

acting in tensham

## Kansas Corporation Commission Oil & Gas Conservation Division

ORIGINAL

4/24/10
Form ACO-1
September 1999
Form Must Be Typed

## WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33074	API No. 15 - 125-31381-00-00
Name: Dart Cherokee Basin Operating Co., LLC	County: Montgomery
Address: P O Box 177	N2 _ SW_ SE Sec. 36 Twp. 34 S. R. 14 🗸 East West
City/State/Zip: Mason MI 48854-0177	790' FSL feet from S/ N (circle one) Line of Section
Purchaser: Oneok	1980' FEL feet from E/ W (circle one) Line of Section
Beth Oswald	Footages Calculated from Nearest Outside Section Corner:
Phone: (517 ) 244-8716	(circle one) NE SE NW SW
Contractor: Name: McPherson CONFIDER	Lease Name: Smallwood Well #: D3-36
Phone: (517_) 244-8716  Contractor: Name: McPherson CONFIDENTIAL  License: 5675	Field Name: Cherokee Basin Coal Gas Area
Wellsite Geologist: Bill Barks	Producing Formation: Penn Coals
Designate Type of Completion:	Elevation: Ground: 880' Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 1650' Plug Back Total Depth: 1643'
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 43 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
Ory Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
	feet depth to sx cmt.
Operator:	
Well Name:Original Total Depth:	Drilling Fluid Management Plan Att INS 6-1209 (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content ppm Fluid volume bbls
Plug Back Plug 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	Lease Name: License No.:
1-24-08 1-28-08 2-26-08  Spud Date or Date Reached TD Completion Date or Recompletion Date  Recompletion Date	Quarter SECEIVED S. R. East West
Recompletion Date Recompletion Date	APR 2 8 2008
Kansas 67202, within 120 days of the spud date, recompletion, workov Information of side two of this form will be held confidential for a period of	the Kansas Corporder Ka
All requirements of the statutes, rules and regulations promulgated to regulnerein are complete and correct to the best of my knowledge.	ate the oil and gas industry have been fully complied with and the statements
Signature: Super Clerk Date: 4-24-08	KCC Office Use ONLY  Letter of Confidentiality Attached
interior de la companya de la compan	If Denied, Yes Date:
Subscribed and sworn to before me this 44 day of Horu	Wireline Log Received
20,08	Geologist Report Received
Notary Public Brandy R. alecock	UIC Distribution
	ALLCOCK
Date Commission Expires: 3-5-2011 BRANDY R. A Notary Public Jackson	County
My Commissi March 05,	on Expires 2011

NSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interventions steed, time tool open and closed, fining and shuthing measures, whether shuthing pressure canded static level, hydrostatic pressures, bottom hole emperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of clearing white fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of clearing white fluid recovery. Attach extra sheet if more space is needed. Attach copy of clearing white fluid recovery. Attach extra sheet if more space is needed. Attach copy of clearing white fluid recovery. Attach extra sheet if more space is needed. Attach copy of clearing white fluid recovery. Attach extra sheet if more space is needed. Attach copy of clearing white fluid recovery. Attach extra sheet if more space is needed. Attach copy of clearing white fluid recovery. Attach extra sheet if more space is needed. Attach copy of clearing white fluid recovery. Attach extra sheet if more space is needed. Attach copy of clearing white fluid recovery. Attach extra sheet if more space is needed. Attach copy of clearing the fluid recovery. Attach extra sheet if more space is needed. Attach copy of clearing the fluid recovery. Attach extra sheet if more space is needed. Attach copy of clearing the fluid recovery. Attach extra sheet if more space is needed. Attach copy of clearing the fluid recovery. Attach extra sheet if more space is needed. Attach copy of clearing the fluid recovery. Attach extra sheet if more space is needed. Attach copy of clearing the fluid recovery in the fluid recovery. Attach extra sheet if more space is needed. Attach copy of clear in the fluid recovery in the	Operator Name: Dart C	herokee Basir	n Operat	ing Co., LLC	Lease	Name: S	mallwood	1	Well #: _D3-	-36	
seted, time tool open and closed, flowing and shuf-in pressures, whether shuf-in pressures areached static level, hydrostatic pressures, bottem being and pressures, bottem being and pressures, bottem being and pressures, bottem being and pressures, whether shuf-in pressures and static level, hydrostatic pressures, bottem being and pressures, whether shuf-in pressures and static level, hydrostatic pressures, bottem being and pressures and pressure	•								· · · ·		
Name   Top   Datum	ested, time tool open ar emperature, fluid recove	nd closed, flowing ery, and flow rates	and shut- if gas to s	in pressures, v surface test, ale	vhether sh ong with fi	ut-in pres	sure reached sta	itic level, hydrost	atic pressure	es, botton	n hole
Samples Sent to Geological Survey		ats)	☐ Ye	s ✓ No		Lo	g Formation	(Top), Depth and	d Datum	√ S	ample
See Attached    See Attached   See Attached   See Attached	,	•	□ye	s √ No		Name			Тор	D	atum
RECEIVED  KANSAS CORPORATION COMMISSION  APR 2 8 2008  CASING RECORD New Used Compensated Density Negation & Conservation Commensated Density Negation & Conservation Commensation & Conservation Commensation & Conservation Commensation & Conservation Conservation & Conservati		icai oui vey				See A	Attached				
High Resolution Compensated Density New Transfer Commensation & APR 2 8 2008  CASING RECORD New Used WiCHTA, KS  CASING RECORD New Used WiCHTA, KS  Purpose of String Size Hole Set (In O.D.) Lbs. /Ft Depth Cement Used Additives  Surf 11" 8 5/8" 24# 43' Class A 8 Prod 6 3/4" 4 1/2" 9.5# 1644' Thick Set 170 See Attache  ADDITIONAL CEMENTING / SQUEEZE RECORD  Purpose: Depth Top Bottom Type of Cement #Sacks Used Type and Percent Additives  Protect Casing Production, Prince of Cement Top Bottom Type of Cement #Sacks Used Type and Percent Additives  Shots Per Foot Percoration RECORD - Bridge Plugs SetType Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)  Full String From the Perforated Perforated Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)  TUBING RECORD Size Set At 1429' - 1431' NA Yes / No  Date of First, Resumed Production, SWD or Enhr. 3-1-08 Producing Method Flowing / Pumping Gas Lift Other (Explain)  Part 24 Hours NA 3 Na NA NA NA	lectric Log Run										
APR 2 8 2008  CASING RECORD New Used Wichtra, KS  Purpose of String Size total Strings set conductor, surface, intermediate, production, etc.  Purpose of String Size total String State (along) Weight Set (in O.D.) Lbs. / Ft. Depth Cement Used Type and Perchaditives  Surf 11" 8 5/8" 24# 43' Class A 8  Prod 6 3/4" 4 1/2" 9.5# 1644' Thick Set 170 See Attache  ADDITIONAL CEMENTING / SQUEEZE RECORD  Purpose: Depth Top Bottom Type of Cement #Sacks Used Type and Percent Additives  ADDITIONAL CEMENTING / SQUEEZE RECORD  Purpose: Type and Percent Additives  ADDITIONAL CEMENTING / SQUEEZE RECORD  Purpose: ADDITIONAL CEMENTING / SQUEEZE RECORD  Type and Percent Additives  Type and Percent Additives  Depth Top Bottom Type of Cement #Sacks Used Type Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)  Depth Top Bottom Type of Cement #Sacks Used Type Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)  Depth Top Bottom Type and Percent Additives  TUBING RECORD Size Set At NA NA Yes / No  Date of First, Resumed Production, SWD or Enhr. 3-1-08  Estimated Production  Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravi NA NA NA NA			ido e(N.)io	Maron P				KANSAS (	RECEIV CORPORATION	ED COMMISS	SION
