

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
Name: Dart Cherokee Basin Operating Co., LLC
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

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JUN 28 2004

KCC WICHITA

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back _____ Plug Back Total Depth _____
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Enhr.?) _____ Docket No. _____

<u>5-6-04</u>	<u>5-10-04</u>	<u>5-19-04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-30497-00-00
County: Montgomery
SE NW SW Sec. 13 Twp. 31 S. R. 14 East West
1950' FSL _____ feet from S / N (circle one) Line of Section
4300' 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: Twin Valley Enterprises Well #: C1-13
Field Name: Cherokee Basin Coal Gas Area
Producing Formation: Penn Coals
Elevation: Ground: 930' Kelly Bushing: _____
Total Depth: 1526' Plug Back Total Depth: 1523'
Amount of Surface Pipe Set and Cemented at 22' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ALT #2 KJR 6/01/07
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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

Signature: Beth Oswald
Title: Admn & Engr Asst Date: 6-24-04
Subscribed and sworn to before me this 24th day of June,
2004
Notary Public: Karen L. Welton
Date Commission Expires: _____

Karen L. Welton
Notary Public, Ingham County, MI
My Comm. Expires Mar. 3, 2007
Acting in Ingham County

KCC Office Use ONLY
 Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

ORIGINAL

Side Two

Operator Name: Dart Cherokee Basin Operating Co., LLC Lease Name: Twin Valley Enterprises Well #: C1-13
 Sec. 13 Twp. 31 S. R. 14 East West County: Montgomery

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, 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 all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: High Resolution Compensated Density Neutron & Dual Induction	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Log Name</td> <td style="width: 40%;">Formation (Top), Depth and Datum</td> <td style="width: 30%; text-align: right;"><input checked="" type="checkbox"/> Sample</td> </tr> <tr> <td>See Attached</td> <td>Top Datum</td> <td></td> </tr> </table>	Log Name	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample	See Attached	Top Datum	
Log Name	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample					
See Attached	Top Datum						

CASING RECORD							
New				Used			
Report all strings set-conductor, surface, intermediate, production, 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
Surf	11"	8 5/8"		22'	Class A	5	
Prod	6 3/4"	4 1/2"	10.5#	1523'	50/50 Poz	200	See Attached

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
4	RECEIVED 1343'-1344.5'	300 gal 10% HCl, 2320# sd, 300 BBL fl	
4	JUN 28 2004 1205.5'-1207'	300 gal 10% HCl, 1580# sd, 315 BBL fl	
4	KCC WICHITA 1143.5'-1145.5'	300 gal 10% HCl, 1650# sd, 225 BBL fl	
4	1044'-1047'	300 gal 10% HCl, 6090# sd, 370 BBL fl	

TUBING RECORD	Size 2 3/8"	Set At 1485'	Packer At NA	Liner Run Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
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Date of First, Resumed Production, SWD or Enhr. 6-2-04	Producing Method Flowing <input type="checkbox"/> Pumping <input checked="" type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) <input type="checkbox"/>
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Estimated Production Per 24 Hours	Oil Bbls. NA	Gas Mcf 2	Water Bbls. 43	Gas-Oil Ratio NA	Gravity NA
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Disposition of Gas Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled _____
(If vented, Sumit ACO-18.) Other (Specify) _____

McPherson Drilling LLC Drillers Log

Rig Number: 1	S. 13	T. 31	R. 14 E
API No. 15- 125-30497	County: MG		Location: AP E/2 - NW-SW
Elev. 933'			

Operator:	Dart Cherokee Basin Operating Co. LLC		
Address:	3541 CR 5400 Independence, KS. 67301		
Well No:	C1-13	Lease Name:	Twin Valley Enterprises
Footage Location:	1950 ft. from the	South	Line
	4300 ft. from the	East	Line
Drilling Contractor:	McPherson Drilling LLC		
Spud date:	5/6/2004	Geologist:	
Date Completed:	5/10/2004	Total Depth:	1526'

Gas Tests:
Comments:
start injecting water @ 320'

Casing Record			Rig Time:
	Surface	Production	
Size Hole:	11"	6 3/4"	1 day booster
Size Casing:	8 5/8"		
Weight:	20#		
Setting Depth:	22'	McPherson	Andy Coats - Driller
Type Cement:	Portland		
Sacks:	5	McPherson	

