

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: RECEIVED  
NEW  New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  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. \_\_\_\_\_  
10-16-02 10-19-02 1-10-03  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 125-30193-00-00  
County: Montgomery  
C NE NE Sec. 27 Twp. 33 S. R. 14  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: Manning Well #: A4-27  
Field Name: Wayside-Havana  
Producing Formation: Penn Coals  
Elevation: Ground: 917' Kelly Bushing: \_\_\_\_\_  
Total Depth: 1572' Plug Back Total Depth: 1556'  
Amount of Surface Pipe Set and Cemented at 21 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 As II with 3/17/06  
(Data must be collected from the Reserve Pit)  
Chloride content NA ppm Fluid volume 115 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: Lentz 1 License No.: 33074  
Quarter SE Sec. 18 Twp. 31 S. R. 16  East  West  
County: Montgomery Docket No.: D-25956

**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.

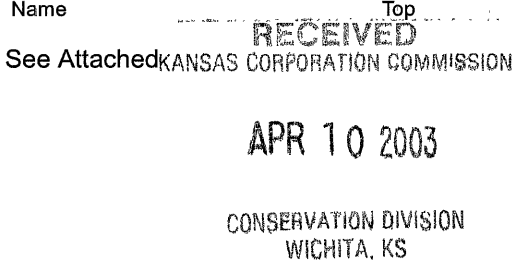
Signature: Beth Oswald  
Title: Engr Asst Date: 4-8-03  
Subscribed and sworn to before me this 8th day of April,  
2003  
Notary Public: Karen L. Welton  
Date Commission Expires: My Comm. Expires Mar. 3, 2007

**KCC Office Use ONLY**

NO Letter of Confidentiality Attached DPW  
If Denied, Yes  Date: 04-23-03 62  
YES Wireline Log Received  
NO Geologist Report Received  
\_\_\_\_ UIC Distribution

Operator Name: Dart Cherokee Basin Operating Co., LLC Lease Name: Manning Well #: A4-27  
 Sec. 27 Twp. 33 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	Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name _____ Top _____ Datum _____ <div style="text-align: center;">  <p>RECEIVED                      APR 10 2003                      CONSERVATION DIVISION                      WICHITA, KS</p> </div>
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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"		21	Class A	4	
Prod	6 3/4"	4 1/2"	10.5	1558'	50/50 Poz	250	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	1432'-1433', 1390'-1391'	400 gal 7 1/2% ac, 2700# sd & 200 BBL fl	
4	1141'-1142.5'	500 gal 7 1/2% ac, 2670# sd & 170 BBL fl	
4	1071.5'-72.5', 1075'-77.5', 1051.5'-56', 1022'-25.5'	600 gal 7 1/2% ac, 5500# sd & 320 BBL fl	
	1022'-1025.5'	150 gal 15% ac, 750# sd & 100 BBL fl	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	1471'	NA	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Date of First, Resumed Production, SWD or Enhr.		Producing Method			
2/26/03		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	28	17	NA	NA

Disposition of Gas  Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled \_\_\_\_\_  
*(If vented, Sumit ACO-18.)*  Other (Specify) \_\_\_\_\_

Thornton Drilling Company

2604 Co-op Drive  
Van Buren, AR 72956

APR 10 2003

Fax  
501-410-1331

Office Phone  
501-410-1311

CONSERVATION DIVISION

Operator:	Well No.	Lease	Loc.	1/4	1/4	WICHITA, KS	Sec.	Twp.	Rge.
DART OIL COMPANY	A4-27	MANNING					27	33	14
County:	State:	Type/Well	Depth:	Hours:	Date Started:	Date Completed:			
MONTGOMERY	KANSAS		1572'		10-16-02	10-18-02			

Driller:	Driller:	Casing Used:	Cement Used:	Rig No.
WOODY HOUSE	(TOOL PUSHER CLARENCE KELLY)	20'	THORNTON DRILLING	11

From	To	Formation	From	To	Formation	From	To	Formation
0	6	SOIL	6	12	SANDSTONE	12	24	SAND (WET)
24	240	SHALE	240	283	SAND	283	340	SHALE
340	375	SAND	375	388	LIME	388	468	SHALE
468	481	LIME	481	527	SAND	527	661	SHALE
661	674	SAND	674	678	SHALE	678	724	SAND
724	736	SANDY SHALE	736	749	LIME	749	772	SAND
772	781	SANDY SHALE	781	806	SAND	806	878	SHALE
878	899	LIME	899	914	SHALE	914	925	SAND (PERU)
925	983	SANDY SHALE	983	1015	LIME (OSWEGO)	1015	1027	SHALE (SUMMIT)
1027	1043	LIME	1043	1054	SHALE (MULKY)	1054	1064	LIME
1064	1069	SHALE	1069	1072	COAL	1072	1155	SHALE
1155	1158	COAL	1158	1385	SHALE	1385	1386	COAL
1386	1422	SHALE	1422	1424	COAL? (RIVERTON)	1424	1454	SHALE
1454	1478	CHAT (MISS)	1478	1572	LIME			
	1572	TD						

APR 10 2003

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

CONSERVATION DIVISION  
WICHITA, KS  
TREATMENT REPORT

ORIGINAL 4543  
TICKET NUMBER  
LOCATION Chanute, Ks.  
FOREMAN Jim Green

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
10-18-02	2368	Manning #4-20	NENE	27	33s	14E	M6	
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 3/4"
TOTAL DEPTH	1572'
CASING SIZE	4 1/2"
CASING DEPTH	1563' Insert Valve at 1558'
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

389 PU 56, 128 P TOP, 122 BT 6W, T/5 414; T-33 GT

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Establish circulation, mix and pump 250 gal with Halls Pump 19 BBLs dye marker with mud flush. mix and pump 250 gal 50/50 mix cement with 5% Gilsenite, 5% salt, 2% Gel, 4" E10-seal. Pump 120 gal lead into 13.8" PPG & Tail at 14.5" PPG 130 gal flush pump clear of cement. Pump 4 1/2" Rubber plug to total depth of casing. Circulating 6 BBLs remain cement. Pressure up, well held good. Set float check with wireline, plug set at 1558'.

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 [Signature]

TITLE

DATE

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