

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: 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. _____
10/17/02 10/22/02 1/13/03
Spud Date or 10/22/02 Date Reached TD 1/13/03 Completion Date or
Recompletion Date 10/17/02 Recompletion Date

API No. 15 - 125-30184-00-00
County: Montgomery
SE SW SW Sec. 13 Twp. 31 S. R. 15 East West
504' FSL feet from S / N (circle one) Line of Section
4225' 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: Newmaster Well #: D1-13
Field Name: Neodesha
Producing Formation: Penn Coals
Elevation: Ground: 900' Kelly Bushing: _____
Total Depth: 1250' Plug Back Total Depth: 1236'
Amount of Surface Pipe Set and Cemented at 23' 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 WFM 3/16/03
(Data must be collected from the Reserve Pit)
Chloride content NA ppm Fluid volume 105 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: 4-8-03
Subscribed and sworn to before me this 8th day of April,
2003.
Notary Public: Karen L. Welton
Date Commission Expires: _____

KCC Office Use ONLY
Deny Letter of Confidentiality Attached DPW
If Denied, Yes Date: 04-23-03
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Karen L. Welton
Notary Public, Ingham County, MI
My Comm. Expires Mar. 3, 2007

ORIGINAL

Operator Name: Dart Cherokee Basin Operating Co., LLC Lease Name: Newmaster Well #: D1-13
 Sec. 13 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.

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	Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name Top Datum See Attached RECEIVED KANSAS CORPORATION COMMISSION APR 10 2003 CONSERVATION DIVISION WICHITA, KS
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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"		23'	Class A	4	
Prod	6 3/4"	4 1/2"	10.5	1241'	50/50 Poz	190	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	999'-1002.5'	450 gal 7 1/2% ac, 4960# sd & 240 BBL fl	
6	1062.5'-1063.5'	350 gal 10% ac & 240 BBL fl	
4	1000'-1002'	350 gal 10% ac & 240 BBL fl	
6	924'-925'	350 gal 10% ac & 170 BBL fl	
4	836'-841'	350 gal 10% ac & 150 BBL fl	

TUBING RECORD	Size <u>2 3/8"</u>	Set At <u>1154'</u>	Packer At <u>NA</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr. <u>2/10/03</u>	Producing Method Flowing <input type="checkbox"/> <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil <u>NA</u>	Bbls.	Gas <u>15</u>	Mcf	Water <u>20</u>	Bbls.	Gas-Oil Ratio <u>NA</u>	Gravity <u>NA</u>
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Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Sumit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____

**Drillers Log
McPherson Drilling LLC**

ORIGINAL

Rig: 3			
API No. 15- 125-30184-0000	Elev. 900'		
Operator: Dart Cherokee Basin Operating Co. LLC			
Address: P.O. Box 177 Mason, MI 48854-0177			
Well No: D1-13	Lease Name:	Newmaster	
Footage Location:	504 ft. from the	South	Line
	4225 ft. from the	East	Line
Drilling Contractor:	McPherson Drilling LLC		
Spud date: 10/17/02	Geologist:	Gary Laswell	
Date Completed: 10/21/02	Total Depth:	1250'	

S. 13	T. 31 S	R. 15 E
Loc:	SE SW SW	
County:	MG	

<p>Gas Tests:</p> <p align="center">RECEIVED KANSAS CORPORATION COMMISSION</p> <p align="center">APR 10 2003</p> <p align="center">CONSERVATION DIVISION WICHITA, KS</p>

Casing Record		
	Surface	Production
Size Hole:	11"	6 3/4"
Size Casing:	8 5/8"	
Weight:	32#	
Setting Depth:	23'	
Type Cement:	Portland	
Sacks:	4	

Rig Time:

