

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Form ACO-1
September 1999
Form Must Be Typed

ORIGINAL

Operator: License # 33074
 Name: Dart Cherokee Basin Operating Co., LLC
 Address: P O Box 177
 City/State/Zip: Mason MI 48854-0177
 Purchaser: Southern Star
 Operator Contact Person: Beth Oswald
 Phone: (517) 244-8716
 Contractor: Name: McPherson
 License: 5675
 Wellsite Geologist: Bill Barks
 Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW 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. _____

<u>10-28-02</u>	<u>10-31-02</u>	<u>11-16-02</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-30164-00-00
 County: Montgomery
SW NW Sec. 2 Twp. 32 S. R. 15 East West
3299' FSL feet from S / N (circle one) Line of Section
4620' FEL feet from E / W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Lochmiller Well #: B1-2
 Field Name: Jefferson-Sycamore
 Producing Formation: Penn Coals
 Elevation: Ground: 770' Kelly Bushing: _____
 Total Depth: 1244' Plug Back Total Depth: 1229'
 Amount of Surface Pipe Set and Cemented at 20' Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from 1244
 feet depth to 0 200 sx cmt.
Alt II 3/17/06 w/ water

Drilling Fluid Management Plan
 (Data must be collected from the Reserve Pit)
 Chloride content NA ppm Fluid volume 100 bbls
 Dewatering method used empty w/ vac trk and air dry
 Location of fluid disposal if hauled offsite: _____
 Operator Name: Dart Cherokee Basin Operating Co
 Lease Name: Lentz 1 License No.: 33074
 Quarter SE Sec. 18 Twp. 31 S. R. 16 East West
 County: Montgomery Docket No.: D-25956

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: Beth Oswald
 Title: Engr Asst Date: 4-8-03
 Subscribed and sworn to before me this 8th day of April,
2003.
 Notary Public: Karen L. Welton
 Date Commission Expires: _____
Karen L. Welton
Notary Public, Ingham County, MI
My Comm. Expires Mar. 3, 2007

KCC Office Use ONLY

Day Letter of Confidentiality Attached DPW
 If Denied, Yes Date 04-23-03 (2)
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: Dart Cherokee Basin Operating Co., LLC Lease Name: Lochmiller Well #: B1-2
 Sec. 2 Twp. 32 S. R. 15 East West County: Montgomery

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: High Resolution Compensated Density Neutron	Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name Top Datum See Attached <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> RECEIVED KANSAS CORPORATION COMMISSION APR 10 2003 CONSERVATION DIVISION WICHITA, KS </div>
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CASING RECORD							
				New	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
Surf	11"	8 5/8"		20'	Class A	4	
Prod	6 3/4"	4 1/2"	10.5	1234'	50/50 Poz	200	See Attached

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
4	1133.5'-1134.5', 1087.5'-1089.5'	500 gal 7 1/2% ac, 3000# sd & 240 BBL fl	
4/2/4	970.5'-971.5' / 988'-998' / 1004.5'-1007'	500 gal 7 1/2% ac, 11,100# sd & 370 BBL fl	
4	916.5'-920'	350 gal 7 1/2% ac, 3690# sd & 230 BBL fl	
4	844'-845.5'	350 gal 7 1/2% ac, 1600# sd & 230 BBL fl	
4	779'-782', 755'-761'	500 gal 7 1/2% ac, 9200# sd & 320 BBL fl	
TUBING RECORD			
Size 2 3/8"	Set At 1157'	Packer At NA	Liner Run Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.		Producing Method	
12/6/02		Flowing <input type="checkbox"/> Pumping <input checked="" type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.
	5	4	137
		Gas-Oil Ratio	Gravity
		.8	33.7

Disposition of Gas METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
(If vented, Sumit ACO-18.) Other (Specify) _____

**Drillers Log
McPherson Drilling LLC**

ORIGINAL

Rig: 3	API No. 15- 125-30164-0000	Elev. 770'
Operator:	Dart Cherokee Basin Operating Co. LLC	
Address:	P.O. Box 177 Mason, MI 48854-0177	
Well No:	B1-2	Lease Name: Lochmiller
Footage Location:	3299 ft. from the	South Line
	4620 ft. from the	East Line
Drilling Contractor:	McPherson Drilling LLC	
Spud date:	10/28/03	Geologist: Bill Barks
Date Completed:	10/30/02	Total Depth: 1244'

