Confidentiality Requested: Yes No

## KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1183343

Form ACO-1 August 2013 Form must be Typed Form must be Signed All blanks must be Filled

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

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from Dorth / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxx) (e.gxxx.xxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
	Elevation: Ground: Kelly Bushing:
□ OG □ GSW □ Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Drilling Fluid Management Plan
Plug Back Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled         Permit #:           Dual Completion         Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR         Permit #:	
GSW     Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
Recompletion Date Recompletion Date	County: Permit #:

## AFFIDAVIT

I am the affiant and I hereby certify that 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.

## Submitted Electronically

KCC Office Use ONLY				
Confidentiality Requested				
Date:				
Confidential Release Date:				
Wireline Log Received				
Geologist Report Received				
UIC Distribution				
ALT I II III Approved by: Date:				

	Page Iwo	1183343
Operator Name:	Lease Name:	Well #:
Sec TwpS. R   East  West	County:	
INCTRUCTIONS: Chain important tang of formations paratrated De	toil all aaroa Danart all final	appiag of drill stamp tasts giving interval tastad time tast

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken (Attach Additional She	eets)	Yes No		-	on (Top), Depth a		Sample
Samples Sent to Geolog	gical Survey	Yes No	Nam	9		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
			RECORD Ne		ion, 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
		ADDITIONAL	CEMENTING / SQU	EEZE RECORD			
Purposo:	Denth						

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing				
Plug Back TD				
Plug Off Zone				

No

Did you perform a hydraulic fracturing treatment on this well?	Yes
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?	Yes
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?	Yes

No	(If No, skip questions 2 and 3)
No	(If No, skip question 3)

(If No, fill out Page Three of the ACO-1)

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				
TUBING RECORD:	Siz	e: Se	t At:	Packer	r At:	Liner R		No	
Date of First, Resumed	Productio	on, SWD or ENHR.	Producing		ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bbls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITI		DF GAS: METHOD OF COMPLETION: PRODUCTION INTERVAL:			TER\/AL·				
Vented Sold	_	Ised on Lease	Open Hole	Perf.	Dually	Comp.	Commingled		
(If vented, Sul	bmit ACO-	-18.)	Other (Speci	ify)	(Submit /		(Submit ACO-4)		

Form	ACO1 - Well Completion
Operator	Raydon Exploration, Inc.
Well Name	Elmore 1-27
Doc ID	1183343

All Electric Logs Run

ACRT			
BSAT			
Microlog			
Porosity			

Form	ACO1 - Well Completion
Operator	Raydon Exploration, Inc.
Well Name	Elmore 1-27
Doc ID	1183343

Tops

Name	Тор	Datum
Chase Group	2160	-79
Krider	2179	-98
Winfield	2239	-158
Ft Riley	2304	-223
Council Grove	2428	-347
Topeka LM	3263	-1182
Base Heebner Sh	3640	-1559
Brown Lime	3708	-1627
Lansing	3722	-1641
Drum Lm	3864	-1783
Swope Lm	3947	-1866
Marmaton Lm	4113	-2032
Conglomerate	4177	-2096
Mississippian	4261	-2180

