

**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: Southern Star
 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>10-24-02</u>	<u>10-29-02</u>	<u>1-13-03</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

**RECEIVED
APR 18 2003
KCC WICHITA**

API No. 15 - 125-30190-00-00
 County: Montgomery
C - NE NE Sec. 16 Twp. 31 S. R. 15 East West
4620' 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: Gaut Well #: A4-16
 Field Name: Jefferson-Sycamore
 Producing Formation: Penn Coals
 Elevation: Ground: 850' Kelly Bushing: _____
 Total Depth: 1264' Plug Back Total Depth: 1249'
 Amount of Surface Pipe Set and Cemented at 20' Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from 1264
 feet depth to 0 w/ 210 sx cmt.
APR 11 2003 5-8-02
Drilling Fluid Management Plan
 (Data must be collected from the Reserve Pit)
 Chloride content NA ppm Fluid volume 85 bbls
 Dewatering method used empty w/ vac trk and air dry
 Location of fluid disposal if hauled offsite:
 Operator Name: Dart Cherokee Basin Operating Co
 Lease Name: Scott 10 License No.: 33074
 Quarter NW Sec. 10 Twp. 31 S. R. 15 East West
 County: Montgomery Docket No.: D-24260

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: Engr Asst Date: 4-15-03
 Subscribed and sworn to before me this 15th day of April,
2003.
 Notary Public: Karen L. Welton
 Date Commission Expires: Karen L. Welton
Notary Public, Ingham County, MI
My Comm. Expires Mar. 3, 2007

KCC Office Use ONLY

DENY Letter of Confidentiality Attached DPW
 If Denied, Yes Date: 04-23-03 (2)
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: Dart Cherokee Basin Operating Co., LLC Lease Name: Gaut Well #: A4-16
 Sec. 16 Twp. 31 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.

<p>Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i></p> <p>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i></p> <p>List All E. Logs Run:</p> <p>High Resolution Compensated Density Neutron</p>	<p>Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample</p> <p>Name Top Datum</p> <p>See Attached</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> <p>RECEIVED KANSAS CORPORATION COMMISSION</p> <p>APR 18 2003</p> <p>CONSERVATION DIVISION WICHITA, KS</p> </div>
--	--

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"		20'	Class A	4	
Prod	6 3/4"	4 1/2"	10.5	1255'	50/50 Poz	210	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	991.5'-995.5'	450 gal 7 1/2% ac, 1940# sd & 700 BBL fl	
4	992'-95'	350 gal 10% ac & 220 BBL fl	
6	931'-32'	500 gal 10% ac & 180 BBL fl	
6	867.5'-68.5'	350 gal 10% ac & 200 BBL fl	
6	834'-38'	350 gal 10% ac & 250 BBL fl	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	1194'	NA	Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Enhr.	Producing Method
2/18/03	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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	NA	8	16	NA	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) _____

**Drillers Log
McPherson Drilling LLC**

ORIGINAL

Rig: 3			Elev. 850'
API No. 15- 125-30190-0000			
Operator: Dart Cherokee Basin Operating Co. LLC			
Address: P.O. Box 177 Mason, MI 48854-0177			
Well No: A4-16	Lease Name:	Gaut	
Footage Location:	4620 ft. from the	South	Line
	660 ft. from the	East	Line
Drilling Contractor:	McPherson Drilling LLC		
Spud date: 10/24/02	Geologist:	Gary Laswell	
Date Completed: 10/28/02	Total Depth:	1264'	

S. 16 T. 31 S R. 15 E
Loc: NE NE
County: MG

Gas Tests:
<p>RECEIVED KANSAS CORPORATION COMMISSION</p> <p>APR 18 2003</p> <p>CONSERVATION DIVISION WICHITA, KS</p>

Casing Record		
	Surface	Production
Size Hole:	11"	6 3/4"
Size Casing:	8 5/8"	
Weight:	32#	
Setting Depth:	20'	
Type Cement:	Portland	
Sacks:	4	

Rig Time:

Well Log								
Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
top soil	0	4	coal	696	697	Mississippi	1206	1264 TD
lime	4	18	shale	697	703			
shale	18	84	pink lime	703	721 oil			
lime	84	130	shale	721	744			
shale	130	148	oil sand	744	752			
lime	148	173	sand/shale	752	782			
shale	173	216	1st Oswego	782	807 oil			
lime	216	243	Summit	807	815			
shale	243	261	2nd Oswego	815	830			
lime	261	312	Mulky	830	837			
shale	312	315	3rd Oswego	837	843			
sand	315	351 no sho	shale	843	864			
coal	351	352	coal	864	868			
sand/shale	352	356	shale	868	915			
sand	356	383 no sho	coal	915	916			
lime	383	415	sand/shale	916	927			
shale	415	512	coal	927	930			
lime	512	544	sand/shale	930	987 odor			
shale	544	553	coal	987	992			
lime	553	567	sand/shale	992	1026			
shale	567	603	oil sand	1026	1033			
oil sand	603	653	sand/shale	1033	1122 odor			
sand/shale	653	696	sand	1122	1206 no sho			

RECEIVED

ORIGINAL

APR 18 2003

TICKET NUMBER 23062

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

CONSERVATION DIVISION TREATMENT REPORT

LOCATION Chanute, KS FOREMAN Jim Green

Table with columns: DATE, CUSTOMER ACCT #, WELL NAME, QTR/QTR, SECTION, TWP, RGE, COUNTY, FORMATION, CHARGE TO, OWNER, MAILING ADDRESS, OPERATOR, CITY, CONTRACTOR, STATE, ZIP CODE, DISTANCE TO LOCATION, TIME ARRIVED ON LOCATION, TIME LEFT LOCATION.

Table with columns: HOLE SIZE, TOTAL DEPTH, CASING SIZE, CASING DEPTH, CASING WEIGHT, CASING CONDITION, TUBING SIZE, TUBING DEPTH, TUBING WEIGHT, TUBING CONDITION, PACKER DEPTH, PERFORATIONS, SHOTS/FT, OPEN HOLE, TREATMENT VIA.

WARRANTIES - LIMITATION OF REMEDY... INSTRUCTION PRIOR TO JOB Cement One Well

JOB SUMMARY DESCRIPTION OF JOB EVENTS Pump 2 sized with Halls, Mix and pump 2 BBLs Dye marker with mud flush Mixed and pumped 210 sks 50/50 Por Mix Cement with 5% Ca/Senite salt, 2% Gel to #16 seal. Lead cement at 138" #16 100 sks Tail Cement at 145" #16 110 sks Flush pump clear w/ cement. Pump #2 rubber plug to full depth of casing. Pressure up to 800 # PSI well held good. Checked well with 1192. Plug set at 1249' Circulated 5 bbls good Cement returns.

Table with columns: PRESSURE SUMMARY, BREAKDOWN or CIRCULATING, FINAL DISPLACEMENT, ANNULUS, MAXIMUM, MINIMUM, AVERAGE, ISIP, 5 MIN SIP, 15 MIN SIP.

AUTHORIZATION TO PROCEED William Parks

ALL THE TERMS AND CONDITIONS STATED ON THE REVERSE SIDE ARE INCORPORATED AS PART OF THIS SALE.

Table with columns: TYPE OF TREATMENT, SURFACE PIPE, ACID BREAKDOWN, PRODUCTION CASING, ACID STIMULATION, SQUEEZE CEMENT, ACID SPOTTING, PLUG & ABANDON, FRAC, PLUG BACK, FRAC + NITROGEN, MISC PUMP, FOAM FRAC, OTHER, NITROGEN.

Table with columns: SERVICE CONDITIONS, PRESSURE LIMITATIONS, THEORETICAL, INSTRUCTED, SURFACE PIPE, ANNULUS LONG STRING, TUBING.

THE customer shall at all time have complete control of the well... 389 PU 26, 128 PPT OPY, 122 BT DL, 142 7/5 7-78 2P

JOB SUMMARY... Pump 2 sized with Halls, Mix and pump 2 BBLs Dye marker with mud flush Mixed and pumped 210 sks 50/50 Por Mix Cement with 5% Ca/Senite salt, 2% Gel to #16 seal. Lead cement at 138" #16 100 sks Tail Cement at 145" #16 110 sks Flush pump clear w/ cement. Pump #2 rubber plug to full depth of casing. Pressure up to 800 # PSI well held good. Checked well with 1192. Plug set at 1249' Circulated 5 bbls good Cement returns.

Table with columns: TREATMENT RATE, BREAKDOWN BPM, INITIAL BPM, FINAL BPM, MINIMUM BPM, MAXIMUM BPM, AVERAGE BPM.

TITLE DATE