



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1279224
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
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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: _____

1279224

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
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:				

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

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <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> _____	PRODUCTION INTERVAL: _____ _____
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3613A Y Road
 Madison, KS 66860
 Ph: 620-437-2661
 Fax: 620-437-2881



HURRICANE SERVICES INC

104 Prairie Plaza Parkway
 Garnett, KS 66032
 Ph: 785-448-3100
 Fax: 785-448-3102

FED ID# 48-1214033
 MC ID# 165290

Remit to: Hurricane Services, Inc.
 250 N. Water, Suite 200
 Wichita, KS 67202

Customer:
 IANTHA RESOURCES LLC
 21517 NW 1650 RD
 GARNETT, KS 66032

Invoice Date: 1/5/2016
 Invoice #: 0021013
 Lease Name: POSS
 Well #: 3-B
 County: ANDERSON

Date/Description	HRS/QTY	Rate	Total
See ticket 50697 of Joe B	0.000	0.000	0.00
Cement Pozmix 50/50	128.000	11.300	1,446.40 T
Bentonite Gel	415.000	0.300	124.50
Pheno Seal	32.000	1.700	54.40
City water	3,000.000	0.013	39.00
Cement pump multiple wells	1.000	675.000	675.00
Bulk truck #242	1.000	300.000	300.00
80bbl Vac truck 111	1.000	84.000	84.00
80bbl Vac Truck #109	1.000	84.000	84.00
Bid price	1.000	361.600-	361.60-T
Bid price	1.000	415.220-	415.22-

Net Invoice 2,030.48
 Sales Tax: (8.00%) 86.78
Total 2,117.26

All invoices are due upon receipt. Interest at the rate of 1 1/2% per month may be charged on all invoices not paid within 30 days from date of invoice.

WE APPRECIATE YOUR BUSINESS!

TREATMENT REPORT



HURRICANE SERVICES INC

Customer:	lantha Resources	Date:	1/5/2016	SO#:		1286
Representative:						
Address:						
City, State:						
County, Zip:						

Field Order No.:	50697	Open Hole:	5 5/8	Perf Depths (ft)	Perfs
Well Name:	Poss 3 B	Casing Depth:			
Location:		Casing Size:			
Formation:		Tubing Depth:	691		
Type of Service:	Longstring	Tubing Size:	2 7/8		
Well Type:		Liner Depth:			
Age of Well:	new	Liner Size:			
Packer Type:		Liner Top:			
Packer Depth:		Liner Bottom:			
Treatment Via:		Total Depth:	702		
				Total Perfs	0

TIME	INJECTION RATE		PRESSURE		REMARKS	PROP (lbs)	HCL (gls)	FLUID (bbls)
	FLUID	N2/CO2	STP	ANNULUS				
10:00 AM					Called out			
10:00am					leave shop			
10:10 AM					On location with casing in hole			
10:10am					ran wireline confirm td 691			
10:10AM					safety meeting			
10:20am					rig up to 2 7/8 casing 6.4#			
10:26am	3.5			100.0	start pumping 5 bbl h2o ahead			5.00
10:28 AM	3.5			100.0	start pumping 8bbl gel			8.00
10:31 AM	3.5			150.0	start h2o to bring gel to surface			10.00
10:34am	3.5			150.0	start pumping 4 bbl dye			4.00
					start mixing 50/50 2% gel 128 sk @ 14.3 ppg			
10:36am	4.0			200.0	cement up to weight and started it down hole			26.00
10:46AM					Flush pump and lines			
10:48am	3.0			200.0	start pumping plug			4.00
10:50am				1,200.0	plug landed held 1200psi for 3 minutes and			
					set float shoe			
10:54am					start cleaning up truck and flush out lines			
11:10 AM					Washed up and left location			
TOTAL:						-	-	57.00

SUMMARY

Max Fl. Rate	Avg Fl. Rate	Max PSI	Avg PSI
4.0		-	

PRODUCTS USED

128 sks 50/50 2% gel .25 pheno seal

Treater: Joe Blanchard

Customer: lantha resources

McGOWN

DRILLING, INC.

