ORIGINAL

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 - 125-30604-00-00
Name: Dart Cherokee Basin Operating Co., LLC	County: Montgomery
Address: P O Box 177	SE_NW_ NE Sec. 14 Twp. 32 S. R. 15 V East West
City/State/Zip: Mason MI 48854-0177	4000' FSL feet from S / N (circle one) Line of Section
Onook	1700' FEI
Operator Contact Person: Beth Oswald	Footages Calculated from Nearest Outside Section Corner: (circle one) NE SE NW SW
Phone: (<u>517</u>) <u>244-8716</u>	(circle one) NE SE NW SW
Contractor: Name: McPherson	Lease Name: Sullivan Well #: A3-14
icense: 5675	Field Name: Cherokee Basin Coal Gas Area
Contractor: Name: McPherson License: 5675 Wellsite Geologist: Bill Barks	Producing Formation: Penn Coals
Designate Type of Completion:	Elevation: Ground: 799' Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 1306' Plug Back Total Depth: 1303'
Oil SWD SIOWTemp. Abd.	24
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
f Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth to w/sx cmt.
Well Name:	
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan (1) # # KYK 6/21/1/
Deepening Re-perf Conv. to Enhr.	
Plug BackPlug Back Total De	Official Content
Commingled Docket No	Dewatering metriod used
Dual Completion Docket No	Location of hid disposal if hadied offsite.
Other (SWD or Enhr.?) Docket No.	Operator Name:
	Lease Name: License No.:
8-19-04 8-23-04 8-31-0 Spud Date or Date Reached TD Completion D	04 Quarter SecTwp. S. R East West
Recompletion Date Recompletion	Date County: Docket No.:
Kansas 67202, within 120 days of the spud date, recomplet Information of side two of this form will be held confidential for 107 for confidentiality in excess of 12 months). One copy of all v	be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, ion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. a period of 12 months if requested in writing and submitted with the form (see rule 82-3-wireline logs and geologist well report shall be attached with this form. ALL CEMENTING lugged wells. Submit CP-111 form with all temporarily abandoned wells.
	ted to regulate the oil and gas industry have been fully complied with and the statements
perein are complete and correct to the best of my knowledge.	
Signature: Both asward	KCC Office Use ONLY
Title: Admn & Engr Asst Date: 12-1-	Letter of Confidentiality Attached
Subscribed and sworn to before me this 15t day of Dece	
	Wireline Log Received
10 Eug 7 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Geologist Report Received
lotary Public: Yathan & 4 polton	UIC Distribution
	WELTON ic - Michigan
Contract of the Inchange of th	a County
My Commission E Acting in the Co	expires Mar 3, 2007 ounty of Ingham