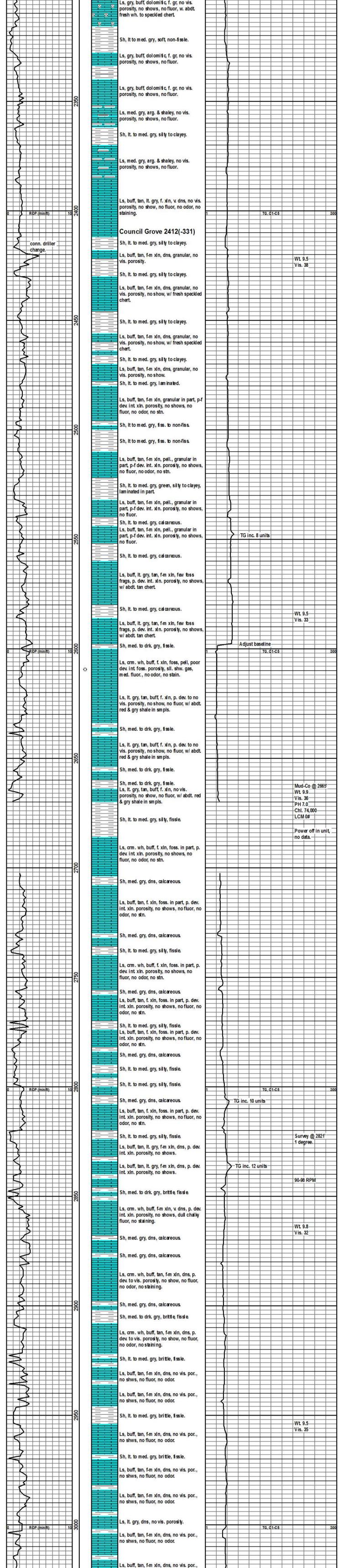
Form	ACO1 - Well Completion
Operator	Raydon Exploration, Inc.
Well Name	Elmore 1-27
Doc ID	1183343

Casing

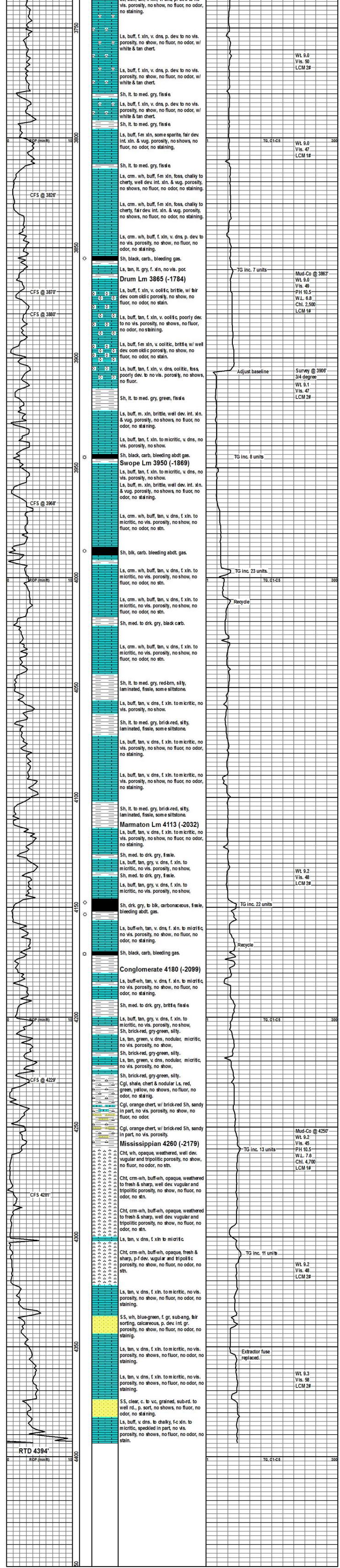
Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Type and Percent Additives
Surface	12.25	8.625	24		A-con, Prem Plus	3%CC,1/4 #Polyflake

