



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1278228
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: _____

1278228

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
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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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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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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Operator:
lantha Resources, LLC
Garnett, KS

Poss #3A
Anderson Co., KS
11-20S-20E
API: 003-26498

Spud Date:	12/9/2015	Surface Bit:	11.0"
Surface Casing:	7.0"	Drill Bit:	5.875"
Surface Length:	22.3'	Longstring:	690.5'
Surface Cement:	5 sx	Longstring Date:	12/11/2015
Longstring:	2 7/8 EUE New LS		

Driller's Log

Top	Bottom	Formation	Comments
0	2	Soil	
2	14	Clay & Gravel	
14	71	Shale	
71	99	Lime	
99	104	Shale	
104	106	Sand	
106	112	Shale	
112	114	Coal	
114	116	Shale	
116	124	Lime	
124	171	Shale	
171	181	Lime	
181	190	Shale	
190	224	Lime	
224	233	Shale	
233	271	Lime	
271	275	Shale	
275	280	Lime	
280	310	Shale	
310	313	Sand	Fair to good oil show, good bleed
313	402	Shale	
402	412	Lime	
412	440	Sand	Laminated, fair odor, mostly shale
440	442	Lime	

Poss #3A
Anderson Co., KS

442	452	Shale	
452	466	Lime	
466	492	Shale	
492	506	Sand	
506	510	Shale	
510	512	Coal	
512	514	Lime	
514	533	Shale	
533	535	Lime	
535	558	Shale	
558	571	Lime	
571	588	Shale	
588	590	Lime	
590	628	Shale	
628	676	Sand	See below
676	702	Shale	
702		TD	

Run	Coring Footage	Rec.
1		
2		

Sand Detail

628-632	Laminated, mostly shale, good odor, slight bleed
632-636	Good sand, soft, good odor and bleed to pit
636-638	Laminated, mostly shale, good bleed
638-644	Good sand, soft, good odor and bleed to pit
644-646	Laminated sand, fair bleed, good odor
646-652	Shale
652-655	Sand, hard, faint odor, no bleed
655-657	Fair odor, no bleed
657-659	Good odor, slight bleed
659-667	Sandy shale & sand faint odor
667-670	Sand, hard, no odor, no bleed
670-676	Good odor, slight bleed in samples, nothing to pit
676-678	Muddy sandy shale

Best: 632 - 646

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: 12/11/2015
Invoice #: 0020915
Lease Name: POSS
Well #: 3-A
County: ANDERSON

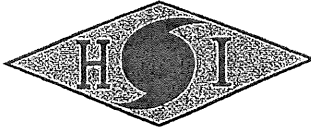
Date/Description	HRS/QTY	Rate	Total
See ticket 50751 of Tom G	0.000	0.000	0.00
Cement Pozmix 50/50	121.000	11.300	1,367.30 T
Bentonite Gel	408.000	0.300	122.40
City water	3,000.000	0.013	39.00
FLO Seal	25.000	2.150	53.75
Pheno Seal	30.000	1.700	51.00
Cementer #230	1.000	675.000	675.00
Bulk truck #240	1.000	300.000	300.00
Transport #146	1.000	105.000	105.00
Bid price	1.000	341.820-	341.82-T
Bid price	1.000	411.540-	411.54-

pd

Net Invoice 1,960.09
Sales Tax: (8.00%) 82.04
Total 2,042.13

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!



