WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33344 RECEIVED	API No. 15 - 133-26496 -00 -00
Name: Quest Cherokee, LLC KANSAS CORPORATION COMMISSION	County: Neosho
Address: 211 W. 14th Street JUL 0 5 2006	c _ ne _ nw Sec. 10 Twp. 29 S. R. 19
City/State/Zip: Chanute, KS 66720	550 feet from S / (N)(circle one) Line of Section
Purchaser: Bluestem Pipeline, LLC WICHITA, KS	1980 feet from E (circle one) Line of Section
Operator Contact Person: Jennifer R. Ammann	Footages Calculated from Nearest Outside Section Corner:
Phone: (620) 431-9500	(circle one) NE SE NW SW
Contractor: Name: Well Refined Drilling Company	Lease Name: White Farms Well #: 10-1
License: 33072	Field Name: Cherokee Basin CBM
Wellsite Geologist: Ken Recoy	Producing Formation: Multiple
Designate Type of Completion:	Elevation: Ground: 974 Kelly Bushing: n/a
New Well Re-Entry Workover	Total Depth: 1003 Plug Back Total Depth: 997.97
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 21' 7" 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 997.97
Operator:	construction surface
Well Name:	Alta-Dg. (1)/12
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content ppm Fluid volume bbls
Plug Back Plug Back Total Depth	
Commingled Docket No	Dewatering method used
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
	Lease Name: License No.:
3/2/06 3/7/06 3/11/06 Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R
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 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: Genrifu K. Ammann	KCC Office Use ONLY
Title: New Well Development Coordinator Date: 6/30/06	Letter of Confidentiality Received
Subscribed and sworn to before me this 36th day of Tune.	If Denied, Yes Date:
20 <u>A</u> .	Wireline Log Received
Notary Public: & Warpe 1 Think To F WA)	Geologist Report Received (NE WILLHITE UIC Distribution
WE OFFICIAL MY COM	NISSION EXPIRES
Date Commission Expires:Aug	ust 21, 2009

Operator Name: Qu	uest Cherokee, L	LC		Leas	se Name:.	White Farms	<u> </u>	Well #: 10-	1 -
Sec10 Twp	29 S. R. 19	_ Z East	West	Cour	nty: Neos	sho			
tested, time tool ope temperature, fluid re	Show important tops en and closed, flowing ecovery, and flow rat gs surveyed. Attach	ng and shutes es if gas to	in pressures, surface test, a	whether along with	shut-in pr	essure reached	static level, hyd	rostatic pressur	
Drill Stem Tests Tak (Attach Additional		☐ Y€	es 📝 No		 	-	tion (Top), Depth		Sample
Samples Sent to Ge	eological Survey	Ye	es 🗹 No		Nan See	ne Attached		Тор	Datum
Cores Taken		Ye	es 🗸 No						
Electric Log Run (Submit Copy)		√ Ye	es 🗌 No						
List All E. Logs Run	:								
Gamma Ray Neut Dual Induction Log Compensated Der	3								
		Panar		RECORD		ew Used			
Purpose of String	Size Hole		Casing		eight	ermediate, produ Setting	Type of	# Sacks	Type and Percent
Surface	Drilled 12-1/4"		(in O.D.)		s. / Ft.	Depth 21' 7"	Cement "A"	Used	Additives
Production	6-3/4"	4-1/2		10.5#	. 4.0	997.97	"A"	115	
		1		10.07		337.37	 	1110	
			ADDITIONAL	CEMENT	ING / SQI	JEEZE RECOR	D		
Purpose: Perforate Protect Casing Plug Back TD	Depth Top Bottom	Туре	of Cement	#Sack	ks Used		Type and	Percent Additives	
Plug Off Zone									
Shots Per Foot			O - Bridge Plug		e		acture, Shot, Ceme		
4	849-851/904-90		ach Interval Per	Torated			mount and Kind of N		Depth
	043-03 1/304-30	···				200gas 1376 NOL W/211	obls 2% kcl water, 388bbls wat	IBF W/ 2% RCL, BIOGISE 5000	# 20/40 sand 849-851/904-906
4	635-637/601-60	4		-		400gal 15% HCL w/ 30 I	ibis 2% kci water, 373bbis wat	ter w/ 2% KCL, Blocide 7500	# 20/40 sand 635-637/604-604
4	476-480/487-49	1		-		400gal 15% HCL w/ 35 b	bts 2% kcl water, 486bbts water	er w/ 2% KCL, Biocide 10000	# 20/40 sand 476-480/487-491
TUBING RECORD	Size	Set At		Packer	At	Liner Run			
2-	3/8"	952		n/a			Yes 📝 N	0	
Date of First, Resumer 4/30/06	rd Production, SWD or I	Enhr.	Producing Met		Flowing	g ✓ Pump	ing 🔲 Gas L	ift Othe	r (Explain)
Estimated Production Per 24 Hours	Oil	Bbis.		Mcf	Wate		Bbls.	Gas-Oil Ratio	Gravity
Disposition of Gas	n/a	OMBI ETIC	7.4mcf		45bb				
	METHOD OF (JUIVIPLE I IUI				Production Inte	rval		
Vented ✓ Sold (If vented, So	Used on Lease ubmit ACO-18.)	[Open Hole Other (Speci	[√] Per fy)	f. 🔲 C	Pually Comp.	Commingled _		



