

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

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: Coffeyville Resources

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil SWD SLOW
- 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.: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
<u>3-29-09</u>	<u>3-30-09</u>	<u>4-15-09</u>

API No. 15 - 099-24557-00-00

Spot Description: _____

SW SE NE Sec. 4 Twp. 32 S. R. 18 East West

2970 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: Cleveland CLEVELAND Well #: 2

Field Name: Price

Producing Formation: Bartlesville

Elevation: Ground: 840 Kelly Bushing: 845

Total Depth: 1030 Plug Back Total Depth: 1030

Amount of Surface Pipe Set and Cemented at: 20'-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: 937' w/ 124 sx cmt.

Drilling Fluid Management Plan ATTN: 426-10
(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: Vac truck by KWS LLC

Location of fluid disposal if hauled offsite: _____

Operator Name: James D. Lorenz

Lease Name: Hygrade(Lorenz) License No.: 9313

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: Labette Docket No.: D27,822

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: 5-29-09

Subscribed and sworn to before me this 2ND day of FEB

Notary Public: Terry McMunn

Date Commission Expires: 4-15-12



KCC Office Use ONLY

Letter of Confidentiality Received

If Denied, Yes Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

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Operator Name: James D. Lorenz Lease Name: Cleveland CLEVELAND Well #: 2
 Sec. 4 Twp. 32 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, gas 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 <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 checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: <p style="text-align: center;">Gamma Ray Neutron completion Log</p>	<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
Surface	11"	8 5/8"	20'	20'-0'	Portland	6	n/a
Production	6 3/4"	2 7/8 "	937"	937"-0'	OWC	124	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
1	2" DML-RTG	RECEIVED FEB 08 2010 KCC WICHITA	766-776'
1	2" DML-RTG		710-717'

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr. awaiting pipe line being hooked up	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
AWAITING PIPELINE					

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 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

(620) 431-9212
Mobile (620) 431-8945
FED # 20-8746618

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

Date	Invoice
8/10/2009	912-1200

Date: 8-10-09
Well Name: Cleveland #2
Section: CLEVELAND
Township:
Range:
County: Labette County
API:
PO#

CEMENT TREATMENT REPORT

TYPE OF TREATMENT: Production Casing
HOLE SIZE: 6 3/4
TOTAL DEPT: 1039
WIRE LINE READING BEFORE:
WIRE LINE READING AFTER:

- Landed Plug on Bottom at 500 PSI
- Shut in Pressure
- Lost Circulation
- Good Cement Returns
- Topped off well with _____ Sacks
- Set Float Shoe - Shut In

Service or Product	Quantity	Per Foot Pricing/Unit Pricing	Amount
Pump Truck and Bulk Truck use. Run 2 7/8 to 937'	937	1.00	937.00
Pulling Unit	7	100.00	700.00
Load 2 7/8" tubing. Run 2 7/8" in, had to wash from 300'			
Metso	1	46.00	46.00
Gel	11	4.35	47.85
Flo Seal	1	15.00	15.00
Calcium	1	17.00	17.00
OWC	8	12.75	102.00
Cement	124	2.85	353.40

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Hooked onto 2 7/8" casing. Established circulation with 6 barrels of water, 3 GEL, 1 METSO, COTTONSEED ahead, blended 124 sacks of OWC cement, dropped rubber plug, and pumped 5 barrels of water.

Subtotal	\$2,218.25
Sales Tax (6.55%)	\$0.00
Balance Due	\$2,218.25

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

Drill Log

James D. Lorenz .

CLEVELAND #2
~~Cleveland No. @e~~
S4, T33, R18E
Labette Co, KS
API#15-099-24557-0000
ku
10/2/10
10

0-6' Dirt
6-20' Sandstone
20-55' Limestone
55'-150' Shale
150-300' Limestone
300-415' Shale
415-444' Limestone
444-448' Black Shale
448-505' Shale
505-506' Limestone w/ Shale ****
506-512' Shale
512-568' Limestone
568-572' Black Shale
572-575' Coal
575-583' limestone
583-601' Shale
601-602' Coal
602-671' Shale
671-672' Coal
672-692' Shale
692-693' Coal
693-776' Shale
776-777' Coal
777-946' Shale
946-947' coal
947-991' Shale
991-1037' limestone
T.D. 1037'

7-14-09 Drilled 11" hole and set
20' of 8 5/8" surface casing
Set with 6 sacks Portland cement

7-16-09 Started drilling 6 3/4" hole

7-16-09 Finished drilling to
T.D. 1037'

Rig #7

Did we dig pit? Yes

Did we kill well? No

Did we load hole with water? No

Gas Tests

465' -0

556' slight blow

586' 8" on 1/2" orifice

626' 8" on 1/2" orifice

676' 8" on 1/2" orifice

798' 15" on 1/2" orifice

946' 15" on 1/2" orifice

976'

RECEIVED

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