

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 # 33074
Name: Dart Cherokee Basin Operating Co., LLC
Address: P O Box 177
City/State/Zip: Mason MI 48854-0177
Purchaser: Farmland
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>10-21-02</u>	<u>10-24-02</u>	<u>12-13-02</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 205-25568-00-00
County: Wilson
SE SE NW Sec. 34 Twp. 30 S. R. 15 East West
3147' FSL feet from S / N (circle one) Line of Section
3137' 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: C Smith Well #: B2-34
Field Name: Neodesha
Producing Formation: Penn Coals
Elevation: Ground: 922' Kelly Bushing: _____
Total Depth: 1404' Plug Back Total Depth: 1387'
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 1404
feet depth to SWF w/ 210 sx cmt.

Drilling Fluid Management Plan ALT # WSW 3/10/06
(Data must be collected from the Reserve Pit)
Chloride content NA ppm Fluid volume 95 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: Lavelly 4C License No.: 33074
Quarter NE Sec. 3 Twp. 31 S. R. 15 East West
County: Montgomery Docket No.: D-23422

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: _____
Subscribed and sworn to before me this 8th day of April,
10 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
Deny Letter of Confidentiality Attached
If Denied, Yes Date: 4-22-03 DW
 Wireline Log Received
 Geologist Report Received DGL LOG
 UIC Distribution

Operator Name: Dart Cherokee Basin Operating Co., LLC Lease Name: C Smith Well #: B2-34
 Sec. 34 Twp. 30 S. R. 15 East West County: Wilson

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 Dual Induction SFL/GR	Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name Top Datum See Attached <div style="text-align: center;"> 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	1394'	50/50 Poz	110	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
2	1050'-1056.5'	400 gal 15% ac, 830# sd & 100 BBL fl	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	1130'	NA	Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.		Producing Method			
12/14/02		Flowing <input type="checkbox"/> Pumping <input checked="" type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) <input type="checkbox"/>			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	20	NA	0	NA	29

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

**Drillers Log
McPherson Drilling LLC**

Rig: 3			Elev. 922'
API No. 15- 205-25568-0000			
Operator:	Dart Cherokee Basin Operating Co. LLC		
Address:	P.O. Box 177 Mason, MI 48854-0177		
Well No: B2-34	Lease Name:	C-Smith	
Footage Location:	3147 ft. from the	South	Line
	3147 ft. from the	West	Line
Drilling Contractor:	McPherson Drilling LLC		
Spud date:	10/21/02	Geologist:	Gary Laswell
Date Completed:	10/23/02	Total Depth:	1404'

S. 34 T. R. 15 E
Loc: SE SE NW
County: Wilson

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.
soil/clay	0	12	lime	561	618	oil sand	1056	1071
lime	12	51	sand	618	639 no sho	coal	1071	1073
shale	51	103	lime	639	643	oil sand	1073	1091
lime	103	131	sand/shale	643	657	coal	1091	1094
shale	131	145	sand	657	719 no sho	oil sand	1094	1116
lime	145	162	sand/shale	719	752	sand/shale	1116	1120
shale	162	166	pink lime	752	760	coal	1120	1123
coal	166	167	sand	760	805 no sho	sand/shale	1123	1137
sand	167	184 odor	sand/shale	805	821	oil sand	1137	1153
sand/shale	184	231	1st Oswego	821	847 oil	sand/shale	1153	1160
lime	231	234	Summit	847	855	oil sand	1160	1188
sand	234	247 no sho	2nd Oswego	855	871	sand/shale	1188	1239
shale	247	282	Mulky	871	881	coal	1239	1240
lime	282	305	3rd Oswego	881	887	shale	1240	1253
shale	305	320	shale	887	903	Mississippi	1253	1404 TD
lime	320	372	coal	903	905			
shale	372	380	shale	905	957			
sand/shale	380	396	coal	957	959			
sand	396	435 no sho	shale	959	994			
lime	435	467	sand/shale	994	1001			
shale	467	538	oil sand	1001	1032			
lime	538	544	coal	1032	1035			
shale	544	561	sand/shale	1035	1056			

CONSOLIDATED INDUSTRIAL SERVICES, INC.
 211 W. 14TH STREET, CHANUTE, KS 66720
 316-431-9210 OR 800-467-8676

TICKET NUMBER **14546**
 LOCATION Chanute-9/16
 FOREMAN Jim Brown

TREATMENT REPORT

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
10-24-02	2368	C Smith B2-34		34	30S	15E	WL	
CHARGE TO DART				OWNER				
MAILING ADDRESS P.O. Box 100				OPERATOR Bob Goodman				
CITY Sycamore,				CONTRACTOR McPherson Drilling				
STATE Ks. ZIP CODE 67363				DISTANCE TO LOCATION 25				
TIME ARRIVED ON LOCATION 11:00AM				TIME LEFT LOCATION 2:30PM				

WELL DATA	
HOLE SIZE	6 3/4"
TOTAL DEPTH	1408
CASING SIZE	4 1/2"
CASING DEPTH	1394' Insert at 1387'
CASING WEIGHT	
CASING CONDITION	
TUBING SIZE	RECEIVED
TUBING DEPTH	KANSAS CORPORATION COMMISSION
TUBING WEIGHT	
TUBING CONDITION	APR 10 2003
PACKER DEPTH	
PERFORATIONS	CONSERVATION DIVISION
SHOTS/FT	WICHITA, KS
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		

INSTRUCTIONS PRIOR TO JOB Cement One Well

389 MU 5G, 128 FT OP, 230 BT-1B, 142 7/8 FT-78 1/2 P

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Mix and pump 2 cu. bbl with Halls Pump 16 PPS
Dye marker with mud flush mix and pump 210 sk 50/50 Pac mix cement
with 5# Gilscrete, 5% salt, 2% gel, 4" x 10 seal. Mixed 140 in lead
cement at 1387' PSE. Tail cement at 14.5' BPG. 1100. 1/2 turn pump
clear of cement. Pump 4 1/2 rubber plug to total depth of casing.
Circulating 600's return cement. Pressure up to 900' PSE. Hold 30'
set float. Check with wireline. Plug set at 1387'

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	
HYD HMP = RATE X PRESSURE X 40.B	

AUTHORIZATION TO PROCEED _____ TITLE _____ DATE _____

ALL THE TERMS AND CONDITIONS STATED ON THE REVERSE SIDE ARE INCORPORATED AS PART OF THIS SALE.