211 W. 14TH STREET, CHANUTE, KS 66720 620-431-9500

TICKET NUMBER 1310

RANGE

FIELD TICKET REF #

FOREMAN _ _ _ _ _ _ _ _ _

TOWNSHIP

SECTION

TREATMENT REPORT & FIELD TICKET CEMENT

WELL NAME & NUMBER

3-11-06	White	TAL	$\gamma \leq 10^{-1}$		10	29 19	NO
FOREMAN / OPERATOR	TIME	TIME	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Jae . B	6:45	10:10		903389		3.5	Toe Blanchar
Tim. A	6:45	10:10		903255		3.5	La agent
Pussell. A	6:00	10:15	-	903103		4.25	han
CAVID. C	7:06	10:15		903296	932452	3.25	Ward Clar
Jeff. M	7:00	10:15		903106		3.25	dy hitself
MAVENICIE . D	17:00	10:15		lextra		1 3 25	1/2/2012
JOB TYPE LONGS	7.97 DRILL I	PIPE	Т	UBING	OTHE	R	, <u>-</u>
SLURRY WEIGHT 1							ii
DISPLACEMENT 15	· ⁹¹ DISPLA	CEMENT	PSI N	/IIX PSI	RATE	4 bpm	
10 bbl dy Pumped	é + 12 wiper p	5 S K	to botton	ment to g	et due to Florat Shoc	Surface.	head RAW Flush Pump
	997	.97	F+ H1/2	Casina			
<u> </u>	l	4	Contraliza	, –			
930310	2	٨٢	Casing +	ractor.			
930804	2	hr_	Casing +	vailor			
ACCOUNT CODE	QUANTITY or U	JNITS		DESCRIPTION OF S	SERVICES OR PRODUC	eT	TOTAL AMOUNT
903388	3.5	hr	Foreman Pickup	•			
903255	3.5	hr	Cement Pump Truck	•			
963103	4.25	hr	Bulk Truck				
1104	//	5 SK	Portland Cement	&			
1124	2		50/50 POZ Blend Co	ement BATTIE	s 31/2" # 3	3 "	
1126	1		OWC - Blend Ceme		71		
1110	15	2 5K	Gilsonite			KANSAS CORPORA	NED
1107	1.	5 SK	Flo-Seal		*	CORPORA	TION COMMISSION
1118		2 5K	Premium Gel			JUL 0 :	2000
1215A	1 gal	•	KCL .			U ,	7 2006
: 1111B	<u>5,</u>	3 5K	Sodium Silicate	Calchiorid	ie .	CONSERVATION WICHITA	V Dryision
1123	7000 gal		City Water			WICHITA	KS
903296	3. 2	5 hr	Transport Truck				
9321152	3.2		Transport Trailer	· · · · · · · · · · · · · · · · · · ·			
903106		hr	80 Vac				
Ravin 4513)	,•	41/2	FloatShoe	•		

Well Refined Drilling Company, Inc.