S. 2	T. 32 S	R. 15 E
Loc:	SW NW	
County:	MG	

Gas Tests:
<p>RECEIVED KANSAS CORPORATION COMMISSION</p> <p>APR 10 2003</p> <p>CONSERVATION DIVISION WICHITA, KS</p>

Casing Record		
	Surface	Production
Size Hole:	11"	6 3/4"
Size Casing:	8 5/8"	
Weight:	32#	
Setting Depth:	20'	
Type Cement:	Portland	
Sacks:	4	

Rig Time:

Well Log								
Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
top soil	0	2	sand/shale	627	690	Mississippi	1141	1244 TD
sandstone	2	14	1st Oswego	690	720			
sand	14	51	Summit	720	730			
coal	51	52	2nd Oswego	730	751			
lime	52	58	Mulky	751	757			
shale	58	102	3rd Oswego	757	765			
lime	102	106	shale	765	778			
shale	106	112	coal	778	779			
lime	112	127	sand/shale	779	783			
shale	127	159	lime	783	790			
lime	159	217	shale	790	806			
sand	217	250 no sho	sand/shale	806	841			
shale	250	263	coal	841	844			
sand	263	297 no sho	shale	844	855			
lime	297	312	sand/shale	855	912 odor			
shale	312	410	coal	912	915			
lime	410	483	sand/shale	915	1001 odor			
sand/shale	483	510	coal	1001	1003			
lime	510	516	oil sand	1003	1040			
sand	516	568 no sho	coal	1040	1041			
sand/shale	568	597	shale	1041	1084			
pink lime	597	616 oil	coal	1084	1085			
shale	616	627	shale	1085	1141			

ORIGINAL

APR 10 2003

CONSOLIDATED OIL WELL SERVICES, INC.
211 W. 14TH STREET, CHANUTE, KS 66720
620-431-9210 OR 800-467-8676

CONSERVATION DIVISION
WICHITA, KS
TREATMENT REPORT

TICKET NUMBER 23066
LOCATION Chanute, KS
FOREMAN Jim Green

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
10-30-02	2368	Loch Miller BA-2 SW NW		2	32r	15E	MG	
CHARGE TO				OWNER				
MAILING ADDRESS				OPERATOR				
CITY				CONTRACTOR				
STATE		ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION				TIME LEFT LOCATION				

WELL DATA	
HOLE SIZE	6 3/4"
TOTAL DEPTH	1244'
CASING SIZE	4 1/2"
CASING DEPTH	1234' Insert 1229'
CASING WEIGHT	
CASING CONDITION	
TUBING SIZE	
TUBING DEPTH	
TUBING WEIGHT	
TUBING CONDITION	
PACKER DEPTH	
PERFORATIONS	
SHOTS/FT	
OPEN HOLE	
TREATMENT VIA	

TYPE OF TREATMENT	
<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input checked="" type="checkbox"/> PRODUCTION CASING	<input type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISC PUMP	<input type="checkbox"/> FOAM FRAC
<input type="checkbox"/> OTHER	<input type="checkbox"/> NITROGEN

PRESSURE LIMITATIONS		
	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

INSTRUCTION PRIOR TO JOB Cement One Well

389 PU 56, 128 P TOP, 230 BT SB, 400 T/S; T-66 RS

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Mix and pump 2 cu gal with Halls. Followed with 14 BBLs Dye Marker & mud flush. Mixed and pump 200 cu 5% Ac mix cement with 5# Gel, 1 cur, 5% salt, 2% gel, 24% Fio seal. head cement at 12.8" APG, 90su, tail cement at 14.5" APG 110su. Flush pump clear of cement. Pump 4 1/2" rubber plug to total depth of casing, circulating to BBLs cement return. Pressure up to 800 psi held 90' set float. Check with wireline. Plug set at 1229'.

PRESSURE SUMMARY	
BREAKDOWN or CIRCULATING	psi
FINAL DISPLACEMENT	psi
ANNULUS	psi
MAXIMUM	psi
MINIMUM	psi
AVERAGE	psi
ISIP	psi
5 MIN SIP	psi
15 MIN SIP	psi

TREATMENT RATE	
BREAKDOWN BPM	
INITIAL BPM	
FINAL BPM	
MINIMUM BPM	
MAXIMUM BPM	
AVERAGE BPM	

AUTHORIZATION TO PROCEED Wilson Bork TITLE _____ DATE _____