

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. _____

<u>11-1-02</u>	<u>11-20-02</u>	<u>12-11-02</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 205-25577-00-00
County: Wilson
SE NE Sec. 34 Twp. 30 S. R. 15 East West
3300' FSL feet from S N (circle one) Line of Section
~~644'~~ FEL 664' 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: Orr Well #: B4-34
Field Name: Neodesha

Producing Formation: Penn Coals
Elevation: Ground: 1012' Kelly Bushing: _____
Total Depth: 1310' Plug Back Total Depth: 1298'
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 _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ALT 2 DPW 3-1-06
(Data must be collected from the Reserve Pit)
Chloride content: NA ppm Fluid volume: 100 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: _____
Karen L. Welton
Notary Public, Ingham County, MI
My Comm. Expires Mar. 3, 2007

KCC Office Use ONLY
Deny Letter of Confidentiality Attached
If Denied, Yes No Date: 4-23-03 DPW
 Wireline Log Received
NO Geologist Report Received Drql. Log ✓
____ UIC Distribution

✓

Operator Name: Dart Cherokee Basin Operating Co., LLC Lease Name: Orr Well #: B4-34
 Sec. 34 Twp. 30 S. R. 15 East West County: Wilson

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 <input checked="" type="checkbox"/>	Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name Top Datum See Attached <div style="text-align: center;"> RECEIVED KANSAS CORPORATION COMMISSION APR 10 2003 CONSERVATION DIVISION WICHITA, KS </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"		20'	Class A	4	
Prod	6 3/4"	4 1/2"	10.5	1298'	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	1157'-1160', 1115.5'-1120'	400 gal 7 1/2% ac, 7575# sd & 350 BBL fl	
4	1039'-1040.5'	350 gal 7 1/2% ac, 2200# sd & 200 BBL fl	
4	980'-984'	500 gal 7 1/2% ac, 10400# sd & 400 BBL fl	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	1207'	NA	Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Enhr. 12/17/02		Producing Method			
		Flowing	<input checked="" type="checkbox"/> Pumping	Gas Lift	Other (Explain)
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	NA	18	90	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				
API No.	15- 205-2557700	Elev.	1012'	
Operator:	Dart Cherokee Basin Operating Co. LLC			
Address:	P.O. Box 177 Mason, MI 48854-0177			
Well No:	B4-26 34	Lease Name:	Orr	
Footage Location:		3300 ft. from the	South	Line
		664 ft. from the	East	Line
Drilling Contractor:	McPherson Drilling LLC			
Spud date:	11/11/02	Geologist:	Bill Barks	
Date Completed:	11/18/02	Total Depth:	1310'	

S. 26 T. 30 S R. 15 E
Loc: SE NE
County: Wilson

Gas Tests:
<p>RECEIVED KANSAS CORPORATION COMMISSION</p> <p>APR 10 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	3	lime	690	704	sand/shale	1115	1129
lime	3	92	shale	704	745	lime	1129	1151
shale	92	108	sand	745	796	coal	1151	1155
lime	108	117	sand/shale	796	814	oil sand	1155	1188
shale	117	161	coal	814	815	sand/shale	1188	1297
lime	161	203	shale	815	808	Mississippi	1297	1310 TD
shale	203	224	pink lime	808	837			
lime	224	227	shale	837	863			
sand	227	288 no sho	sand	863	893			
shale	288	296	1st Oswego	893	917			
coal	296	297	Summit	917	925			
shale	297	341	2nd Oswego	925	936			
lime	341	367	Mulky	936	942			
shale	367	378	3rd Oswego	942	947			
lime	378	407	shale	947	975			
shale	407	440	coal	975	980			
sand	440	453 no sho	shale	980	1007			
sand/shale	453	497	coal	1007	1008			
lime	497	532	shale	1008	1034			
shale	532	603	coal	1034	1037			
sand/shale	603	641	shale	1037	1053			
lime	641	673	sand/shale	1053	1112			
sand/shale	673	690	coal	1112	1115			

RECEIVED

KANSAS CORPORATION COMMISSION

ORIGINAL

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

APR 10 2003

TICKET NUMBER 23074

CONSERVATION DIVISION
TREATMENT REPORT

LOCATION Chanute, KS
FOREMAN Jim Green

1 of 2 wells

15 205 28 577 0000

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
11-19-02	2368	ORR 184-34	SENE	34	30S	15E	NO	
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	1310'
CASING SIZE	4 1/2"
CASING DEPTH	1303' Insert = 1298'
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 Cement One well

389 PU 56 12899 OP, 230 BT Jimb. 403 7/5 RT-59 RT

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Establish circulation Mix and pump 200 gal Pump 16 bbls Dye Marker with mud Flush Mix and Pump 210 cu 50% Pop Mix cement with 5" Gilsenite, 5% Salt 2% Gel, 1/4" F10-Seal Lead cement 100 cu 17.5 PPG Tail Cement at 1415 PPG 110 cu. Flush pump clear of cement Pump 4 1/2" rubber plug to total depth of casing. Circulating 5 bbls return cement to surface. Pressure upto 800 PSI well held good Set float. Check with wireline plug set at 1298'

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	4733
MINIMUM BPM	
MAXIMUM BPM	
AVERAGE BPM	

AUTHORIZATION TO PROCEED
William F. Barks TITLE DATE

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