

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. \_\_\_\_\_  

<u>11-23-04</u>	<u>11-30-04</u>	<u>12-9-04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 205-25876-00-00  
 County: Wilson  
NE SW SE Sec. 22 Twp. 30 S. R. 15  East  West  
1100' FSL feet from S / N (circle one) Line of Section  
1800' 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: E&N Schultz Well #: D3-22  
 Field Name: Cherokee Basin Coal Gas Area  
 Producing Formation: Penn Coals  
 Elevation: Ground: 1003' Kelly Bushing: \_\_\_\_\_  
 Total Depth: 1460' Plug Back Total Depth: 1454'  
 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 AH II NCR 7-21-08  
 (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: 4-8-05  
 Subscribed and sworn to before me this 8<sup>th</sup> day of April  
2005  
 Notary Public: Cheryl L. Quinn  
 Date Commission Expires: 10-20-05

**KCC Office Use ONLY**  
NO Letter of Confidentiality Attached  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: Dart Cherokee Basin Operating Co., LLC Lease Name: E&N Schultz Well #: D3-22  
 Sec. 22 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 ✓ 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	<table border="1" 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%;">✓ Sample Datum</td> </tr> <tr> <td colspan="3" style="text-align: center;">See Attached</td> </tr> </table>	Log Name	Formation (Top), Depth and Datum	✓ Sample Datum	See Attached		
Log Name	Formation (Top), Depth and Datum	✓ Sample Datum					
See Attached							

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#	1454'	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 (Amount and Kind of Material Used)	Depth
	See Attached	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> <b>RECEIVED</b>  <b>APR 11 2005</b>  <b>KCC WICHITA</b> </div>	

TUBING RECORD	Size 2 3/8"	Set At 1314'	Packer At NA	Liner Run Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Date of First, Resumed Production, SWD or Enhr. 1-14-05		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 0	Water Bbls. 54	Gas-Oil Ratio NA
				Gravity NA

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) \_\_\_\_\_

ORIGINAL

Dart Cherokee Basin Operating Co LLC #33074  
E&N Schultz D3-22 API #15-205-25876-00-00  
NE SW SE Sec 22 T30S-R15E  
Attachment to ACO-1 Well Completion Form

Shots Per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	1071'-1073'	300 gal 10% HCl, 2330# sd, 235 BBL fl	
4	1113.5'-1116'	300 gal 10% HCl, 3050# sd, 300 BBL fl	
4	965'-968'	300 gal 10% HCl, 6025# sd, 390 BBL fl	
4	854'-855'	300 gal 10% HCl, 1685# sd, 200 BBL fl	
4	711'-712'	300 gal 10% HCl, 1680# sd, 195 BBL fl	
4	671'-672'	300 gal 10% HCl, 1684# sd, 225 BBL fl	

RECEIVED  
APR 11 2005  
KCC WICHITA

**McPherson Drilling LLC Drillers Log**

<b>Rig Number:</b> 1	<b>S. 22 T. 30 R 15 E</b>
<b>API No.</b> 15- 205-25876	<b>County:</b> Wilson
<b>Elev.</b> 884'	<b>Location:</b>

**Gas Tests:**

**ORIGINAL**

---

**Comments:**

Start injecting water @ 480'

<b>Operator:</b> Dart Cherokee Basin Operating Co. LLC
<b>Address:</b> 3541 CR 5400 Independence, KS 67301
<b>Well No:</b> D3-22 <b>Lease Name:</b> E & N Schultz
<b>Footage Location:</b> 1100 ft. from the South Line 1800 ft. from the East Line
<b>Drilling Contractor:</b> McPherson Drilling LLC
<b>Spud date:</b> 11/24/2004 <b>Geologist:</b>
<b>Date Completed:</b> 12/1/2004 <b>Total Depth:</b> 1461'

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

Well Log									
Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.	
soil	0	3	Mulky	960	971				
lime	3	111	3rd Oswego	971	982				
shale	111	285	shale	982	1008				
sand shale	285	361	coal	1008	1010				
shale	361	389	shale	1010	1027				
lime	389	416	coal	1027	1029				
shale	416	432 wet	sand shale	1029	1066				
sand shale	432	440	coal	1066	1068				
lime	440	455	shale	1068	1168				
shale	455	648	coal	1168	1170				
coal	648	649	shale	1170	1203				
shale	649	677	coal	1203	1206				
lime	677	690	sand shale	1206	1322				
shale	690	727	coal	1322	1324				
coal	727	728	sand shale	1324	1339 lot of				
shale	728	739	Mississippian	1339	1461 water				
lime	739	742							
sand	742	732							
shale	732	853							
lime pink	853	872							
shale	872	919							
1st Oswego	919	944							
Summit	944	952							
2nd Oswego	952	960							

