

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 9313
 Name: James D. Lorenz
 Address: 543A 22000 Road
 City/State/Zip: Cherryvale, Kansas 67335-8515
 Purchaser: Carroll Energy, L.L.C
 Operator Contact Person: James D. Lorenz
 Phone: (620) 328-4433
 Contractor: Name: L & S Well Service, L.L.C.
 License: 33374
 Wellsite Geologist: none
 Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 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./SWD
 Plug Back _____ Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

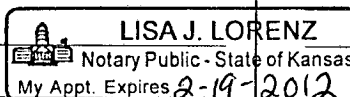
10/30/07	10/31/07	11/30/07
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-099-24227-00-00
 County: Labette
C SE NE NW Sec. 33 Twp. 31 S. R. 18 East West
4290 feet from (S) / N (circle one) Line of Section
2970 feet from (E) / W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Darrin Vaughn Well #: 1
 Field Name: Dartnell
 Producing Formation: Weir Pit Coal
 Elevation: Ground: 850 Kelly Bushing: 855
 Total Depth: 976' Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at 22-0' Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from 900'
 feet depth to surface w/ 147 sx cmt.
Alt 2-Dlg 6/2/08
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 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: 1/30/08
 Subscribed and sworn to before me this 30th day of January,
2008
 Notary Public: Lisa J. Lorenz
 Date Commission 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
MAR 10 2008

KCC WICHITA

Operator Name: James D. Lorenz Lease Name: Darrin Vaughn Well #: 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 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:

Diff temp, Dual induction, density-neutron, hi-resolution, density

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"	22.5'	22-0'	Portland	6	none
production	5 1/2"	2 7/8"	900'	900-0'	OWC	147	

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	2" DML-RTG	Acid spot 15%HCL	687-691'
2	2" DML-RTG	4000# 20-40, 8000#12-20 Sand Frac	702-712'

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
1"			886'				
Date of First, Resumerd Production, SWD or Enhr.			Producing Method				
1-20-08			<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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		
		15	4				

Disposition of Gas Vented Sold Used on Lease (If vented, Submit ACO-18.)
 METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled 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 .

Darin Vaughn #1
S33, T31,R18E
Labette Co, KS
API#099-24227-0000

0-1	Dirt	10/30/07 Drilled 11" hole and set
1-10	Sandstone	22.5' of 8 5/8" surface casing
10-100	Sandy Shale	Set with 6 sacks Portland cement
100-202	Shale	
202-220	Lime	10/31/07 Started drilling 5-1/2" hole
220-230	Shale	
230-285	Lime	10/31/07 Finished drilling to
285-289	Black Shale	T.D. 976'
289-291	Shale	
291-305	Lime	
305-320	Shale	
320-328	Sandy Shale	
328-365	Sand	
365-417	Shale	
417-437	Lime Pink	341 10" on 1/4" Orifice
437-444	Black Shale	465 0
444-445	Coal	542 11" on 1/4" Orifice
445-505	Shale	556 11" on 1/4" Orifice
505-535	Lime	565 35" on 1/2" Orifice
535-540	Black Shale	570 53" on 1/2" Orifice
540-560	Lime	835 53" on 1/2" Orifice
560-564	Black Shale	646 53" on 1/2" Orifice
564-565	Coal	706 15" on 3/4" Orifice
565-570	Lime	736 22" on 3/4" Orifice
570-602	Shale	946 22" on 3/4" Orifice
602-603	Coal	976 22" on 3/4" Orifice
603-631	Shale	
631-632	Coal	
632-636	Shale	
636-643	Sand	
643-644	Coal	
644-648	Sand	
648-688	Shale	
688-689	Coal	
689-701	Shale	
701-702	Coal	
702-710	Shale	
710-715	Sand	
715-732	Sandy Shale	
732-736	Black Shale	
736-799	Shale	
799-802	Sand	
802-841	Sandy Shale	
841-976	Shale	

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L S Well Service, L.L.C.# 33374
 543 22000 ROAD
 CHERRYVALE, KANSAS 67335-8515
 620-328-4433 OFFICE

TICKET NUMBER 20071130
 LOCATION Labette
 FOREMAN KWS & Jim

API #15-099-24227-00-00 CEMENT TREATMENT REPORT

DATE 11/30/07	WELL NAME Darin Vaughn #1		
SECTION 33	TOWNSHIP 31	RANGE 18E	COUNTY LB
CUSTOMER James D. Lorenz			
MAILING ADDRESS 543A 22000 Road			
CITY Cherryvale			
STATE Kansas ZIP CODE 67335			
TIME ARRIVED ON LOCATION			

Hole	Pipe	Annual Volumn In Linear Ft./Bl.
6 3/4"	4 1/2"	40.5
6 1/2"	4 1/2"	46
6 1/4"	2 1/2"	33.5
5 1/4"	2 1/2"	53.5
5 1/4"	2"	47
5 1/2"	2 1/2"	41
Tubing-Linear Ft./Bl.		
8 5/8"		
7"		
4 1/2"	10.5 lb.	63.1
2 1/2"		170
2"		250

- TYPE OF TREATMENT
- SURFACE PIPE
 - PRODUCTION CASING
 - SQUEEZE CEMENT
 - PLUG AND ABANDON
 - PLUG BACK
 - MISP. PUMP
 - WASH DOWN
 - OTHER

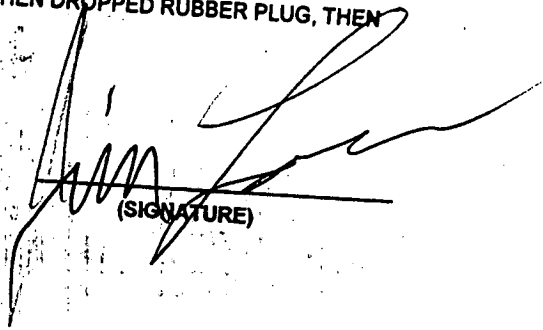
WELL DATA	
HOLE SIZE	5 1/2"
TOTAL DEPTH	976'
CASING SIZE	2 7/8"
CASING DEPTH	900'
PACKER DEPTH	
WIRE LINE READING BEFORE	
WIRE LINE READING AFTER	

INSTRUCTIONS PRIOR TO JOB _____
Run tubing to bottom pumped 75' pad -

AUTHORIZATION TO PROCEED _____ TITLE _____ DATE _____

HOOKED ONTO 2 7/8 "CASING. ESTABLISHED CIRCULATION WITH 20 BARRELS OF WATER,
1 sx Cotton seed Hulls, 2 sx Metasilicate, 2 sx Gel AHEAD, THEN BLENDED
147 SACKS OF OWC CEMENT, THEN DROPPED RUBBER PLUG, THEN
 PUMPED 5 1/2 BARRELS OF WATER.

- LANDED PLUG ON BOTTOM AT _____ PSI
- SHUT IN PRESSURE _____
- LOST CIRCULATION
- GOOD CEMENT RETURNS
- TOPPED OFF WELL WITH _____ SACKS
- SET FLOAT SHOE - SHUT IN


 (SIGNATURE)

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