CONFIDENTIAL

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999 Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License #_33074	API No. 15 - 125-31223-00-00
Name: Dart Cherokee Basin Operating Co., LLC	County: Montgomery
Address: P O Box 177	SWNWSW_Sec15_Twp33_S. R14_
City/State/Zip: Mason MI 48854-0177	1915' FSL feet from S / N (circle one) Line of Section
Purchaser: Oneok	5135' FEL feet from E / W (circle one) Line of Section
Operator Contact Person: Beth Oswald	Footages Calculated from Nearest Outside Section Corner:
Phone: (517) 244-8716	(circle one) NE SE NW SW
Contractor: Name: McPherson	Lease Name: D&D Armitage Well #: C1-15 SWD
License: 5675 COMFIDENTIAI	Field Name: Cherokee Basin Coal Gas Area
Wellsite Geologist: Bill Barks	Producing Formation: Penn Coals
Designate Type of Completion:	Elevation: Ground: 866' Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 1830' Plug Back Total Depth: 1671'
OilSWDSIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 45 Feet
Gas ENHR SIGW	
Dry Other (Core, WSW, Expl., Cathodic, etc)	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth setFeet
	If Alternate II completion, cement circulated from
Operator:	feet depth to w/sx cmt.
Well Name:Original Total Depth:	Drilling Fluid Management Plan SWO N# 9-16-08
·	(Data must be collected from the Reserve Pit)
Deepening Re-perf. Conv. to Enhr./SWD	Chloride content ppm Fluid volume bbls
Plug BackPlug Back Total Depth	Dewatering method used
Commingled Docket No.	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	Operator Name:
Other (SWD or Enhr.?) Docket No	
10-10-06 10-12-06 NA	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or Recompletion Date	Quarter Sec Twp. S. R East West
	County: Docket No.:
Ransas 67202, within 120 days of the spud date, recompletion, worked information of side two of this form will be held confidential for a period of 107 for confidentiality in excess of 12 months). One copy of all wireline log TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells	
erein are complete and correct to the best of my knowledge.	ate the oil and gas industry have been fully complied with and the statements
to to the second	
Signature: The Color of the Col	KCC Office Use ONLY
itle: Ingr Gerk Date 1-31-07	Letter of Confidentiality Attached
ubscribed and sworn to before me this 31 day of January	If Denied, Yes Date:
0_07	Wireline Log Received
	Geologist Report Received RECEIVED
totary Public: Brandy B. allcock	UIC Distribution
ctung in enginem 3 5-2011 BRANDY R. ALLO	
S Notary Bublia	
Notary Public - Jackson Co My Commission	ounty 5

		n Operating Co., LL				e	_ Well #: <u>C1</u>	-15 SWD
Sec15 Twp	33 S. R. 14	✓ East West	County: _	Mon	tgomery			
ested, time tool ope emperature, fluid re	en and closed, flowing ecovery, and flow rate	and base of formations p g and shut-in pressures, s if gas to surface test, inal geological well site	, whether shut- along with fina	in pre	essure reached s	static level, hydro	static pressur	es, bottom hole
Orill Stem Tests Tak		☐ Yes ✓ No		L	og Formatio	n (Top), Depth ar	nd Datum	✓ Sample
Samples Sent to Ge	eological Survey	☐ Yes ✓ No	:	Nam	е		Тор	Datum
Cores Taken	eregion, currey	Yes ✓ No		See	Attached			
Electric Log Run (Submit Copy)		✓ Yes No				{		
ist All E. Logs Run:							NUC	
ot 7th E. Logo Fluit.	•						131 200	7)
	Compensated D	ensity Neutron &					·	•
Dual Induction						CUNIF	FIDENTI	
		CASING Report all strings set-	RECORD conductor, surfac	Ne ce, inte		on, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight		Setting	Type of	# Sacks	Type and Percent
Su		8 5/8"	Lbs. / Ft.	24#	Depth 45'	Cement Class A	Used 8	Additives
Pro	od 7 7/8"	5 1/2"	15	5.5#	1678'	Thick Set	260	See Attached
		ADDITIONAL	CEMENTING	/ squ	EEZE RECORD			
Purpose: Perforate Protect Casing Plug Back TD	Depth Top Bottom	Type of Cement	#Sacks Use	ed		Type and Pe	rcent Additives	
Plug Off Zone								
Shots Per Foot	PERFORATION Specify F	ON RECORD - Bridge Plug ootage of Each Interval Per	gs Set/Type forated		Acid, Fractu (Amo	ure, Shot, Cement S ount and Kind of Mate	Squeeze Record	d Depth
Open Hole			1715' - 1	830'		63 BBL 1	5% HCI, 325	BBL fl
					· .,			
UBING RECORD	Size 2 7/8"	Set At 1633'	Packer At 1636'		Liner Run	Yes ✓ No		
ate of First, Resumed	Production, SWD or Enl		od	owing	✓ Pumping	Gas Lift	Other	r (Explain)
stimated Production Per 24 Hours	· · · · · · · · · · · · · · · · · · ·		Mcf	Water	Bbls		s-Oil Ratio	Gravity
isposition of Gas	METHOD OF CO					1	INA	IVA
Vented Sold	Used on Lease	Open Hole	Perf.	Dι	ually Comp.	7	RE	ECEIVED
Disposition of Gas	METHOD OF CO	•		Dı	NA Production Interval	7	ansas corp	NA ECEIVED ORATION COMM

