

## KANSAS CORPORATION COMMISSION RIGINAL OIL & GAS CONSERVATION DIVISION

September 1999 Form Must Be Typed

## **WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE**

7/18/10

00074	
Operator: License # 33074	API No. 15 - 205-27479-00-00
Name: Dart Cherokee Basin Operating Co., LLC	County: Wilson
Address: P O Box 177	<u>W2_SW_NW</u> Sec. <u>15</u> Twp. <u>30</u> S. R. <u>14</u> 🗸 East West
City/State/Zip: Mason MI 48854-0177	3300' FSL feet from S / N (circle one) Line of Section
Purchaser: Oneok	4780' FEL feet from E / W (circle one) Line of Section
Operator Contact Person: Beth Oswald	Footages Calculated from Nearest Outside Section Corner:
Phone: ( <u>517</u> ) <u>244-8716</u>	(circle one) NE SE NW SW
Contractor: Name: McPherson	Lease Name: _Kauth Well #: B1-15
License: 5675	Field Name: Cherokee Basin Coal Gas Area
Wellsite Geologist: Bill Barks	Producing Formation: Penn Coals
Designate Type of Completion:	Elevation: Ground: 955' Kelly Bushing:
New Well Re-Entry CONFIDENTIAL	Total Depth: 1492' Plug Back Total Depth: 1483'
OilSWDSIOWUL_1 temp. Wod.	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 w/ sx cmt.
Well Name:	Drilling Fluid Management Plan AH II NH 9-8-08
Original Comp. Date: Original Total Depth:	(Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content ppm Fluid volume bbls
Plug BackPlug Back Total Depth	Dewatering method used
Commingled Docket No.	Location of fluid disposal if hauled offsite:
Dual Completion _ Docket No	
Other (SWD or Enhr.?) Docket No	Operator Name:
4-2-08 4-4-08 5-1-08	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp. S. R East West
Recompletion Date Recompletion Date	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	th the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, the reference or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 12 months if requested in writing and submitted with the form (see rule 82-3-s and geologist well report shall be attached with this form. ALL CEMENTING s. Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regulations 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: Signature: July Color 7-18-08	KCC Office Use ONLY
	Letter of Confidentiality Attached
Subscribed and sworn to before me this 18 day of	If Denied, Yes Date:
20.083	Wireline Log Received RECEIVED
Prandi P March	Geologist Report ReceivedKANSAS CORPORATION COMMIS
Date Commission Expires: 35-2011 Rekson	- Michigan
	on Expires 2011  CONSERVATION DIVISION WICHITA, KS

- B	r		Side 1	Two	•				
Operator Name: Da	rt Cherokee Basin	Operating Co., LL0	Lease N	Name:_	Kauth		Well #: B1	-15	
		✓ East West	County:						
tested, time tool ope temperature, fluid re-	how important tops and n and closed, flowing a covery, and flow rates i s surveyed. Attach fina	nd shut-in pressures, v f gas to surface test, al	whether shu long with fin	ıt-in pre	essure reached s	static level, hydros	static pressur	es, bottom hole	
Drill Stem Tests Take	• • •	☐ Yes ✓ No		L	og Formatio	on (Top), Depth ar	nd Datum	✓ Sample	
Samples Sent to Ge	ological Survey	☐ Yes ✓ No		Nam	е		Тор	Datum	
Cores Taken Electric Log Run (Submit Copy)		Yes ✓ No ✓ Yes No		See	Attached			ECEIVED PORATION COMMISSION	
List All E. Logs Run:				•			HUI	L 2 4 2008	
High Resolution Dual Induction	Compensated Der	sity Neutron &				,		RVATION DIVISION	
Duai muuciion	JUL 1	8 2008				•		WICHITA, KS	
	K	CASING F		Ne ace, inte		on, etc.	··		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weigh Lbs. / F	it	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	
Su	rf 11"	8 5/8"		24#	43'	Class A	8		
Pro	d 6 3/4"	4 1/2"		9.5#	1486'	Thick Set	155	See Attached	
Purpose:	Depth	· ·			JEEZE RECORD				
Perforate Protect Casing Plug Back TD Plug Off Zone	Top Bottom	Type of Cement	#Sacks U	sed		Type and Pe	rcent Additives		
1 log Oil 20110						·			
Shots Per Foot		RECORD - Bridge Plugs tage of Each Interval Perfo				ture, Shot, Cement Sount and Kind of Mate		d Depth	
6	,		1291.5' -	1293'	2325# sd, 115 BBL fi				
6			1223.5' -	1226'	100 gal 15% HCl, 4010# sd, 135 BBL fl				
6			1150' - 1	151.5'	5' 100 gal 15% HCl, 2320# sd, 95 BBL fl				
. 6			1033' - 10	036.5'	150	gal 15% HCl, 7	020# sd, 155	BBL fl	
6			923.5'	- 925'	10	00 gal 15% HCl,	1710# sd, 90	BBL fl	
TUBING RECORD	Size 2 3/8"	Set At 1431'	Packer At NA		Liner Run	Yes ✓ No			
Date of First, Resumed	Production, SWD or Enhr. 5-4-08	Producing Metho		Flowing	√ Pumping	g Gas Lift	Othe	er (Explain)	
Estimated Production Per 24 Hours	Oil Bbi		/lcf	Wate		ls. Ga	s-Oil Ratio	Gravity	
Disposition of Gas	NA METHOD OF COM	4PLETION		40 NA NA					
	_	Open Hole	Do-d	r	Production Interviously Comp.	Commingled			
Uvented ✓ Sold (If vented, Su	Used on Lease  mit ACO-18.)	Open Hole Other (Specify	Perf. ()	<u>.</u>	uany comp.	Commingled			

