

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

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
 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. _____

1-20-05	1-24-05	2-7-05
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-30684-00-00
 County: Montgomery
SW SW NW Sec. 22 Twp. 33 S. R. 15 East West
2970' FSL feet from S / N (circle one) Line of Section
4950' 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: Muller et al Well #: B1-22
 Field Name: Cherokee Basin Coal Gas Area
 Producing Formation: Penn Coals
 Elevation: Ground: 808' Kelly Bushing: _____
 Total Depth: 1446' Plug Back Total Depth: 1443'
 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 II NCR 7-22-08
 (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: 4-13-05
 Subscribed and sworn to before me this 13th day of April,
2005
 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

X

Operator Name: Dart Cherokee Basin Operating Co., LLC Lease Name: Muller et al Well #: B1-22
 Sec. 22 Twp. 33 S. R. 15 ✓ 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 ✓ No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes ✓ No Cores Taken Yes ✓ No Electric Log Run ✓ Yes No <i>(Submit Copy)</i> List All E. Logs Run: High Resolution Compensated Density Neutron & Dual Induction	Log Formation (Top), Depth and Datum ✓ Sample Name Top Datum See Attached
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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"	24#	22'	Class A	4	
Prod	6 3/4"	4 1/2"	9.5#	1443'	Thick Set	160	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				

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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	1271'-1272'.5'	300 gal 15% HCl, 2305# sd, 225 BBL fl	
4	1014'-1016'	300 gal 15% HCl, 3055# sd, 280 BBL fl	
4	940'-942'	300 gal 15% HCl, 2665# sd, 250 BBL fl	
4	868'-869'	300 gal 15% HCl, 1695# sd, 210 BBL fl	
4	844.5'-847'	300 gal 15% HCl, 5360# sd, 325 BBL fl	

TUBING RECORD	Size 2 3/8"	Set At 1370'	Packer At NA	Liner Run Yes ✓ No
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Date of First, Resumed Production, SWD or Enhr. 3-1-05	Producing Method Flowing ✓ Pumping Gas Lift Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls. NA	Gas Mcf 0	Water Bbls. 66	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)

Rig Number: 2	S. 22	T. 33	R. 15 E
API No. 15- 125-30684	County: MG		
Elev. 808'	Location: SW-SW-NW		

Gas Tests:		
684	0.00	MCF
710	0.00	MCF
864	0.00	MCF
884	0.00	MCF
904	5.64	MCF
924	5.64	MCF
984	5.64	MCF
1004	11.02	MCF
1064	11.02	MCF
1144	11.02	MCF
1244	11.02	MCF
1286	11.02	MCF
1346	11.02	MCF

1/24/05

Comments:
start injecting water @ 360'

Operator: Dart Cherokee Basin Operating Co. LLC	Lease Name: Muller et al
Address: 3541 CR 5400 Independence, KS 67301	
Well No: B1-22	
Footage Location: 2970 ft. from the South Line	
	4950 ft. from the East Line
Drilling Contractor: McPherson Drilling LLC	
Spud date: 1/20/2005	Geologist:
Date Completed: 1/24/2005	Total Depth: 1284'

Casing Record			Rig Time:
Size Hole:	Surface 11"	Production 6 3/4"	3.25 hrs. Gas Test
Size Casing:	8 5/8"	McPherson	1 day booster
Weight:	20#		
Setting Depth:	22'		
Type Cement:	Portland	McPherson	Driller - Andy Coats
Sacks:	4		

Well Log									
Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.	
soil	0	9	coal	893	894				
shale	9	12	shale	894	921				
sand	12	14	coal	921	923				
lime	14	19	shale	923	970				
shale	19	234	coal	970	972				
lime	234	257	shale	972	987				
sand shale	257	320 wet	coal	987	989				
shale	320	454	sand shale	989	1045				
lime	454	472	coal	1045	1047				
shale	472	519	shale	1047	1230				
lime	519	529	coal	1230	1232				
shale	529	635	shale	1232	1283				
sand	635	651	coal	1283	1285				
sand shale	651	684	shale	1285	1296				
coal	684	685	Mississippian	1296	1446				
shale	685	695							
pink lime	695	714							
shale	714	801							
Oswego	801	838							
Summit	838	846							
2nd Oswego	846	870							
Mulky	870	877							
3rd Oswego	877	881							
shale	881	893							

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Rig Number: 1	S. 22 T. 33 R. 15E
API No. 15-125-38684	County: Montgomery
Elev. 208	Location: SW-SW-NW