Well Log										
Formation	Top	Btm.		Formation	Top	Btm.		Formation	Top	Btm.
soil	0	6		2nd Oswego	1028	1036				
lime	6	78		Mulky	1036	1041				
shale	78	179		3rd Oswego	1041	1049				
sand shale	179	310		shale	1049	1078				
sand	310	382 wet-		coal	1078	1080				
shale	382	431 no sho		sand shale	1080	1100				
lime	431	525		coal	1100	1102				
shale	525	607		sand shale	1102	1125				
lime	607	635		shale	1125	1143				
shale	635	681		coal	1143	1146				
lime	681	671		shale	1146	1207				
shale	671	718		coal	1207	1209				
lime	718	738		shale	1209	1343				
sand shale	738	789		coal	1343	1346				
shale	789	795		sand shale	1346	1380				
sand	795	819 no sho		coal	1380	1382				
coal	819	821		shale	1382	1388				
shale	821	897		Mississippian	1388	1526 TD				
coal	897	898								
shale	898	901								
pink lime	901	922								
shale	922	996								
1st Oswego	996	1021								
Summit	1021	1028								

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CONSOLIDATED
OIL WELL
SERVICES
AN INFINITY COMPANY

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

TICKET NUMBER **24516**
LOCATION B'ville

FIELD TICKET

Twin Valley

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
5-11-04	2368	Enterprises C1-13		13	30	15	MG	
CHARGE TO				OWNER				
MAILING ADDRESS				OPERATOR				
CITY & STATE				CONTRACTOR				

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
5401	1 1523'	PUMP CHARGE LONGSTRING		675.00
1110	20 SX	GILSONITE	*	388.00
1111	500 #	SALT	*	125.00
1118	5 SX	GEL	*	59.00
1109	3 SX	FLO Seal	*	113.25
1105	3 SX	HULLS	*	38.85
4404	1 ea.	4 1/2 Rubber plug	*	35.00
1123	6300 GAL	City H ₂ O	*	70.88
1238	1 GAL	SOAP	*	30.00
1205	1 1/2 GAL	BI-CIDE	*	33.75
5407	MIN	BLENDING & HANDLING	RECEIVED	
		TON-MILES		190.00
		STAND BY TIME	JUN 28 2004	
		MILEAGE		
5501c	4 HR	WATER TRANSPORTS	KCC WICHITA	320.00
5502c	4 HR	VACUUM TRUCKS		300.00
		FRAC SAND		
1124	200 SX	CEMENT 50/50	*	1320.00
			* SALES TAX	113.95
ESTIMATED TOTAL				3812.68

Rawin 2790

CUSTOMER or AGENTS SIGNATURE Willie Batts CIS FOREMAN Jeff Graham

CUSTOMER or AGENT (PLEASE PRINT)

DATE

190.212

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

TICKET NUMBER 31227
 LOCATION B'ville
 FOREMAN JTB

TREATMENT REPORT

Twin Valley

DATE 5-11-04	CUSTOMER # 2368	WELL NAME <i>Enterprises</i> C1-13	FORMATION
SECTION 13	TOWNSHIP 30	RANGE 15	COUNTY MG
CUSTOMER DART			
MAILING ADDRESS			
CITY			
STATE		ZIP CODE	
TIME ARRIVED ON LOCATION			

TRUCK #	DRIVER	TRUCK #	DRIVER
419	<i>Coop</i>		
235	<i>Mark</i>		
412	<i>Marshall</i>		
407	<i>Ferry/Thomas</i>		
124	<i>Donnie</i>		

TYPE OF TREATMENT

<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input checked="" type="checkbox"/> PRODUCTION CASING	<input type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISP. PUMP	<input type="checkbox"/>
<input type="checkbox"/> OTHER	<input type="checkbox"/>

WELL DATA

HOLE SIZE 6 3/4	PACKER DEPTH
TOTAL DEPTH 1526	PERFORATIONS
	SHOTS/FT
CASING SIZE 4 1/2	OPEN HOLE
CASING DEPTH 1523	
CASING WEIGHT	TUBING SIZE
CASING CONDITION	TUBING DEPTH
	TUBING WEIGHT
	TUBING CONDITION
TREATMENT VIA	

PRESSURE LIMITATIONS

	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

est. CIRC - ran 8 BBL gel/hulls ahead of 10 BBL foamer followed by 10 BBL clean H₂O - pumped 200 ST DART mix w/hulls @ 13.5 PP6 - shut down - washed out / w/ves + pump - dropped plug - displaced to bottom + set shoe - shut in -

AUTHORIZATION TO PROCEED

TITLE

DATE

CIRC - Cmt to surface

TIME AM / PM	STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	
							BREAKDOWN PRESSURE
							DISPLACEMENT
							MIX PRESSURE
							MIN PRESSURE
							ISIP
							15 MIN.
							MAX RATE
							MIN RATE

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