

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 9313
Name: James D. Lorenz
Address 1: 543A 22000 Road
Address 2: _____
City: Cherryvale State: KS Zip: 67335 + 8515
Contact Person: James D. Lorenz
Phone: (620) 328-4433
CONTRACTOR: License # 33374
Name: L&S Well Service, LLC
Wellsite Geologist: N/A
Purchaser: Carroll Energy LLC
Designate Type of Completion:
 New Well _____ Re-Entry _____ Workover _____
_____ Oil _____ SWD _____ SIOW
 Gas _____ ENHR _____ SIGW
_____ CM (Coal Bed Methane) _____ Temp. Abd.
_____ Dry _____ Other _____
(Core, WSW, Expl., Cathodic, 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: _____ Plug Back Total Depth
_____ Commingled _____ Docket No.: _____
_____ Dual Completion _____ Docket No.: _____
_____ Other (SWD or Enhr.?) _____ Docket No.: _____
01/07/08 01/08/09 01/14/08
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 099-24253-00-00
Spot Description: _____
C _SW _NE _SE Sec. 33 Twp. 31 S. R. 18 East West
1650 Feet from North / South Line of Section
990 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Labette
Lease Name: Cleaveland Well #: L-1
Field Name: Dartnell
Producing Formation: mulky summit
Elevation: Ground: 850' Kelly Bushing: 855'
Total Depth: 1037' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 22'6"-0 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: 0
feet depth to: 1020' w/ 132 sx cmt.

Drilling Fluid Management Plan AH II NR 11-24-09
(Data must be collected from the Reserve Pit)
Chloride content: _____ ppm Fluid volume: _____ bbls
Dewatering method used: _____
Location of fluid disposal if hauled offsite: NOV 12 2009
Operator Name: KCC WICHITA
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: [Signature]
Title: Agent Date: 11-06-09
Subscribed and sworn to before me this 6th day of November,
20 09.
Notary Public: [Signature]
Date Commission Expires: 2-19-2012

LISA J. LORENZ
Notary Public - State of Kansas
My Appt. Expires 2-19-2012

KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: James D. Lorenz Lease Name: Cleveland Well #: L-1
 Sec. 33 Twp. 31 S. R. 18 East West County: Labette

INSTRUCTIONS: Show important tops and base 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. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets) Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy)	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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List All E. Logs Run:
**Gamma Ray Neutron
 Differential Temperature log**

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
surface	11"	8 5/8"	22'-6"	22'6"-0	Portland	6	N/a
Production	6 3/4'	4 1/2"	1020'	1020-0'	OWC	132	N/a

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				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
3	3 1/8" SLICK TAG GUN	15%HCL, Sand Frac 20-40, 12-20	556-536'
3	3 1/8" SLICK TAG GUN		525-531'
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TUBING RECORD: Size: <u>2 3/8</u> Set At: <u>573'</u> Packer At:		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or Enhr. <u>7/18/08</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls. <u>0</u>	Gas Mcf <u>20+</u>	Water Bbls. <u>5bl</u> Gas-Oil Ratio Gravity n/a

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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KWS, LLC
 19245 Ford Road
 Chanute, KS 66720

Invoice

Date	Invoice #
1/14/2008	339

Bill To
L & S Well Service 543A 22000 Road Cherryvale, KS 67335

CLEVELAND # L-1
 15-099-24253-00-00

Quantity	Description	Rate	Amount
1,000	Run 4.5 to approx. 1000 ft. Cement with 128 sacks of cement. Set plug at 600 psi	4.00	4,000.00
X 1,000	Run 4.5 to approx. 1000 ft. Cement with 132 sacks of cement. Set plug at 800 psi	4.00	4,000.00
	Sales Tax	0.00%	0.00

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Total	\$8,000.00
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L S Well Service, LLC #33374
543A 22000 Road
Cherryvale, Kansas 67335
620-328-4433

Drill Log

James D. Lorenz .

Cleaveland #L-1
S4, T32, R18E
Labette Co, KS
API#15-099-24253-0000

0-3 Dirt
3-20 Sandstone
20-223 Shale
223-250 Lime
250-260 Shale
260-305 Lime
305-410 Shale
410-433 Lime Pink
433-435 Black Shale
435-498 Shale
498-528 Lime Oswego
528-533 Black Shale
533-561 Lime
561-566 Black Shale
566-567 Coal
567-606 Shale
606-607 Coal
607-615 Shale
615-616 Coal
616-631 Shale
631-632 Coal
632-766 Shale
766-778 Sandy Shale
778-780 Sand
780-803 Sandy Shale
803-870 Shale
870-876 Sand
876-878 Sandy Shale
878-946 Shale
946-947 Coal
947-966 Shale
966-967 Coal
967-970 Shale
970-1037 Lime Mississippi
T.D. 1037

01/07/08 Drilled 11" hole and set
22'-6" of 8 5/8" surface casing
Set with 6 sacks Portland cement

01/08/08 Started drilling 6 3/4" hole

01/08/08 Finished drilling to
T.D. 1037'

Did we did pit? Yes
Did we kill well? No
Did we load hole with water? Yes

435' 0
534' Slight blow
586' Slight blow
616' Slight blow
676' Slight blow
736' Slight blow
796' Slight blow
886' Slight blow
968' 3" on 1/2" Orifice
970' Oil Odor
972' Oil Odor
976' 3" on 1/2" Orifice

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KCC WICHITA



KANSAS CORPORATION COMMISSION 1025490
 OIL & GAS CONSERVATION DIVISION

Form CDP-4
 April 2004
 Form must be Typed

CLOSURE OF SURFACE PIT

Operator Name: Lorenz, James D.		License Number: 9313	
Operator Address: 543A 22000 RD CHERRYVALE KS 67335			
Contact Person: Terry McMunn		Phone Number: (620) 328 - 4433	
Permit Number (API No. if applicable): 15-099-24253-00-00		Lease Name & Well No.: CLEVELAND L-1	
Type of Pit: <input type="checkbox"/> Emergency Pit <input type="checkbox"/> Burn Pit <input type="checkbox"/> Settling Pit <input checked="" type="checkbox"/> Drilling Pit <input type="checkbox"/> Workover Pit <input type="checkbox"/> Haul-Off Pit		Pit Location (QQQQ): SW NE SE Sec. 4 Twp. 32 R. 18 <input checked="" type="checkbox"/> East <input type="checkbox"/> West 1650 Feet from <input type="checkbox"/> North / <input checked="" type="checkbox"/> South Line of Section 990 Feet from <input checked="" type="checkbox"/> East / <input type="checkbox"/> West Line of Section Labelle _____ County	
Date of closure: 07/15/2008			
Was an artificial liner used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
If no, how were the sides and bottom sealed to prevent downward migration of the pit contents? Native clay			
Abandonment procedure of pit: Air-dried and back-filled		RECEIVED NOV 12 2009 KCC WICHITA	

Submitted Electronically

1/15/09