## ORIGINAL

#### KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999 Form Must Be Typed

KCC WICHITA

## WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License #_33074	API No. 15 - 125-31113-00-00
Name: Dart Cherokee Basin Operating Co., LLC	County: Montgomery
Address: P O Box 177	
City/State/Zip: Mason MI 48854-0177	2516' FSL feet from S / N (circle one) Line of Section
Purchaser: Oneok	5156' FEL feet from E / W (circle one) Line of Section
Operator Contact Person: Beth Oswald	Footages Calculated from Nearest Outside Section Corner:
Phone: ( <u>517</u> ) <u>244-8716</u>	(circle one) NE SE NW SW
Contractor: Name: McPherson	Lease Name: Reding Well #: C1-11 SWD
License: 5675	Field Name: Cherokee Basin Coal Gas Area
Wellsite Geologist: Bill Barks	Producing Formation: Penn Coals
Designate Type of Completion:	Elevation: Ground: 899' Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 1793' Plug Back Total Depth: 1793'
OilSWDSIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 44 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth tosx cmt.
Well Name:	
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)  3-7-07
Deepening Re-perf Conv. to Enhr./SWD	Chloride contentppm Fluid volumebbls
Plug BackPlug Back Total Depth	
Commingled Docket No	Dewatering method used
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
6-29-06 7-5-06 7-12-06	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp. S. R East West
Recompletion Date Recompletion Date	County: Docket No.:
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas 67202, within 120 days of the spud date, recompletion, workover information of side two of this form will be held confidential for a period of 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs a TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	r or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply.  2 months if requested in writing and submitted with the form (see rule 82-3-  and geologist well report shall be attached with this form. ALL CEMENTING
All requirements of the statutes, rules and regulations promulgated to regulat herein are complete and correct to the best of my knowledge.	e the oil and gas industry have been fully complied with and the statements
Signature: Signature:	KCC Office Use ONLY
Title: Engr Clerk Date: 11-1-06	Letter of Confidentiality Attached
Subscribed and sworn to before me thisday of	, If Denied, Yes 🛣 Date: 11-13-06
20 06	Wireline Log Received
Notary Public: Nelson K Stanland	Geologist Report Received
(101)	——— UIC Distribution RECEIVED
Date Commission Expires:	
	NOV 0 6 2006

#### Side Two

Operator Name: Dart (							Well #: C1-	11 SWD
ec. 11 <sub>Twp. 31</sub>	S. R. 14	✓ East Wes	t Cou	<sub>inty:</sub> Mont	gomery			
ISTRUCTIONS: Show ested, time tool open a emperature, fluid recov- lectric Wireline Logs s	nd closed, flowing a ery, and flow rates i	and shut-in pressu f gas to surface to	ires, whetherest, along wit	r shut-in pre	ssure reached s	tatic level, hydros	tatic pressure	es, bottom hole
rill Stem Tests Taken (Attach Additional Sho	eets)	☐ Yes ✓ N	lo	Lo	og Formatio	n (Top), Depth an	d Datum	✓ Sample
amples Sent to Geolog	gical Survey	☐ Yes ✓ N	lo	Name	Э		Тор	Datum
Cores Taken Electric Log Run (Submit Copy)		Yes ✓ N ✓ Yes N	lo lo	See	Attached			
ist All E. Logs Run:								
High Resolution Co Dual Induction	ompensated Der	nsity Neutron &	<b>k</b>					
			SING RECOR			18.4 (M. 19.4 (M. 19.		
Purpose of String	Size Hole	Report all strings Size Casing		r, surface, inte Weight	rmediate, producti Setting	on, etc. Type of	# Sacks	Type and Percent
***************************************	Drilled	Set (In O.D.)	L.	bs. / Ft.	Depth	Cement	Used	Additives
Surf	11"	8 9	5/8"	24#	44'	Class A	8	
Prod	7 7/8"	5	1/2"	15.5#	1661'	Thick Set	235	See Attached
	,	ADDITIO	NIAL CEMEN	JTING / GOL	FEZE DECODE		***************************************	
Purpose:	Depth	Type of Cement		icks Used	EEZE RECORD	Time and De		
Perforate Protect Casing Plug Back TD Plug Off Zone	Top Bottom	Type of Germen	#704	ions Oseu		rype and re	rcent Additives	
Shots Per Foot		N RECORD - Bridge otage of Each Interv		/pe		ture, Shot, Cement S ount and Kind of Mate		d Depth
Open Hole			169	95' - 1790'		2500 gal 28%	HCl, 1260	) gal fl
TUBING RECORD	Size	Set At	Packe	er At	Liner Run			
	2 7/8"	1625'		621'	Entor Null	Yes ✓ No		
Date of First, Resumed Pro	oduction, SWD or Enhr NA	r. Producing	Method	Flowing	✓ Pumpin	g Gas Lift	Othe	er (Explain)
Estimated Production Per 24 Hours	Oil Bb	1	Mcf VA	Wate	r Bb	ls. Ga	s-Oil Ratio	Gravity NA
Disposition of Gas	METHOD OF CO	<del></del>			Production Interv	al		•
Vented Sold [	Used on Lease	Open I	lole F	Perf. D	ually Comp.	Commingled		RECEIV