Operator Name: Dart C	Cherokee Basin	Opera	ting Co., LLC	Lease	e Name:	Sullivan		Well #: A3-	14	
Sec. 14 Twp. 32	_s. R. <u>15</u>	✓ Eas	t West	Count	_{y:} <u>Mont</u>	gomery	,			
NSTRUCTIONS: Show ested, time tool open at emperature, fluid recove flectric Wireline Logs st	nd closed, flowing ery, and flow rates	and shut if gas to	in pressures, v surface test, al	whether song with	hut-in pre	ssure reached st	atic level, hydros	tatic pressure	es, bottom	hole
Orill Stem Tests Taken (Attach Additional She	eets)	☐ Ye	es ✓ No		Lo	og Formation	n (Top), Depth and	d Datum	✓ Sa	ample
amples Sent to Geolog	ical Survey	□ Ye	es ✓ No		Name	Э		Тор	Da	atum
ores Taken	•	— Ye	es ✓ No		See	Attached				
lectric Log Run (Submit Copy)		✓ Ye	es No							
ist All E. Logs Run:								REC	En.	
High Resolution Co Dual Induction	mpensated De	nsity N	eutron &				A	PEC O	6 2004	7
**************************************	,	Repoi	CASING F		Ne urface, inte	w Used rmediate, productio	on, etc.		MITA	
Purpose of String	Size Hole Drilled		te Casing t (In O.D.)	Wei	ight / Ft.	Setting Depth	Type of Cement	# Sacks Used		d Percent litives
Surface Prot	11"		8 5/8"		24#	21'	Class A	6		
Prod 6 3/4"		4 1/2"		10.5#		1303'	50/50 Poz	175	See Att	ached
			ADDITIONAL	CEMENTI	NG / SQU	EEZE RECORD				
Purpose: —— Perforate —— Protect Casing —— Plug Back TD —— Plug Off Zone	Depth Top Bottom	Туре	of Cement	#Sacks	s Used		Type and Per	cent Additives		
Shots Per Foot			RD - Bridge Plugs Each Interval Perf				ure, Shot, Cement S		d	Depth
4				1106.5'-	1109.5'	09.5' 300 gal 10% HCl, 4520# sd, 350 BBL fl				
4				93	37'-940'	500 gal 10% HC	i, 9 ball sealers, 3	3740# sd, 370	BBL fl	
4				852.5	'-854.5'	300 gal	10% HCI, 1650)# sd, 245	BBL fl	
4	. //// 1137-1149			786.5	'-787.5'	300 gal	10% HCI, 1120)# sd, 210	BBL fl	
4			· · · · · · · · · · · · · · · · · · ·	76	5'-768'	-768' 300 gal 10% HCl, 6015# sd, 390 BBL fl				
TUBING RECORD	Size 2 3/8"	Set At 126	5'	Packer / NA	i	Liner Run	Yes ✓ No			
Date of First, Resumed Pro	oduction, SWD or Enh	hr.	Producing Metho	od	Flowing	✓ Pumping	Gas Lift	Othe	er (Explain)	
Estimated Production Per 24 Hours	Oil B	lbis.		Mcf	Wate		s. Ga	s-Oil Ratio		Gravity
Disposition of Gas	METHOD OF CO	OMPLETIC	17 DN			55 Production Interven	al .	NA		NA

McPherson Drilling LLC **Drillers Log**

Rig Number: S. 14 T. 32 R. 15 15- 125-30604 API No. County: Montgomery Elev. 799' Location:

Dart Cherokee Basin Operating Co. LLC Operator:

Address: 3541 CR 5400

Independence, KS 67301

Well No: A3-14

Footage Location:

Lease Name: Sullivan

4000 ft. from the South Line

1700 ft. from the East Line

Drilling Contractor: McPherson Drilling LLC

Spud date:

8/19/2004

Geologist:

Date Completed:

8/23/2004

Total Depth: 1306'

Casing Record			Rig Time:				
	Surface	Production					
Size Hole:	11"	6 3/4"					
Size Casing:	8 5/8"						
Weight:	20#						
Setting Depth:	22'	McPherson					
Type Cement:	Port						
Sacks:	4	McPherson	Driller - Andy Coats				

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	r
Comments:	
start injecting @ 40	0'
	···

Gas Tests:

				Well Log				
Formation	Тор	Btm.	Formation	Тор	Btm.	Formation	Тор	Btm.
soil	0	,2	shale	788	811		-	
sand	2	22	coal	811	812			
sand shale	22	43	sand shale	812	853			
shale	43	100	coal	853	854			
lime	100	111	shale	854	872			
shale	111	116	sand shale	872	921			
lime	116	125	coal	921	922			
shale	125	218	shale	922	1009			
sand	218	257 wet-	coal	1009	1011	7,	ECE.	•
shale	257	282 no sho	sand shale	1011	1101	Dr.	-0E/N	(ED 04 ITA
lime	282	302	coal	1101	1103	UE	0 6 20	'n.
shale	302	403	shale	1103	1138	KCC]Aee -	<i>y</i> 4
lime	403	478	coal	1138	1140		$A_{h}CH_{h}$	TA
sand shale	478	530	shale	1140	1151		•	
sand	530	599	Mississippian	1151	13 0 6 TD			
pink lime	599	618						
shale	618	699	٠.					
Oswego	699	735						
Summit	735	739						
2nd Oswego	739	749						
Mulky	749	765						
3rd Oswego	765	769						
shale	769	787						
coal	787	788					.*	