CONSOLIDATED OIL WELL SERVICES, L.C. P.O. BOX 884, CHANUTE, KS 66720 620-431-9210 OR 800-467-8676



TICKET NUME	BER	13825
LOCATION	Eureba	
FOREMAN	Troy Str	tokle

## TREATMENT REPORT & FIELD TICKET CEMENT

TOCHERORICE KI 676b  JOB TYPE Legistry  HOLE SIZE 6 W' HOLE DEPTH 1492' CASING SIZE & WEIGHT 4 M' 4 J' CASING DEPTH 1481'  DRILL PIPE  TUBING  OTHER  TUBING  DISPLACEMENT 13:2"  DISPLACEMENT 13:2"  DISPLACEMENT 13:3"  DISPLACEMENT PSI 700 MIX PSI 1200 & CEMENT LEFT IN CASING O'  REMARKS: GAFT MEETIN; Rig up to 4 M' Carins, Real Circulation W 20 M water, Plung 4 If Gel - Flure W Hulls, S RN water, 1084 Joseph 10 M water, Plung 4 If Gel - Flure W Hulls, S RN water, 1084 Joseph 10 M water, Plung 4 If Gel - Flure W Hulls, S RN water, 1084 Joseph 10 M water, Plung 4 If Gel - Flure W Hulls, S RN water, 1084 Joseph 10 M water, Plung 4 If Gel - Flure W Hulls, S RN water, 1084 Joseph 10 M water, Plung 4 If Gel - Flure W Hulls, S RN water, 1084 Joseph 10 M water, 10 M water					CEMEN	Τ			***
CUSTOMER  Dark Cherobee Rush MALLING ADDRESS  211 W. Myttle CITY  Independence  K. 67801  HOLE DEPTH 1492'  CASING SIZE A WEIGHT Y. K. 9.1"  HOLE DEPTH 1492'  CASING SIZE A WEIGHT Y. K. 9.1"  BURRY WEIGHT 13.2"  SURRY VOL 17.3811  DISPLACEMENT PAIR  MIX PS. 12200-9/K  MIX PS. 12	DATE	CUSTOMER#	WE	L NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNT
MALING ADDRESS  ANTER		2368	Kauth	<u>BI-</u> 15	<u> </u>				43 Jan
MALLING ADDRESS  211 W. Mythe  CITY  STATE  STATE  SPODE  Independence  Independence  STATE  SPODE  Independence  STATE  SPODE  Independence  HOLE SIZE  SAVI  HOLE DEPTH 1452'  CASING SETH  MORE DEPTH 1452'  CASING SIZE & WEIGHT 18.2"  SLURRY WEIGHT 13.2"  SLURRY VOL 47.881  WATER GAILS  WATER GAILS  RATE  REMARKES: SAFETA  MACHIN: Roy up to 4 4%  CANIS, Recat Circulation w/ 30.40 mater.  Pump 4 for Gel-Flack  WILLES RM Later, 10 Rm 15-pp, 10 MM 15-mater.  IS RM Duc weeks Mixed ISSUER Thick Set Commat w/ 30.40 mater.  IS RM Duc weeks Mixed ISSUER Thick Set Commat w/ 30.40 mater.  IS RM Duc weeks Mixed ISSUER Thick Set Commat w/ 30.40 mater.  IS RM Duc weeks Mixed ISSUER Thick Set Commat w/ 30.40 mater.  IS RM Duc weeks Mixed ISSUER Thick Set Commat w/ 30.40 mater.  IS RM Duc weeks Mixed ISSUER Thick Set Commat w/ 30.40 mater.  IS RM Duc weeks Mixed ISSUER Thick Set Commat w/ 30.40 mater.  SANDI. Release Pretruc. Float Held. Good Commat to Subject with the Subje		Cherokee	Rach			TRUCK#	DRIVER		DRIVER
211 W. Mytte  STATE ZIP CODE  JOB TYPE Legating HOLE SIZE 674" HOLE DEPTH 1492' CASING SIZE A WEIGHT 4. 4" 9. 7"  CASING DEPTH 1482" DIRLL PIPE  TUBING  CASING DEPTH 1482" DIRLL PIPE  TUBING  CASING DEPTH 1482" DIRLL PIPE  TUBING  TOTHER  SURRY VEIGHT 12. 2" SILURRY VOL 47.881 WATER gallisk 8° CEMENT LEFT IN CASING 9'  DISPLACEMENT ZHAI DISPLACEMENT PSI 700 MIX PSI 1200-EPTA RATE  REMARKS: SAFET Meethy. Roy has to 44% Caris, Reak Circulation w/ 30 mix for 15 km; Pump 4 res Gel-Flux w/ Hully. S Rish water, 10 Rm Josep, 10 mix for 15 km; Pump 4 res Gel-Flux w/ Hully. S Rish water, 10 Rm Josep, 10 mix for 15 km; Pump 4 res Gel-Flux w/ Hully. S Rish water, 10 Rm Josep, 10 mix for 15 km; Pump 5 km; Pump 10 mix for 15 km; Pump 10 m	MAILING ADDRI	ESS	Lessies				<del></del>		
