CONFIDENTIAL

Kansas Corporation Commission . Oil & Gas Conservation Division

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL September 1999 Form Must Be Typed

nntgomery NE_NE_Sec6_Twp33_S. R14_
feet from S / N (circle one) Line of Section feet from E / W (circle one) Line of Section feet from E / W (circle one) Line of Section flect from E / W (circle one
feet from S / N (circle one) Line of Section feet from E / W (circle one) Line of Section fliculated from Nearest Outside Section Corner: ficte one) NE SE NW SW R&L Jones Well #: A4-6 Cherokee Basin Coal Gas Area formation: Penn Coals fround: 866' Kelly Bushing: 1565' Plug Back Total Depth: 1555' furface Pipe Set and Cemented at 46 Feet five Cementing Collar Used? Yes No depth set Feet I completion cement circulated from 1559 d Management Plan collected from the Reserve Pit) tent ppm Fluid volume bbls method used find disposal if hauled offsite:
feet from E / W (circle one) Line of Section cloulated from Nearest Outside Section Corner: cle one) NE SE NW SW R&L Jones Well #: A4-6 Cherokee Basin Coal Gas Area cormation: Penn Coals cround: 866' Kelly Bushing: 1565' Plug Back Total Depth: 1555' curface Pipe Set and Cemented at 46 Feet ge Cementing Collar Used? Yes No depth set Feet I completion cement circulated from 1559 d Management Plan collected from the Reserve Pit) tent ppm Fluid volume bbls method used luid disposal if hauled offsite:
Ideulated from Nearest Outside Section Corner: Incle one) NE SE NW SW R&L Jones Well #: A4-6 Cherokee Basin Coal Gas Area Dormation: Penn Coals Incound: 866' Kelly Bushing: 1565' Plug Back Total Depth: 1555' Increase Pipe Set and Cemented at 46 Feet Ideo Cementing Collar Used? Yes No Ideo Management Plan Collected from the Reserve Pit) Identify Depth: Section Corner: Ideo Management Plan Collected from the Reserve Pit) Identify Depth: Section Corner: Ideo Management Plan Collected from the Reserve Pit) Identify Depth: Section Corner: Ideo Management Plan Collected from the Reserve Pit) Identify Depth: Section Corner: Ideo Management Plan Collected from the Reserve Pit) Identify Depth: Section Corner: Ideo Management Plan Collected from the Reserve Pit) Identify Depth: Section Corner: Ideo Management Plan Collected from the Reserve Pit) Ideo Management Plan Collected from the Reserve Pit) Ideo Management Plan Collected from the Reserve Pit)
R&L Jones
R&L Jones Well #: A4-6 Cherokee Basin Coal Gas Area Dormation: Penn Coals Bround: 866' Kelly Bushing:
Cherokee Basin Coal Gas Area Description
bormation: Penn Coals fround: 866' Kelly Bushing:
Kelly Bushing:
Plug Back Total Depth: 1555' ### Urface Pipe Set and Cemented at 46
urface Pipe Set and Cemented at 46 Feet ge Cementing Collar Used? Yes No depth set Feet I completion cement circulated from 1559 w/ 165 sx cmt. d Management Plan collected from the Reserve Pit) tent ppm Fluid volume bbls method used luid disposal if hauled offsite:
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Sec Twp. S. R East West
Docket No.:
Sec Twp. S. R