CASING RECORD New Used WICHTA, KS  Purpose of String Size Mole Ste (In O.D.) Weight Set (In O.D.) Purpose of String Ste (In O.D.) Size Casing Depth Set (In O.D.) See Attache  Purpose of String Size Mole Set (In O.D.) See (In O.D.) See Attache  Surf 11" 8 5/8" 24# 43' Class A 8  Prod 6 3/4" 4 1/2" 9.5# 1644' Thick Set 170 See Attache  ADDITIONAL CEMENTING / SQUEEZE RECORD  Purpose: Perforate Profect Casing Plug Back TD Plug Off Zone  Shots Per Foot Perforatory Footage of Each Interval Perforate (Amount and Kind of Material Used)  Shots Per Foot Size Set At 1641' NA Yes / No  Date of First, Resumed Production, SWD or Entr. 3-1-08  Production NA 3 NA  Production NA NA  Set Material Use (Fracture No.)  Flowing / Pumping Gas Lift Other (Explain)  Flowing / Pumping Gas Lift Other (Explain)  Flowing Pumping Gas Lift Other (Explain)  Per 24 Hours NA NA  NA NA	High Resolution Co Dual Induction	CONF CONF APR	PISHANGE 2 4 20	iggron &				A	PR 2 8 2	2008	
Purpose of String		TAL W	MOC	CASING F					I <mark>SERVATION D</mark> WICHITA, K	IVISION S	
Prod   6 3/4"   4 1/2"   9.5#   1644'   Thick Set   170   See Attache	Purpose of String		Size	e Casing	Weig	ght	Setting	Type of			
ADDITIONAL CEMENTING / SQUEEZE RECORD  Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone  Shots Per Foot  PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated  Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)  Dep  1429' - 1431'  3055# sd, 120 BBL ft  TUBING RECORD Size Set At 2 3/8" 1641' NA Yes  No  Date of First, Resumed Production, SWD or Enhr. 3-1-08  Production Per 24 Hours NA Sa Mcf Water Bbls. Gas-Oil Ratio Gravi NA NA NA NA	Surf	11"		8 5/8"		24#	43'	Class A	8		
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone  PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated  1429' - 1431'  TUBING RECORD Size 2 3/8" Set At 1641' NA Packer At NA	Prod	6 3/4"		4 1/2"		9.5#	1644'	Thick Set	170	See At	tached
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone  PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated  Flowing  TUBING RECORD Size 2 3/8"  Depth Top Bottom Type of Cement Type of Cement #Sacks Used  Type and Percent Additives  Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Dep  Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Perpose Foot Specify Footage of Each Interval Perforated  Flowing  TUBING RECORD Size 2 3/8"  1641' NA Yes No  Set No  Date of First, Resumed Production, SWD or Enhr. 3-1-08  Flowing Yemping Gas Lift Other (Explain)  Flowing NA				ADDITIONAL	CEMENTIN	NG / SQUI	EEZE RECORD				
Plug Off Zone  Shots Per Foot  PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated  Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)  Dep  1429' - 1431'  TUBING RECORD Size Set At Packer At Liner Run 2 3/8" 1641' NA  Perducing Method 3-1-08  Flowing Pumping Gas Lift Other (Explain)  Estimated Production Per 24 Hours  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	Perforate										
Shots Per Foot   Specify Footage of Each Interval Perforated   (Amount and Kind of Material Used)   Dep	Plug Back TD										
TUBING RECORD  Size  2 3/8"  1641'  NA  Set At  Packer At  NA  Yes  NO  Date of First, Resumed Production, SWD or Enhr. 3-1-08  Flowing  Flowing  Producing Method  Flowing  Pumping  Flowing  Pumping  Gas Lift  Other (Explain)  Set At  NA  NA  NA  NA  NA  NA  NA  NA  NA	Shots Per Foot									rd	Depth
2 3/8" 1641' NA Yes ✓ No  Date of First, Resumed Production, SWD or Enhr. 3-1-08  Estimated Production Per 24 Hours  Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravin NA NA  Resumed Production Per 24 Hours  Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravin NA NA  Resumed Production Production NA NA  Resumed Production Production NA NA  Producing Method Flowing ✓ Pumping Gas Lift Other (Explain)  Flowing ✓ Pumping Gas Lift Other (Explain)	6				1429	' - 1431'		30	055# sd, 120	O BBL fl	
2 3/8" 1641' NA Yes ✓ No  Date of First, Resumed Production, SWD or Enhr. 3-1-08  Estimated Production Per 24 Hours  Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravin NA NA  Resumed Production Per 24 Hours  Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravin NA NA  Resumed Production Production NA NA  Resumed Production Production NA NA  Producing Method Flowing ✓ Pumping Gas Lift Other (Explain)  Flowing ✓ Pumping Gas Lift Other (Explain)											
2 3/8"  Date of First, Resumed Production, SWD or Enhr. 3-1-08  Estimated Production Per 24 Hours  Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Graving NA  NA  NA  NA  NA  Producing Method Flowing ✓ Pumping Gas Lift Other (Explain)  Water Bbls. Gas-Oil Ratio Graving NA											
3-1-08  Flowing Pumping Gas Lift Other (Explain)  Estimated Production Per 24 Hours  Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravi  NA 3 8 NA NA		2 3/8"	1641		NA			Yes ✓ No			
Estimated Production Per 24 Hours  NA  Gas Mcf Water Bbls. Gas-Oil Ratio Gravi NA			nhr.	Producing Metho	oa	Flowing	✓ Pumping	Gas Lift	Oth	er ( <i>Explain</i> )	)
Dududies lateral	Estimated Production	Oil			Mcf	Water		s. Ga			Gravity
DISPOSITION OF GAS METHOD OF COMPLETION FROM COMPLETION	-								NA		NA
Vented / Sold Used on Lease Open Hole Perf. Dually Comp. Commingled	Disposition of Gas	METHOD OF C	OMPLETIC				_	_			