Operator:

Iantha Resources, LLC
Garnett, KS

Poss #3B

Anderson Co., KS
11-20S-20E
API: 003-26500

Spud Date:	12/31/2015	Surface Bit:	11.0"
Surface Casing:	7.0"	Drill Bit:	5.875"
Surface Length:	22.15'	Longstring:	691.0'
Surface Cement:	5 sx	Longstring Date:	1/5/2016
Longstring:	2 7/8 EUE New LS		

Driller's Log

Top	Bottom	Formation	Comments
0	2	Soil	
2	15	Clay & Gravel	
15	68	Shale	
68	96	Lime	
96	110	Shale	
110	116	Lime	
116	118	Red Bed	
118	162	Shale	
162	172	Lime	
172	183	Shale	
183	218	Lime	
218	225	Shale	
225	267	Lime	
267	294	Shale	
294	297	Sand	
297	309	Shale	
309	312	Sand	Good odor, slight bleed to pit
312	348	Sandy shale	
348	395	Shale	
395	404	Sand	Hard, laminated, fair odor
404	434	Shale	
434	437	Lime	
437	439	Red Bed	
439	441	Shale	

Poss #3B
Anderson Co., KS

441	444	Lime	
444	450	Shale	
450	459	Lime	
459	460	Shale	
460	472	Lime	
472	477	Shale	
477	503	Sandy shale	
503	550	Shale	
550	569	Lime	
569	601	Shale	
601	604	Bl. Shale	
604	620	Sandy shale	w/sand, slight odor
620	640	Shale	
640	662	Sand	See below
662	702	Shale	
702		TD	

	Coring	
Run	Footage	Rec.
1		
2		

Sand Detail

640-646	Good sand, soft, good bleed, good odor
646-648	Good odor, less bleed to pit, slightly laminated with shale
648-650	Faint odor, no visible bleed, mostly shale
650-656	Faint odor, sandy shale
656-658	Sand, hard, grey, no odor, no bleed
658-662	Fair odor, slight to fair bleed
662-664	Shale



MIDWEST SURVEYS
 LOGGING - PERFORATING - CONSULTING SERVICES
 P.O. Box 68, Osawatomie, KS 66064
 913 / 755 - 2128

GAMMA RAY / NEUTRON / CCL

File No.

Company **Iantha Resources, LLC.**

Well **Poss No. 3-B**

Field **Garnett Shoestring**

County **Anderson** State **Kansas**

Location **4130' FSL & 2900' FEL**

SE-SE-NE-NW

Sec. **11** Twp. **20s** Rge. **20e**

Permanent Datum **GL** Elevation **932'**

Log Measured From **GL**

Drilling Measured From **GL**

Date **01-19-2016**

Run Number **One**

Depth Diller **702.0**

Depth Logger **686.9**

Bottom Logged Interval **685.9**

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. **102** Location **Osawatomie**

Recorded By **Steve Windisch**

Witnessed By **David Labarger**

Perforate

Other Services

Elevation

K.B. NA

D.F. NA

G.L. 932'

