### KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999 Form Must Be Typed

## WELL COMPLETION FORM

**WELL HISTORY - DESCRI** 

PTION OF WELL & LEASE  VCC WICHTA
ACC AAIO
API No. 15 - 125-30830-00-00
County: Montgomery
<u>NE_SW_NE_SE</u> Sec. 23 Twp. 32 S. R. 15 ▼ East West
1800' FSL feet from S / N (circle one) Line of Section
720' FEL feet from E / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: S&L Schabel Well #: C4-23
Field Name: Cherokee Basin Coal Gas Area
Producing Formation: Penn Coals
Elevation: Ground: 829' Kelly Bushing:
Total Depth: 1366' Plug Back Total Depth: 1356'
Amount of Surface Pipe Set and Cemented at 42' Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth setFeet
If Alternate II completion, cement circulated from 1363
feet depth to w/sx cmt.
feet depth to 0 w/ 140 sx cmt.  ###################################
Drilling Fluid Management Plan (Data must be collected from the Reserve Plt)
Chloride content NA ppm Fluid volume 450 bbls
Dewatering method used empty w/ vac trk and air dry
Location of fluid disposal if hauled offsite:
Operator Name: Dart Cherokee Basin Operating Co LLC
Lease Name: Butler A1-26 SWD License No.: 33074
Quarter NW Sec. 26 Twp. 33 S. R. 14 ✓ East West
County: Montgomery Docket No.: D-27878
•
the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, or 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 Submit CP-111 form with all temporarily abandoned wells.
te the oil and gas industry have been fully complied with and the statements

Address: P O Box 177 City/State/Zip: Mason MI 48854-0177 Purchaser: Oneok Operator Contact Person: Beth Oswald Phone: (517) 244-8716 Contractor: Name: McPherson License: 5675 Wellsite Geologist: Bill Barks Designate Type of Completion: \_\_\_\_ New Well \_\_\_\_\_ Re-Entry \_\_\_\_ Workover \_\_\_\_ Oil \_\_\_\_\_ SWD \_\_\_\_\_ SIOW \_\_\_\_\_Temp. Abd. ✓\_ Gas \_\_\_\_ ENHR \_\_\_\_ SIGW \_\_\_\_ Other (Core, WSW, Expl., Cathodic, etc) \_\_\_\_\_ Dry If Workover/Re-entry: Old Well Info as follows: Operator: \_ Original Comp. Date: Original Total Depth: \_\_\_Re-perf. \_\_\_\_Conv. to Enhr./SWD \_\_\_\_\_ Deepening \_\_\_\_ Plug Back\_ \_\_Plug Back Total Depth \_\_\_\_ Commingled Docket No.\_\_\_ \_\_\_ Dual Completion Docket No.\_\_\_ \_\_\_\_ Other (SWD or Enhr.?) Docket No.\_ 8-22-05 8-23-05 9-14-05 Date Reached TD Completion Date or Spud Date or Recompletion Date Recompletion Date

Operator: License # 33074

Name: Dart Cherokee Basin Operating Co., LLC

INSTRUCTIONS: An original and two copies of this form shall be filed with Kansas 67202, within 120 days of the spud date, recompletion, workove 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 TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil	oil and gas industry have been fully complied with and the statements
nerein are complete and correct to the best of my knowledge.	

herein are complete and correct to the best of my knowledge.	
Signature: Beth Oswald	KCC Office Use ONLY
Title: Admn Fengr Asst Date: 12-1-05	Letter of Confidentiality Attached
Subscribed and sworn to before me this 15th day of December,	If Denied, Yes Date:
	Wireline Log Received
20 <u>C5</u>	Geologist Report Received
Notary Public Horson & Haboton KAREN L. WELTON	UIC Distribution
Date Commission Expires: Notary Public - Michiga Ingham County	in
My Commission Expires Mar 3 Acting in the County of Ing	3, 2007
Acting it the County of Ing	nam

