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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 - 125-30470-00-00
Name: Dart Cherokee Basin Operating Co., LLC	County: Montgomery
Address: P O Box 177	
City/State/Zip: Mason MI 48854-0177	3300' FSL feet from S / N (circle one) Line of Section
Purchaser: Oneok	400' 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 RECEIVED	Lease Name: Brewer Well #: B4-4
License: 5675 MAY 0 7 2004	Field Name: Cherokee Basin Coal Gas Area
Wellsite Geologist: Bill Barks	Producing Formation: Penn Coals
Designate Type of Completion: KCC WICHITA	Elevation: Ground: 789' Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 1357' Plug Back Total Depth: 1353'
Oil SWD SIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 21' 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: OriginalTotal Depth:	Drilling Fluid Management Plan ALT#2 KJR 6/01/0 (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride contentppm Fluid volumebbls
Plug BackPlug Back Total Depth	Dewatering method used
Commingled Docket No	
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
3-11-04 3-15-04 3-22-04	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.:
Kansas 67202, within 120 days of the spud date, recompletion, workown information of side two of this form will be held confidential for a period of	th the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, ver or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 12 months if requested in writing and submitted with the form (see rule 82-3-s and geologist well report shall be attached with this form. ALL CEMENTING s. Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regunerein are complete and correct to the best of my knowledge.	late the oil and gas industry have been fully complied with and the statements
Signature: Beth Oswald	KCC Office Use ONLY
Title: Admn FEngr Asst Date: 5-5-04	Letter of Confidentiality Attached
Subscribed and sworn to before me this 5th day of May	If Denied, Yes Date:
υ ο υμ	Wireline Log Received
Notary Public: * Con FS Woodton Raren L. Welton	Geologist Report Received
Matam Dublia Inabam Cause	UIC Distribution
Date Commission Expires: Notary Public, Ingham County My Comm. Expires Mar. 3.	



Operator Name: Da	art Cherokee Basi	n Opera	ating Co., LL	Lease	e Name:_	Brewer		Well #: _B4	-4
Sec. 4 Twp	33 s. R. 15	✓ Eas	st West	Count	y: Mon	tgomery			
tested, time tool ope temperature, fluid re	Show important tops a en and closed, flowing ecovery, and flow rates gs surveyed. Attach f	and shus if gas to	t-in pressures, v surface test, a	whether so	hut-in pre	ssure reached s	tatic level, hydros	tatic pressur	es, bottom hole
Drill Stem Tests Take		Y	∕es ✔ No		L	og Formatio	n (Top), Depth an	d Datum	✓ Sample
Samples Sent to Ge	ological Survey	□ Y	′es ✔ No		Name Top Da			Datum	
Cores Taken		Y	′es ✔ No		See	Attached			
Electric Log Run (Submit Copy)		VY	es No		RECEIVED			D	
List All E. Logs Run:							MAY	/ 0 7 200	L
High Resolution Dual Induction	Compensated De	ensity N	eutron &					WICH	
		Repo	CASING F		Ne urface, inte	w Used rmediate, productio	on etc.	***************************************	
Purpose of String	Size Hole Drilled	Siz	ze Casing t (In O.D.)	Wei	ight	Setting	Type of	# Sacks	Type and Percent
Su		<u> </u>	8 5/8"	LDS.	/ FL	Depth 21'	Cement Class A	Used 5	Additives
Pro	od 6 3/4"		4 1/2"		9.5#	1353'	50/50 Poz	180	See Attached
			ADDITIONAL	CEMENTI	NG / SQU	EEZE RECORD			
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Туре	of Cement	#Sacks	Used		Type and Per	cent Additives	
Shots Per Foot	PERFORATION Specify F	N RECOR	RD - Bridge Plugs	Set/Type			ure, Shot, Cement Sount and Kind of Mate		d Depth
		7. 7. 12. 20		See At	tached				
							77.10		
							M110		
TUBING RECORD	Size	Set At	4	Packer A	t	Liner Run			
	2 3/8"	1320	יכ	NA	1		Yes ✔ No		
1	Production, SWD or Enl 4-24-04	nr.	Producing Metho	d	Flowing	✓ Pumping	Gas Lift	Othe	г (Explain)
Estimated Production Per 24 Hours	Oil E NA	bis.	Gas N	lcf	Water	Bbls	Gas	s-Oil Ratio	Gravity NA
Disposition of Gas	METHOD OF CO	MPLETIO				Production Interva	l		
Vented Sold (If vented, Su	Used on Lease umit ACO-18.)		Open Hole Other (Specify	Perf.	Di	ually Comp.	Commingled		

Dart Cherokee Basin Operating Co LLC #33074 Brewer B4-4 API #15-125-30470-00-00 SE NE Sec 4 T33S-R15E Attachment to ACO-1 Well Completion Form

