

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Form ACO-1
September 1999
Form Must Be Typed

ORIGINAL

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 21 2004

KCC WICHITA

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW 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>4-12-04</u>	<u>4-14-04</u>	<u>4-22-04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 205-25753-00-00
County: Wilson
NE NW SE Sec. 33 Twp. 30 S. R. 15 East West
2100' FSL feet from S / N (circle one) Line of Section
1650' 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: Mustain Well #: C3-33
Field Name: Cherokee Basin Coal Gas Area
Producing Formation: Penn Coals
Elevation: Ground: 955' Kelly Bushing: _____
Total Depth: 1445' Plug Back Total Depth: 1440'
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: Admin & Engr Asst Date: 6-18-04
Subscribed and sworn to before me this 18th day of June,
20 04

Notary Public: Karen L. Welton KAREN L. WELTON
Notary Public - Michigan
Ingham County
My Commission Expires Mar 3, 2007
Acting in the County of Ingham
Date Commission Expires: _____

KCC Office Use ONLY

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

ORIGINAL

Operator Name: Dart Cherokee Basin Operating Co., LLC Lease Name: Mustain Well #: C3-33
 Sec. 33 Twp. 30 S. R. 15 East West County: Wilson

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 (Attach Additional Sheets) 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 (Submit Copy) List All E. Logs Run: High Resolution Compensated Density Neutron & Dual Induction	Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name Top Datum See Attached <div style="text-align: center; font-weight: bold; font-size: 1.2em;"> RECEIVED JUN 21 2004 KCC WICHITA </div>
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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#	1440'	50/50 Poz	190	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 (Amount and Kind of Material Used)	Depth
4	1297'-1298'		
4	1102.5'-1105'	300 gal 10% HCl, 2915# sd, 255 BBL fl	
4	1034'-1036'	300 gal 10% HCl, 1730# sd, 215 BBL fl	
4	933'-935.5'	300 gal 10% HCl, 5540# sd, 390 BBL fl	

TUBING RECORD		Size	Set At	Packer At	Liner Run	Yes	<input checked="" type="checkbox"/> No
		2 3/8"	1410'	NA			
Date of First, Resumed Production, SWD or Enhr.		Producing Method					
5-8-05 04		Flowing		<input checked="" type="checkbox"/> Pumping		Gas Lift Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		
	NA	9	14	NA	NA		

Disposition of Gas Vented Sold Used on Lease (If vented, Sumit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

McPherson Drilling LLC Drillers Log

Rig Number: 2	S. 33	T. 30	R. 15 E
API No. 15- 205-25753	County: WL		
Elev. 955'	Location:		

Gas Tests:

Comments:

Operator:	Dart Cherokee Basin Operating Co. LLC		
Address:	3541 CR 5400 Independence, KS 67301		
Well No:	C3-33	Lease Name:	Mustain
Footage Location:	2100 ft. from the	South	Line
	1650 ft. from the	East	Line
Drilling Contractor:	McPherson Drilling LLC		
Spud date:	4/12/2004	Geologist:	
Date Completed:	4/14/2004	Total Depth:	1445'

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

Well Log									
Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.	
soil/clay	0	6	Mulky	932	936				<p align="center">RECEIVED JUN 21 2004 KCC WICHITA</p>
lime	6	30	lime	936	942				
shale	30	75	shale	942	973				
lime	75	90	coal	973	974				
shale	90	220	shale	974	1033				
sand	220	288	coal	1033	1034				
shaley coal	288	289	shale	1034	1102				
shale	289	342	coal (wet)	1102	1103				
lime	342	433	shale	1103	1131				
shale	433	436	coal	1131	1132				
sand	436	495	shale	1132	1223				
lime	495	535	sand (wet)	1223	1262				
shale	535	625	coal	1262	1265				
lime	625	648	shale	1265	1272				
shale	648	660	shaley coal	1272	1274				
lime	660	690	shale	1274	1294				
shale	690	700	coal	1294	1295				
sand wet	700	790	shale	1295	1300				
sandy shale	790	818	Miss lime	1300	1445				
pink lime	818	840							
shale	840	887							
Osw lime	887	910							
Summit	910	920							
lime	920	932							



CONSOLIDATED

OIL WELL SERVICES
AN INFINITY COMPANY

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

TICKET NUMBER **23756**

LOCATION B'ville

FIELD TICKET

DATE 4-15-04	CUSTOMER ACCT # 2368	WELL NAME MUSTAIN C3-33	QTR/QTR	SECTION 33	TWP 30	RGE 15	COUNTY Wilson	FORMATION
CHARGE TO DART				OWNER				
MAILING ADDRESS				OPERATOR				
CITY & STATE				CONTRACTOR				

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
5401	1 1440'	PUMP CHARGE LONG STRING		525.00
1110	20 SK	GILSONITE		388.00
1111	500 #	SALT		125.00
1118	5 SK	GEL		59.00
1107	3 SK	RLO seal		113.25
1105	3 SK	HULLS		38.85
1123.10	6300 GAL	City H ₂ O		70.88
4404	1 GA	4 1/2 Rubber plug		27.00
1238	1 GAL	SOAP		30.00
1205.10	1 1/2 GAL	B1-CIDE		33.75
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5407	min	BLENDING & HANDLING		
		TON-MILES		
		STAND BY TIME		
		MILEAGE		
5501.10	4 HR	WATER TRANSPORTS		320.00
5502.10	4 HR	VACUUM TRUCKS		300.00
		FRAC-SAND		
1124	190 SK	CEMENT 50/50		1254.00
			* SALES TAX	130.79

Ravin 2790

ESTIMATED TOTAL **3605.52**

CUSTOMER or AGENTS SIGNATURE Willie Bates CIS FOREMAN Jeff Guban

CUSTOMER or AGENT (PLEASE PRINT) _____ DATE 189795

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

TICKET NUMBER **31156**
 LOCATION *Biville*
 FOREMAN *JG*

TREATMENT REPORT

DATE <i>4-15-04</i>	CUSTOMER # <i>2368</i>	WELL NAME <i>MUSTANG</i>	FORMATION <i>63-33</i>
SECTION <i>33</i>	TOWNSHIP <i>30</i>	RANGE <i>16</i>	COUNTY <i>Wilson</i>
CUSTOMER <i>DART</i>			
MAILING ADDRESS			
CITY			
STATE		ZIP CODE	
TIME ARRIVED ON LOCATION			

WELL DATA	
HOLE SIZE <i>6 7/8</i>	PACKER DEPTH
TOTAL DEPTH <i>1995</i>	PERFORATIONS
	SHOTS/FT
CASING SIZE <i>4 1/2</i>	OPEN HOLE
CASING DEPTH <i>194</i>	
CASING WEIGHT	TUBING SIZE
CASING CONDITION	TUBING DEPTH
	TUBING WEIGHT
	TUBING CONDITION
TREATMENT VIA	

TRUCK #	DRIVER	TRUCK #	DRIVER
<i>419</i>	<i>Coop</i>		
<i>407</i>	<i>Dannie</i>		
<i>400</i>	<i>MAC</i>		
<i>370</i>	<i>Joe</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"/> MISF PUMP	<input type="checkbox"/>
<input type="checkbox"/> OTHER	<input type="checkbox"/>

PRESSURE LIMITATIONS	
	THEORETICAL
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 190 SK DART mix w/hulls @ 1.35 P.P.G - shut down - washed out lines & 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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189795