4230 Douglas Rd. - Thayer, KS 66776 Contractor License # 33072 -

620-839-5581 Office; 620-432-6170 Jeff's Pocket; 620-839-5582 FAX

							AC*** 270.		
Rig #:	1		Lic#33344	1		SID	T Was	R 19E	İ
API#:	15-133-264	The state of the s				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3	C, NE, NW	ł
Operator:	Quest Che	rokee, LLC			TOTAL TO	AP T F	10	Neosho	
		May Avenu		00	يا رياده	با رييده	<i>9</i>		
	Oklahoma	City, OK 73	120			Gas Tes	ts		
	10-1	Lease Narr	White Farms		Depth	Oz.	Orfice	flow - MCF	
Location:	550	ft. from N	Line		178		No Flow		
	1980	ft. from W	Line		203		No Flow		
Spud Date:		3/3/2006			328		No Flow		2
Date Complete	ed:	3/7/2006	TD:	1003	378		No Flow		ĺ
	Montee So	ott			453		No Flow		İ
Casing Rec	ord	Surface	Production		478	2	1"	36.5	İ
Hole Size		12 1/4"		6 3/4"	578	Ga	s Check Sa	ıme	
Casing Size	е	8 5/8"			603	Ga	s Check Sa	me	ĺ
Weight					628		s Check Sa		ĺ
Setting Dep					678	2	1 1/4"	62	ı
Cement Ty	pe	Portland			853	4	1 1/4"	87.8	ı
Sacks					903	5	1 1/4"	98.1	l
Feet of Cas	sing	21' 7"			928	7	1 1/4"	116	ĺ
									ı
		Madadiana					-		
Date		Notations						1	1
Date		Used Boos	ter			:		<u> </u>	
Date			ter			· · · · · · · · · · · · · · · · · · ·			
Date			ter						
	Ken Recoy		ter			, , , , , , , , , , , , , , , , , , ,	·		
	Ken Recoy		ter	Well Log					
Geologist:		Used Boos		Well Log		Top	Bottom	Formation	
Geologist:	Bottom	Used Boos	Тор	Bottom	Formation	Top 373	Bottom	Formation	
Geologist: Top	Bottom 3	Used Boos Formation OB	Top 197	Bottom 198	Formation coal	373	407	Pink- lime	
Geologist: Top	Bottom 3	Formation OB clay	Top 197 198	Bottom 198 207	Formation coal shale	373 407	407 408	Pink- lime shale	ch
Geologist: Top 0 3	Bottom 3 4 33	Formation OB clay lime	Top 197 198 207	Bottom 198 207 215	Formation coal shale sandy/ shale	373 407 408	407 408 410	Pink- lime shale Lexington- blk	sh:
Geologist: Top 0 3 4 33	Bottom 3 4 33 61	Formation OB clay lime shale	Top 197 198 207 215	Bottom 198 207 215 240	Formation coal shale sandy/ shale shale	373 407 408 410	407 408 410 421	Pink- lime shale Lexington- blk shale	sh
Top 0 3 4 33 61	Bottom 3 4 33 61 62	Formation OB clay lime shale coal	Top 197 198 207 215 240	Bottom 198 207 215 240 242	Formation coal shale sandy/ shale shale blk shale	373 407 408 410 421	407 408 410 421 422	Pink- lime shale Lexington- blk shale coal	sh
Top 0 3 4 33 61 62	Bottom 3 4 33 61 62 67	Formation OB clay lime shale coal sand	Top 197 198 207 215 240	Bottom 198 207 215 240 242 243	Formation coal shale sandy/ shale shale blk shale shale	373 407 408 410 421 422	407 408 410 421 422 433	Pink- lime shale Lexington- blk shale coal shale	sh