Shots Per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	1189'-1190'	300 gal 10% HCl, 1670# sd, 215 BBL fl	
4	1132.5'-1133.5'	300 gal 10% HCl, 1685# sd, 220 BBL fl	
4	949'-951'	300 gal 10% HCl, 3085# sd, 275 BBL fl	
4	882'-884'	300 gal 10% HCl, 1715# sd, 215 BBL fl	
4	815'-816'	300 gal 10% HCl, 1080# sd, 140 BBL fl	
4	795'-797.5'	300 gal 10% HCl, 5265# sd, 380 BBL fl	

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MAY 0 7 2004
KCC WICHITA

McPherson Drilling LLC Drillers Log

 Rig Number:
 1
 S. 4
 T. 33
 R. 15

 API No.
 15- 125-30470-00-00
 County:
 MG

 Elev.
 789'
 Location:
 E/2 SE NE

Operator: Dart Cherokee Basin Operating Co. LLC

Address: 3541 CR 5400

Surface

11"

23#

8 5/8"

652

728

762

767

783

789

797

812

815

843

728 wet

762

767

783

789

797

812

815

847

843 oil

Independence, KS 67301

Well No: B4-4

Lease Name: Brewer

3300 ft. from the South Line

400 ft. from the East

Line

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MAY 0 7 2004

KCC WICHITA

Drilling Contractor: Spud date:

Footage Location:

McPherson Drilling LLC

3/11/2004

Geologist:

Rig Tirne:

Date Completed:

Casing Record

Size Hole:

Weight:

shale

Oswego

Summit

Mulky

shale

coal

sand

coal

2nd Oswego

3rd Oswego

Size Casing:

3/15/2004

Production

6 3/4"

Total Depth: 1357'

omments:	
tart injecting water @ 795'	

Gas Tests:

Setting Depth:	21'	McPherson				Comments:		
Type Cement: Sacks:	Portland 4	McPherson		4.		Start injecting	water @	795'
				Well Log				
Formation	Тор	Btm.	Formation	Тор	Btm.	Formation	Тор	Btm.
soil	0	- 10	sand shale	847	883			
shale	10	71	coal	883	886			
sand	71	92	shale	886	950			
lime	92	- 120	coal	950	953			
shale	120	397	sand shale	953	973 wet			
sand	397	407 no sho	lime	973	978			
shale	407	423	sandy shale	978	1016			
lime	423	449	lime	1016	1019			
sand/shale	449	468	sand shale	1019	1153			
lime	468	510	coal	1153	1156		1	
(wet) sand	510	550 no sho	shale	1156	1189			
sand shale	550	583	coal	1189	1193			
shale	583	631	shale	1193	1211			
lime	631	652 wet	Mississippi	1211	1357 TD			
			1 " -			I.		



211 W. 14TH STREET, CHANUTE, KS 66720 620-431-9210 OR 800-467-8676

TICKET NUMBER

23632

LOCATION Buille

3-16-01	STOMER ACCT # WI DBC WES	ELL NAME OTR/QTA	SECTION	TWP 33	RGE 15	COUNTY	FORMATIC
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MAILING ADDRESS			OWNER				
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CITY'& STATE			CONTRACTO)B			
ACCOUNT CODE	OHANTIMA						
	QUANTITY or UNITS	DESCRIPTION O	F SERVICES C	R PRODUC	T T	UNIT PRICE	TOTAL MOUNA
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88837

RECEIVED

CONSOLIDATED OIL WELL SERVICES, INC. 211 W. 14TH STREET, CHANUTE, KS 66720 620-431-9210 OR 800-467-8676

Training the second

MAY 0 7 2004

LOCATION 1029

TREATMENT REPORT

.:	10 200	h R. Villeder Some Willering
DATE	CUSTOMER #	1 1 1
3-16-18	2368	Roma
SECTION	TOWNSHIP	RANGE COUNTY
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CUSTOMER		not be to the the experience.
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TIME ARRIVED		e coi aceyeta maete:
		DATA
HOLE SIZE		PACKER DEPTH
TOTAL DEPTH	136720	PERFORATIONS (C. 141)
		SHOTS/FT
CASING SIZE	42	OPEN HOLE
CASING DEPTH	1363	
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TYPE OF TREATMENT

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	[*] ACID BREAKDOWN
PRODUCTION CASING	[] ACID STIMULATION
[] SQUEEZE CEMENT	[] ACID SPOTTING
[] PLUG & ABANDON	[] FRAC:
[] PLUG BACK	[] FRAC + NITROGEN
[] MISP. PUMP	[1]
[]OTHER	

PRESSURE LIMITATIONS: FOR THE

CONT. PURLICIPE.

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