ORIGINAL

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

Operator: License # 33074	API No. 15 - 205-26210-00-00
Name: Dart Cherokee Basin Operating Co., LLC	County: Wilson
Address: P O Box 177	SWSE_SE_Sec27_Twp30_SR14_
City/State/Zip: Mason MI 48854-0177	640' FSL feet from (S) / N (circle one) Line of Section
Purchaser: Oneok	690' FEL feet from (E) / W (circle one) Line of Section
Operator Contact Person: Beth Oswald	Footages Calculated from Nearest Outside Section Corner:
Phone: (517_) 244-8716	(circle one) NE (SE) NW SW
Contractor: Name: McPherson	Lease Name: Nightingale Well #: D4-27
License: 5675	Field Name: Cherokee Basin Coal Gas Area
Wellsite Geologist: Bill Barks	Producing Formation: Penn Coals
Designate Type of Completion:	Elevation: Ground: 899' Kelly Bushing:
✓ New Well Re-Entry Workover	Total Depth: 1506' Plug Back Total Depth: 1495'
Oil SWD Temp. Abd.	Amount of Surface Pipe Set and Cemented at 43 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ☐Yes ☑No
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth to sx cmt.
Well Name:	Division of the second of the
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) 10-24-08
Deepening Re-perf Conv. to Enhr./SWD	Chloride content ppm Fluid volume bbls
Plug Back Plug Back Total Depth	Dewatering method used
Commingled Docket No	
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
11-7-05 11-9-05 2-8-06	Lease Name: License No.:
Spud Date or Recompletion Date Date Reached TD Recompletion Date Completion Date or Recompletion Date	Quarter Sec Twp. S. R East West County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workov Information of side two of this form will be held confidential for a period of 107 for confidentiality in excess of 12 months). One copy of all wireline logs TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells	
All requirements of the statutes, rules and regulations promulgated to regulaterin are complete and correct to the best of my knowledge.	ate the oil and gas industry have been fully complied with and the statements
Signature Both Aswald	KCC Office Use ONLY
Title: Admn Fengr Asst Date: 3-2806	Letter of Confidentiality Attached
Subscribed and sworn to before me this 28 day of March	If Denied, Yes Date:
2006	Wireline Log Received RECEIVED
Notary Public: Sonnie X. Friend	MAR 3 1 2016
	BONNIE R. FRIEND IOTARY PUBLIC - MICHIGAN INGHAM COUNTY KCC WICHITA

