

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. _____
10-9-02 10-12-02 10-31-02
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 125-30186-00-00
County: Montgomery
NE NW Sec. 3 Twp. 31 S. R. 15 East West
4430' FSL feet from S N (circle one) Line of Section
3300' 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: M Horner Well #: A2-3
Field Name: Sycamore Valley
Producing Formation: Penn Coals
Elevation: Ground: 892' Kelly Bushing: _____
Total Depth: 1234' Plug Back Total Depth: 1197'
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 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: 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
Date Commission Expires: _____
Notary Public, Ingham County, MI
My Comm. Expires Mar. 3, 2007

KCC Office Use ONLY

Deny Letter of Confidentiality Attached DPW
If Denied, Yes No Date: 0423-03 (2)
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: Dart Cherokee Basin Operating Co., LLC Lease Name: M Horner Well #: A2-3
 Sec. 3 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 Yes No
(Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy)

List All E. Logs Run:

High Resolution Compensated Density Neutron

Log Formation (Top), Depth and Datum Sample
 Name Top Datum

See Attached
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 KANSAS CORPORATION COMMISSION

APR 10 2003

CONSERVATION DIVISION
 WICHITA, KS

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	1220'	50/50 Poz	160	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	1059.5'-1063', 1026'-1028'	500 gal 7 1/2% ac, 6800# sd & 340 BBL fl	
4	918'-920'	400 gal 7 1/2% ac, 2385# sd & 235 BBL fl	
2	861.5'-863', 823.5'-828.5'	500 gal 7 1/2% ac, 6660# sd & 380 BBL fl	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	1100'	NA	Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Enhr.	Producing Method
11/22/02	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	92	82	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. 892'
API No. 15- 125-30186-0000	
Operator: Dart Cherokee Basin Operating Co. LLC	
Address: P.O. Box 177 Mason, MI 48854-0177	
Well No: A2-3	Lease Name: M. Homer
Footage Location: 4430 ft. from the South Line 3300 ft. from the East Line	
Drilling Contractor: McPherson Drilling LLC	
Spud date: 10/9/02	Geologist: Bill Barks
Date Completed: 10/11/02	Total Depth: 1234'

S.3 T. 31 S R. 15 E
Loc: NE NW
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.
lime	0	7	coal	697	699	sand	1083	1196
shale	7	12	shale	699	706	Mississippi	1196	1234
lime	12	14	pink lime	706	724	odor		TD
shale	14	33	shale	724	741			
lime	33	97	oil sand	741	778			
shale	97	115	1st Oswego	778	803	odor		
lime	115	118	Summit	803	811			
coal	118	119	2nd Oswego	811	822			
lime	119	177	Mulky	822	827			
coal	177	179	3rd Oswego	827	832			
sand/shale	179	226	shale	832	843			
lime	226	244	lime	843	845			
shale	244	247	shale	845	860			
lime	247	324	coal	860	863			
shale	324	362	shale	863	878			
sand/shale	362	390	sand/shale	878	916			
lime	390	419	coal	916	918			
shale	419	518	sand/shale	918	1034			
lime	518	546	coal	1034	1036			
shale	546	557	shale	1036	1047			
lime	557	583	sand	1047	1057			
shale/sand	583	653	coal	1057	1060			
sand (no sho)	653	697	oil sand	1060	1083			

A lot of water @ 1120'

Brian 406
Roger B. 152

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KANSAS CORPORATION COMMISSION

ORIGINAL

APR 10 2003

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

CONSERVATION DIVISION
WICHITA, KS

TICKET NUMBER 22221
LOCATION Bartlesville
FOREMAN Tracy L. Williams

TREATMENT REPORT

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
10-11-02		M. Horner A2-3		3	31S	15E	Montgomery	
CHARGE TO <u>Dart</u>				OWNER				
MAILING ADDRESS				OPERATOR				
CITY				CONTRACTOR				
STATE		ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION				TIME LEFT LOCATION				

WELL DATA	
HOLE SIZE	<u>6 3/4</u>
TOTAL DEPTH	<u>1234</u>
CASING SIZE	<u>4 1/2</u>
CASING DEPTH	<u>1225</u>
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		

INSTRUCTION PRIOR TO JOB

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Ran 20 sks of gel & broke circulation. Ran 14.5 bbl of dye then ran 80 sks of 13.6 ppg (50/50) pozmix 5# gilsonite, 5% salt, 3% gel & 1/4# flat finished with 14.5 bbl of the same cement. Shut down & washed up behind plug - Pumped plug to bottom & set AFU insert. Shut in. Circulated 1 1/2 bbl cement to pit. 160 sks of cement total Ran

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	