ORIGINAL

CONFIDENTIAL

Kansas Corporation Commission OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1 September 1999 Form Must Be Typed 2/21/10

Operator: License #_33074	API No. 15 - 205-27308-00-00
Name: Dart Cherokee Basin Operating Co., LLC	County: Wilson
Address: P O Box 177	SW SE NE_ Sec25_ Twp29_ S R15_
City/State/Zip: Mason MI 48854-0177 Purchaser: Oneok Operator Contact Person: Beth Oswald Phone: (517) 244-8716 Contractor: Name: McPherson License: 5675	3050' FSL feet from S / N (circle one) Line of Section
Purchaser: Oneok	860' FEL feet from E / W (circle one) Line of Section
Operator Contact Person: Beth Oswald CONT	Footages Calculated from Nearest Outside Section Corner:
Phone: (517_) 244-8716	(circle one) NE SE NW SW
Contractor: Name: McPherson	Lease Name: Frankenbery Well #: B4-25
License: 5675	Field Name: Cherokee Basin Coal Gas Area
Wellsite Geologist: Bill Barks	Producing Formation: Penn Coals
Designate Type of Completion:	Elevation: Ground: 946' Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 1365' Plug Back Total Depth: 1357'
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 43 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 to sx cmt.
Well Name:	
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan AFTWISISO 9 (Data must be collected from the Reserve Ait)
Deepening Re-perf Conv. to Enhr./SWD	· ·
Plug Back Plug Back Total Depth	Chloride content NA ppm Fluid volume 140 bbls
Commingled Docket No.	Dewatering method used Empty w/ vac trk and air dry
Dual Completion	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name: Dart Cherokee Basin Operating Co., LLC
	Lease Name: Porter et al D1-9 SWD License No.: 33074
10-31-07	Quarter_SW_Sec. 9 Twp. 30 S. R. 15 ✓ East West
Recompletion Date Recompletion Date Recompletion Date	County: Wilson Docket No.: D-28773
Kansas 67202, within 120 days of the spud date, recompletion, workow 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 logs TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells	
herein are complete and correct to the best of my knowledge.	ate the oil and gas industry have been fully complied with and the statements
Les Siajours	V00 055 11 0.11.V
Signature	KCC Office Use ONLY
Title: Engr Clerk Date: 2-21-08	Letter of Confidentiality Attached
Subscribed and sworn to before me this 21 day of Februar	If Denied, Yes Date:
20 08	Wireline Log Received
Notary Public: Brandy R. allock	Geologist Report Received RECEIVED UIC Distribution KANSAS CORPORATION COMMISSION
Date Commission Expires: BRANDY BALLOCK	FER 2.5 2008
Notary Tuesday	
My Commission Expires March 05, 2011	CONSERVATION DIVISION WICHITA, KS

CONSERVATION DIVISION WICHITA, KS

37

	irt Cherokee Bas 29 _{S. R.} 15	in Operating Co., LLo ✓ East West	CLease Name:_ County: _Wils			Well #: _B4	-25	
ested, time tool ope emperature, fluid re	n and closed, flowing covery, and flow rate	and base of formations pe g and shut-in pressures, s if gas to surface test, a final geological well site r	whether shut-in pre long with final char	essure reached s	tatic level, hydro:	static pressur	es, bottom hole	
Orill Stem Tests Take		☐ Yes ✓ No	L	og Formatio	n (Top), Depth ar	nd Datum	✓ Sample	
Samples Sent to Ge	•	☐ Yes ✓ No	Nam	e		Тор	Datum	
ores Taken		Yes ✓ No	See	Attached				
lectric Log Run (Submit Copy)		✓ Yes No		•		- 01110	ENTIAI	
st All E. Logs Run:	·					CONFID	1 2008	
	Compensated D	ensity Neutron &						
Oual Induction						K	CC	
		CASING I Report all strings set-co			on, 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	
Su	rf 11"	8 5/8"	24#	43'	Class A	8	7.00.0,100	
Pro	d 6 3/4"	4 1/2"	9.5#	1359'	Thick Set	140	See Attached	
					· · · · · · · · · · · · · · · · · · ·			
		ADDITIONAL	CEMENTING / SQL	JEEZE RECORD				
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used		Type and Pe	rcent Additives		
Shots Per Foot		ON RECORD - Bridge Plugs Footage of Each Interval Perfo		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth				
6		982.5' - 9	84' / 965.5' - 967'	967' 100 gal 15% HCl, 5030# sd, 10 ball sealers, 190 BBL fl				
6			850' - 852.5'	- 852.5' 100 gal 15% HCl, 5055# sd, 110 BBL fl				
6	· · · · · · · · · · · · · · · · · · ·		738.5' - 740'	1	50 gal 15% HCI	, 205# sd, 30	BBLfl	
UBING RECORD	Size 2 3/8"	Set At 1171'	Packer At NA	Liner Run	Yes ✓ No			
	Production, SWD or En	hr. Producing Metho	od Flowing	√ Pumping	Gas Lift	Othe	r (Explain)	
estimated Production Per 24 Hours	Oil I		Mcf Wate	r Bbls	s. Ga	s-Oil Ratio	Gravity NA	
Disposition of Gas	METHOD OF C	OMPLETION		Production Interva	l			
Vented Sold	Used on Lease	Open Hole	Perf. D	ually Comp.	Commingled		RECEIVED RPORATION COMMIS	