My Commission Expires Nov 29, 2010 ACTING IN THE COUNTY OF INGHAM

Operator Name: Da	rt Cherokee Bas	in Opera	ating Co., LL	C Lea	se Name:_	Nightingale		Well #: D4-	-27
Sec. 27 Twp	30 s. R. <u>14</u>	. ✓ Eas	st West	Cour	nty: Wilso	on			
INSTRUCTIONS: S tested, time tool ope temperature, fluid re Electric Wireline Log	n and closed, flowin covery, and flow rate	g and shu	t-in pressures, surface test, a	whether long with	shut-in pre	ssure reached	static level, hydros	tatic pressure	
Drill Stem Tests Take		□ Y	∕es ✓ No		L	og Formati	on (Top), Depth ar	d Datum	✓ Sample
Samples Sent to Geological Survey		□ Y	′es ✓ No		Nam	e		Тор	Datum
Cores Taken		Y	′es ✓ No		See	Attached			
Electric Log Run (Submit Copy)		√ Y	'es No						
List All E. Logs Run:									
High Resolution Dual Induction	Compensated D	ensity N	leutron &						
		D	CASING						
Purpose of String	Size Hole		ze Casing		/eight	rmediate, product	Type of	# Sacks	Type and Percent
, , , , , , , , ,	Drilled	Se	ot (In O.D.) 8 5/8"	Lb	s. / Ft.	Depth	Cement	Used	Additives
Su					24#	43'	Class A	8	0 04
Pro	6 3/4"		4 1/2"		10.5#	1503'	Thick Set	150	See Attached
		<u> </u>	ADDITIONAL	0514511	TINIO / 001	15575 D5000			
Purpose:	Depth	T		1		JEEZE RECORD			
Perforate Protect Casing	Top Bottom	Туре	e of Cement	#5ac	ks Used	Used Type and Percent Additives			
Plug Back TD Plug Off Zone									
	DEDEODAT	ON BECO	RD - Bridge Plug	o Sot/Tur		Acid Fro	eturo Shot Comont	Saucozo Pogor	
Shots Per Foot			Each Interval Per			Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth			
4				1312.5	5' - 1314'	l' 500 gal 15% HCl, 2510# sd, 233000 scf N2, 2000 BBL fl			
4				1106.5	5' - 1108'	500 gal 15% H	CI, 6100# sd, 15200	00 scf N2, 345	5 BBL fl
4				1044.5	5' - 1047'	500 gal 15% H	CI, 8310# sd, 9600	0 scf N2, 204	0 BBL fl
4			994' - 9	97' / 97	76' - 979'	500 gal 15% H	CI, 24150# sd, 2130	00 scf N2, 162	O BBL fi
4					.5' - 865'		CI, 8775# sd, 9400	0 scf N2, 182	5 BBL fi
TUBING RECORD	Size 2 3/8"	Set At 146		Packe N	r At A	Liner Run	Yes ✓ No		
Date of First, Resumed	Production, SWD or E 3-2-06	nhr.	Producing Meth	od	Flowing	y ✓ Pumpii	ng Gas Lift	Othe	ər (Explain)
Estimated Production Per 24 Hours	Oil NA	Bbls.	Gas 7	Mcf	Wate	or B	bls. Ga	is-Oil Ratio	Gravity NA
Disposition of Gas	METHOD OF	• • • • • • • • • • • • • • • • • • • •			l	Production Inter	val		
Uented ✓ Sold	Used on Lease		Open Hole		erf. D	ually Comp.	Commingled	F	RECEIVED
. ,	·		Other (Speci	·y/				F	4AR 3 : 2005

KCC WICHITA

McPherson Drilling LLC Drillers Lo

 Rig Number:
 1
 S. 27
 T. 30
 14 E

 API No.
 15- 205-26210
 County:
 Wilson

 Elev.
 899'
 Location:

Operator: Dart Cherokee Basin Operating Co. LLC

Address: 211 W. Myrtle

Independence, KS 67301

Well No: D4-27

Lease Name: Nightengale

Footage Location: 640 ft. from the South Line 490 ft. from the East Line

Drilling Contractor: McPherson Drilling LLC

Spud date: 11/7/2005

Geologist:

Date Completed: 11/9/2005 Total Depth: 1506'

Casing Record			Rig Time:
	Surface	Production	
Size Hole:	11"	6 3/4"	
Size Casing:	8 5/8"		i
Weight:	20#	1	
Setting Depth:	43'	McP	
Type Cement:	Portland	1	Driller - Andy Coats
Sacks:	8	McP	

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		·	
'ommente:			
comments: tart injecting	water @		

Gas Tests:

				Well Log				
Formation	Тор	Btm.	Formation	Тор	Btm.	Formation	Тор	Btm
soil	0	7	shale	987	1043			
lime	7	18	coal	1043	1045			
shale	18	42	shale	1045	1087			
lime	42	87	coat	1087	1088			
shale	87	310	shale	1088	1162			
sand (wet)	310	351	coal	1162	1164			
shale	351	397	shale	1164	1247			
lime	397	410	red shale	1247	1281			
shale	410	460	shale	1281	1306	į.		
lime	460	522	coal	1306	1308	İ		
shale	522	565	shale	1308	1342			
lime	565	585	coal	1342	1344			
shale	585	605	shale	1344	1357			
lime	605	723	Mississippi	1357	1506 TD			
shale	723	731						
sand shale	731	884						
coal	884	856						
pink lime	856	875						
shale	875	739						
oswego	739	962						
summitt	962	968						
oswego	968 -	977					RECEI	VED
mulkey	977	982						
oswego	982	987					MAR 3 1	ZUUD
						M	CCWIC	م الماليات