Operator: Dart Cherokee Basin	
Address: 3541 County RDS400 Indy KS 67301	
Well No: B1-22	Lease Name: Muller et al
Footage Location: 2970	ft. from the (N) (S) Line
4950	ft. from the (E) (W) Line
Drilling Contractor: McPherson Drilling LLC	
Spud date: 1-20-05	Geologist:
Date Completed: 1-29-05	Total Depth: 1446

Gas Tests:	
684	0mcf
710	0mcf
864 864	0mcf
884	0mcf
904	5.64mcf
924	5.64mcf
984	5.64mcf
1004	11.02mcf
1064	11.02mcf
1144	11.02mcf
1244	11.02mcf
1286	11.02mcf
1346	11.02mcf

Casing Record			Rig Time:
	Surface	Production	3 1/4 hrs
Size Hole:	11	6 3/4	gasket
Size Casing:	8 5/8		
Weight:	20*		
Setting Depth:	22	Mcp	
Type Cement:	Port		1 Day Booster
Sacks:	4	Mcp	Andy Coats

Start injecting at 60

Well Log								
Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
Soil	0	9	Coal	893	894			
shale	9	12	shale	894	921			
SAND	12	14	Coal	921	923			
lime	14	19	shale	923	970			
shale	19	234	Coal	970	972			
lime	234	253	shale	972	987			
SAND shale	253	320	Coal	987	989			
shale	320	454	SAND shale	989	1085			
lime	454	472	Coal	1085	1087			
shale	472	519	shale					
lime	519	529	shale	1047	1230			
shale	529	635	Coal	1230	1282			
SAND	635	651	shale	1232	1282			
SAND shale	651	689	Coal	1282	1285			
Coal	689	685	shale	1285	1296			
shale	685	695	MISSISSIPPIAN	1296				
Pink lime	695	714			1446			
shale	714	801						
owega	801	838						
summit	838	846						
2nd owega	846	870						
mully	870	877						
3rd owega	877	881						
shale	881	883						

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

TICKET NUMBER 3182
 LOCATION EUREKA
 FOREMAN Kevin McCoy

TREATMENT REPORT & FIELD TICKET
 CEMENT

ORIGINAL

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
1-25-05	8308	Muller Etal B1-22	22	33S	15E	MG	
CUSTOMER DART Cherokee Basin			C & C well Service	TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS 3541 Co. Rd. 5400				444	ALAN		
CITY Independence	STATE KS	ZIP CODE 67301		439	Justin		
				436	Bruce		

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 1446' CASING SIZE & WEIGHT 4 1/2
 CASING DEPTH 1443' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.2 # SLURRY VOL 49 BBL WATER gal/sk 8.0 CEMENT LEFT in CASING 0'
 DISPLACEMENT 23.4 BBL DISPLACEMENT PSI 700 PSI 1200 Bump Plug RATE _____

REMARKS: Safety Meeting: Rig up to 4 1/2 casing w/ wash head. Break circulation w/ 25 Bbl fresh water. Wash down 40' 4 1/2 casing to total depth of 1443'. Washed down w/ 135 Bbl water. Reload transport (Rick Tank Truck Service). Rig up to cement. Pump 2 sks Gel Flush, 10 Bbl foamer, 10 Bbl fresh water spacer. Mixed 160 sks Thick Set Cement w/ 8" KOL-SEAL per/sk @ 13.2 # per/gal, yield 1.73. Wash out pump & lines. Shut down. Release Plug. Displace w/ 23.4 Bbl fresh water. Final Pumping Pressure 700 PSI. Bump Plug to 1200 PSI. Wait 2 minutes. Release Pressure. Float Held. Shut casing in @ 0 PSI. Good Cement Returns to surface. = 7 Bbl slurry. Job Complete. Rig down.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	710.00	710.00
5406	36	MILEAGE	2.35	84.60
1126 A	160 SKS	THICK Set Cement	11.85	1896.00
1110 A	25 SKS	KOL-SEAL 8" per/sk	15.75	393.75
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1118	2 SKS	Gel Flush	12.40	24.80
1105	1 SK	Cotton Seed Hulls	13.60	13.60
5407	8.8 TONS	Ton Mileage	MIC	225.00
4404	1	4 1/2 Top Rubber Plug	35.00	35.00
1238	1 GAL	SOAP	31.50	31.50
1205	2 GAL	BI-CIDE (MIXED w/ water)	23.65	47.30
1123	3150 gals	City water	11.50 ^{per 1000}	36.23
5502 C	4 HRS	80 BBL VAC TRUCK	78.00	312.00
			Sub total	3809.78
		Thank you	SALES TAX 5.3%	127.17
			ESTIMATED TOTAL	3936.95

AUTHORIZATION _____ TITLE _____ DATE 3/26/05
 195213