Top 0 3 4 33 61 62 67	Bottom 3 4 33 61 62 67	Formation OB clay lime shale coal sand shale	Top 197 198 207 215 240 242 243	Bottom 198 207 215 240 242 243 247	Formation coal shale sandy/ shale shale blk shale shale shale	373 407 408 410 421 422 433	407 408 410 421 422 433 438	Pink- lime shale Lexington- blk shale coal shale sand	sh
Top 0 3 4 33 61 62 67	Bottom 3 4 33 61 62 67 92 102	Formation OB clay lime shale coal sand shale	Top 197 198 207 215 240 242 243	Bottom 198 207 215 240 242 243 247 251	Formation coal shale sandy/ shale shale blk shale shale lime shale	373 407 408 410 421 422 433 438	407 408 410 421 422 433 438 449	Pink- lime shale Lexington- blk shale coal shale sand shale	sh
Top 0 3 4 33 61 62 67 92 102	Bottom 3 4 33 61 62 67 92 102 149	Formation OB clay lime shale coal sand shale lime shale	Top 197 198 207 215 240 242 243 247	Bottom 198 207 215 240 242 243 247 251 263	Formation coal shale sandy/ shale shale blk shale shale lime shale lime	373 407 408 410 421 422 433 438 449	407 408 410 421 422 433 438 449	Pink- lime shale Lexington- blk shale coal shale sand shale coal	
Top 0 3 4 333 61 62 67 92 102 149	Bottom 3 4 333 61 62 67 92 102 149	Formation OB clay lime shale coal sand shale lime shale coal	Top 197 198 207 215 240 242 243 247 251	Bottom 198 207 215 240 242 243 247 251 263	Formation coal shale sandy/ shale shale blk shale shale lime shale lime shale	373 407 408 410 421 422 433 438 449	407 408 410 421 422 433 438 449 450	Pink- lime shale Lexington- blk shale coal shale sand shale coal Oswego- lime	
Top 0 3 4 33 61 62 67 92 102 149	Bottom 3 4 33 61 62 67 92 102 149 150	Formation OB clay lime shale coal sand shale lime shale coal	Top 197 198 207 215 240 242 243 247 251 263	Bottom 198 207 215 240 242 243 247 251 263 268	Formation coal shale sandy/ shale shale blk shale shale lime shale lime shale lime	373 407 408 410 421 422 433 438 449 450	407 408 410 421 422 433 438 449 450 472	Pink- lime shale Lexington- blk shale coal shale sand shale coal Oswego- lime shale	
Top 0 3 4 33 61 62 67 92 102 149 150	Bottom 3 4 33 61 62 67 92 102 149 150 151	Formation OB clay lime shale coal sand shale lime shale coal lime shale shale	Top 197 198 207 215 240 242 243 247 251 263 268	Bottom 198 207 215 240 242 243 247 251 263 268 288 316	Formation coal shale sandy/ shale shale blk shale shale lime shale lime shale lime shale	373 407 408 410 421 422 433 438 449 450 472	407 408 410 421 422 433 438 449 450 472 474	Pink- lime shale Lexington- blk shale coal shale sand shale coal Oswego- lime shale Summit- blk s	
