

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

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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. \_\_\_\_\_

2-14-05	2-16-05	2-26-05
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-30700-00-00  
County: Montgomery  
\_\_\_\_ NW \_\_\_\_ NE \_\_\_\_ SW Sec. 1 Twp. 31 S. R. 14  East  West  
2230' FSL \_\_\_\_\_ feet from S / N (circle one) Line of Section  
3700' 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: Shultz Well #: C2-1  
Field Name: Cherokee Basin Coal Gas Area  
Producing Formation: Penn Coals  
Elevation: Ground: 926' Kelly Bushing: \_\_\_\_\_  
Total Depth: 1546' Plug Back Total Depth: 1543'  
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 Ait 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: Admn Engr Asst. Date: 4-13-05  
Subscribed and sworn to before me this 13<sup>th</sup> day of April,  
2005  
Notary Public: Karen L. Welton  
Date Commission Expires: \_\_\_\_\_

**KCC Office Use ONLY**  
NO 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: Shultz Well #: C2-1  
 Sec. 1 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	Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> 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"	10.5#	1543'	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	1349'-1350.5'	300 gal 15% HCl, 2315# sd, 230 BBL fl	
4	1220.5'-1223'	400 gal 15% HCl, 3810# sd, 310 BBL fl	
4	1140.5'-1142'	300 gal 15% HCl, 2310# sd, 225 BBL fl	
4	1077'-1079'	300 gal 15% HCl, 2535# sd, 295 BBL fl	
4	1031'-1033.5'	300 gal 15% HCl, 5050# sd, 335 BBL fl	

TUBING RECORD	Size <b>2 3/8"</b>	Set At <b>1515'</b>	Packer At <b>NA</b>	Liner Run Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
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Date of First, Resumed Production, SWD or Enhr. <b>3-18-05</b>	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. <b>NA</b>	Gas Mcf <b>0</b>	Water Bbls. <b>90</b>	Gas-Oil Ratio <b>NA</b>	Gravity <b>NA</b>
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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**

<b>Rig Number:</b> 1	<b>S. 1 T. 31 R. 14 E</b>
<b>API No.</b> 15- 125-30700	<b>County:</b> Montgomery
<b>Elev.</b> 926'	<b>Location:</b>

<b>Operator:</b> Dart Cherokee Basin Operating Co. LLC
<b>Address:</b> 3541 CR 5400 Independence, KS 67301
<b>Well No:</b> C2-1 <b>Lease Name:</b> Shultz
<b>Footage Location:</b> 2230 ft. from the South Line 3700 ft. from the East Line
<b>Drilling Contractor:</b> McPherson Drilling LLC
<b>Spud date:</b> 2/14/2005 <b>Geologist:</b>
<b>Date Completed:</b> 2/16/2005 <b>Total Depth:</b> 1546'

**Gas Tests:**

**ORIGINAL**

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**Comments:**

start injecting water @ 660

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

Well Log										
Formation	Top	Btm.		Formation	Top	Btm.		Formation	Top	Btm.
soil	0	9		Summit	1011	1017				
lime	9	14		2nd Oswego	1017	1028				
shale	14	24		Mulky	1028	1033				
lime	24	50		3rd Oswego	1033	1039				
shale	50	53		shale	1039	1075				
lime	53	89		coal	1075	1078				
shale	89	355		shale	1078	1098				
black shale	355	361		coal	1098	1100				
sand	361	385 wet		shale	1100	1135				
shale	385	482		coal	1135	1136				
lime	482	491		shale	1136	1194				
sand	491	509 wet		coal	1194	1196				
shale	509	593		shale	1196	1202				
lime	593	629		coal	1202	1204				
shale	629	653		shale	1204	1339				
lime	653	665 wet		coal	1339	1341				
shale	665	779		shale	1341	1389				
sand	779	795		Mississippian	1389	1546				
shale	795	902								
coal	902	904								
shale	904	906								
pink lime	906	926								
shale	926	986								
1 Oswego	986	1011								

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**KCC WICHITA**

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

TICKET NUMBER 125,69770 J. 30/6  
 LOCATION EUREKA  
 FOREMAN Kevin McCoy

TREATMENT REPORT & FIELD TICKET  
 CEMENT

ORIGINAL

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
2-17-05		Shultz C2-1	1	315	14E	M6	
CUSTOMER Dart Cherokee Basin			C & C well Service	TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS 3541 Co. Rd. 5400				445	Troy		
CITY Independence				439	Justin		
STATE KS				452 T63	Randy		
ZIP CODE 67301							

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 1546' CASING SIZE & WEIGHT 4 1/2 10.5" New  
 CASING DEPTH 1543' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.2 # SLURRY VOL 49 BBL WATER gal/sk 8.0 CEMENT LEFT in CASING 0'  
 DISPLACEMENT 24.5 BBL DISPLACEMENT PSI 1000 MIX PSI 1500 Bump Plug RATE \_\_\_\_\_

REMARKS: Safety Meeting: Rig up wash Head to 4 1/2 casing. wash down 7' to total  
Depth of 1543' w/ 70 BBL fresh water. Rig up to Cement. Pump 2 SKS Gel Flush  
w/ Hulls, 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/ 24.5 BBL fresh water. FINAL Pumping  
Pressure 1000 PSI. Bump Plug to 1500 PSI. WAIT 2 minutes. Release Pressure.  
float Held. Shut casing in @ 0 PSI. Good Cement Returns to Surface = 8 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
1118	2 SKS	Gel Flush	12.40	24.80
1105	1 SK	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	5670 GALS	City water	11.50 per 1000	65.21
5501 C	4 HRS	TRANSPORT	84.00	336.00
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<b>APR 15 2005</b>				
<b>KCC WICHITA</b>				
			Sub total	3862.76
			SALES TAX	128.66
			ESTIMATED TOTAL	3991.42

AUTHORIZATION John B. Tellebrun TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 THANK YOU

CONSOLIDATED OIL WELL SERVICES, INC.  
 11 W. 14TH STREET, CHANUTE, KS 66720  
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TICK NUMBER 125,2770 J. 576  
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**COPY**

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STATE KS			439	Justin		
ZIP CODE 67301			452 763	Randy		

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<b>APR 15 2005</b>				
<b>KCC WICHITA</b>				
Sub total				3862.76
SALES TAX				128.64 53%
ESTIMATED TOTAL				3991.42

AUTHORIZATION John E. T... .. TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 THANK YOU