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

TICKET NUMBER	1723
LOCATION Bart	esuille.
FOREMAN Trock	1.Williams

TREATMENT REPORT & FIELD TICKET

*				CEMEN	IT			
DATE	CUSTOMER#	WE	LL NAME & NUMI	BER	SECTION	TOWNSHIP	RANGE	COUNTY
8-24-04	2368	Sulliva	n A3-	14	14	325	15 E	Montgome
CUSTOMER	-							שי
MAILING ADDRE	<u> </u>		· · · · · · · · · · · · · · · · · · ·	1	TRUCK#	DRIVER	TRUCK #	DRIVER
	AMM 3			!	9 (8	2/2 m		
CITY		STATE	ZIP CODE		391.	ROPPA		1 4 6
· · ·		·		,	428	Vanny		
·	/ 		1 3/1	j 	1309		/160	
JOB TYPE <i></i> CASING DEPTH_		HOLE SIZE	674	HOLE DEPTH	7301	CASING SIZE & V	-	/0.3
SLURRY WEIGHT	· ·	DRILL PIPE	1. 3.1. 13.	TUBING			OTHER	
•	A A A	SLURRY VOL		WATER gal/sl		CEMENT LEFT in	CASING	
DISPLACEMENT	δ 1.4	DISPLACEMEN	$\sim 10^{-1}$	MIX PSI) / -	RATE	101	1 7 1
REMARKS:		tael wi		, - 4	766) water	113		hile breaking
21 Roylati	6) , , , , , ,	1775 514	7. N	10	OZMIX WI	V 6 (V)	n. to 565	alt 23 ge
7-4-7-0	1. J. S. S. J. J. S. S. J. J. S.	ppg. 21	INT HOWK	C 10 1	d and behi	1 / 0	1	Dlug To
sollom a	-3e7 5hc	ما مرد عر	(1, n, 1)	C) 8CMIO	Ter 100E	17 Cemen	t Slurry	TODIY.
			<u> </u>			41 (7)		· · · · · · · · · · · · · · · · · · ·
		1					and the second	
		<u> </u>	<u> </u>	;				
						- (<u> </u>		
			· .			- 2		
ACCOUNT CODE	QUANITY (or UNITS	DE:	SCRIPTION of	SERVICES or PRO	DUCT 5	UNIT PRICE	TOTAL
5401			PUMP CHARGE	Prod	action C	acina		210,00
5406	45	:	MILEAGE	<u>, , , , , , , , , , , , , , , , , , , </u>	<u> </u>	3		105 15
							ngtar	
1105	25	ks	Catte	nseed	Hulls	 	- Ages.	27.20
1102	35.	1	1	eal		, S. J	A. A.	120,00
1110	1851		Gilson	5" [•			366,30
1111	450#			lated So	a 14	Dr.		117.00
1186	50k		Premi		1	C	SIVED	62.00
1123	2,500	3001	City	Wate	7	DECO		1
4404	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		. 11 6, /	2. ()	PI.	DEC DE	2004	28.15
	1/2	[ubber	Plug	July Street	Lin	35,00
1205	1-0	gal sks	Must	SACEI			ATI	35.48
1824	108		50/50		- `\			31,50
7 8 3.	7200	<u> </u>	30/30	70211	1) X	<u> </u>		1207,50
		·						
550/C			10000	part	Ricks T.	CO = 70= 87	-	
55020	3/2 h	٥ <	80 V	20. /	10105 11	ANSPORT		212 0
5401	mih		Ton /Y	1/2-0				2)3.0
- 101	7777	<u> </u>	1 1 1 1 1 1	11EQG	<u> </u>	5,3%	CALECTAV	225.00
<u></u>		7		·-·		3,36	SALES TAX ESTIMATED	104.08
/	21/20 /	MA	ENT		•	Pa	TOTAL	3448.56