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

HURRICANE SERVICES INC

104 Prairie Plaza Parkway - Garnett, Ks 66032

Customer:	lantha Resoures LLC			Customer Name:	Tom Miller	Ticket No.:	50751		
Address:				AFE No.:		Date:	12/11/2015		
City, State, Zip:				Job type:	cement longstring (new well)				
Service District:				Well Details:	5 5/8 hole 702 .. 2 7/8 casing @ 691				
Well name & No.:	Poss 3A			Well Location:		County:	Anderson	State:	KS
Equipment #	Driver	Equipment #	Driver	Equipment #	Hours			AM	TIME
230	Jeff					TRUCK CALLED		AM	
240	Troy					ARRIVED AT JOB		PM	
146/156	Amos					START OPERATION		AM	
	Tom					FINISH OPERATION		PM	
	Joe					RELEASED		AM	
26						MILES FROM STATION TO WELL		PM	

Treatment Summary

Product/Service Code	Description	Unit of Measure	Quantity	List Price/Unit	Gross Amount	Item Discount	Net Amount
p01604	50/50 Pozmix Cement	sack	121.00	\$11.30	\$1,367.30	25.00%	\$1,025.48
p01607	Bentonite Gel	lb	208.00	\$0.30	\$62.40	25.00%	\$46.80
p01607	Bentonite Gel	lb	200.00	\$0.30	\$60.00	25.00%	\$45.00
p02000	H2O	gal	3,000.00	\$0.01	\$39.00	25.00%	\$29.25
p01611	FLO-Seal	lb	25.00	\$2.15	\$53.75	25.00%	\$40.31
p01618	Pheno Seal	lb	30.00	\$1.70	\$51.00	25.00%	\$38.25
c23103	Cement Pump	ea	1.00	\$675.00	\$675.00	25.00%	\$506.25
c24001	Cement Bulk Truck - Minimum	ea	1.00	\$300.00	\$300.00	50.00%	\$150.00
c15600	Transports 150 bbl	ea	1.00	\$105.00	\$105.00	25.00%	\$78.75

TERMS: Cash in advance unless Hurricane Services Inc has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts may pay interest on the balance past due at the rate of 1 1/2% per month or the maximum allowable by applicable state or federal laws if such laws limit interest to a lesser amount. In the event it is necessary to employ an agency and/or attorney to affect the collection of said account, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any and all discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount will become immediately due and owing and subject to collection.

Gross:	\$ 2,713.45	Net:	\$ 1,960.09
Total Taxable	\$ -	Tax Rate:	7.650%
Frac and Acid service treatments designed with intent to increase production on newly drilled or existing wells are not taxable.		Sale Tax:	\$ -
		Total:	\$ 1,960.09

Date of Service:	12/11/2015
HSI Representative:	Tom Goodner
Customer Representative:	

