

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: 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. \_\_\_\_\_  
10/3/02 10/7/02 10/25/02  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 125-30187-00-00  
County: Montgomery  
E2 SW SE SW Sec. 10 Twp. 31 S. R. 15  East  West  
401' FSL feet from S / N (circle one) Line of Section  
3437' 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: Worl Farms Well #: D2-10  
Field Name: Jefferson-Sycamore  
Producing Formation: Penn Coals  
Elevation: Ground: 810' Kelly Bushing: \_\_\_\_\_  
Total Depth: 1243' Plug Back Total Depth: 1208'  
Amount of Surface Pipe Set and Cemented at 21' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 1243  
feet depth to 0 w/ 175 sx cmt.  
ALT II w/ 3/4" collar  
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: Scott 10 License No.: 33074  
Quarter NW Sec. 10 Twp. 31 S. R. 15  East  West  
County: Montgomery Docket No.: D-24260

**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**

Deny Letter of Confidentiality Attached DPW  
If Denied, Yes  Date: 04-23-03 DPW  
YES Wireline Log Received  
NO Geologist Report Received Drill Log  
\_\_\_\_ UIC Distribution

Operator Name: Dart Cherokee Basin Operating Co., LLC Lease Name: Worl Farms Well #: D2-10  
 Sec. 10 Twp. 31 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:  CDL / HR Density	Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name Top Datum See Attached <b>RECEIVED</b> KANSAS CORPORATION COMMISSION  <b>APR 10 2003</b>  CONSERVATION DIVISION WICHITA, KS
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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"		21'	Class A	4	
Prod	6 3/4"	4 1/2"	10.5"	1232'	50/50 Poz	175	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 <i>(Amount and Kind of Material Used)</i>		Depth
4	923.5'-926'	400 gal	7 1/2% ac, 2900# sd & 220 BBL fl	
4	856'-858.5'	400 gal	7 1/2% ac, 2100# sd & 210 BBL fl	
4 / 2	795.5'-800' / 762'-770.5'	500 gal	7 1/2% ac, 11000# sd & 420 BBL fl	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	960'	NA	Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Enhr.	Producing Method			
11/6/02	Flowing	<input checked="" type="checkbox"/> Pumping	Gas Lift	Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	NA	21	73	NA	NA

Disposition of Gas  Vented  Sold  Used on Lease *(If vented, Sumit ACO-18.)*

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled \_\_\_\_\_

Other (Specify) \_\_\_\_\_

**Drillers Log  
McPherson Drilling LLC**

<b>Rig: 3</b>	Elev. 810'
<b>API No. 15- 125-30187-0000</b>	
<b>Operator:</b> Dart Cherokee Basin Operating Co. LLC	
<b>Address:</b> P.O. Box 177 Mason, MI 48854-0177	
<b>Well No:</b> D2-10	<b>Lease Name:</b> Worl
<b>Footage Location:</b>	401 ft. from the South Line 3437 ft. from the East Line
<b>Drilling Contractor:</b> McPherson Drilling LLC	
<b>Spud date:</b> 10/3/02	<b>Geologist:</b> Bill Barks
<b>Date Completed:</b> 10/7/02	<b>Total Depth:</b> 1243'

<b>S. 10 T. 31 S R. 15 E</b>
<b>Loc:</b> SW/SE/SW
<b>County:</b> Montgomery

<b>Gas Tests:</b>
<p><b>RECEIVED</b></p> <p>KANSAS CORPORATION COMMISSION</p> <p><b>APR 10 2003</b></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:	21'	
Type Cement:	Portland	
Sacks:	4	

<b>Rig Time:</b>

Well Log								
Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
soil/clay	0	8	1st Oswego	712	738			
shale	8	19	Summit	738	747			
lime	19	24	2nd Oswego	747	761			
shale	24	38	Mulky	761	769			
lime	38	44	3rd Oswego	769	773			
shale	44	147	shale	773	794			
lime	147	178	coal	794	798			
shale	178	194	shale	798	812			
lime	194	240	lime	812	815			
sand	240	280	sand/shale	815	855			
coal	280	281	coal	855	858			
sand	281	316	sand/shale	858	921			
lime	316	323	coal	921	926			
sand/shale	323	443	shale	926	937			
lime	443	464	oil sand	937	1092			
sand/shale	464	483	coal	1092	1094			
lime	483	506	sand/shale	1094	1139			
shale	506	528	Mississippi	1139	1243 TD			
oil sand	528	591						
sand/shale	591	627						
pink lime	627	649						
shale	649	658						
oil sand	658	712						

RECEIVED KANSAS CORPORATION COMMISSION

APR 10 2003

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

CONSERVATION DIVISION WICHITA, KS TREATMENT REPORT

TICKET NUMBER LOCATION Chanute, KS FOREMAN Jim Conner

DATE 11-7-02 CUSTOMER ACCT # 2368 WELL NAME Worl Farm D-10 S-35 E-34 SECTION 10 TWP 31S RGE 15E COUNTY MG FORMATION CHARGE TO DART MAILING ADDRESS P.O. Box 100 CITY Sycamore, STATE KS ZIP CODE 67363 TIME ARRIVED ON LOCATION 4:00 PM TIME LEFT LOCATION 6:00 PM

WELL DATA HOLE SIZE 6 3/4" TOTAL DEPTH 1243' CASING SIZE 4 1/2" CASING DEPTH 1232' CEMENT 1208' TUBING SIZE TUBING DEPTH TUBING WEIGHT TUBING CONDITION PACKER DEPTH PERFORATIONS SHOTS/FT OPEN HOLE TREATMENT VIA

TYPE OF TREATMENT [ ] SURFACE PIPE [ ] ACID BREAKDOWN [x] PRODUCTION CASING [ ] ACID STIMULATION [ ] SQUEEZE CEMENT [ ] ACID SPOTTING [ ] PLUG & ABANDON [ ] FRAC [ ] PLUG BACK [ ] FRAC + NITROGEN [ ] MISC PUMP [ ] FOAM FRAC [ ] OTHER [ ] NITROGEN

PRESSURE LIMITATIONS SURFACE PIPE THEORETICAL INSTRUCTED ANNULUS LONG STRING TUBING

INSTRUCTIONS PRIOR TO JOB Cement One Well 389 PW-16, 164 RT JH, 230 BT CP, T/S 417 & T-175H

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Establish circulation, mix in pump 200 gal with Halls red hole, pump 12 BBLs Dye Marker with mud flash, followed with mixing and pumping 175 cu ft 87% Pot. Mix with 5% Gelatin, 5% Salt, 2% Gel, 4% F10-Seal (25% based on 13.8% Tail wt 14.5% PR6 (1000) Flush pump line of cement. Pump 4 1/2" casing 899 to total depth. Pressure up to 800 PSI well held good. Set & bleed plug set at 1268'. Checked with wireline. Circulated 6 BBLs cement to surface.

PRESSURE SUMMARY BREAKDOWN OF CIRCULATING 200# psi FINAL DISPLACEMENT psi ANNULUS psi MAXIMUM 800# psi MINIMUM psi AVERAGE 300# 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 HHP = RATE X PRESSURE X 40.8

AUTHORIZATION TO PROCEED [Signature] TITLE DATE