

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form AGO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 32912  
Name: Carroll Energy, LLC  
Address: 200 Arco Place - Suite 230 - Box 149  
City/State/Zip: Independence, KS 67301  
Purchaser: Carroll Energy, LLC  
Operator Contact Person: Tim Carroll  
Phone: (620) 332-1600  
Contractor: Name: L & S Well Service  
License: 33374

Wellsite Geologist: \_\_\_\_\_

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  GWD  GOW  Temp. Abd.  
 Gas  ENHF  GOW  
 Dry  Other (Gero, WGW, Expl., Gathedis, etc)

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

Deepening  Re-part.  Conv. to Enhr./GWD

Plug Back  Plug Back Total Depth

Cemented  Decklet No. \_\_\_\_\_

Dual Completion  Decklet No. \_\_\_\_\_

Other (GWD or Enhr.)  Decklet No. \_\_\_\_\_

11/8/2006 11/9/2006 11/10/2006  
Spud Date or Completion Date Date Reached TD Completion Date or Recompletion Date

API No. 16: 15-133-2672-00-00

County: Neosho

SE SE NE Sec. 21 Twp. 27S R. R. 20E  East  West

3000 feet from (P) N (North end) Line of Section

360 feet from (P) W (West end) Line of Section

Footings Circulated from Nearest Outside Section Corner:

(North end) NE (P) NW SW

Lease Name: HARDING J Well #: 21-D2

Field Name: Humboldt-Chanute

Producing Formation: \_\_\_\_\_

Elevation: Ground: 998 Kelly Bushing: \_\_\_\_\_

Total Depth: 915 Plug Back Total Depth: 900

Amount of Surface Pipe Set and Cemented at 22.5 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ oz. emul.

Drilling Fluid Management Plan ACT II with  
(Data must be collected from the Reserve File) 8-27-07

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

Downwatering method used \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ 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 207B, 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 slide 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 COMMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

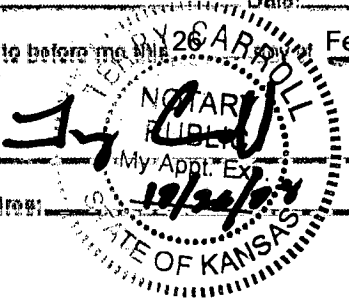
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: [Signature]  
Vice Operating Manager Date: 2/26/2007

Subscribed and sworn to before me this 26 day of February

Notary Public: [Signature]  
My Appl. Ex. 12/26/07

Date Commission Expires: \_\_\_\_\_



**KCC Office Use ONLY**

Letter of Confidentiality Received  
If Desired, Yes  Date: 3-15-07  
PM-3-12-07

Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

**RECEIVED**  
KANSAS CORPORATION COMMISSION

MAR 13 2007

CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Carroll Energy, LLC Lease Name: HARDING J Well #: 21-D2  
 Sec. 21 Twp. 27S S. 20E  East  West County: Neosho

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all clogs. Report all final copies of drill stems tools giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressure, bottom hole temperature, fluid recovery, and flow into or gas to surface test, along with final shut(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 Tools 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  Coras Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy)  List All G. Logs Run: Density Neutron	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum Name _____ Top _____ Datum _____  See Attached
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductors, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs./ft.	Setting Depth	Type of Cement	# Bags Used	Type and Percent Additives
Surface	11"	8.625	32	22.5	Portland	6	
Production	6 3/4	4 1/2	10.5	900	OWC	138	

ADDITIONAL CEMENTING / CEMENTED RECORD				
Purpose:	Depth Top/Bottom	Type of Cement	Bags Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Final Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Chats Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type (Specify Footage of Each Interval Perforated)	Acid, Fracture, Shot, Cement Grout Record (Amount and Kind of Material Used)	Depth
	-		
	-		
	-		
	-		

TESTING RECORD	Size	Set At	Packer At <u>N/A</u>	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of Test, Reservoir Production, GWS or Fals.	Flowing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Specify)			
Estimated Production Per 24 Hours	Oil (bbls.)	Gas (Mcf)	Water (bbls.)	Gas-Oil Ratio

Disposition of Gas <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, submit ACD-10.)	METHOD OF COMPLETION Production Interval <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Gravelpacked <input type="checkbox"/> Other (Specify)
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*[Handwritten signature and date]*  
 5/14/11