INDEPENDENCE IN CORP.  JOB TYPE LEGISTRY HOLE SIZE LOW HOLE DEPTH 1492' CASING SIZE A WEIGHT 18.2 9.5 OTHER CASING DEPTH 1491' DRILL PIPE TUBING OTHER CASING DEPTH 1491' DRILL PIPE TUBING OTHER SLURRY WEIGHT 13.2 SLURRY VOL 47.8 SLURRY WEIGHT 13.2 SLURRY VOL 47.8 SLURRY WEIGHT 13.2 AND SPEAKEMENT PSI 700 MATER GAILAND RES 1200 Apr 14 May Part 1200 Apr 14 May Part 13.2 May Part 14 May Par	211	W. Must	10		Gez				
JOB TYPE Legistry Hole Size 6.8" HOLE DEPTH 1492' CASING SIZE & WEIGHT 182"  CASING DEPTH 1497' DRILL PIPE TUBING OTHER  SURRY WEIGHT 13:2" SLURRY VOL 47.881) WATER galvis 8° CEMENT LEFT IN CASING O'  DISPLACEMENT 2781 DISPLACEMENT PSI 700 MIX PSI 12:00 8.07 RATE  REMARKS: SAFCT MECTIC: Ra up to 4 %" Casing Reach Circulation w/ 80 mix max.  Plant 4 of Bel-Flace w/ Hulls, 5 Risk Labe, 1081 Sep, 1081 max.  IS 841 Out with mix harp times. Release Plug. Marker and 18 mix max.  IS 841 Out with mix harp times. Release Plug. Marker and 18 mix max.  Canda. Release Planting. Floot Hold. Good Cornect to Samp Plug to 12:00 RT with Containing the Pith Containing Plug to 1:00 RT with Containing the Pith Containing Plug to 1:00 RT with Containing the Plu	CITY	<del>- 1.411</del>	STATE	ZIP CODE			CODY		
CASING DEPTH 1487' DRILL PIPE TUBING OTHER SLURRY WEIGHT 13:2" SLURRY VOL 47.8831 WATER Gallisk RO CEMENT LEFT IN CASING O' DISPLACEMENT 2781 DISPLACEMENT PSI 700 MIX PSI 120080/G RATE REMARKS: CASCA Mechy: Ro up to 48" Caring Ricek Circulation W/ 28 MI water Plana 4 FF Gel-Flad W/ Hully, S RM water 108 MI Soop, 10 MI water, 15 RM Over water Mixed 155 fx Thick 5et Cement L/ 8 MI sater 15 RM Over water Mixed 155 fx Thick 5et Cement L/ 8 MI sater 15 RM Over water Mixed 155 fx Thick 5et Cement L/ 8 MI sater 15 RM Over water Mixed 155 fx Thick 5et Cement L/ 8 MI sater 15 RM I surp to Primer 700 RCT. Bump Plus to 1200 RCT. 15 RM I surp to Primer 700 RCT. Bump Plus to 1200 RCT. 15 RM I surp to Primer Reservices or PRODUCT  ACCOUNT CODE QUANTITY OF UNITS  DESCRIPTION OF SERVICES OF PRODUCT  ACCOUNT CODE QUANTITY OF UNITS  DESCRIPTION OF SERVICES OF PRODUCT  ACCOUNT CODE QUANTITY OF UNITS  DESCRIPTION OF SERVICES OF PRODUCT  WITH PRICE TOTAL  ACCOUNT KANSAS CORPORATION OF MIXED SIN	Indepen	dence	Kr	67301					
SUBRIVEGENT 13:28 SLURRY VOL 47.86 WATER gallok 8° CEMENT LEFT in CASING O' DISPLACEMENT 2781 DISPLACEMENT PSI 200 MIX PSI 1200 8074 RATE  REMARKS: SAFT Meethy: Roy up to 44 " Acros Read Circulation w/ 200 mix psi  REMARKS: SAFT Meethy: Roy up to 44 " Acros Read Circulation w/ 200 mix psi  Pump 4 " of Gel-Flext w/ Hully, S 8ht water, 108ht Seep, 10 Mix mater,  15 8ht water, 10 8ht Seep, 10 Mix mater,  15 8ht water, 10 8ht Seep, 10 Mix mater,  15 8ht water, 10 8ht Seep, 10 Mix mater,  2 8ht water, 10 8ht Seep, 10 Mix mater,  2 9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	JOB TYPE L	ensetry	HOLE SIZE	644	HOLE DEPTH	1492'	CASING SIZE & W	EIGHT 4.4.4	9.50
