

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 L.L.C.
Wellsite Geologist: N/A
Purchaser: Coffeyville Resources
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.)

API No. 15 - 099-24558-00-00
Spot Description: _____
NE NE SE SE Sec. 33 Twp. 31 S. R. 18 East West
1155 Feet from North / South Line of Section
165 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Labette
Lease Name: JOHNSON Well #: 11
Field Name: Mound Valley
Producing Formation: Bartlesville
Elevation: Ground: 855' Kelly Bushing: 900
Total Depth: 1420 Plug Back Total Depth: _____
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: 01/14/08
feet depth to: 1270 w/ 198 sx cmt.

Drilling Fluid Management Plan AK IWS 5100
(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 NW Sec. 33 Twp. 31 S. R. 18e East West
County: Labette Docket No.: D-27,822

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.: _____
7-17-09 7-22-09 8-18-09
Spud Date or _____ Date Reached TD _____ Completion Date or
Recompletion Date _____ Recompletion Date

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: 11/02/09
Subscribed and sworn to before me this 2nd day of FEBRUARY,
20 10. [Signature]
Notary Public: _____
Date Commission Expires: _____

TERRY MCMUNN
Notary Public - State of Kansas
My Appt. Expires 4-15-12

KCC Office Use ONLY
N Letter of Confidentiality Received
If Denied, Yes Date: _____
_____ Wireline Log Received
_____ Geologist Report Received
_____ UIC Distribution
RECEIVED
FEB 08 2010

KCC WICHITA

Operator Name: James D. Lorenz Lease Name: JOHNSON Well #: 11
 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 <i>(Attach Additional Sheets)</i> 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Driller's Log	<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	
Production	6 3/4'	4 1/2"	1268'	1268-0'	OWC	198	

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	15%HCL	1032-1036'
	Packer @ 1268'- open hole to 1460'		1268-1460

TUBING RECORD: Size: <u>2 3/8"</u>	Set At: <u>1268'</u>	Packer At: <u>1268'</u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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 (Explain)		
Estimated Production Per 24 Hours	Oil Bbls. <u>n/a</u>	Gas Mcf <u>n/a</u>	Water Bbls. _____ Gas-Oil Ratio _____ Gravity _____

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input checked="" 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 .

Johnson # 11
S33, T34, R18E
Labette Co, KS
API#15-099-24558-0000

0-2' Dirt
2-18' Sandstone
18-194' Shale
194-230' Limestone
230-240' Shale
240-265' Limestone
265-275' Shale
275-290' Limestone
290-293' Shale
293-295' Black Shale
295-300' Shale
300-305' Limestone
305-330' Shale
330-350' Sandstone
350-425' Shale
425-450' Limestone-pink
450-455' Black Shale
455-512' Shale
512-542' Limestone-oswego
542-547' Black Shale
547-574' Limestone
574-579' Black Shale
579-580' Coal
580-621' Shale
621-622' Coal
622-630' Shale
630-631' Coal
631-647' Shale
647-648' Coal
648-701' Shale
701-702' Coal
702-761' Shale
761-762' Coal
762-781' Shale
781-789' Sandstone
789-790' Coal
790-810' Sandstone
810-980' Shale
980-989' Black Shale
989-1262' Limestone
1262-1270' Greenshale
1270-1280 Limestone
1280-1287' Black Shale
1287-1299' Limestone
1299-1420' Shale
1420' T.D.

07-17-09 Drilled 11" hole and set
20' of 8 5/8" surface casing
Set with 6 sacks Portland cement

07-20-09 Started drilling 6 3/4" hole

07-22-09 Finished drilling to
T.D.

Rig #7

Did we dig pit? Yes

Did we kill well? No

Did we load hole with water?No

Oil - 996'
1019-1023'
1030-1033'

Gas tests

395' -0

465' -0

556'- 2" on 1/2" orifice

586'- 2" on 1/2" orifice

646' 2" on 1/2" orifice

736'- 5" on 1/2" orifice

766'- 5" on 1/2" orifice

989'- 5" on 1/2" orifice

989'- 5" on 1/2" orifice

1006'- 11" on 1/2" orifice

1027' -11" on 1/2" orifice

1037'-11" on 1/2" orifice

RECEIVED
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KWS, LLC

19245 Ford Road
 Chanute, KS 66720
 (620) 431-9212
 Mobile (620) 431-8945

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

Date	Invoice
8/11/2009	912-1201

Date: 8-11-09
 Well Name: Johnson #11
 Section:
 Township:
 Range:
 County: Labette County
 API:
 PO#

CEMENT TREATMENT REPORT

TYPE OF TREATMENT: Production Casing
 HOLE SIZE: 6 3/4
 TOTAL DEPT: 1270
 WIRE LINE READING BEFORE:
 WIRE LINE READING AFTER:

- Landed Plug on Bottom at 800 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
Run and cement 4.5"	1,268	2.00	2,536.00
Run and wash down 4.5"	4	100.00	400.00
Metso	2	46.00	92.00
Gel	12	4.35	52.20
Flo Seal	1	15.00	15.00
Calcium	1	17.00	17.00
OWC	8	12.75	102.00
Cement	198	2.85	564.30

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Hooked onto 4.5" casing. Established circulation with 20 barrels of water, 4 GEL, 2 METSO, COTTONSEED ahead, blended 198 sacks of OWC cement, dropped rubber plug, and pumped 20 barrels of water.

Subtotal	\$3,778.50
Sales Tax (6.55%)	\$0.00
Balance Due	\$3,778.50