Rig Number: 2 S. 36 T. 34 R. 14E API No. 125-31361 County: MG Elev. 880 Location: N2 SW SE

Operator: Dart Cherokee Basin Operating Co. LLC

Address: 211 W Myrtle

Independence, KS 67301

Well No: D3-36

Lease Name: Footage Location: 790

**SMALLWOOD** ft. from the

1980

ft. from the

South Line

East Line

Drilling Contractor: Spud date:

McPherson Drilling LLC

1/24/2008

Geologist:

Date Completed:

1/28/2008

Total Depth:

1650

<b>Casing Record</b>			Rig Time:	
	Surface	Production		
Size Hole:	11"	6 3/4"CONFIE	MINTIAL	
Size Casing:	8 5/8"			
Weight:	20#		) 1, 2008	
Setting Depth:	43	McPherson 1/2		
Type Cement:	Portland	1/2	Driller:	NICK HILYARD
Sacks:	8	McPherson		

Gas Tests:	
-	
D=0	
	EIVED ATION COMMISSION
APR 2	8 2008
CONSERVA WICH	TION DIVISION IITA, KS
Comments:	_
Start injecting @	363

				Well Log				
Formation	Тор	Btm.	Formation	Тор	Btm.	Formation	Тор	Btm.
soil	0	3	lime	1016	1030			
clay	3	6	shale	1030	1036			
sand	6	12	coal	1036	1037			
shale	12	24	shale	1037	1061			
lime	24	26	coal	1061	1062			
shale	26	173	shale ·	1062	1201			
lime	173	231	coal	1201	1202			
shale	231	267	shale	1202	1423			
lime	267	325	coal	1423	1425			
shale	325	427	shale	1425	1487			
lime	427	449	coal	1487	1488			
shale	449	579	shale	1488	1500			
lime	579	581	Mississippi	1500	1650			
shale	581	622				1		
lime	622	653						
shale	653	719						
ime	719	769				İ		
shale	769	830						
oink lime	830	852						
shale	852	955						
oswego	955	978						
summit	978	986						
ime	986	1010	·					
mulky	1010	1016						

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

TICKET NUMBER 13526

LOCATION EUREKA

FOREMAN KEUN MECON

## TREATMENT REPORT & FIELD TICKET CEMENT

DATE	CUSTOMER#	WE	LL NAME & NUN	MBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-28-08	2368	Smallw	ood D3.	36				186
CUSTOMER	_							
DART	Cherokee	BASIN		Gus	TRUCK#	DRIVER	TRUCK#	DRIVER
MAILING ADDRE	ESS			Jones	445	Justin		
211 W	. myRtle				502	Heath		
CITY		STATE	ZIP CODE	7				
Independ	dence	Ks	67301					
JOB TYPE LOS	restring	HOLE SIZE_	634	HOLE DEPTH	/650°	CASING SIZE & W	EIGHT 4%	9.5
CASING DEPTH	, ,	DRILL PIPE	·	TUBING			OTHER	
		SLURRY VOL	SA BLL	WATER gal/sk 8 CEMENT LEFT in CASING 0'				
DISPLACEMENT	27 BbL	DISPLACEME	NT PSI <b>900</b>	PSI /4/00	Bump Hug	RATE		
REMARKS:	sty Meets	No: Rig 4	p to 4/2 C	Asma w/ C	wash Head.	BREAK CIRCU	letion up	to ALL
						Tush w/ Hull		
10 BL W	Aten Space	e. Shut a	lown. Rig	up Cemeni	t Head. M	1/xed 170 SA	S THICK.	Set Genert
w/8 4 K	oL-Seal 1.	sk @ 13.	2 / 906	rick 1.23	. wash ou	+ Rump & L	wes_ She	et down.
Robers P.	lug, Displa	ce w/ 27	BUL FRES	ch water.	FINAL PUR	noing Accession	re 900 As	1. Bump
Pho to	1400 PSI.	WAH'S M	mates. A	there Pre	SUR Flor	or Held. Sh	ut Casmy	IN @ O
As/. 6000	d Cement	Returns	to SURFA	rce = 6 &	BL Stupe	y to Pit.	lob Comp	Atte.
Rig down		CONF	IDEN 11 11					
		APR	2 4 2000					

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES o	r PRODUCT RECEIVED	UNIT PRICE	TOTAL
5401	/	PUMP CHARGE KAN	SAS CORPORATION COMMI	SION 75.00	875-00
5406	40	MILEAGE	APR 2 8 2008	3.45	/38.00
1126 A	170 SKS	THICK Set Coment	CONSERVATION DIVISION	16-20	2754-00
1110 A	1360 #	KOL-SEAL 8 1/sk	WICHITA, KS	. 40 *	544.00
1118 A	300 *	Gel Flush		.16 4	1/2.00
/105	50 <b>*</b>	Hulls		.37 *	18.50
5407	Tons	TW Milenge BULK TRUCK		MIC	300.00
4404	/	41/2 Too Rubbel Plug		42.00	42.00
1143	1 gAL	SOMO		36.85	34-85
1140	1 gal 2 gal	Biocide		27.70	55.40
				Sub Total	4011.75
		THANK YOU	5.3%	SALES TAX	10.54
		20033		ESTIMATED	44000 00

AUTHORIZATION / S V S

TOTAL

<del>4992.</del>3

DATE