RAYDON EXPLORATION							
Elmore #1-27							
Scale 1:240 (5"=100') Imperial Measured Depth Log Well Name: Elmore #1-27 Location: Section 27-T21S-R19W License Number: API 15-145-21742 Spud Date: 12/4/2013 Surface Coordinates: 1,018' FSL & 335' FWL Bottom Hole 1,018' FSL & 335' FWL Coordinates:							
Ground Elevation (ft): 2,072' K.B. Elevation (ft): 2,081' Logged Interval (ft): 2,000' To: 4,394' Total Depth (ft): 4,394' Formation: Mississippian Type of Drilling Fluid: Chemical Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com							
OPERATOR Company: Raydon Exploration, Inc. Address: 1601 NW Expressway, Suite 1300 Oklahoma City, OK 73118							
GEOLOGIST Name: Thomas M. Williams Company: Petroleum Geologist Address: Wichita, KS							
CORE Contractor: Core #: Formation: Core Interval: From: Cut: To: Recovered: Bit type: Size: Coring Time:							
Formation Tops           Sample Top         E-Log Top           Chase Group         2156 (-75)         2160 (-79)           Krider         2162 (-81)         2179 (-98)           Winfield         2216 (-135)         2239 (-158)           Ft. Riley         2290 (-209)         2304 (-223)           Council Grove         2412 (-331)         2428 (-347)           Topeka Lm         3264 (-1183)         3263 (-1182)           Base/ Heebner Sh         3641 (-1560)         3640 (-1559)           Brown Lime         3703 (-1622)         3708 (-1627)           Lansing         3720 (-1639)         3722 (-1641)           Drum Lm         3865 (-1784)         3864 (-1783)           Swope Lm         3950 (-1869)         3947 (-1866)           Marmaton Lm         4113 (-2032)         4113 (-2032)           Conglomerate         4180 (-2099)         4177 (-2096)           Mississippian         4260 (-2179)         4261 (-2180)							
DSTs None							
None							
None Comments Due to the lack of shows, and electric log calculations, it was decided to plug and abandon the Elmore #1-27 as a dry hole.							

Curve Track 1 ROP (min/ft)					(Units		1	TG, C	C1-C	5				
	Shows	Lithology Geological Descriptions		C2 ( C3 (	units units units units	) )							 	
Č	s s				units						28 (8		 	
0				1				TG, C	1-C5				2 2 7	300
			Sh, red, gry, sillty, non-fissle.											
			Anhydrite, clear to opaque, dns.											
\$														
			Sh, red, gry, sillty, non-fissle.											
<pre></pre>			Anhydrite, clear to opaque, dns.											
			Sh, red, gry, sillty, non-fissle.											
3			511, 100, gry, a i g, 101-113510.											
\$			Anhydrite, clear to opaque, dns.								-Wt 9 Vis.			
2			Sh, red, gry, sillty, non-fissle.											
<pre>k</pre>			Anhydrite, clear to opaque, dns.											
			Anhydrite, clear to opaque, dns.							_	2097'	repai	rmud	d
			Dolo, buff, It. gry, f. gr, no vis. porosity, no shows, no fluor.								pum			
5			Sh, gry, red-brn, silty, non-fiss.											
Ş			Dolo. & shale thinly bedded.										2 3 5 /	
Ę			Sh, gry, red, soft, silty, non-fiss.								Mud		2128	
$\mathbf{z}$		4.4	Dolo, buff, It. gry, f. gr, no vis. porosity, no shows, no fluor.		Ħ						Wt.9 Vis.	.8 29	2120	
Ş	ļ		Sh, gry, red, soft, silty, non-fiss.							_	PH 7 -Chl. -LCM	98,000	)	
			Dolo, buff, It. gry, f. gr, no vis. porosity, no shows, no fluor.								Dun	tank	of pre	
		<u> </u>	Chase Group 2156 (-75) Sh, gry, red, soft, silty, non-fiss.										systen	
>		4 4	Krider 2162 (-81) Dolo, It. to med. gry, f. xln, granular to											
ξ.		4.4	sucrosic, fair dev. int. xin porosity, no shows, no fluor, no odor.		}									
-		44	Sh, gry, red, soft, silty, non-fiss.											
			Sh, gry, red-brn, silty, non-fiss.											
CFS 2199' 40 m in	0		Shale, brown, w/ carbonaceous laminations, bleeding gas, no fluor.		4	3		G inc.						
CFS 2199' 40 min ROP (min/ft) 10	Ì			1	$\left( \right)$			Ginc. nalogo		ts on				300
2			Sh, gry, red, soft, silty, non-fiss. Winfield 2216 (-135)		$\left\{ \right\}$	1								
Ž		<u>, a 1</u>	Dolo, buff, gry, f. xln, granular to sucrosic, p-f dev. int xln. porosity, no		1									
			shows, no fluor, w/ speckled gry chert.		1					14 15 15 15 15 15 15 15 15 15 15 15 15 15				
E			Dolo, buff, gry, f. xln, granular to sucrosic, p-f dev. int. xln. porosity, no		ţ						Wt 9 Vis.			
2			shows, no fluor, w/ speckled gry chert.		-									
CFS 2250' 40 m in					7									
		4 4	Dolo, buff, It gry, f gr, no vis. porosity, no shows, no fluor.		ł									
			Sh, it to med.gry, soft, non-fissle.											
$\mathbf{x}$					#									
S.			Sh, It to med. gry, silty, non-fissle											
$\mathbf{x}$			Ft. Riley 2290 (-209) Ls, gry, buff, dolomitic, f. gr, no vis.								- 5		2293'	
		a a	porosity, no shows, no fluor, w. abdt. fresh wh. to speckled chert.		ł							egree		
		a a a	Ls, gry, buff, dolomitic, f. gr, no vis.		Ţ									