Geologist: Top 0 3 4 33 61 62 67 92 102 149 150 151	Bottom 3 4 333 61 62 67 92 102 149 150 151 153	Formation OB clay lime shale coal sand shale lime shale coal lime shale	Top 197 198 207 215 240 242 243 247 251 263 268 288 316	Bottom 198 207 215 240 242 243 247 251 263 268 288 316 318	Formation coal shale sandy/ shale shale blk shale shale lime shale lime shale lime shale lime shale blk shale	373 407 408 410 421 422 433 438 449 450 472 474	407 408 410 421 422 433 438 449 450 472 474 478	Pink- lime shale Lexington- blk shale coal shale sand shale coal Oswego- lime shale Summit- blk s Mulky- shale	
Geologist: Top 0 3 4 33 61 62 67 92 102 149 150 151 153	Bottom 3 4 33 61 62 67 92 102 149 150 151 153 168 173	Formation OB clay lime shale coal sand shale lime shale coal lime shale lime shale	Top 197 198 207 215 240 242 243 247 251 263 268 288 316 318	Bottom 198 207 215 240 242 243 247 251 263 268 288 316 318	Formation coal shale sandy/ shale shale blk shale lime shale lime shale lime shale lime shale blk shale shale	373 407 408 410 421 422 433 438 449 450 472 474 478	407 408 410 421 422 433 438 449 450 472 474 478 516	Pink- lime shale Lexington- blk shale coal shale sand shale coal Oswego- lime shale Summit- blk s Mulky- shale sand	
Geologist: Top 0 3 4 33 61 62 67 92 102 149 150 151	Bottom 3 4 33 61 62 67 92 102 149 150 151 153 168 173	Formation OB clay lime shale coal sand shale lime shale coal lime shale lime shale blik shale	Top 197 198 207 215 240 242 243 247 251 263 268 288 316 318	Bottom 198 207 215 240 242 243 247 251 263 268 288 316 318 321	Formation coal shale sandy/ shale shale blk shale lime shale lime shale lime shale lime shale lime shale shale shale shale shale shale shale shale shale	373 407 408 410 421 422 433 438 449 450 472 474 478 479 516	407 408 410 421 422 433 438 449 450 472 474 478 516	Pink- lime shale Lexington- blk shale coal shale sand shale coal Oswego- lime shale Summit- blk s Mulky- shale sand shale	
Geologist: Top 0 3 4 33 61 62 67 92 102 149 150 151 153 168 173	Bottom 3 4 33 61 62 67 92 102 149 150 151 153 168 173 177	Formation OB clay lime shale coal sand shale lime shale coal lime shale lime shale	Top 197 198 207 215 240 242 243 247 251 263 268 288 316 318	Bottom 198 207 215 240 242 243 247 251 263 268 288 316 318 321 367	Formation coal shale sandy/ shale shale blk shale lime shale lime shale lime shale lime shale blk shale shale	373 407 408 410 421 422 433 438 449 450 472 474 478	407 408 410 421 422 433 438 449 450 472 474 478 516 574	Pink- lime shale Lexington- blk shale coal shale sand shale coal Oswego- lime shale Summit- blk s Mulky- shale sand	