KCC WICHITA

 Rig Number:
 1
 S. 11
 T. 31
 R. 14 E

 API No.
 15- 125-31113
 County:
 MG

 Elev.
 899
 Location:

Operator: Dart Cherokee Basin

Address: 211 W Myrtle

Independence, KS 67301

Well No: C1-11 SWD

Lease Name: Reding

Footage Location: 2516 ft. from the

South Line

5156 ft. from the East

Line

Drilling Contractor: Spud date: McPherson Drilling LLC

ming LLC

Geologist:

Date Completed:

6/29/2006 7/5/2006

Total Depth: 1790

	1	100
4		
•		
•		
Comments:		
Start injecting @		

Gas Tests:

Casing Record	i		Rig Time:	
	Surface	Production		
Size Hole:	11"	7 7/8		
Size Casing:	8 5/8"			
Weight:	20#		ļ	
Setting Depth:	44	McPherson		
Type Cement:	Portland		Driller:	Andy Coats
Sacks:	8	McPherson		

				Well Log	***************************************			
Formation	Тор	Btm.	Formation	Тор	Btm.	Formation	Тор	Btm.
Soil/Clay	0	5	Coal	1141	1143			•
Lime	5	80	Shale	1143	1184			
Shale	80	505	Coal	1184	1185			
Lime	505	515	Shale	1185	1200			
Shale	515	648	Coal	1200	1203			
Sandy Shale	648	720	Shale	1203	1333			
Lime	720	729	Coal	1333	1335			
Shale	729	886	Shale	1335	1355			
Coal	886	888	Coal	1355	1357			
Shale	888	889	Shale	1357	1378			
Pink Lime	889	912	Mississippi	1378	1652			
Shale	912	972	Sand Shale	1652	1672			
Oswego	972	997	Lime	1672	1757			
Summit	997	1005	Brack	1757	1760			
Oswego	1005	1018	Lime	1760	1785			
Mulkey	1018	1024	Brack	1785	1790			
Oswego	1024	1027	Lime	1790	1790			
Shale	1027	1062						
Coal	1062	1064						
Shale	1064	1081						
Coal	1081	1082		•				
Shale	1082	1127					RE	CEIVE
Coal	1127	1129					AIOI	locor
Shale	1129	1141					NU	0 6 20
~ <del>~~~</del>							VCC	: WICH