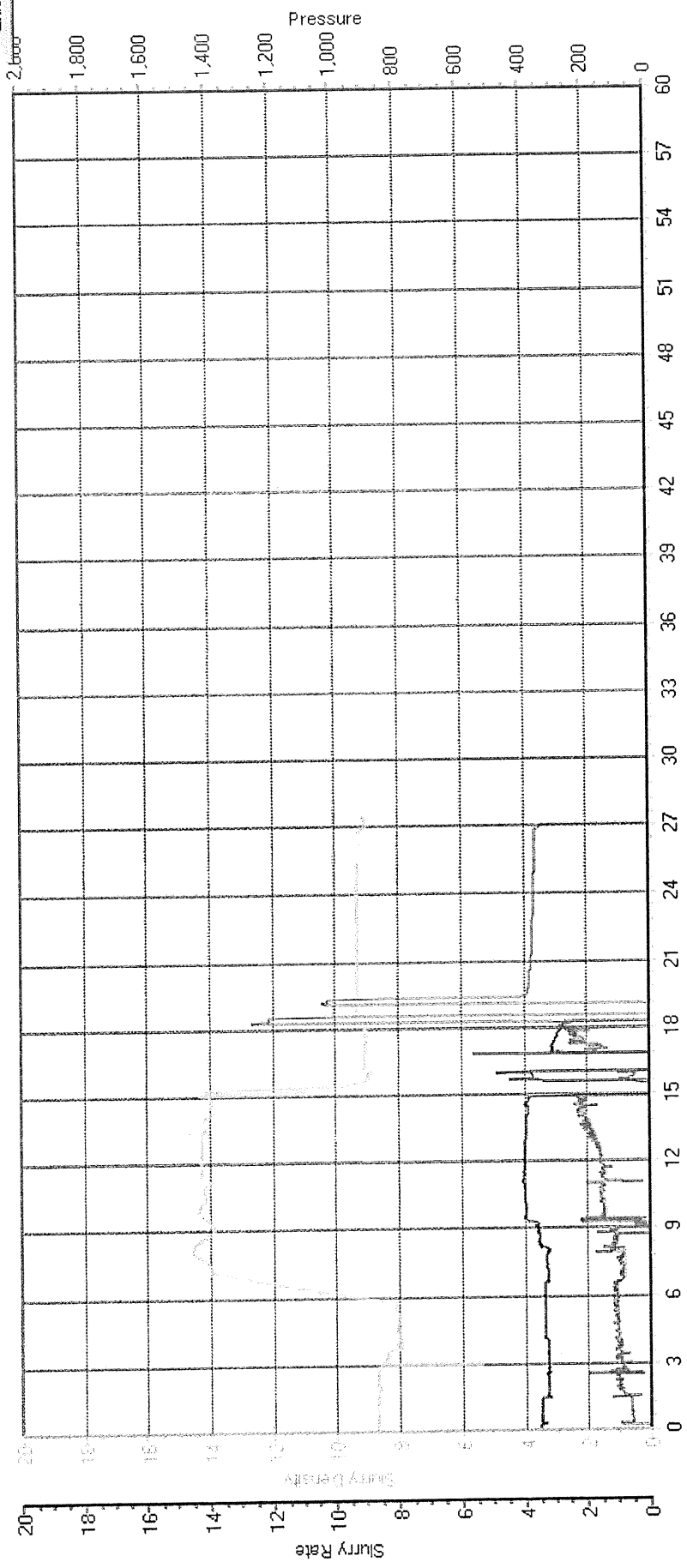
X _____
CUSTOMER AUTHORIZED AGENT

Customer Comments or Concerns:

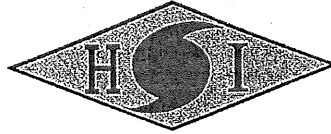
Hurricane Services appreciates any Comments, Concerns or Criticism's from our valuable customers as Safety and Customer Satisfaction are our Number 1 goal. All Comments are confidential and will be used in a constructive manner to improve our Safety and Job Performance.

Print
Setup
Save
Exit

poss 3-A



TREATMENT REPORT



HURRICANE SERVICES INC

Customer:	Iantha Resources Inc.	Date:	12/11/2015	SO#:		1286
Representative:						
Address:						
City, State:	Garnett, Kansas					
County, Zip:	Anderson					

Field Order No.:	50751	Open Hole:	5 5/8	Perf Depths (ft)	Perfs
Well Name:	Poss 3A	Casing Depth:			
Location:	Garnett	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:	691	Total Perfs	0

TIME	INJECTION RATE		PRESSURE		REMARKS	PROP (lbs)	HGL (gls)	FLUID (bbl/s)
	FLUID	N2/CO2	STP	ANNULUS				
11:00am					Called Out			
3:00pm					Leave Shop			
3:05pm					On location with casting in the hole			
					Ran Wireline			
					Saftey Meeting			
3:30pm					Rig up to 2 7/8 casting 6.4#			
3:45pm	3.5		100.0		Started pumping 5bbl ahead			5.00
3:47pm	3.5		100.0		Start pump down gel			8.00
3:50pm	3.5		100.0		Start down with water to bring gel to surface			12.00
3:53pm	3.5		125.0		Start down with 4bbl of dye water			4.00
					Start mixing 50/50 2% 121sx @ 14.2ppg			
3:54pm	4.0		125.0		Cement up to weight started it down behind dye			27.00
4:00pm					Flush pump and lines			
4:02pm	3.0		150.0		Pump down plug			3.50
4:04pm			1,220.0		Plug landed			
4:11pm			400.0		Release well pressure after 7mins			
					Clean up truck and flush out lines			
					6 bbl of good cement to surface			
TOTAL:						-	-	59.50