RECEIVED KANSAS CORPORATION COMMISSION

JUL 0 5 2006

CONSERVATION DIVISION WICHITA, KS

	Quest Cherol		Lease Name:		White Farms		1003	page 2
Тор		Formation	Тор	Bottom	Formation	Тор	Bottom	Formation
589		Crowburg- blk	913	1003	Mississippi- lin	ne		
592		shale	1003		Total Depth			
599								
600		shale						
624		Fleming- blk s	hale					
627		sand						
631		shale						
635	636' 6"	Mineral- coal						
636' 6"		shale	-					
640	645	sand						
645	669	shale						
669	687	sandy/ shale						
687	688	Weir- coal						
688	693	shale					,	
693	696	sand						1
696	713	shale						
713	718	sand						
718	754	shale						
754	758	sand						
758	760	lime						
760	772	shale						
772	773	Bluejacket- co	pal					1
773		shale						
838	846	sand						
846		shale						
847	848	Rowe- coal						
848		shale				*		
849		Neutral- coal				,		
851		shale						
870	871	Drywood- coa	ıl					
871		shale				· :		1
890		sandy/ shale						
900		coal						
903	912	shale						
912	913	coal						

Notes: 06LC-030706-R1-019-White Farms 10-1 - Quest



RECEIVED
KANSAS CORPORATION COMMISSION
JUL 0 5 2006
CONSERVATION DIVISION
WICHITA, KS



DATE: 3/7/06

			Data Irun	n Driller's Log	VV CI	Kenneu D	rilling - Rig	, #1
WELL NAME:	White Farms	SECTION:	10	REPOR	T#: S	PUD DATI	3/2/2006	·
WELL#:	10-1	TWP:	29S	DEPTH:				
FIELD:	Cherokee Basi	→ 1117	19E	PBTD:	1992	1.00		
COUNTY:	Neosho	ELEVATION:	974	FOOTAG	3E: 550 F	T FROM	North	LINE
STATE:	Kansas	API#:	00000000000000000000000000000000000000	3-26496-00-00	footing 60 - (cont	TFROM	West	LINE
J.,,,,,,	Kuisas		15 15.	20170 00 80	1700		C NE NW	
	44-			*2,000,000,000,000			<u></u>	
ACTIVITY DE	SCRIPTION:							
Well Refined Dri	illing, Monte Sc	ott, drilled to TD 10	003 ft. on 3/7/06	ó.			· · · · · · · · · · · · · · · · · · ·	
GAS SHOWS:	C	umulative Gas			COMMENTS	:		
Mulberry Coal		0 ncf	/day @	370-372 FT.	Gas test at 3	28 ft. and	378 ft. No fl	ow ·
Lexington Shale	e and Coal	0 mcf	/day @	408-410 FT.	Gas test at 4	53 ft. No fl	OW .	
Summit Shale &	coal	37 mcf	/day @	474-478 FT.	37 mcf/day fr	om this ar	ea. Gas tes	t at 478 ft.
Mulky Shale &	Coal	37 mcf	/day @	FT. *				
Bevier Coal			/day @	574-575 FT.	GCS. Gas te	st at 578 ft		
Verdigris Limes	stone		/day @	587-589 FT.				
Croweburg Coa			/day @	589-592 FT.	GCS. Gas te	st at 603 ft	······································	
Fleming Coal			/day @	624-627 FT.	GCS. Gas te			
Weir Coal			/day @	687-688 FT.	25 mcf/day fr	om this ar	ea. Gas tes	t at 678 ft
Bartlesville San	d		/day @	693-758 FT.				
Rowe Coal			/day @	847-848 FT.				
Neutral Coal	***************************************		/day @	849-851 FT.	26 mcf/day fr	om this an	ea. Gas tes	t at 853 ft.
Riverton Coal				& 912-913 FT.				t at 903 ft.
					TO THE TURY II			
Mississippi				·				t at 928 ft.
TD: 1003 ft.		116 ncf	/day @	Top at 913 FT.	18 mcf/day fr GCS at TD.	om this an		t at 928 ft.
TD: 1003 ft. *Zone not ident Surface Casing Surface Casing	Formation Top @ 21.7' Size: 8 5/8"	116 ncf	/day @	·	18 mcf/day fr GCS at TD.	om this an		t at 928 ft.
TD: 1003 ft. *Zone not ident Surface Casing Surface Casing OTHER COMN	Formation Top @ 21.7' Size: 8 5/8" MENTS:	116 ncf	inotes.	Top at 913 FT.	18 mcf/day fr GCS at TD.	om this an	ea. Gas tes	
TD: 1003 ft. *Zone not ident Surface Casing Surface Casing OTHER COMN	Formation Top @ 21.7' Size: 8 5/8" MENTS: this report was	116 ncf	inotes. mmendation ma	Top at 913 FT. de without benefit of	18 mcf/day fr GCS at TD.	om this an	ea. Gas tes	