CONSERVATION DIVISION WICKITA, KS

McPherson Drilling LLC Drillers Log

 Rig Number:
 1
 S. 15
 T. 33
 R. 14 E

 API No.
 15- 125-31225
 County:
 MG

 Elev.
 866
 Location:

Operator:

Dart Cherokee Basin

Address:

211 W Myrtle

Independence, KS 67301

Well No:

C1-15 SWD

Lease Name:

D&D Armitage

Footage Location:

1915 ft. from the

South

5135 ft. from the

East

Line Line

Drilling Contractor:

McPherson Drilling LLC

Spud date:

10/10/2006

Geologist:

Date Completed:

10/12/2006

Total Depth:

1830

Casing Record			Rig Time:	Rig Time:			
	Surface	Production					
Size Hole:	11"	6 3/4"					
Size Casing:	8 5/8"		1				
Weight:	20#						
Setting Depth:	45	McPherson					
Type Cement:	Portland		Driller:	Andy Coats			
Sacks:	8	McPherson		,			

Gas Tests:	
•	9
	4
<i>n</i> ~	
KCC CONFIDENTIAL	
COM 3 1 22-	
	i
Comments:	
Start injecting @ 340	

				Well Log				
Formation	Тор	Btm.	Formation	Тор	Btm.	Formation	Тор	Btm.
Soil	0	9	Coal	1104	1105		<u> </u>	
Shale	9	15	Shale	1105	1147			
Lime	15	80	Coal	1147	1148			
Shale	80	322	Shale	1148	1388			
Wet Sand	322	342	Coal	1388	1390			
Shale	342	407	Shale	1390	1441	·		
Lime	407	415	Coal	1441	1442	İ		
Shale	415	528	Shale	1442	1452			
Lime	528	542	Coal	1452	1453			
Shale	542	680	Shale	1453	1459			
Lime	680	705	Mississippi	1459	1678			
Shale	705	747	Green Shale	1678	1683			
Lime	747	782	Lime	1683	1694			
Shale	782	890	Black Shale	1694	1722			
Pink	890	907	Lime	1722	1750			
Shale	907	995	More Water	1750	1754			
Oswego	995	1030	Lime	1754	1801			
Summit	1030	1041	More Water	1801	1806	Ì		
Oswego	1041	1062	Lime	1806	1810			
Mulkey	1062	1070	Lots of Water	1810	1812			
Oswego	1070	1079	Lime	1812	1830			
Shale	1079	1082			-		RECEN	
Coal	1082	1084				CARMA?	necen Crporation	velu M Commi
Shale	1084	1104				į.	teb 12	