**RECEIVED**  
**APR 11 2005**  
**KCC WICHITA**

more water at 1406'

**CONSOLIDATED OIL WELL SERVICES, INC.**  
 W. 14TH STREET, CHANUTE, KS 66720  
 820-431-9210 OR 800-467-8676

TICKET NUMBER 2686  
 LOCATION EUREKA  
 FOREMAN KEVIN McCoy

**TREATMENT REPORT & FIELD TICKET  
 CEMENT**

**ORIGINAL**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY																				
12-2-04	2368	E & N Schultz D3-22	22	30S	15E	WILSON																				
CUSTOMER Dart Cherokee Basin			<table border="1"> <thead> <tr> <th>TRUCK #</th> <th>DRIVER</th> <th>TRUCK #</th> <th>DRIVER</th> </tr> </thead> <tbody> <tr> <td>445</td> <td>Troy</td> <td></td> <td></td> </tr> <tr> <td>439</td> <td>Justin</td> <td></td> <td></td> </tr> <tr> <td>434</td> <td>ALAN</td> <td></td> <td></td> </tr> <tr> <td>452</td> <td>JIM</td> <td></td> <td></td> </tr> </tbody> </table>				TRUCK #	DRIVER	TRUCK #	DRIVER	445	Troy			439	Justin			434	ALAN			452	JIM		
TRUCK #	DRIVER	TRUCK #					DRIVER																			
445	Troy																									
439	Justin																									
434	ALAN																									
452	JIM																									
MAILING ADDRESS 3541 Co. Rd. 5400																										
CITY Independence	STATE KS	ZIP CODE 67301																								
C&C Well Service																										

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 1461' CASING SIZE & WEIGHT 4 1/2 9.5"  
 CASING DEPTH 1457' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.5 # SLURRY VOL 49 BBL WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 0'  
 DISPLACEMENT 23.75 BBL DISPLACEMENT PSI 700 ~~MAX~~ PSI 1200 Bump Plug RATE \_\_\_\_\_

REMARKS: Safety Meeting: Rig up wash Head to 4 1/2 casing. Break Circulation w/ 53 BBL Fresh water. Wash down 15' 4 1/2 to Firm T.D. 1461'. Wash hole Clean w/ 75 BBL Fresh water. Shut down. Wait on Shorter Jt. of casing. Rig up to Cement. Pump 2 sks Gel flush w/ Hulls, 10 BBL Foamer, 10 BBL Fresh water spacer, Mixed 200 sks 50/50 Pozmix Cement w/ 5# Gilsomite per/sk, 5% SALT, 2% Gel 1/4" Floccle per/sk, & Hulls @ 13.5 # per/gal (yield 1.36) Shut down. Wash out Pump & Lines. Release Plug. Displace w/ 23.75 BBL Fresh water. Final Pumping Pressure 700 PSI. Pump Plug to 1200 PSI. Wait 1 minute. Release Pressure Float Held. Shut casing IN @ 0 PSI. Good Cement Returns to Surface = 5 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
1124	200 SKS	50/50 Pozmix Cement	6.90	1380.00
1110	20 SKS	Gilsomite 5# per/sk	20.35	407.00
1111	500 #	SALT 5%	.26 #	130.00
1118	4 SKS	Gel 2%	12.40	49.60
1107	2 SKS	Floccle 1/4" per/sk	40.00	80.00
1118	2 SKS	Gel Flush	12.40	24.80
1105	2 SKS	Cottonseed Hulls	13.60	27.20
5407	8.4 TONS	Ton Mileage	M/C	225.00
4404	1	4 1/2 Top Rubber Plug	35.00	35.00
1238	1 GAL	Soap	31.50	31.50
1205	2 gals	Bi-side (Mixed w/ water)	20.65	41.30
1123	10,000 gals	City water	11.50 <sup>per 1000</sup>	115.00
5501 C	4 HRS	TRANSPORT	84.00	336.00
5502 C	4 HRS	80 BBL VAC TRUCK	78.00	312.00
			Sub total	3995.00
			SALES TAX	<del>119.18</del> 141.18
			ESTIMATED TOTAL	<del>4114.18</del>

**RECEIVED  
 APR 11 2005  
 KCC WICHITA**

AUTHORIZATION [Signature] TITLE 194427 DATE 4/13/06  
 Thank You 6.3%