TD: 1003 ft. Zone not ident Surface Casing Surface Casing OTHER COMM Information in 1 driller recorded	Formation Top @ 21.7' Size: 8 5/8" MENTS: this report was during drilling	iller's handwritter as and Casing Recor	inotes. mmendation ma	Top at 913 FT. de without benefit of	18 mcf/day fr GCS at TD.	om this an	ea. Gas tes	t the
TD: 1003 ft. *Zone not ident Surface Casing Surface Casing OTHER COMM Information in 1 driller recorded	Formation Top @ 21.7' Size: 8 5/8" MENTS: this report was during drilling	iller's handwritter as and Casing Recor	inotes. mmendation ma	Top at 913 FT. de without benefit of	18 mcf/day fr GCS at TD. viewing open-hole	om this an	reflect wha	t the
TD: 1003 ft. *Zone not ident Surface Casing Surface Casing OTHER COMM Information in the driller recorded Pawnee LS / Pinloswego Limesto	Formation Top @ 21.7' Size: 8 5/8" MENTS: this report was I during drilling k 373-407 ne 450-472	iller's handwritter as and Casing Recor	inotes. mmendation ma	Top at 913 FT. de without benefit of	18 mcf/day fr GCS at TD. viewing open-hole	om this an	reflect wha	t the
TD: 1003 ft. *Zone not ident Surface Casing Surface Casing OTHER COMM Information in the driller recorded Pawnee LS / Pinl Oswego Limestor Stray Coal 421-4	Formation Top @ 21.7' Size: 8 5/8" MENTS: this report was I during drilling k 373-407 ne 450-472 22	iller's handwritter as and Casing Recor	inotes. mmendation ma	Top at 913 FT. de without benefit of	18 mcf/day fr GCS at TD. viewing open-hole	om this an	reflect wha	t the
TD: 1003 ft. *Zone not ident Surface Casing Surface Casing OTHER COMM Information in the driller recorded Pawnee LS / Pinloswego Limestor Stray Coal 421-4 Stray Coal 449-4	Formation Top @ 21.7' Size: 8 5/8" MENTS: this report was I during drilling k 373-407 ne 450-472 22 50	iller's handwritter as and Casing Recor	inotes. mmendation ma	Top at 913 FT. de without benefit of	18 mcf/day fr GCS at TD. viewing open-hole	om this an	reflect wha	t the
*Zone not ident *Zone not ident Surface Casing Surface Casing OTHER COMM Information in the driller recorded Pawnee LS / Pinl Oswego Limestor Stray Coal 421-4 Stray Coal 449-4 Stray Coal 599-6	Formation Top @ 21.7' Size: 8 5/8" MENTS: this report was I during drilling k 373-407 ne 450-472 22 50 000	iller's handwritter as and Casing Recor	inotes. mmendation ma	Top at 913 FT. de without benefit of	18 mcf/day fr GCS at TD. viewing open-hole	logs first.	reflect wha	t the ED N COMMIS
*Zone not ident *Zone not ident Surface Casing Surface Casing OTHER COMN Information in the driller recorded Pawnee LS / Pinloswego Limestor Stray Coal 421-4 Stray Coal 449-4 Stray Coal 599-6 Mineral Coal 635	Formation Top @ 21.7' Size: 8 5/8" MENTS: this report was during drilling k 373-407 ne 450-472 22 50 00 5-636.5	iller's handwritter as and Casing Recor	inotes. mmendation ma	Top at 913 FT. de without benefit of	18 mcf/day fr GCS at TD. viewing open-hole	logs first.	reflect wha	t the /ED N COMMIS
Surface Casing Surface Casing OTHER COMN Information in 1	Formation Top @ 21.7' Size: 8 5/8" MENTS: this report was during drilling k 373-407 ne 450-472 22 50 00 5-636.5 772-773	iller's handwritter as and Casing Recor	inotes. mmendation ma	Top at 913 FT. de without benefit of	18 mcf/day fr GCS at TD. viewing open-hole	logs first.	reflect wha	t the /ED N COMMIS
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