Operator Name: Dart	Cherokee Basin	Operati	ng Co., LLC	Lease	Name:	S&L Schabel		Well #: _C4-	-23	
Sec. 23 Twp. 32	s. <sub>R.</sub> 15	✓ East	West	County	<sub>/:</sub> Mon	tgomery				
INSTRUCTIONS: Show tested, time tool open a temperature, fluid recove Electric Wireline Logs s	and closed, flowing very, and flow rates	and shut-i if gas to s	n pressures, v urface test, al	whether shong with f	nut-in pre	essure reached st	atic level, hydros	tatic pressure	es, botton	n hole
Drill Stem Tests Taken (Attach Additional Sh	eets)	Yes	s ✓ No		L	og Formation	n (Top), Depth an	d Datum		ample
Samples Sent to Geolo	gical Survey	Yes	s ✓ No		Name Top			Тор	D	atum
Cores Taken		Yes	s ✓ No		See	Attached				
Electric Log Run (Submit Copy)		✓ Yes	s No					Source, It of Manager Proofers		
List All E. Logs Run:								EIVED		
_							DEC	0 6 2005		
High Resolution Control  Dual Induction	ompensated De	nsity Ne	utron &				KCCV	VICHIT.	Ά	
		Report	CASING F		Ne Irface, inte	ew Used ermediate, productio	on, etc.		***************************************	
Purpose of String	Size Hole Drilled		Casing In O.D.)	Weig Lbs.		Setting Depth	Type of Cement	# Sacks Used		nd Percent ditives
Surf	11"		8 5/8"		24#	42'	Class A	8		
Prod	6 3/4"		4 1/2"		10.5#	1363'	Thick Set	140	See At	tached
			ADDITIONAL	CEMENTI	VG / SQL	JEEZE RECORD			,	
Purpose:	Depth Top Bottom		pe of Cement #Sacks Used			Used Type and Percent Additives				
Perforate Protect Casing Plug Back TD Plug Off Zone										
Flug On Zone										
Shots Per Foot	PERFORATIO	N RECORD	- Bridge Plugs	s Set/Type		Acid, Fracti	ure, Shot, Cement S	queeze Recor	d	
Onote Fer Foot	Specify Fo	otage of Ea	ach Interval Perf			(Amo	ount and Kind of Mate	rial Used)		Depth
4				1041	'-1045' 300 gal 15% HCl, 1190# sd, 325 BBL fl					
4					5'-987.5' 400 gal 15% HCl, 27 bio-balls, 2245# sd, 350 BBL fl			**************************************		
4	· · · · · · · · · · · · · · · · · · ·			893.	3.5'-895' 300 gal 15% HCL, 1405# sd, 210 BBL fl					
4				82	29'-830' 600 gal 15% HCI					
4	0	0-144			8'-811'		15% HCI, 2245	# sd, 260	BBL fl	
TUBING RECORD	Size 2 3/8"	Set At 1227'	•	Packer A NA	τ	Liner Run	Yes ✓ No			
Date of First, Resumed Pr	oduction, SWD or Enh	r. F	Producing Metho	od	Flowing	g ✓ Pumping	Gas Lift	Othe	er (Explain)	
Estimated Production		ols.	Gas M	Mcf	Wate			s-Oil Ratio	. (	Gravity
Per 24 Hours	NA		0			26		NA		NA
Disposition of Gas	METHOD OF CO	MPLETION	1			Production Interva	ı			
Vented Sold (If vented, Sumit	Used on Lease t ACO-18.)		Open Hole Other (Specify	Perf.	C	Dually Comp.	Commingled			

## McPherson Drilling LLC Drillers Log

 Rig Number:
 1
 S. 23
 T. 32
 R. 15
 E

 API No.
 15 125-30830
 County:
 MG

 Elev.
 829'
 Location:

Operator:

Dart Cherokee Basin Operating Co. LLC

Address:

211 W. Myrtle

Independence, KS 67301

Well No:

C4-23

Surface

11"

20#

43'

8 5/8"

Lease Name:

S & L Shcabel

Footage Location:

1800 ft. from the

South Line

720 ft. from the East

Line

Drilling Contractor:

**McPherson Drilling LLC** 

Spud date:

8/22/2005

Geologist:

Date Completed:

**Casing Record** 

Size Hole:

Weight: Setting Depth:

Sacks:

Size Casing:

Type Cement:

8/24/2005

Production

McPherson

6 3/4"

Portland McPherson

Total Depth: 1366

	Rig Time:
	1 day booster
	1 hr blowing out hole 8/24/05
	Driller - Andy Coats
1	

Comments:	
start injecting water @	1004

Gas Tests:

	Well Log									
Formation	Тор	Btm.	Formation	Тор	Btm.	Formation	Тор	Btm.		
soil	0	4	coal	890	892			<del></del>		
sand	4	32	shale	892	963					
shale	32	265	coal	963	965					
black shale	265	270	shale	965	983					
shale	270	405	coal	983	985					
black shale	405	410	shale	985	1053					
sand shale	410	439 wet	coal	1053	1055					
lime	439	462	shale	1055	1165					
shale	462	485	coal	1165	1167					
lime	485	500	shale	1167	1214					
shale	500	626	Mississippi	1214	1366 TD					
coal	626	628			•					
pink lime	628	658		RECEIV	ED					
shale	658	738								
oswego	738	768		DEC 062						
summit	768	770	K	CC WIC	HITA					
oswego	770	800	1 1/1	OC VAIO	8 8 8 8 <i>9 %</i>					
mulky	800	808								
oswego	808	815								
shale	815	825								
coal	825	827								
shale	827	857								
coal	857	859								
shale	859	890								

TICKET NUMBER	5242
LOCATION EUREKA	
EODEMAN -Kanne MS	Cont

# TREATMENT REPORT & FIELD TICKET CEMENT

DATE	CUSTOMER #	W	ELL NAME & NUV	IBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-25-05	2368	5\$2 5	Chabel #C	4-23	23	325	ISE	MG
CUSTOMER	ART CheRo.	10- 00						
MAILING ADDR	PESS	KEE BAS	<u>~~</u>	C&C	TRUCK#	DRIVER	TRUCK#	DRIVER
				WELL	445	RICK		
3541	Co. Rd.	5400		Seevice	4/39	Justin		
CITY		STATE	ZIP CODE		436	JASON		
Indepe.	ndence	Ks	67301		, - 0	Gristia		
JOB TYPE 40	ngstring	HOLE SIZE_	63/4	HOLE DEPTH	1366	CASING SIZE & W	EIGHT 4/6	10,5 # NEW
CASING DEPTH	1364	DRILL PIPE_		_ TUBING			OTHER	
SLURRY WEIG	нт <i>/3,<sup>2 и</sup></i>	SLURRY VOI	43 BBL	WATER gal/sl	k_ <i>8</i> ,°	CEMENT LEFT in	CASING O	
DISPLACEMEN	T21.7B6L	DISPLACEMI	ENT PSI 900	MAK PSI 1-4/0	O Bump Pha	RATE		
REMARKS:	AFETY MICET	tino: M	19 UP TO 5	E CASING	. BREAK	CREULATION	1 W/ 35	BhL
TRESH	WATER. Pu	mp 45%	es bel th	15h w/ Hu	ills in BE	L frames	10 Bb1 2	FRESH
WATER	SPACER. N	11Xed 1	yo sks Th	uck set	Cement	w/ 8 + Kol-	Seal Por	KK (A)
13.2 #	per/9AL VI	ield 1.7:	3. WASh	out Pump	o & Lines	Shut dou	M Rele	ase Plus
DisplA	ce w/ 21.	7 BBC to	Resh WAX	er. FINA	L Pumaine	PRESSURE	900 BS/	Bump
Plug 1	6 1400 PS	1. WAIT	3 mmg	tes. Rel	ease Pers	sure. Float	T Weld	Short
LASING	1N (0) 0	PS1. 6	ood (eme	at Retu	ens to	SURFACE =	7 Bbl 5	1.001
Job &	Somplete	Rig doc	un.				r Not 3	JERY.
	,	7				***		

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICE	CES or PRODUCT	UNIT PRICE	TOTAL
5401		PUMP CHARGE		765.00	765.00
5406	36	MILEAGE		2.50	90.00
1126 A	140 5KS	Thick Set Cement		13.00	1820.00
1110 A	22 sks	KOL-SEAL	RECEIVED	16.90	371.80
1118 A	4 sks	Gel Flush	DEC 0 6 2005	6,63	26.52
1105	/ 5k	Hulls	CC WICHITA	14.50	14.50
5407	7. Tons	TON Milenge Balk 42 Top Rubbee Plug		MIC	240.00
1238	1 906	JOAP		38.00	38.00
1205	1 gal 2 gal	B1-Cide		32.15	32.15 48.36
5502 C	4 HRS	80 BBL VAC TRUCK		0-	202
1/23	3000 gals	City water		12.26 Per 12.26 Per	328.00 36.60
					No.
				Sub TOTAL	3810-87
	111	Thank You	5.3%	SALES TAX	122.380

AUTHORIZTION IN JOHN

199 DG3

STIMATED 3933.

DATE