

CONFIDENTIAL

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

ORIGINAL

2-19-08  
Form ACO-1  
September 1999  
Form Must Be Typed

Operator: License # 33074  
Name: Dart Cherokee Basin Operating Co., LLC  
Address: P O Box 177  
City/State/Zip: Mason MI 48854-0177  
Purchaser: Oneok  
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. \_\_\_\_\_  

10-26-06	10-30-06	11-7-06
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-31208-00-00  
County: Montgomery  
 NW  SW  SW Sec. 2 Twp. 35 S. R. 14  East  West  
800' FSL \_\_\_\_\_ feet from S / N (circle one) Line of Section  
4650' 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: Cowan Well #: D1-2  
Field Name: Cherokee Basin Coal Gas Area  
Producing Formation: Penn Coals  
Elevation: Ground: 910' Kelly Bushing: \_\_\_\_\_  
Total Depth: 1750' Plug Back Total Depth: 1742'  
Amount of Surface Pipe Set and Cemented at 45 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/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan At INH9-1908  
(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: [Signature]  
Title: Engr. Clerk Date: 2-19-07  
Subscribed and sworn to before me this 19 day of February,  
2007

Notary Public: Brandy R. Allcock  
Acting in Michigan  
Date Commission Expires: 3-5-2011  
**BRANDY R. ALLCOCK**  
Notary Public - Michigan  
Jackson County  
My Commission Expires  
March 05, 2011

**KCC Office Use ONLY**  
 Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
**RECEIVED**  
**FEB 23 2007**

**KCC WICHITA**

Operator Name: Dart Cherokee Basin Operating Co., LLC Lease Name: Cowan Well #: D1-2  
 Sec. 2 Twp. 35 S. R. 14 ✓ 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 ✓ No (Attach Additional Sheets)  Samples Sent to Geological Survey <input type="checkbox"/> Yes ✓ No  Cores Taken Yes ✓ No  Electric Log Run ✓ Yes No (Submit Copy)  List All E. Logs Run:  High Resolution Compensated Density Neutron & Dual Induction	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%;">Log</td> <td style="width:40%;">Formation (Top), Depth and Datum</td> <td style="width:30%;">✓ Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td colspan="3" style="text-align: center;">See Attached</td> </tr> </table>	Log	Formation (Top), Depth and Datum	✓ Sample	Name	Top	Datum	See Attached		
Log	Formation (Top), Depth and Datum	✓ Sample								
Name	Top	Datum								
See Attached										

KCC  
 FEB 10 2007

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"	24#	45'	Class A	8	
Prod	6 3/4"	4 1/2"	9.5#	1744'	Thick Set	180	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	1536.5' - 1538.5'	300 gal 15% HCl, 3515# sd, 230 BBL fl	
4	1456' - 1457'	300 gal 15% HCl, 2010# sd, 175 BBL fl	
4	1312.5' - 1314'	300 gal 15% HCl, 910# sd, 165 BBL fl	
4	1148' - 1149.5' / 1121' - 1124.5'	150 gal 15% HCl, 10015# sd, 33 ball sealers, 450 BBL fl	

TUBING RECORD		Size	Set At	Packer At	Liner Run	
		2 3/8"	1713'	NA	Yes	✓ No
Date of First, Resumed Production, SWD or Enhr.		Producing Method				
11-14-06		Flowing	✓ Pumping	Gas Lift	Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	
	NA	0	38	NA	NA	

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)

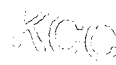
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Rig Number: 2	S. 2	T. 35	R. 14 E
API No. 15- 125-31208-0000	County: MG		
Elev. 910	Location: NW SW SW		

Operator: Dart Cherokee Basin	Lease Name: Cowan
Address: 211 W Myrtle	
Independence, KS 67301	
Well No: D1-2	
Footage Location: 800 ft. from the South Line	
4650 ft. from the East Line	
Drilling Contractor: McPherson Drilling LLC	
Spud date: 10/26/2006	Geologist:
Date Completed: 10/31/2006	Total Depth: 1750

Gas Tests:
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Comments:
Start injecting @ 280

Casing Record			Rig Time:
	Surface	Production	
Size Hole:	11"	6 3/4"	
Size Casing:	8 5/8"		
Weight:	20#		
Setting Depth:	45	McPherson	
Type Cement:	Portland		Driller: Jordon Jamison
Sacks:	8	McPherson	