TICKET NUMBER	10265
LOCATION EUREKA	
FOREMAN KEWN M	15Cou

# TREATMENT REPORT & FIELD TICKET CEMENT

DATE	CUSTOMER#	1 445	LL NAME & NUN	MBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-7-06	2368	Readin	9 61-11 3	swa	11	3/5	14E	MG
USTOMER		•						
<i>DART</i> AILING ADDRE	- Cherokes	BASIN	<del></del>	-Gus	TRUCK#	DRIVER	TRUCK#	DRIVER
		1_		Jones	445	Justin	<del> </del>	
277 0 ITY	v. myete	STATE	ZIP CODE	Rigz	442	RICK P.	<del> </del>	<del> </del>
Independ	dence	KS	67301				-	<del> </del>
	ostring	<u> </u>			1790'	CASING SIZE & V	WEIGHT 64	S CO # 0/4
SING DEPTH_		HOLE SIZE		_ HULE DEPTH _ TUBING_23		CASING SIZE & Y	OTHER	3.30 774
HIDDY WEIGHT	13.5 #	SHIPPY VOI	LO BLL	WATER gallel	, 2. °	CEMENT LEFT in		
	6.5 BbL		NT PSI 700		`	RATE	- CASING	
					BOY BOB P	acker w/	Part Call	40.G+
@ 1659	Ban	23/8 Tue	ino cul	DAGNING &	Clasina	806 to 16	59's Rio	upto
23/8 746	ing w/ w	Ash Head	L. Pump	40 BbL +1	aesh water	. CASING &	Tubino L	Aded.
Close ANA	vulles of	Tubing in	r. PRESSUR	E CASING ?	to 500 PSI.	OPEN PORT	CollAR. A	BREAK
						BUL FORM		
UATER.	Mixed 23	5 5ks 6	0/40 POZI	nix Cemer	st w/ 5#	KOL-SOAL PU	15K 4%	Gel. 2%
PACLZ @	13.5# Per	IGAL VIEL	d 1.48. 6	Good Come	nt Rotur	u to Sweff	ce. Shut	down.
						ch water. C		
0	-	100 - 001	Tool Cla	and Offer	ANNULAS	of 23/2 Tue	Sing. BACK	e wash
KESSUM (	ASMO TO A	voo Par.						
ASING W/	20 Bbl FR	esh water	- Short u	URY. BACK	wash w/40	BbL Long wa	1 - Pull Teb	IND JOB
Asing w/	20 BbL FR	esh water	- Short u	URY. BACK	wash w/ 40 SERVICES or PR	BbL Long wa	UNIT PRICE	TOTAL
ASING W/ ACCOUNT CODE	20 Bbl fr	esh water	- Short u	UAY. BACK O	umsh w/40	BbL Long wa	UNIT PRICE	TOTAL
ASING W/ ACCOUNT CODE 540/	20 Bbl fr	esh water	Short u	UAY. BACK O	umsh w/40	BbL Long wa	UNIT PRICE 800 - 00	TOTAL 800.00
ASING W/ ACCOUNT CODE 540/	QUANTITY	esh water	D PUMP CHARG	UAY. BACK O	umsh w/40	BbL Long wa	UNIT PRICE	TOTAL 800.00
ASCOUNT CODE 5401	QUANTITY  40	esh water	PUMP CHARGE	URY. BACK ( ESCRIPTION of	wash w/ 40 SERVICES or PR	BbL Long wa	9- Pull Rub UNIT PRICE 800-00 3-15	TOTAL 800.00
ASYMY W/ ACCOUNT CODE 5401 5406	QUANTITY	esh water or units	PUMP CHARCE MILEAGE	POZMIX C	wash w/ 40 SERVICES or PR	BbL Long wa	9- Pull Trib UNIT PRICE 800 - 00 3-15 9-35	TOTAL 800.00 126.00
ASCOUNT CODE 5401 5406	20 86L FR QUANTITY 1 40 235	esh water or units	PUMP CHARCE MILEAGE  60/40  K64-Se	POZMIX C	wash w/ 40 SERVICES or PR	BbL Long wa	9.35 9.35	101AL 800.00 126.00 2197.25 432.00
ASTANG W/ ACCOUNT CODE 5401 5406 1131 1110 A	20 BbL FR Quantity 1 40 235 1200	SAS	PUMP CHARCE MILEAGE  60/40  K62-Se  Gel 4	POZMIX C	wash w/ 40 SERVICES or PR	BbL Long wa	9. Pull Trib Unit Price 800.00 3.15 9.35 .36	707AL 800.00 126.00 2197.25 432.00
ACCOUNT	20 86L FR QUANTITY 1 40 235 1200 800	SAS	PUMP CHARCE MILEAGE  60/40  K64-Se	POZMIX C	wash w/ 40 SERVICES or PR	BbL Long wa	9.35 9.35	101AL 800.00 126.00 2197.25 432.00
ASTANO W/ ACCOUNT CODE  540/ 5406  1/3/ 1/10 A 1/18 A	20 86L FR QUANTITY 1 40 235 1200 800	or Units  SAS	PUMP CHARCE MILEAGE  60/40  K62-Se  Gel 4  CACLE	POZMIX C	wash w/ 40 SERVICES or PR	BbL Long WA	9. Pull Trib Unit Price 800.00 3.15 9.35 .36	707AL 800.00 126.00 2197.25 432.00 112-00 256-00