# KEPLEY WELL SERVICE CEMENTING

19245 Ford Road  
 Chanute, KS 66720  
 (620) 431-9212  
 Mobile (620) 431-8945  
 FED # 48-1103536

Carroll Energy, LLC  
 2198 Valley High Drive  
 Independence, KS 67301

Date	Invoice
11/15/2006	577

Date: 11-10-06  
 Well Name: Harding J 21-D2  
 Section: 21  
 Township: 27  
 Range: 20  
 County: Neoshon  
 API: 133-26727-00-00

## CEMENT TREATMENT REPORT

TYPE OF TREATMENT: Production Casing  
 HOLE SIZE: 6 3/4  
 TOTAL DEPT: 940  
 WIRE LINE READING BEFORE:  
 WIRE LINE READING AFTER:

- Landed Plug on Bottom
- Shut in Pressure Set float
- 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
4.5	925	3.00	2,775.00T

Hooked onto 4.5 casing. Established circulation with 16 barrels of water, 6 GEL, 2 METSO, 1 COTTON ahead, blended 138 sacks of OWC cement, dropped rubber plug, and pumped 14 barrels of water.

<b>Subtotal</b>	\$2,775.00
<b>Sales Tax (7.3%)</b>	\$202.58
<b>Balance Due</b>	\$2,977.58

RECEIVED  
 KANSAS CORPORATION COMMISSION  
 MAR 13 2007

L S Well Service, LLC #33374  
543A 22000 Road  
Cherryvale, KS 67335

DRILLERS LOG  
CARROLL ENERGY

J. Harding #21-D2  
S21, T27, R20  
Neosho County, KS  
API #15-133-26727-0000

0-2 SOIL  
2-52' LIME  
52-72 SHALE  
72-74 LIME  
74-89 SHALE  
89-116 LIME  
116-118 SHALE  
118-119 BLACK SHALE COAL  
119-142 SHALE  
142-158 LIME  
158-243 SHALE  
243-245 LIME  
245-271 SHALE  
271-280 LIME  
280-297 SHALE  
297-300 LIME  
300-347 SHALE  
347-352 LIME  
352-353 SHALE COAL  
353-398 LIME  
398-399 SHALE  
399-400 BLACK SHALE COAL  
400-422 SHALE  
422-430 LIME  
430-443 SHALE  
443-467 LIME ODOR  
467-470 SHALE  
470-472 BLACK SHALE COAL  
472-474 SHALE  
474-477 LIME  
477-478 SHALE  
478-480 BLACK SHALE COAL  
480-482 SHALE  
482-485 LIME  
485-556 SHALE  
556-557 BLACK SHALE COAL  
557-584 SHALE  
584-585 BLACK SHALE COAL  
585-587 SHALE  
587-588 BLACK SHALE COAL  
588-611 SHALE  
611-613 BLACK SHALE COAL  
613-633 SHALE  
633-639 BLACK SHALE COAL  
639-684 SHALE  
684-698 SAND  
698-700 SANDY SHALE  
700-712 SHALE

**11-8-06 Drilled 11" hole and set  
22.5' of 8 5/8" surface casing with  
6 sacks Portland cement.**

**11-9-06 Started drilling 6 3/4" hole**

**11-9-06 Finished drilling to T.D. 915'**

364' 0" ON 1/2" ORIFICE  
414' 0" ON 1/2" ORIFICE  
464' SLIGHT BLOW  
489' 4" ON 1/2" ORIFICE  
565' 5" ON 1/2" ORIFICE  
590' 4" ON 1/2" ORIFICE  
640' 2 1/2" ON 1/2" ORIFICE  
690' 2 1/2" ON 1/2" ORIFICE  
765' 2 1/2" ON 1/2" ORIFICE  
815' 2 1/2" ON 1/2" ORIFICE  
840' 3" ON 1/2" ORIFICE  
860' 4" ON 1/2" ORIFICE  
890' 25" ON 1/2" ORIFICE

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WICHITA, KS

L S Well Service, LLC #33374  
543A 22000 Road  
Cherryvale, KS 67335

DRILLERS LOG  
CARROLL ENERGY

J. Harding #21-D2  
S21, T27, R20  
Neosho County, KS  
API #15-133-26727-0000

712-713	BLACK SHALE COAL
713-735	SHALE
735-737	SAND
737-750	SHALE
750-760	SAND
760-762	BLACK SHALE
762-764	SHALE
764-780	SAND
780-790	SANDY SHALE
790-797	SAND
797-798	COAL
798-804	SAND
804-805	COAL
805-810	SAND
810-856	SHALE
856-858	BLACK SHALE COAL
858-865	SHALE
865-915	LIME MISSISSIPPI

**T.D. 915'**

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