SUBRIVEGENT 13:28 SLURRY VOL 47.86 WATER gallok 8° CEMENT LEFT in CASING O' DISPLACEMENT 2781 DISPLACEMENT PSI 200 MIX PSI 1200 8074 RATE  REMARKS: SAFT Meethy: Roy up to 44 " Acros Read Circulation w/ 200 mix psi  REMARKS: SAFT Meethy: Roy up to 44 " Acros Read Circulation w/ 200 mix psi  Pump 4 " of Gel-Flext w/ Hully, S 8ht water, 108ht Seep, 10 Mix mater,  15 8ht water, 10 8ht Seep, 10 Mix mater,  15 8ht water, 10 8ht Seep, 10 Mix mater,  15 8ht water, 10 8ht Seep, 10 Mix mater,  2 8ht water, 10 8ht Seep, 10 Mix mater,  2 9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	CASING DEPTH	1487	DRILL PIPE		TUBING			OTHER	
REMARKS: Safety Meeting: Rig up to 48" Caring Recel Circulation w/ 2011 mater.  Pland 4 cff Bel-Flagt w/ Hulle, 5 RM water, 1086 Josep, 108M mater.  1584 Age mater. Mixed 155cts Thick set Cement w/ 8 mitself the  13.24 Mexil week. Mixed 155cts Thick set Cement w/ 8 mitself the  15.24 Mexil week. Mixed 155cts Thick set Cement w/ 8 mitself the  15.24 Mexil week. Mixed 155cts Thick set Cement w/ 8 mitself the  15.24 Mexil week. Mixed 155cts Thick set Cement w/ 1200 Ret Mixed  15.24 Mexil week. Flood 155cts Thick set Cement 10 mitself the  15.25 Mexil set Cement 10 mitself the  15.26 Mileage RECEIVED  15.26 Mileage RECEIVED  15.26 Mileage RECEIVED  15.26 Mileage RECEIVED  15.27 Mileage RECEIVED  15.28 Mileage Mexil week. Mixed 155cts Thick set Cement 10 mitself the 155cts  15.26 Mileage Mileage  15.27 Mileage Conservation down with the 155cts  15.26 Mileage Mileage Thick Set Conservation down with the 155cts  15.27 Mileage Mileage Thick Set Conservation down with the 155cts  15.28 Mileage Thick Set Conservation Division Wichita KS Mile 2000  16.28 Mileage Thick Set Conservation Division Wichita KS Mile 2000  16.28 Mileage Thick Set Conservation Division Wichita KS Mile 2000  16.28 Mileage Thick Set Conservation Division Michita KS Mile 2000  16.29 Mileage Thick Set Conservation Division Michita KS Mileage Set Thick Set Conservation Division Michita KS Mileage Set Thick Set Conservation Division Michita KS Mileage Set Thick Set Conservation Division Michita KS Mileage Set Thick Set Thick Set Conservation Division Mileage Set Thick Set Thic	SLURRY WEIGH	IT	SLURRY VOL_	47.8 <b>6</b> 51	WATER gal/s	k <u>8°</u>	CEMENT LEFT in	CASING_O'	