SUMMARY

Max Fl. Rate	Avg Fl. Rate	Max PSI	Avg PSI
4.0	1.5 bpm	1,220.0	750.0

PRODUCTS USED

121sx 50/50 2% gel / .25 Pheno seal

Treater: Tom Goodner

Customer: Iantha Resources LLC



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- A**

Field **Garnett Shoestring**

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

Location **4138' FSL & 3804' FEL
SW-SW-NE-NW**

Other Services
Perforate

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

Permanent Datum **GL** Elevation **936'**

Log Measured From **GL** K.B. NA
D.F. NA
G.L. **936'**

Drilling Measured From **GL**

Date **12-23-2015**

Run Number **One**

Depth Diller **702.0**

Bottom Logged Interval **688.0**

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 **Gary Windisch**

Witnessed By **Tom Miller**

BORE-HOLE RECORD			
RUN	BIT	FROM	TO
One	11.00"	0.0	22.30
Two	5.875"	22.30	702.0

CASING RECORD			
RUN	SIZE	WGT.	FROM
One	11.00"	17.0 #	0.0
Two	5.875"	6.5 #	0.0

Elevation	
K.B. NA	
D.F. NA	
G.L. 936'	

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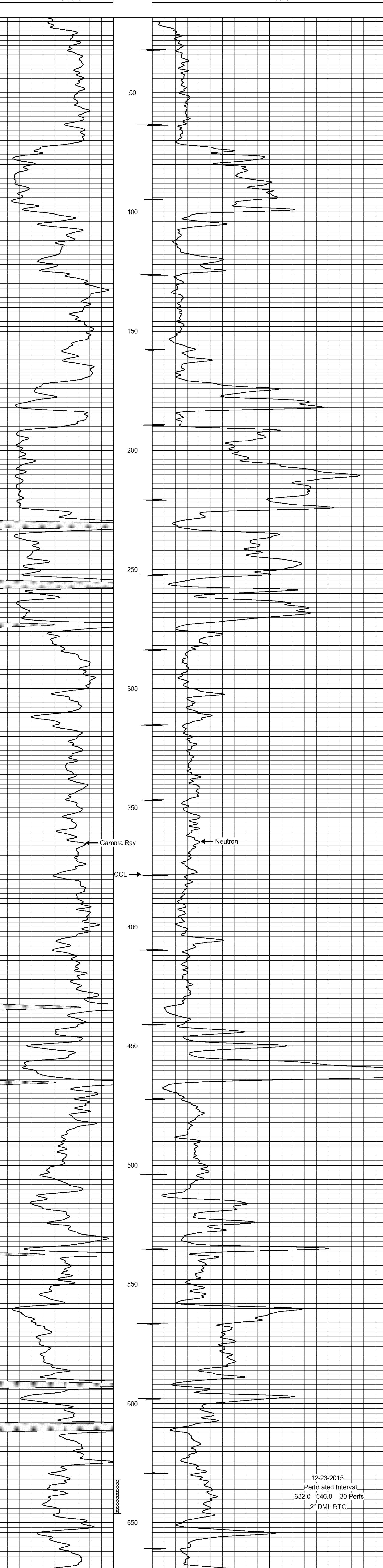
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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 3a.db
 Dataset Pathname: pass1
 Presentation Format: gr-n-ccl
 Dataset Creation: Wed Dec 23 12:21:12 2015 by Log SCH 111116
 Charted by: Depth in Feet scaled 1:240

0	Gamma Ray (cps)	150	-1 CCL 1	100	Neutron (cps)	1900
150	Gamma Ray (cps)	300				



12-23-2015
 Perforated Interval
 632.0 - 646.0 30 Perfs
 2" DML RTG

0	Gamma Ray (cps)	150	-1 CCL 1	100	Neutron (cps)	1900
150	Gamma Ray (cps)	300				