ASPAY W/ ACCOUNT CODE  5401  5406  1131  1110 A  1118 A  1407	20 86L FR QUANTITY 1 40 235 1200 800 400	SAS  W TOWS	PUMP CHARCE MILEAGE  60/40  K6L-SE GEL 4  CACLE	POZMIX CAL 5 4.0%	ement  Pec/sk	BbL Long WA	9. Pull Rub UNIT PRICE 800.00 3.15 9.35 .36 .14 .64 MIC	70TAL 800.00 126.00 2197.23 432.00 112-00 256.00
ASPAGE W/ACCOUNT CODE 5401 5406 131 1110 A 1118 A 1102 118 A	20 86L FR QUANTITY  1 40 235 1200 800 400	SKS # # # # # # # # # # # # # # # # # #	PUMP CHARCE MILEAGE  60/40  K6L-Se  GeL 4  CACLE  Ton MI	POZMIX CAL 5 4.0%	ement  Pec/sk	BbL Long WA	9. Pull Trib UNIT PRICE 800.00 3.15 9.35 .36 .14 .64 MIC	70TAL 800.00 126.00 2197.23 432.00 112-00 256.00 28.00
ASTANG W/ ACCOUNT CODE 5401 5406 1131 1110 A 1118 A 1102	20 86L FR QUANTITY 1 40 235 1200 800 400	SAS  W  TOWS	PUMP CHARCE MILEAGE  60/40  K6L-SE GEL 4  CACLE  TON MI	POZMIX CAL 5 4.0%  KAGE BU	ement  Pec/sk	BbL Long WA	9- Pull Trib UNIT PRICE 800-00 3-15 9-35 -36 -14 -64 M/C	707AL  800.00  126.00  2197.25  432.00  112.00  256.00  28.00  33.75
ASM9 W/ACCOUNT CODE 540/ 540/ 5406 13/ 5/10 A 118 A 102	20 86L FR QUANTITY 1 40 235 1200 800 400	SKS # # # # # # # # # # # # # # # # # #	PUMP CHARCE MILEAGE  60/40  K6L-Se  GeL 4  CACLE  Ton MI	POZMIX CAL 5 4.0%  KAGE BU	ement  Pec/sk	BbL Long WA	9. Pull Trib UNIT PRICE 800.00 3.15 9.35 .36 .14 .64 MIC	70TAL 800.00 126.00 2197.23 432.00 112-00 256.00 275.00
ASSMY W/ACCOUNT CODE 540/5406 1/3/1/10 A 1/18 A 1/1	20 86L FR QUANTITY 1 40 235 1200 800 400	SAS  W  TOWS	PUMP CHARCE MILEAGE  60/40  K6L-SE GEL 4  CACLE  TON MI	POZMIX CAL 5 4.0%  KAGE BU	ement  Pec/sk	BbL Long WA	9- Pull Trib UNIT PRICE 800-00 3-15 9-35 -36 -14 -64 M/C	707AL 800.00 126.00 2197.23 432.00 256.00 275.00 28.00 33.75
ASING W/ ACCOUNT CODE 5401 5406 1131 1110 A 1118 A 1102	20 86L FR QUANTITY 1 40 235 1200 800 400	SAS  W  TOWS	PUMP CHARCE MILEAGE  60/40  K6L-SE GEL 4  CACLE  TON MI	POZMIX CAL 5 4.0%  KAGE BU	ement  Pec/sk	BbC Long was	9. Pull Trib UNIT PRICE 800.00 3.15 9.35 .36 .14 .64 M/C .14 .33.75 .25.35	707AL 800.00 126.00 2197.23 432.00 256.00 275.00 28.00 33.75 50.70
CASING W/ ACCOUNT CODE 540/ 5406 //3/ ///0 A	20 86L FR QUANTITY 1 40 235 1200 800 400	SAS  W  TOWS	PUMP CHARCE MILEAGE  60/40  K6L-SE GEL 4  CACLE  TON MI	ESCRIPTION of SE  POZMIX ( AL 5*  10%  2%  KAGE BU  KAGE BU	ement  Pec/sk	BbC Long was	9. Pull Tub UNIT PRICE  800.00  3.15  9.35  .36  .14  .64  MIC  .14  33.75  25.35	707AL 800.00 126.00 126.00 2197.25 432.00 132.00 256.00 275.00 28.00 33.75 50.70
ASTANG W/ ACCOUNT CODE  5401  5406  1131  1110 A  1118 A  1402  1407  118 A  238	20 86L FR QUANTITY 1 40 235 1200 800 400	SAS  W  TOWS	PUMP CHARCE MILEAGE  60/40  K6L-SE GEL 4  CACLE  TON MI  SOAP  BI-CIDE	POZMIX CAL 5 4.0%  KAGE BU	ement  Pec/sk  LLK TRUCK	BbC Long was	9. Pull Trib UNIT PRICE 800.00 3.15 9.35 .36 .14 .64 M/C .14 .33.75 .25.35	707AL 800.00 126.00 126.00 2197.25 432.00 256.00 275.00 28.00 33.75 50.70