Pung 4 cfs Bel Flart at Hulls & Bil Later, 1084 Josep 1084 Later  ISRU Dre metr. Mixed ISSCR Thick Set Coment at 8 mitters and  E 13.2" Ref. wesh and Amp thorn Refrese Alug. Display and Isrue  E 13.2" Ref. wesh and Amp thorn Refrese Alug. Display and Isrue  E 13.2" Ref. wesh and Amp thorn Refrese Alug. Display and Isrue  Final Pumping Pressure 700 Rt. Bump Ply to 1200 Rt. west  Sand. Refere Arthur. Floot Held. Bood Coment to Subject  The Comentary of the Comentary of Later  The Comentary of Life Comentary  ACCOUNT  CODE  ACCOUNT  CODE  ACCOUNT  CODE  ACCOUNT  CODE  ACCOUNT  CODE  ACCOUNT  ACCOUNT  CODE  ACCOUNT  CODE  ACCOUNT  CODE  ACCOUNT  CODE  ACCOUNT  ACCOUNT  CODE  ACCOUNT  ACCOUNT  CODE  ACCOUNT  CODE  ACCOUNT  CODE  ACCOUNT  ACCOUNT  ACCOUNT  ACCOUNT  ACCOUNT  CODE  ACCOUNT  CODE  ACCOUNT  ACCO	DISPLACEMEN'	T_2481	DISPLACEMEN	IT PSI 700	MIX PSI	00 Bup 14	RATE		
13.24 Ph. west at Amp + lines Release Flug. O space and the west of the property of the state of	REMARKS: 5	afety Mec	ting: Ring	up to 4	K" Carin	s. Break	Circulation	w/ 30	M mader.
Release Arthur but Any times Release Alus Ospolar and Miller Final Purphy Pressure 700 Ret. Bump Play to 1200 Ast which Saint Release Arthur Floot Held. Bood General to state 7 Rel Slung to P.t. CONFIDENTIAL Tob Confident To Supplies of PRODUCT Unit PRICE TOTAL SUD I PUMP CHARGE 825 BECOVER 100 AMERICAN SUD I PUMP CHARGE 825 BECOVER 1100 A 155345 Thick Set General KANSAS CORPORATION COMMISSION 1100 A 1240* Lol-Seel 8 Mag. 1110 A 1240* Lol-Seel 8 M	Pump 4	skr be	1- Fluri	w/ Hull	, <u>5</u> 8	be water,	10 861 50cp	, 10 ALL 4	uster,
Weter Final Pumping Pressure 700 RST. Bump Plus to 1200 RST Music Salma. Release Pressure. Floot Held. Good Corners to source = 7 RGI Slung to P.t. CANEIDENTIAL  Jub Complete a 2000  ACCOUNT GUANTITY or UNITS DESCRIPTION of SERVICES OF PRODUCT UNIT PRICE TOTAL  ACCOUNT CODE QUANTITY or UNITS DESCRIPTION of SERVICES OF PRODUCT UNIT PRICE TOTAL  SYO I PUMP CHARGE RECEIVED SALES SIGN ISSUE OF MILE AS IN THE COORDINATION COMMISSION ISSUE AND INC. TO CONSERVATION UNITS ON THE COORDINATION COMMISSION ISSUE AND INC. TO CONSERVATION UNITS ON THE COORDINATION COMMISSION ISSUE AND INC. TO CONSERVATION UNITS ON THE COORDINATION COMMISSION INC. TO CONSERVATION UNITS ON THE COORDINATION COMMISSION ISSUE AND INC. TO CONSERVATION UNITS ON THE COORDINATION COMMISSION INC. TO CONSERVATION UNITS ON THE COORDINATION COMMISSION INC. TO CONSERVATION UNITS ON THE COORDINATION COMMISSION INC. TO COMMIS								17,11	The state of the s
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ACCOUNT CODE QUANTITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  SYO I PUMP CHARGE 83500 51500  SYO I PUMP CHARGE 83500 51500  SYO I MILEAGE RECEIVED RANSAS CORPORATION COMMISSION 16.20  III DA 15518 Thick set General RANSAS CORPORATION COMMISSION 16.20  SYO Ton- Mileage CONSERVATION DIVIS N MICHITA IS MICHITA IN MICHITA IS MICHITA IS MICHITA IN MICHITA IS MICHITA IN MICHITA IS MICHITA IN MICHITA	water.								L hait
ACCOUNT CODE QUANTITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  SYO I PUMP CHARGE 875-00  SYO I MILEAGE RECEIVED  ILLO A 1555th Thick Set General KANSAS CORPORATION COMMISSION  ILLO A 1240* Kol-Seel 8*8/k III 24 2008 400  SYO Ton-Mileage CONSERVATION DIVISION  SYO I WICHITA KS MIC 2000  1118A 2004 Gel-Plush 16* 32.00  1118A 2004 Gel-Plush 16* 32.00  1128 Isel Seep 3-40  1238 Isel Seep 3-40  1205 251 Bi-Cile 3*47k 31.10  1248 SALESTAX 1447k 30	SAM	-		c. Flow	t Hel	d. Good	Coment	to	confece