PRANBY® ALLCOCK

Fictory Public - Michigan
Jackson County

Ty Commission Expires
March 05, 2011

Wireline Log Received

UIC Distribution

Geologist Report Received

CONSERVATION DIVISION WICHITA, KS

RECEIVED KANSAS CORPORATION COMMISSION î

Port.	Charakaa Basir	. Oporati	ina Co. II C			281 lones		Δ4.	.6	
perator Name: Dart								Well #: A4		
_{ec.} 6 _{Twp.} 33	S. R. 14	✓ East	West	County:	IVION	tgomery				
NSTRUCTIONS: Show ested, time tool open a emperature, fluid recover lectric Wireline Logs s	and closed, flowing very, and flow rates	and shut-i if gas to s	in pressures, v surface test, al	vhether shu ong with fir	ut-in pre	ssure reached s	tatic level, hydros	static pressur	es, bottom	hole
rill Stem Tests Taken (Attach Additional Sh	neets)	☐ Ye	s ✓ No		L	og Formatio	n (Top), Depth an	d Datum	✓ Sa	ımple
amples Sent to Geolo	gical Survey	☐ Ye	s ✓ No		Nam	е		Тор	Da	itum
Cores Taken		Ye	s ✓ No		See	Attached				
lectric Log Run (Submit Copy)		✓ Ye	s No							
ist All E. Logs Run:							K	CC		
High Resolution C Dual Induction	ompensated De	ensity Ne	utron &				NOV 1 NOV 1	1 2008 IDENTI	AL	
		Report	CASING F		Ne face inte	w Used				
Purpose of String	Size Hole Drilled	Size	Casing (In O.D.)	Weigl	ht	Setting Depth	Type of Cement	# Sacks Used		d Percent
Surf	11"		8 5/8"	200.71	24#	46'	Class A	8		
Prod	6 3/4"		4 1/2"		10.5#	1559'	Thick Set	165	See Att	ached
			ADDITIONAL	CEMENTIN	G / SQL	JEEZE RECORD				
Purpose: —— Perforate —— Protect Casing —— Plug Back TD —— Plug Off Zone	Depth Top Bottom	Туре	of Cement	#Sacks t	Jsed		Type and Pe	rcent Additives		
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					
6				1413'	- 1414'	150 gal 15% HCl, 1705# sd, 100 BBL fl				
6				1174.5' - 1	1175.5'	150 gal 15% HCl, 1715# sd, 90 BBL fl				
6				1085.5'	- 1087'	150 gal 15% HCl, 3000# sd, 125 BBL fl				
6				527	' - 529'	9' 150 gal 15% HCl, 5230# sd, 160 BBL fl				
TUBING RECORD	Size 2 3/8"	Set At 1501	r	Packer At	:	Liner Run	Yes ✓ No		,	
Date of First, Resumed Pr		····	Producing Metho		Flowing	y ✓ Pumpin	g Gas Lift	Oth	er (Explain)	
Estimated Production Per 24 Hours	1	Bbls.	Gas N	Mcf	Wate	er Bb	ols. Ga	ns-Oil Ratio		Gravity NA
Disposition of Gas	METHOD OF C	OMPLETION		L		Production Interv	ral	,	RECEIVE	
Vented Sold (If vented, Sumi	Used on Lease it ACO-18.)	[Open Hole Other (Specify	Perf.		lually Comp.	Commingled		V 172	

WICH nerson Drilling LLC Drillers Log

2 Rig Number: S. 6 T. 33 R. 14E API Ño. 15- 125-31717 County: MG Elev. 866 Location: SE NE NE

Operator:

Dart Cherokee Basin Operating Co. LLC

Address:

211 W Myrtle

Independence, KS 67301

Well No:

A4-6

Lease Name:

R&LJONES

Footage Location:

ft. from the

4580 620

ft. from the

SOUTH Line EAST Line

Drilling Contractor:

Date Completed:

McPherson Drilling LLC

Spud date:

.08/28/2008 .08/29/2008 Geologist:

Total Depth:

1565

Rig Time: Casing Record Surface Production Size Hole: 11" 6 3/4" Size Casing: 8 5/8" 20# Weight: Setting Depth: 46' **MCPHERSON** Type Cement: Portland DRILLER: NICK HILYARD Sacks: **MCPHERSON**

KCC NOV 1 1 20 CONFIDE)08
Comments:	
Start injecting @	211

Gas Tests:

				Well Log				
Formation	Тор	Btm.	Formation	Тор	Btm.	Formation	Тор	Btm.
soil	0	7	lime	1090	1099			
clay	7	14	shale	1099	1108			
sand	14	21	coal	1108	1109			
shale	21	186	shale	1109	1129			
lime	186	213	coal	1129	1130			
shale	213	289	shale	1130	1176			
lime	289	354	coal	1176	1177			
shale	354	412	shale	1177	1234			
lime	412	445	sandy shale	1234	1311			
shale	445	508	shale	1311	1437			
lime	508	522	coal	1437	1440			
shale	522	708	shale	1440	1457			
lime	. 708	729	Mississippi	1457	1565			
sand	729	768						
lime	768	808						
sand	808	834						
shale	834	925						
pink lime	925	947				1		
black shale	947	952				1		
shale	952	1014						
oswego	1014	1049				1		
summit	1049	1061					RE	CEIVE
lime	1061	1082				l K	ANSAS CORP	ORATION C
mulky	1082	1090	*Note: Oil aro	und 1060 f	eet.		NUN	1 7 200

DSION



CUSTOMER#



19293 TICKET NUMBER LOCATION ELVEKA FOREMAN RICK LOSCO

PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

DATE

FIELD TICKET & TREATMENT REPORT **CEMENT**

DATE	CUSTOMER#	WELL	NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY
9-2-08 CUSTOMER 0	2368	Rail Jon	res A4-6					M
COSTOMER	ART Che	ravan Kas	نم	CUS	TRUCK#	DRIVER	TRUCK#	DRIVER
MAILING ADDRI	ESS	DAG 25/75	///	Jores	463	Shannan	IRUCK#	URIVER
2	III W. M	Durtle			437	Calin		
CITY			ZIP CODE	1				
Indepe		KS	67301]				
JOB TYPE /	string	HOLE SIZE	63Nº	HOLE DEPTH	1565'	CASING SIZE & V	WEIGHT 4%"	10.54
CASING DEPTH	1559	DRILL PIPE		_TUBING			OTHER	
SLURRY WEIGH	IT /3,24	SLURRY VOL_	51 661	WATER gal/s	k_8.0	CEMENT LEFT in	CASING	
DISPLACEMENT	243/ 6W	DISPLACEMENT	T PSI_ <u>800</u> _	PSI_12	00	RATE		
REMARKS: 5	atery mact	ing- kig	y to	1/2" COSI	29. Great	Circulation	u/ 35	BU
TIEDO LA	etch hasha	aug 10 2	5 T.D. K.	1 40 B) fresh we	te. lun	o sas min	de al
@ 1224	A Bb	10 ter space	· Mixed	145 SKS	thickert	cement 4/	8º Kal-	7
Fresh	las Frank	out pung	t/Ms. sh	ut deur.	release plus	Ospha	2434	Abi
or losso	maria flor	the press	1 000 1	BI. Dung	plug to	1206 PSZ.	ait 5 m	nides
Oit. To	h Cambel	Pin da	2000	wat retu	ins to so	fra = 8 6	P) 3/ACA	<u>Le</u>
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ACCOUNT CODE	QUANITY	or UNITS	DE	SCRIPTION of	SERVICES or PR	ODUCT	UNIT PRICE	TOTAL
5401		······································	PUMP CHARG					
5406	40		MILEAGE				925.00	225.00
				·			3.65	146.00
IDLA	165	5#5	thicket	annt			17.00	2000
IIIA	/3201		8th Kol-sa	1 Payler			. 42	2805.00
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1105	75		hulls				.39	29.25
								47.63
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4404			44" too	cubber of	'.p	RECEI	EU 15. aa	45.00
·					3	KANSAS CORPURATI	ON COMMON	
						NOV 1.7	2008	The state of the s
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		***			***	WICHIT	,, NO	
	·						Selditel	4904.65
avin 3737	· · · · · · · · · · · · · · · · · · ·					5.37	SALES TAX	186.50
	1111	, /	26	POP36			ESTIMATED TOTAL	5091.15
AUTHORIZTION_	450	4		TITLE			DATE	. (