CONSOLIDATED OIL WELL SERVICES, INC. CO. BOX 884, CHANUTE, KS 66720

LOCATION EUREKA

FOREMAN KEUN MCC64

TREATMENT REPORT & FIELD TICKET

07844 TICKET NUMBER :

		IKEAIM	ENT REPORT	& FIELD TIC	CKET	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
DATE	CUSTOMER #		CEMEN	NT in the latest	Asset in the second		
		WELL NAME 8	NUMBER .	SECTION	TOWNSHIP	RANGE	COUNTY
1-10-05 ISTOMER_	2368	NightingAle	D4-27	37	305	IME	WILSON
Di	art cheen	Kee BASIN					
ILING ADDRE	ESS		Gus	TRUCK#	DRIVER	TRUCK#	DRIVER
354	1 Co. Rd	m (Table) to the control of	Jones	445	RICK		
<u>Y</u>		STATE ZIP COD	***	439	Justin	Marie Commence	T
Indepen	ndence	the state of the s		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	el dubastro, con		
	,		0/	118.18	(\$143se = 150 + 15);	1 24 2 444 - 2 4 1	 -
		HOLE SIZE 63/4	HOLE DEPTH	1586'	CASING SIZE & V	VEIGHT 4/4	0 5# 400
ING DEPTH	- 44	ORILL PIPE	TUBING		e i e i energia de la casa de la Casa de la casa de la c	OTHER	<u> </u>
	T /3,2 4	BLURRY VOL. 46 B6L	WATER gal/s	k 8. 0	CEMENT LEFT in		
	23.986C	ISPLACEMENT PSI /OC	00 100 100	n 0 - 0/	アクス とうれい かけんしょく		
IARKS	Esty Mect	ma: Ria ma	wast don't		2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2	* ****** ***	
75 BbL	FResh. Pun	mg: Rigup	Charles India	TO YE CA	sing. BRE	AK CIRCUI	ATION WI
in up	to Coment	Pump 10 B	TON BUT H	cells while	e washing	down 1	of CAS
hick Se	+ Coment	Pump 10 8	be toamer	10 BBL 41	eesh wate	. Mixea	150 5KS
ut Pum							
NAL P	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	Shut down.	Kelease Plu	g. DISPIACE	w/ 23.9	BAL FRE	esh water
100 Co.	Prose	FIORT Held	Bump Pl	9 to 1500	psi wa	H 5 min	ches
2/ense	/ KE330/CL	FLORT Held.	Shut CASI	~9 1000	est. Gan	1	60.2
O SURF	Ace = 6.85	L STURRY. JO	6 Complete	e. Rie dai	Mad	Cernent	NO TORN.
<u> </u>					100 mg	· · · · · · · · · · · · · · · · · · ·	
		•				1, 6,	
CODE	QUANTITY of	UNITS	DESCRIPTION of	SERVICES or PRO	Auga Bawas VI		
401	1	PINE			4.5.5%。 方面 at 14.4%。	UNIT PRICE	TOTAL
406	36	PUMP CH			VACCOUNTY OF	765.00	765.00
		MILEAGE	· · · · · · · · · · · · · · · · · · ·			3.00	108.00
		The state of the s		in the second second	Property of the second second		. 50.00

ACCOUNT	QUANTITY or UNITS	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	医格尔氏试验检尿) <u>.</u>
CODE	The state of the s	DESCRIPTION of SERVICES of PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE -		\
5406	36	MILEAGE	765.00	765.00
		The second secon	3.00	108.00
1126 A	150 5K5		<u> </u>	
1110 A	24 5Ks	KOL-SEAL 8 # Palsk	13.00	1950.00
·		NOT STAL 8 POLISK	16.90	405.60
1118 A	4 sks	Set Flush		
1105	1 58	Hulls	6.63	26.52
		Macus	14.50	14.50
5407	7.35	The second of th		
4404	8.25 18NS	Ton Mikage Bulk TRUCK	MIC	260.00
/-238	The state of the s	Ta Too Rubbee Plant the state of the state of	38.00	
1205	1 946	>0AD	32.15	38.00 32.15
203	- 2 gal	BI-Cide	24.15	48.30
7/		REVEIVED -		10.30
3.7.7.7.2	V 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	MAD 7 1 2005	er Magazini i jilgeril	
		9,00,000	TE TO SEE THE SEE	
		KCC WICHTA	· · · · · · · · · · · · · · · · · · ·	
			Sub Total	3648.07
·L.		Thank You 6.3%	SALES TAX	
-	[1	200896	ESTIMATED	153.37
HORIZATION_	Lackstr		TOTAL	3801.44
,		TITLE	DATE	

DATE