McPherson Drilling LLC Drillers Log

 Rig Number:
 1
 S. 25
 T. 29
 R. 15E :

 API No.
 15- 205-27308
 County:
 WILSON

 Elev.
 946
 Location:
 SW SE NE

Operator:

Dart Cherokee Basin Operating Co. LLC

Address:

211 W Myrtle

Independence, KS 67301

Well No:

B4-25

Lease Name:

FRANKENBERY

Footage Location:

3050

ft. from the

South Line

860

ft. from the

East Line

Drilling Contractor:

McPherson Drilling LLC

Spud date: Date Completed: 10/31/2007 11/2/2007 Geologist:

Total Depth: 1365

Rig Time: Casing Record Production Surface 11" 6 3/4" Size Hole: 8 5/8" Size Casing: Weight: 20# Setting Depth: 43 McPherson Type Cement: **Portland** Driller: ANDY COATS 8 McPherson Sacks:

CONFIDENTIAL FEB 2 1 2008 KCC	
Comments:	
Start injecting @	

Gas Tests:

	Well Log										
Formation	Тор	Btm.	Formation	Тор	Btm.	Formation	Тор	Btm.			
soil	0	1	coal	911	912						
lime	1	93	shale	912	930						
shale	93	212	coal	930	931						
coal	212	213	shale	931	1114						
shale	213	228	coal	1114	1115						
wet sand	228	257	shale	1115	1195						
shale	257	312	coal	1195	1197						
lime	312	331	shale	1197	1210						
shale	331	352	Mississippi	1210	1365						
lime	352	399			f						
shale	399	528				1					
lime	528	557									
shale	557	618	}								
ime	618	649	•								
shale	649	740									
pink	740	770	1								
olack shale	770 🕆	773				İ					
shale	773	808	l		ŧ.						
swego	808	833									
summit	833	838									
swego	838	853			*		RECEIN	/FD			
nulky	853	860			4	KANSAS	CORPORATIO	N COMMISS			
swego	860	865					TED 2 F	2000			
hale	865	911					FEB 25	ZUUX			
		- · · · · · · · · · · · · · · · · · · ·				cc	NSERVATION WICHITA,	DIVISION			

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

TICKET NUMBER_	<u>!</u>	12779
LOCATION Euro	cka.	
FOREMAN TOY	Stri	ckler

TREATMENT REPORT & FIELD TICKET CEMENT

DATE	CUSTOMER#	WEL	L NAME &	NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-2-07	2368	Franken	Bery	84-25				Wilson
CUSTOMER			7			拉尔德斯 亚伊斯岛	er in Albania	± 4
Dart C	herokee Ra	[/a			TRUCK #	DRIVER	IRUCK# A	DRIVER
MAILING ADDR	ESS				463	Kule CO	VEIDEN TIA	
211 10	Myrthe				515	Jerid F	ER 2 1 2008	
CITY		STATE	ZIP CODE					
Indepen		Us	6730				KCC	
	gestring	HOLE SIZE	634.	HOLE DEP	TH/365'	CASING SIZE & W	EIGHT 4#	9.50 How
CASING DEPTH	1359'	DRILL PIPE	<u></u>	TUBING			OTHER	
SLURRY WEIGH	IT_/7.2#	SLURRY VOL	43 RM	WATER ga	l/sk_8°	CEMENT LEFT in	CASING O'	
DISPLACEMENT	AT				1100 8-0 14			
REMARKS: 5	efety Mod	ine! Ria u	a to 4	2" Cesin.	Break Cira.	letin u/2	Al Luck	<u>r. </u>
						ORY SOOD		
12/AU D	ve water	Mixed	1400	4 Thick	Set Com	ent w/ 8	# Kol- 50%	@ 13.24
						skee w/ 3		
						100 RT LA		
						to surface		
to P.								
		Coolet	<u> </u>					
		7	7					

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401		PUMP CHARGE	8000	£40.00
SYOL	40	MILEAGE	3.30	/32 w
1126A	140545	Thick Set Gement	15.40	2150.00
IIIDA	1120#	Kol-Seal 8# Acts	.36	42540
IIIBA	300∜	Gel- Fkuh	.150	45-20
1105	50♥	Hulls	.36#	AE.90
5407		Ton - Mikege Bulk Track	ME	2850
4404		45. Top Rubber Aug	40.00	40 00
1143	1941		35.85	25.55
1140	294/	RECEIVED RANSAS CORPORATION COMM	AISSION LAT	17.10
		FEB 2,5 2008		
		CONSERVATION DIVISIO	M	
ę		That to WICHIIA, KS		i i
			F-A PM	must.
		0.000	SALES TAX	HT 18

AUTHORIZATION 45

のできた。 これのできたのできた。 19 mmのできた。 19 mmのできたが、 19 mmのできた。
918018

TOTAL

4199.48

TITLE_

DATE_

4199,48