

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL 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

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>9-2-04</u>	<u>9-7-04</u>	<u>9-13-04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

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API No. 15 - 205-25790-00-00
County: Wilson
 C. SE SE Sec. 34 Twp. 30 S. R. 15 East West
660' FSL feet from (S) N (circle one) Line of Section
660' 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 #: D4-34
Field Name: Cherokee Basin Coal Gas Area
Producing Formation: Penn Coals
Elevation: Ground: 947' Kelly Bushing: _____
Total Depth: 1386' Plug Back Total Depth: 1382'
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 KGR 6/22/07
(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.: _____

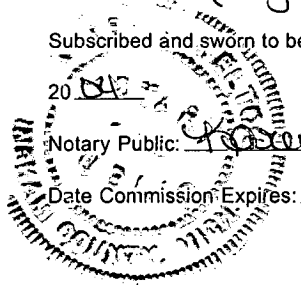
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side 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: 12-1-04
Subscribed and sworn to before me this 1st day of December,
2004
Notary Public: Karen L. Welton
Date Commission Expires: _____

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

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



Operator Name: Dart Cherokee Basin Operating Co., LLC Lease Name: Mustain Well #: D4-34
 Sec. 34 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: right;"> RECEIVED DEC 05 2004 KCC WICHITA RECEIVED DEC 06 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	7	
Prod	6 3/4"	4 1/2"	9.5#	1382'	50/50 Poz	170	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	1097'-1100'		300 gal 10% HCl, 4525# sd, 435 BBL fl		
4	1068.5'-1070'		300 gal 10% HCl, 2300# sd, 335 BBL fl		
4	966'-967.5'		300 gal 10% HCl, 965# sd, 200 BBL fl		
4	909'-910.5'		300 gal 10% HCl, 2330# sd, 270 BBL fl		
4	873'-876.5'		300 gal 10% HCl, 7045# sd, 420 BBL fl		

TUBING RECORD	Size 2 3/8"	Set At 1361'	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. 10-15-04	Producing Method			
	Flowing <input type="checkbox"/>	Pumping <input checked="" type="checkbox"/>	Gas Lift <input type="checkbox"/>	Other (Explain) <input type="checkbox"/>

Estimated Production Per 24 Hours	Oil Bbls. NA	Gas Mcf 5	Water Bbls. 35	Gas-Oil Ratio NA	Gravity NA
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Disposition of Gas METHOD OF COMPLETION Production Interval

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. 34	T. 30	R. 15 E
API No. 15- 205-25790	County: WL		
Elev. 947'	Location:		

Operator:	Dart Cherokee Basin Operating Co. LLC		
Address:	3541 CR 5400 Independence, KS 67301		
Well No: D X ⁴ -34	Lease Name:	Mustain	
Footage Location:	660 ft. from the	South	Line
	660 ft. from the	East	Line
Drilling Contractor:	McPherson Drilling LLC		
Spud date:	9/2/2004	Geologist:	
Date Completed:	9/7/2004	Total Depth:	1386'

Gas Tests:
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Comments:
start injecting @ 480'

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:	Portland		
Sacks:	7	McPherson	Andy Coats - Drillier

Well Log									
Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.	
soil	0	1	3rd Oswego	879	886				
lime	1	62	shale	886	904				
shale	62	175	coal	904	906				
sand	175	218	sand shale	906	927				
coal	218	220	coal	927	929				
shale	220	317	shale	929	966				
sand	317	331 wet	coal	966	967				
lime	331	365	shale	967	1067				
shale	365	385	coal	1067	1069				
sand	385	429	sand shale	1069	1094				
shale	429	566 wet	coal	1094	1096				
lime	566	618	sand shale	1096	1099				
sand	618	625	sand	1099	1169				
sand shale	625	672	sand shale	1169	1207				
sand	672	698	shale	1207	1228				
shale	698	737	water sand	1228	1235 wet				
coal	737	738	Mississippian	1235	1386				
shale	738	745							
pink lime	745	763							
shale	763	824							
1st Oswego	824	852							
Summit	852	860							
2nd Oswego	860	871							
Mulky	871	879							

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

TICKET NUMBER 1117
 LOCATION Bartlesville
 FOREMAN Steve Johnson

TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-7-04	2368	Mustain 04-34	34	30S	15E	Mo
CUSTOMER <u>Dart</u>			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS			289	Kirk		
CITY			226	Bruce		
STATE			285	Jason		
ZIP CODE			413	TRAVIS		

JOB TYPE Long string HOLE SIZE 6 7/8 HOLE DEPTH 1386 CASING SIZE & WEIGHT 4 1/2 9.50
 CASING DEPTH 1882 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 0
 DISPLACEMENT 23.4 DISPLACEMENT PSI 800 MIX PSI 0 RATE 4.3

REMARKS: Ran 25x gel with hulls Ran 10Bbls Mud Flush Followed by 5 Bbls water breaking circulation Ran 170 sy 50/50 Dart mix with additives with hulls @ 13.5ppg Washed behind plug pump plug to bottom set shoe shut in circulated 7Bbls slurry to pit

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ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	21	PUMP CHARGE <u>Long string</u>		710.00
5406	50	MILEAGE		117.50
5407	Misc	Bulk delivery		225.00
5402	1386'	Footage		207.90
1105	1 sy	Hulls		13.60
1107	2 sy	Flo seal		80.00
1110	17 sy	Gilsonite		345.95
1111	400#	SALT		104.00
1118	5 sy	laEL		62.00
1123	6700 gal	city water		77.05
1124	170 sy	550 cement		1173.00
4404	1	4 1/2 Rubber Plug		35.00
1205	1 1/2 gal	Super sweet		35.48
1238	1 gal	mud flush		31.50
5501 C	3 hrs.	transport		252.00
5502 C	3 hrs.	80 VAC		234.00
		5.8% SALES TAX		190.26
		ESTIMATED TOTAL		3900.78

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AUTHORIZATION [Signature] TITLE _____ DATE 3001.18
 1001075