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

TICKET NUMBER	10884
LOCATION Fureka	
FOREMAN Troy Sta	ickler

TREATMENT REPORT & FIELD TICKET

			VELL NAME &	· · · · · · · · · · · · · · · · · · ·	I SE	ECTION	TOWNSH	110		
0-13-06	2368	D+	D Armite	ma (1-	l l		TOWNSE	RAI	VGE	COUN
STOMER	06		- 11111	DE CI	12 2MB	Sin he in 1873 A	Shipari dan merekerik			MB
ILING ADDR	Cherokee	basin			TF	RUCK#	DRIVER			阿斯斯斯斯
					44			IRU	CK#C	DRIVE
<u> 211 </u>	W. Myr	He		1	4-		Cliff		VU 80	\C.\
· .	·	STATE	ZIP CODE			4	Kyle	JA	N 3	2037
Lodepen		Ks	6730	,	 			COM	SIDE	101571 A 1
B TYPE La	perke	HOLE SIZE	7744	 HOLE D	L		L			
SING DEPTH	1672'	DRILL PIPE			2 49 "	1/ 33/	CASING SIZE	& WEIGHT	<u>54"</u>	15.50
URRY WEIGH	IT 13.5"	SLURRY VOL	68061			_		OTHER_		
	r_5.506	DISPLACEME	ENT BEL DO		gal/sk			T in CASING_		
MARKS: 5	afety Ma	Aria , El	140	MIX PSI			RATE			_
Con 230	M TOLL	<i></i>	z Casing	w/ ope	n hole	Packer	WI Port	Coller 1	2+ 6	0 1530
3/	Bbi . Casin	w/oper	+ Clasing	tool to	2 16721	Rig w	y 29	6" +LL		1 100 12
	bol · Carin	g 4 Yebi	ng loade	d. Clo	se Anno	aks c	of 4.6		<u>~</u>	GGEL A
Control of	culation w/	10BPI O	Mixed	mp last	Gol-Flu	4 10	Rh/ Engl	g open	B-27	Collec
RHOE, M	mp 5810	16 water	mixed	260sk	5 60/4	1 62	-/h - 1	or pre	ACC 4	Gel to
7. Cuch	+5=10/-	5m/ Ar/s	rec D	# Rafal	1150H 1.6	UP Co.	1 000	ement 4	14.	Z Ge/,
lan u	the out P.	uma + 1	mer D	isolone	1 -	79. <u>(</u> 301	<u>c</u> canon	4 40 Sc.	Lear	. Shut
ecia to	2 700 051		Tool Clo	TA TACE	2 1	J UTA/	water.	Close F	grape.	. Ares
Short us	4		~/ 40Bh	Ger	,		cc. Back		Lul	1586/6
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						-37 ·	- Six C	4550	<u> </u>	The Lite.
	QUANTITY -		 		-		Certing (37	Delle Delle	They.
CODE	QUANTITY o		 		N of SERVICE			<u> </u>	&C	plets
CODE 401	QUANTITY o		 	DESCRIPTIO	-			UNIT PRI	CE	TOTAL
CODE 401	QUANTITY o			DESCRIPTIO	N of SERVICE	S or PROD	UCT	UNIT PRI 800.	CE DO	TOTAL 80000
401			PUMP CHAR	DESCRIPTIO	-		UCT	UNIT PRI	CE DO	TOTAL
CODE 401	(40	r UNITS	PUMP CHAR	DESCRIPTIO	N of SERVICE	S or PROD	уст	UNIT PRI 800.	CE DO	TOTAL 80000
CODE 401 106 131	1 40 260	or Units	PUMP CHAR MILEAGE	DESCRIPTIO	N of SERVICE	S or PROD	уст	UNIT PRI 800.	CE DO	TOTAL 80000
401 406 131 18A	1 40 260 890	sks	PUMP CHAR MILEAGE 60/40 GEJ	DESCRIPTIO	n of service	S or PROD	уст	3.13	CE CE	107AL 80000 2431.0
CODE 401 406 131 18A 10A	1 40 260 890 1300 *	sks	PUMP CHAR MILEAGE 60/40 Gel Kol-	DESCRIPTIO	N of SERVICE	S or PROD	уст	3.15 9.35	CE CE	101AL 80000 2431.0
401 106 31 18A	1 40 260 890	sks	PUMP CHAR MILEAGE 60/40 GEJ	DESCRIPTIO	n of service	S or PROD	уст	375 UNIT PRI 800.6 3.13 9.35	CE DO	2431.0 12460 468.00
CODE 401 106 131 18A 10A 102	1 40 260 890 1300 *	sks	PUMP CHAR MILEAGE 60/40 Gel Kol-	DESCRIPTIO	n of service	S or PROD	уст	3.15 9.35	CE DO	101AL 80000 2431.0
106 106 131 18A 0A	1 40 260 890 1300 *	sks	PUMP CHAR MILEAGE 60/40 Gel Kol- Cacl2	DESCRIPTION RGE 20 RGZ 42 SAL/ 22	n of service ad of Mix (S or PROD	UCT S	9.35 .14	CE DO	2431.0 1246.0 468.00
