

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.: _____
01/09/08 01/10/08 01/10/08
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 099-24228-00-00
Spot Description: _____
N 32 W 2 NW Sec. 33 Twp. 31 S. R. 18 East West
3795 Feet from North / South Line of Section
4290 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Labette
Lease Name: JOHNSON LORENZ Well #: 30
Field Name: Cherokee Basin CBM
Producing Formation: Bartlesville
Elevation: Ground: 850' Kelly Bushing: 855
Total Depth: 1067 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: 1063.2 w/ 128 sx cmt.

Drilling Fluid Management Plan AH II NCR 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: _____
Operator Name: _____
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: James D. Lorenz
Title: agent Date: 10-08-09
Subscribed and sworn to before me this 10th day of November,
2009
Notary Public: Debi J. Lorenz
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
RECEIVED
NOV 10 2009

Operator Name: James D. Lorenz Lease Name: JOHNSON^{30L} LORENZ Well #: 30
 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 Yes No
 (Attach Additional Sheets)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy)

Log Formation (Top), Depth and Datum Sample
 Name Top Datum

List All E. Logs Run:

Gamma Ray Neutron completion Log

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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
Surface	11"	8 5/8"	22'6"	22.6'-0	Portland	6	n/a
Production	6 3/4'	4 1/2"	1014'	1014'-0'	OWC	128	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
2	3 1/8" SLICK TAG GUN	Spot 100 gal 15%HCL Sand Frac 20-40,12-20	284-286'
3	3 1/8" SLICK TAG GUN	Spot 100 gal 15%HCL Sand Frac 20-40,12-20	286-296'
3	3 1/8" SLICK TAG GUN	Spot 100 gal 15%HCL Sand Frac 20-40,12-20	629-631'
1	3 1/8" SLICK TAG GUN	Spot 100 gal 15%HCL Sand Frac 20-40,12-20	664-667'

TUBING RECORD: Size: 2 7/8 Set At: 950' Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or Enhr. 7-19-08 Producing Method: Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours: Oil Bbbs. Gas 20 Mcf Water 5bl Bbbs. Gas-Oil Ratio _____ Gravity _____

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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L S Well Service, LLC #33374
543A 22000 Road
Cherryvale, Kansas 67335
620-328-4433

Drill Log
James D. Lorenz .

Lorenz #30
S33, T31, R18E
Labette Co, KS
API#15-099-24228-0000

0-2 Dirt
2-15 Sandstone
15-50 Shale
50-60 Lime
60-158 Shale
158-159 Lime
159-170 Shale
170-220 Lime
220-230 Shale
230-250 Lime
250-255 Black Shale
255-270 Lime
270-285 Shale
285-340 Sand
340-383 Shale
383-400 Lime Pink
400-405 Black Shale
405-471 Shale
471-500 Lime Oswego
500-505 Black Shale
505-533 Lime
533-537 Black Shale
537-539 Coal
539-541 Lime
541-566 Shale
566-567 Coal
567-576 Shale
576-577 Coal
577-588 Shale
588-590 Lime
590-591 Coal
591-606 Shale
606-607 Coal
607-637 Shale
637-638 Coal
638-651 Shale
651-652 Coal
652-665 Shale
665-666 Coal
666-667 Shale
667-670 Sand
670-846 Shale
846-860 Sandy Shale
860-894 Shale
894-895 Coal
895-901 Shale
901-902 Coal
902-945 Shale
945-946 Coal
946-951 Shale
951-970 Lime Mississippi
970-976 Dolomite
976-1067 Lime
T.D. 1067

**01-09-08 Drilled 11" hole and set
22'-6" of 8 5/8" surface casing
Set with 6 sacks Portland cement**

01/10/08 Started drilling 6 3/4" hole

**01/10/08 Finished drilling to
T.D. 1067**

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

**315' 23" on 1/2" Orifice
405' 23" on 1/2" Orifice
513' 30" on 1/2" Orifice
556' 50" on 1/2" Orifice
616' 55" on 1/2" Orifice
646' 57" on 1/2" Orifice
676' 57" on 1/2" Orifice
897' 70" on 1/2" Orifice
916' 110" on 1/2" Orifice
946' 22" on 3/4" Orifice
970' Odor
976" 22" on 3/4" orifice**

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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

LORENZ # 30

Quantity	Description	Rate	Amount
X 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
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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