BORE-HOLE RECORD

RUN No. BIT FROM TO SIZE WGT. FROM TO

One 11.00" 0.0 22.0 7.00" 17.0 # 0.0 22.15

Two 5.875" 22.0 702.0 2.875" 6.5 # 0.0 691.0

CASING RECORD

RUN No. BIT FROM TO SIZE WGT. FROM TO

One 11.00" 0.0 22.0 7.00" 17.0 # 0.0 22.15

Two 5.875" 22.0 702.0 2.875" 6.5 # 0.0 691.0

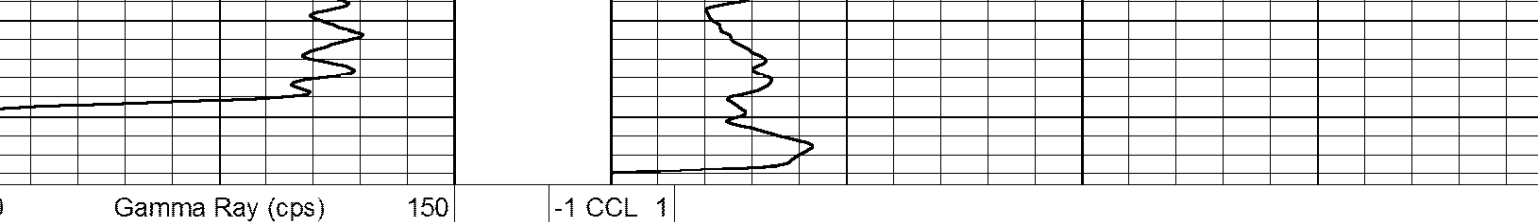
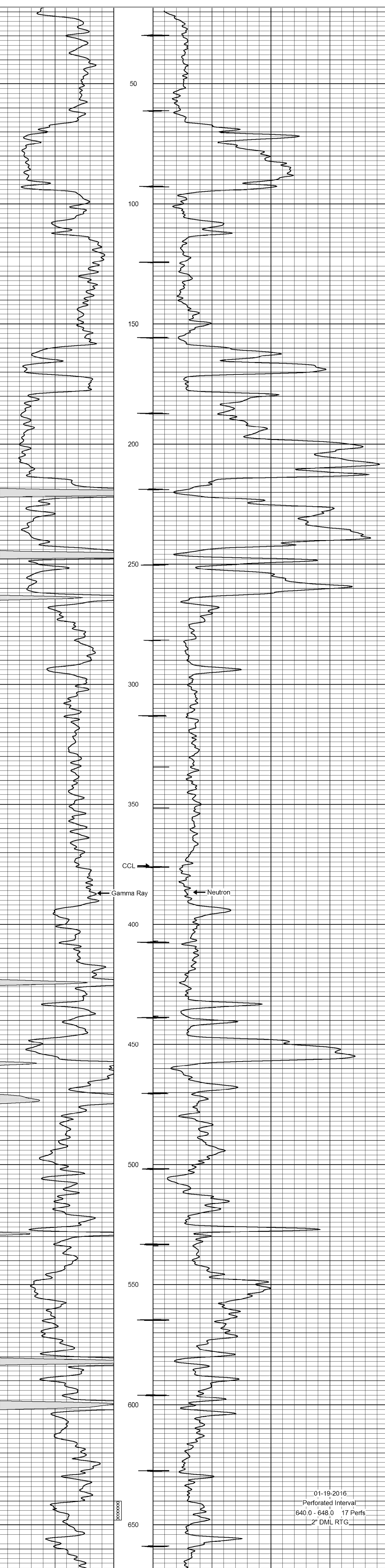
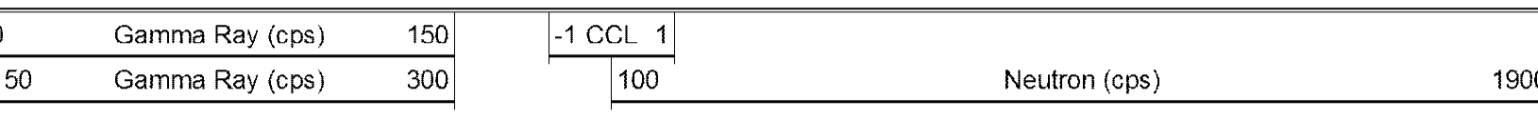
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on 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 3b.db
 Dataset Pathname: pass1
 Presentation Format: gr-n-ccl
 Dataset Creation: Tue Jan 19 13:29:33 2016 by Log SCH 111116
 Charted by: Depth in Feet scaled 1:240



01-19-2016
 Perforated Interval
 640.0 - 648.0 17 Perfs
 2" DML RTG