1901 106 131 18A 10A 102	1 40 260 890 1300* 450*	SKS	PUMP CHAR MILEAGE 60/40 Gel Kol- Cacl2	DESCRIPTION RGE 20 RGZ 42 SAL/ 22	n of service	S or PROD	UCT S	375 UNIT PRI 800.6 3.13 9.35	CE DO	2431.0 1246.0 468.00
131 18A 102	1 40 260 890 1300* 450*	SKS	PUMP CHAR MILEAGE 60/40 Gel Kol- Cacl Ton-	DESCRIPTION RGE 20 RGZ 42 SAL/ 22 M;/engr	n of service ad of Mix (S or PROD	UCT S	9.35 .144	CE	2431.0 1246.0 468.00
1901 106 131 18A 0A 02	1 40 260 890 1300 * 450 **	SKS	PUMP CHAR MILEAGE 60/40 Gel Kol- Cacl2 Ton-	DESCRIPTION RGE 20 10 10 10 10 10 10 10 10 10 10 10 10 10	n of service ad of Mix (S or PROD	UCT S	9.35 . 144	CE DO	2431.0 1246.0 468.00
CODE 1401 1806 131 18A 10A 102 18A 1238	1 40 260 890 1300* 450* 1901	SKS	PUMP CHAR MILEAGE 60/40 Gel Kol- Cacl2 Ton-	DESCRIPTION RGE 20 10 10 10 10 10 10 10 10 10 10 10 10 10	n of service ad of Mix (S or PROD	UCT S	9.35 .14"	CE DO	2431.0 124.60 468.00 275.00
31 18A 0A 02 8A 28	1 40 260 890 1300 * 450 **	SKS	PUMP CHAR MILEAGE 60/40 Gel Kol- Cacl Ton-	DESCRIPTION RGE 20 10 10 10 10 10 10 10 10 10 10 10 10 10	n of service ad of Mix (S or PROD	UCT S	9.35 .14" .14" .31,36	CE CE	2431.0 1246.0 1246.0 288.00 275.00 12.00 23.75
31 18A 0A 02 8A 28	1 40 260 890 1300* 450* 1901	SKS	PUMP CHAR MILEAGE 60/40 Gel Kol- Cacl2 Ton-	DESCRIPTION RGE 20 10 10 10 10 10 10 10 10 10 10 10 10 10	n of service ad of Mix (S or PROD	UCT S	9.35 .14"	CE CE	2431.0 1246.0 248.00 275.00
31 18A 0A 02 8A 2.38	1 40 260 890 1300* 450* 1901	SKS	PUMP CHAR MILEAGE 60/40 Gel Kol- Cacl2 Ton-	DESCRIPTION RGE 20 RBZ- 42 Soul 22 Milespe	Nof SERVICE Ad of Mix (S or PROD	UCT S	9.35 .14" .14" .31,36	CE CE	2431.0 1246.0 275.00 12.00 275.00
31 18A 0A 02 8A 2.38	1 40 260 890 1300* 450* 1901	SKS	PUMP CHAR MILEAGE 60/40 Gel Kol- Cacl2 Ton-	DESCRIPTION RGE 20 10 10 10 10 10 10 10 10 10 10 10 10 10	Nof SERVICE Ad of Mix (S or PROD	UCT S	37. UNIT PRI 800.6 3.13 9.35 .144 .644 .644 .144 33.75 25.35	CE DO	2431.0 12460 12460 288.00 275.00 12.00 23.75
CODE 401 106 131 18A 10A 102 18A 107 18A 108	1 40 260 890 1300* 450* 1901	SKS	PUMP CHAR MILEAGE 60/40 Gel Kol- Cacl2 Ton-	DESCRIPTION RGE 20 10 10 10 10 10 10 10 10 10 10 10 10 10	Nof SERVICE Ad of Mix (5 * Rysic Calk	S or PROD	UCT (5 Less	37. UNIT PRI 800.6 3.13 9.35 .144 .36 .644 .37.25 .25.35	CE DO	2431.0 124.60 124.60 288.00 275.00 12.00 275.00
CODE 1401 106 131 18A 10A 102 18A 1238 138	1 40 260 890 1300* 450* 1901	SKS	PUMP CHAR MILEAGE 60/40 Gel Kol- Cacl2 Ton-	DESCRIPTION RGE 20 10 10 10 10 10 10 10 10 10 10 10 10 10	Nof SERVICE Ad of Mix (S or PROD	UCT S	3.75 UNIT PRI 800.6 3.13 9.35 .14 .54 .54 .54 .54 .55 .55 .55 .55 .55 .5	CE DO	2431.0 12460 12460 288.00 275.00 12.00 23.75

1-31-08 1-31-09

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 WEB SITE www.dartenergy.com/oilandgas

January 31, 2007

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

Re:

D&D Armitage C1-15 SWD

15-125-31223-00-00

SW NW SW Sec 15 T33S-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

RECEIVED KANSAS CORPORATION COMMISSION

FEB 0 2 2007

CONSERVATION DIVISION WICKITA, KS