ACCOUNT   GUANTITY or UNITS   DESCRIPTION of SERVICES OF PRODUCT   UNIT PRICE   TOTAL	= 71	BBI Slun	y to						
ACCOUNT CODE  ACCOUNT CODE  QUANTITY OF UNITS  DESCRIPTION OF SERVICES OF PRODUCT  UNIT PRICE  TOTAL  SYO		······································		Jub Co.	so fete.	2008			
CODE   CODE   CODE   CONSERVATION DIVISION   CONSERVATION DIVISION DIVISION   CONSERVATION DIVISION DIVISION DIVISION DIVISI		· · · · · · · · · · · · · · · · · · ·	·		/ JUL 10	2000			
CODE   CODE   CODE   CONSERVATION DIVISION   CONSERVATION DIVISION DIVISION   CONSERVATION DIVISION DIVISION DIVISION DIVISI		·		·	W.C	<u>:C                                    </u>		<u>,</u>	<del></del>
Syot   40   MILEAGE   S. 46   1500		QUANTITY	or UNITS	DE	SCRIPTION	SERVICES or PR	RODUCT	UNIT PRICE	TOTAL
126	5401	1		PUMP CHARG	Ε			875-00	176.00
1126 A   1555 b	5406	- 40		MILEAGE				3.45	182.00
1110 A   1240*   Kol-Seel 8 * Poffe   1111 2 4 2008 .40   44.00     S407   Ton-M: keys   Conservation division   Mic   200.00     1118A   200*   Gel-Flush   .16*   32.00     4404   1   48*   Top Rubber Plus   42.00     1238   Isel   Seep   21.00     1205   251   Bi-cide   31.10   55.40     Thakin   449.80     63%   Salestax   144   11							RECEIVED	MOISSION	
1110 A 1240* Kol-Seel 8 * Pofe JUL 2 4 2008 .40 45.00  S407 Ton-Milege CONSERVATION DIVISION  1118A 2004 Gel-Flush .16* 32.00  4404 1 48* Top Rubber Plus 42.00  1238 1501 Soep 31.00  1205 2501 Ri-cide 31.00  Thakin/ Salestax 1448.80	1126A	155	rkr	Thick S	et Com	ent kansa	S CORPORATION COM	14.20	JE 11.00
Ton-Milege   CONSERVATION DIVISION   Mile   32.00	1110 A	1240	<b>,</b> #				1111 2 4 2008		494.00
1118A 200 Gel-Flush .16" 32.00  4404 1 48" Top Rubber Plus 1238 1501 Soap 1205 251 Bi-cide 31.10 55.40  Thakin									
1118A 2004 Gel-Flush  4404  1 48° Top Rubber Plus  1238  1501  Soep  1205  251  Ri-cide  Thatian  5-4 Table 448.25	<u></u>			Ton- 1	n: leac		CONSERVATION DIVISI	MIC	200.00
4404 1 484 Top Rubber Plus 1238 1501 Soop 1205 2501 Bi-cide 20.10 55.40  TLakin  504 148.00									
4404 1 484 Top Rubber Plus 1238 1501 Soop 1205 2501 Bi-cide 20.10 55.40  TLakin  504 148.00	11184	200	<b>→</b>	Gel-FI	lush			. 16#	32.00
1238   1501   Soap   31.40   1205   1205   25.40   25.			· · · · · · · · · · · · · · · · · · ·						
1238   1501   Soap   31.40   1205   1205   25.40   25.	4404	,	· · · · · · · · · · · · · · · · · · ·	48+ 7	TOO Ruh	ber Plus	•	42.00	<b>42.00</b>
1205 2501 Bi-cide 31.10 55.40  Thatial 448.20  63% SALESTAX 194 11		150/		Sou					
Thatia 44900000000000000000000000000000000000				Ri-cid-				<i>3</i> 1.10	
448.25 4.3% SALES TAX 19% 11	17.79								
448.25 4.3% SALES TAX 19% 11									
4.3% SALES TAX / TY !!				7.	Lakin				
PANIS A MINIS					•				1
201109 ESTIMATED 41980. 36		<u> </u>	****				43%		194
			1	(	9911DG	}			4680.36

