.0

Depth Logger 724.7

Bottom Logged Interval 723.7

Top Log Interval 20.0

Fluid Level Full

Type Fluid Water

Density / Viscosity NA

Salinity - PPM Cl NA

Max Recorded Temp NA

Estimated Cement Top 0.0

Equipment No. Location 104 Osawatomie

Recorded By Steve Windisch

Witnessed By David Lybarger

BORE-HOLE RECORD

RUN	BIT	FROM	TO	SIZE	WGT.	FROM	TO
One	11.00"	0.0	228	7.00"	17.0 #	0.0	22.75
Two	5.625"	228	742.0	2.875"	6.5 #	0.0	728.20

AP# 15-003-26,430

<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

Drilling Contractor :  
 McGown Drilling, Inc.

Database File: poss 50.cb  
 Dataset Pathname: pass1  
 Presentation Format: gr-n-ccl  
 Dataset Creation: Fri Aug 14 08:50:12 2015 by Log SCH 111116  
 Charted by: Depth in Feet scaled 1:240