**Well Log**

Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
Soil	0	3	Shale	1170	1232			
Sand	3	12	Coal	1232	1233			
Lime	12	18	Sandy Shale	1233	1253			
Sand	18	20	Coal	1253	1254			
Lime	20	230	Shale	1254	1345			
Sandy Shale	230	365	Sandy Shale	1345	1492			
Lime	365	384	Shale	1492	1530			
Shale	384	695	Coal	1530	1532			
Lime	695	706	Shale	1532	1603			
Sand	706	722	Mississippi	1603	1750			
Sandy Shale	722	780						
Lime	780	839						
Shale	839	918						
Pink Lime	918	938						
Sandy Shale	938	1058						
Oswego	1058	1080						
Summit	1080	1089						
Lime	1089	1110						
Mulkey	1110	1119						
Lime	1119	1126						
Shale	1126	1142						
Coal	1142	1143						
Sandy Shale	1143	1165						
Coal	1165	1170						

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CONSOLIDATED OIL WELL SERVICES, INC.  
 P.O. BOX 884, CHANUTE, KS 66720  
 620-431-9210 OR 800-467-8676

KCC  
 FEB 19 2007

TICKET NUMBER 16503  
 LOCATION EUREKA  
 FOREMAN Kevin McCoy

TREATMENT REPORT & FIELD TICKET  
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-1-06	2368	COWAN D1-2				MG

CUSTOMER  
**Dart Cherokee Basin**  
 MAILING ADDRESS  
 211 W. Myrtle  
 CITY  
 Independence  
 STATE  
 KS  
 ZIP CODE  
 67301

Gus  
 James  
 Rig 1

TRUCK #	DRIVER	TRUCK #	DRIVER
445	Justin		
479	Jim		

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 1750' CASING SIZE & WEIGHT 4 1/2 9.5\* new  
 CASING DEPTH 1744' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13\* SLURRY VOL 56 BBL WATER gal/sk 8.0 CEMENT LEFT in CASING 0'  
 DISPLACEMENT 28.3 BBL DISPLACEMENT PSI 1200 ~~MAX~~ PSI 1600 Bump Plug RATE \_\_\_\_\_

REMARKS: Safety Meeting: Rig up to 4 1/2 casing w/ wash head. Break Circulation w/ 30 BBL fresh water. wash down 40' 4 1/2 w/ water. Pump 6 sks Gel Flush w/ Hulls. Circulate Gel to surface w/ 85 BBL fresh water. Rig up Cement Head. Pump 10 BBL foamer, 10 BBL water spacer. mixed 180 sks THICK Set Cement w/ 8\* K&L-Seal per/sk @ 13\* per/gal, yield 1.73. wash out Pump & Lines. Shut down. Release Plug. Displace w/ 28.3 BBL fresh water. Final Pumping Pressure 1200 PSI. Bump Plug to 1600 PSI. wait 5 minutes. Release Pressure. Float Held. Shut casing in @ 0 PSI. Good Cement Returns to surface = 2 BBL Slurry. Job Complete. Rig down.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	800.00	800.00
5406	40	MILEAGE 1 <sup>ST</sup> well of 2	3.15	126.00
1126 A	180 SKS	THICK Set Cement	14.65	2637.00
1110 A	1440 *	K&L-Seal 8* per/sk	.36 *	518.40
1118 A	300 *	Gel Flush	.14 *	42.00
1105	50 *	Hulls	.34 *	17.00
5407	9.9 TONS	Ton Mileage BULK TRUCK	m/c	275.00
4404	1	4 1/2 Top Rubber Plug	40.00	40.00
1238	1 GAL	Soap	33.75	33.75
1205	2 GAL	Bi-Cide	25.35	50.70

Sub Total 4539.85  
 SALES TAX 172.49  
 ESTIMATED TOTAL 4712.34

THANK YOU

5.3%

210333

AUTHORIZATION [Signature]

TITLE \_\_\_\_\_

RECEIVED DATE \_\_\_\_\_

FEB 23 2007

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2-19-08

# DART OIL & GAS CORPORATION

*a Dart Energy Company*

P.O. BOX 177, 600 DART ROAD  
MASON, MICHIGAN 48854-0177  
TELEPHONE (517) 676-2900  
FAX (517) 676-5887  
E-MAIL [contact@dartoilandgas.com](mailto:contact@dartoilandgas.com)  
WEB SITE [www.dartenergy.com/oilandgas](http://www.dartenergy.com/oilandgas)

February 19, 2007

KCC  
FEB 19 2007  
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Mr. David Williams  
Kansas Corporation Commission  
Oil & Gas Conservation Division  
130 S Market Rm 2078  
Wichita KS 67202

Re: Cowan D1-2  
15-125-31208-00-00  
NW SW SW Sec 2 T35S-R14E, Montgomery

Dear Mr. Williams:

Dart Cherokee Basin Operating Co., LLC would like to request confidentiality status pursuant to KCC rule 82-3-107 for the above mentioned well.

If you have any questions, please contact me at 517-244-4681.

Sincerely,

  
Jody Krajcovic,  
Engineering Clerk

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