

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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>10-11-02</u>	<u>10-16-02</u>	<u>11-5-02</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-30189-00-00
County: Montgomery
~~NWNE~~ ~~NE NW~~ Sec. 9 Twp. 31 S. R. 15 East West
4620' FSL feet from S / N (circle one) Line of Section
1981' 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: Dougherty Well #: A3-9

Field Name: Jefferson-Sycamore

Producing Formation: Penn Coals

Elevation: Ground: 852' Kelly Bushing: _____

Total Depth: 1364' Plug Back Total Depth: 1346'

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

(Data must be collected from the Reserve Pit)

Chloride content NA ppm Fluid volume 125 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: Lavelly 4C License No.: 33074

Quarter NE Sec. 3 Twp. 31 S. R. 15 East West

County: Montgomery Docket No.: D-23422

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

Date Commission Expires: _____

KCC Office Use ONLY

~~Deny~~ Letter of Confidentiality Attached DPW

If Denied, Yes Date: 04-23-03 (2)

YES Wireline Log Received

NO Geologist Report Received

____ UIC Distribution

Operator Name: Dart Cherokee Basin Operating Co., LLC Lease Name: Dougherty Well #: A3-9
 Sec. 9 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"		21'	Class A	4	
Prod	6 3/4"	4 1/2"	10.5	1346'	50/50 Poz	175	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	1204'-1205', 1072'-1074', 1019'-1024.5'	600 gal 7 1/2% ac, 7400# sd & 340 BBL fl	
4	948'-950'	400 gal 7 1/2% ac, 2600# sd & 220 BBL fl	
4 / 2	885.5'-887' / 848.5'-854'	550 gal 7 1/2% ac, 10600# sd & 435 BBL fl	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	1226'	NA	Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.			Producing Method		
11/19/02			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	26	76	NA	NA

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

**Drillers Log
McPherson Drilling LLC**

Rig: 3	Elev. 853'
API No. 15- 125-30189-0000	
Operator: Dart Cherokee Basin Operating Co. LLC	
Address: P.O. Box 177 Mason, MI 48854-0177	
Well No: A3-9	Lease Name: Dougherty
Footage Location:	4620 ft. from the South Line 1981 ft. from the East Line
Drilling Contractor: McPherson Drilling LLC	
Spud date: 10/11/02	Geologist: Bill Barks
Date Completed: 10/15/02	Total Depth: 1364'

S.9 T. 31 S R. 15 E
Loc: NW NE
County: Montgomery

Gas Tests:
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Casing Record		
	Surface	Production
Size Hole:	11"	6 3/4"
Size Casing:	8 5/8"	
Weight:	32#	
Setting Depth:	22'	
Type Cement:	Portland	
Sacks:	4	

Rig Time:

Well Log								
Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
soil/clay	0	4	sand/shale	682	723	coal	1069	1072
lime	4	17	pink lime (odor)	723	744	sand/shale	1072	1087
shale	17	98	shale	744	753	oil sand	1087	1103
lime	98	130	sand (no sho)	753	762	sand/shale	1103	1131
shale	130	143	sand/shale	762	799	sand (no sho)	1131	1170
lime	143	177	1st Oswego	799	827	coal	1170	1172
shale	177	183	Summit	827	834	sand (no sho)	1172	1203
sand/shale	183	224	2nd Oswego	834	847	coal	1203	1207
lime	224	267	Mulky	847	857	shale	1207	1209
shale	267	276	3rd Oswego	857	863	Mississippi	1209	1364
lime	276	332	shale	863	884			TD
shale	332	340	coal	884	886			
sand (no sho)	340	403	sand/shale	886	912			
lime	403	422	oil sand	912	920			
shale	422	492	sand/shale	920	946			
lime	492	495	coal	946	948			
shale	495	531	shale	948	955			
lime	531	559	oil sand	955	980			
shale	559	571	sand/shale	980	995			
lime	571	591	coal	995	998			
shale	591	614	sand/shale	998	1016 odor			
sand/shale	614	636	coal	1016	1019			
sand (no sho)	636	682	sand/shale	1019	1069 odor			

Customer will be responsible for and shall indemnify and hold COWS harmless for any and all liability for damages as a result of a purchase thereof. **CONSOLIDATED OIL WELL SERVICES, INC.**
211 W. 14TH STREET, CHANUTE, KS: 66720
620-431-9210 OR 800-467-8676

TERMS
 in consideration of the price to be charged for our services, equipment and products as set forth in the contract, COWS curren Price Schedule, and for the performance of services, the customer agrees to the following terms:
TICKET NUMBER 22222
LOCATION Chanute, KS
FOREMAN [Signature]

TREATMENT REPORT

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
10/15/02		Chanute 2309					Woodsburg	
CHARGE TO				OWNER				
MAILING ADDRESS				OPERATOR				
CITY				CONTRACTOR				
STATE				DISTANCE TO LOCATION				
ZIP CODE				TIME ARRIVED ON LOCATION				
TIME ARRIVED ON LOCATION				TIME LEFT LOCATION				

WELL DATA

HOLE SIZE	6 3/4
TOTAL DEPTH	1340
CASING SIZE	4 1/2
CASING DEPTH	1340
CASING WEIGHT	2WOW
CASING CONDITION	
TUBING SIZE	
TUBING DEPTH	
TUBING WEIGHT	
TUBING CONDITION	
PACKER DEPTH	
PERFORMANCES - LIMITATION OF WARRANTIES	
SHOTS/FT	
OPEN HOLE	
TREATMENT VIA	

TYPE OF TREATMENT

<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input type="checkbox"/> PRODUCTION CASING	<input type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> CHOCOLATE 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

SERVICE CONDITIONS

THEORETICAL	INSTRUCTED
SURFACE PIPE	
ANNULUS LONG STRING	
TUBING	

RECEIVED
KANSAS CORPORATION
WICHITA, KS
JOB SUMMARY

APR 10 2003
 The customer shall be responsible for and shall indemnify and hold COWS harmless for any and all liability for damages as a result of a purchase thereof. A responsible representative of the customer shall be present to specify the pressure or materials used for any service or materials used for any service.

DESCRIPTION OF JOB EVENTS:
 Ran 2000 lbs of cement, 5# gilsonite 5% salt, 2% oel x 4# flo seal, 2# wash down, washed up behind plug & pumped plug to bottom. 2# Acid cement & shut in.

Customer shall be responsible for and shall indemnify and hold COWS harmless for any and all liability for damages as a result of a purchase thereof. A responsible representative of the customer shall be present to specify the pressure or materials used for any service.

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

AUTHORIZATION TO PROCEED [Signature]

TITLE [Signature] DATE 10/15/02