Well Log								
Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
soil/clay	0	15	sand/shale	768	780	coal	1226	1227
shale	15	71	1st Oswego	780	809 oil	shale	1227	1234
lime	71	77	Summit	809	816	Mississippi	1234	1250
shale	77	142	2nd Oswego	816	834			TD
sand	142	153 no sho	Mulky	834	840			
shale	153	212	3rd Oswego	840	847			
lime	212	236	shale	847	863			
shale	236	258	coal	863	866			
lime	258	303	sand/shale	866	887			
sand	303	374 no sho	coal	887	890			
shale	374	382	sand/shale	890	921			
lime	382	398	coal	921	923			
shale	398	407	shale	923	959			
sand/shale	407	417	coal	959	960			
shale	417	511	sand/shale	960	996			
lime	511	535	coal	996	999			
shale	535	551	oil sand	999	1012			
lime	551	574	sand/shale	1012	1015			
shale	574	609	oil sand	1015	1028			
sand	609	629 no sho	sand/shale	1028	1036			
shale	629	693	oil sand	1036	1057			
pink lime	693	714 oil	sand/shale	1057	1198			
shale	714	768	sand	1198	1226 no sho			

Test Mon. morning 73.6 MCF
a lot of water @ 1200'
watered out @ 1250'

CONSOLIDATED INDUSTRIAL SERVICES, INC.
211 W. 14TH STREET, CHANUTE, KS 66720
316-431-9210 OR 800-467-8676

APR 10 2003

TICKET NUMBER 14544

LOCATION Chanute, KS

FOREMAN Jim Green

TREATMENT REPORT
CONSERVATION DIVISION
WICHITA, KS

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
10-21-02	2368	Newmaster D1-13		13	315	15E	MG	
CHARGE TO				OWNER				
MAILING ADDRESS				OPERATOR				
CITY				CONTRACTOR				
STATE		ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION				TIME LEFT LOCATION				

WELL DATA	
HOLE SIZE	6.75
TOTAL DEPTH	1252'
CASING SIZE	4 1/2"
CASING DEPTH	1241' Insert at 1236'
CASING WEIGHT	
CASING CONDITION	
TUBING SIZE	
TUBING DEPTH	
TUBING WEIGHT	
TUBING CONDITION	
PACKER DEPTH	
PERFORATIONS	
SHOTS/FT	
OPEN HOLE	
TREATMENT VIA	

TYPE OF TREATMENT	
<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input checked="" type="checkbox"/> PRODUCTION CASING	<input type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISC PUMP	<input type="checkbox"/> FOAM FRAC
<input type="checkbox"/> OTHER	<input type="checkbox"/> NITROGEN

PRESSURE LIMITATIONS		
	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

INSTRUCTIONS PRIOR TO JOB

Cement One Well

389 PU 56, 128 P7 OP, 230 BT 5B, 1/5 142 & 7-78 LP

JOB SUMMARY

DESCRIPTION OF JOB EVENTS

Establish circulation mix and pump 25x gal with 1/2 lbs Pump 12 BBLs dye marker with mud flush. Mixed and pumped 190 sk 50/50 Poz mix cement with 5" Gilscrete, 5% salt, 2% Gel 1/4" flu-seal, lead at 13.8" 90 sk & tail at 14.5" PPG, 100 sk. Flush pump clear of cement. Pump 4 1/2" rubber plug to total depth of casing. Circulating 5 BBLs cement return. Pressure up to 500" PSI set float, check with wireline. Plug set at 1236'

PRESSURE SUMMARY	
BREAKDOWN or CIRCULATING	psi
FINAL DISPLACEMENT	psi
ANNULUS	psi
MAXIMUM	psi
MINIMUM	psi
AVERAGE	psi
ISIP	psi
5 MIN SIP	psi
15 MIN SIP	psi

TREATMENT RATE	
BREAKDOWN BPM	
INITIAL BPM	
FINAL BPM	
MINIMUM BPM	
MAXIMUM BPM	
AVERAGE BPM	
HYD HHP = RATE X PRESSURE X 40.8	

AUTHORIZATION TO PROCEED

William Barks

TITLE

DATE

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