Rig Number: S. 15 2 T. 30 R. 14E API No. 4 15- 205-27479 County: WILSON Elev. 955 Location: W2 SW NW

Operator: Dart Cherokee Basin Operating Co. LLC

Address: 211 W Myrtle

Independence, KS 67301

Well No: B1-15

Lease Name: ft. from the KAUTH

Footage Location:

3300

South Line

4780

ft. from the

East Line

Drilling Contractor: Spud date:

McPherson Drilling LLC

.04/02/2008

Geologist:

Date Completed:

.04/04/2008

Total Depth:

1492

Casing Record			Rig Time:	
	Surface	Production		
Size Hole:	11"	6 3/4"	ì	
Size Casing:	8 5/8"			
Weight:	20#			
Setting Depth:	43	McPherson		
Type Cement:	Portland		Driller:	NICK HILYARD
Sacks:	8	MCPBERSOFIDEN	IAL	

Comments:	
Start injecting @	411

Gas Tests:

		JUL 1	8 2008	Well Log			· <u>, , , , , , , , , , , , , , , , , , ,</u>	
Formation	Тор	Btm.	Formation	Тор	Btm.	Formation	Тор	Btm.
soil	0	3 ***	oswego	1001	1029			
clay	3	8	summit	1029	1039			
sand	8	23	lime	1039	1045			
shale	23	129	mulky	1045	1051			
lime	129	192	lime	1051	1054			
shale	192	261	shale	1054	1100			
sandy shale	261	316	coal	1100	1103			
shale	316	392	shale	1103	1118			
lime	392	422	coal	1118	1119			
sandy shale	422	478	shale	1119	1162			
shale	478	527	coal	1162	1164			
lime	527	617	shale	1164	1186			
shale	617	659	coal	1186	1187			
lime	659	678	shale	1187	1205			
shale	678	689	coal	1205	1206			
ime	689	713	shale	1206	1232			
shale	713	881	coal	1232	1234			
sandy shale	881	917	shale	1234	1289		RECE	IVED
shale	917	920	coal	1289	1291	KANS	S CORPORAT	ION COMMI
ime	920	922	shale	1291	1329			
coal	922	923	Mississippi	1329	1492		JUL 2	4 KUUO
shale	923	928					CONSERVATI	ON DIVISION
pink lime	928	946				}	MICHI	
shale	946	1001		•				