		Ls, buff, tan, f-m xln, dns, no vis. por., no shws, no fluor, no odor.	
		Sh, it. to med. gry, brittle, fissle.	
4		3037 (-956)	
		Ls, crm wh, buff, f-m xln, dns, no vis. porosity, no shows, no fluor.	
	3050	Sh, lt. to med. gry, brittle, fissle.	
		3067 (-986)	
2		Ls, buff, gry, f.m xln, dns, no vis. porosity, no shows, no fluor.	
Ę		Ls, It. gry, dns, no vis. porosity.	
$\sum$	-	Ls, crm. wh, buff, m. xln, foss, fair dev.	
$\mathbf{i}$	3400	int. foss. porosity, no shows, no fluor, no odor, no staining. Ls, lt. gry, dns, no vis. porosity.	
		Sh, it. to med. gry, lam ina ted.	
		Sh, lt. to med. gry, brittle, fissle.	
3		3123 (-1042) Ls, tan, buff, f-m xln, foss, v. dns, no vis.	
3		porosity, no shows, no fluor, no odor, no staining.	
Ś		Ls, buff, gry, f. xin, chalky in part, p. dev. int. xln. & vug. porosity, no shows, chalky fluor.	
2	3450		
Ş		Ls, tan, buff, f-m xln, foss, v. dns, no vis. porosity, no shows, no fluor, no odor, no	
}	-	staining.	
£		Sh, med. gry, dns, calcareous.	
		Ls, gry, f. xIn, no vis. porosity, no shows, chalky fluor.	
ROP (min/ft)	10	Sh, med. to drk. gry, dns, fissle Ls, crm. wh, buff, f-m xln, foss, chalky, granular, fair to well dev. vug. & int. foss.	1 T6, C1-C5 300
		porosity, no shows, chalky fluor, no odor no staining.	
		Ls, crm. wh, buff, f-m xin, foss, chalky,	
<b>}</b>		granular, p. dev. vug. & int. xIn. porosity, no shows, chalky fluor, no odor, no staining.	Mud-Co @ 3224'
		Ls, crm. wh, buff, f-m xin, chalky,	Vis. 32 PH 7.0 Chl. 44,000 LCM 0#
ξ		granular, p. dev. vug. & int. xln. porosity, no shows, chalky fluor, no odor, no staining.	
	3750	Sh, med. gry, brittle, la minated, fissle	Adjust baseline
		<sup>blades.</sup> Topeka Lm 3264 (-1183)	
2		Ls, crm. wh, buff, foss, f. xln, w/ c. xln. sparite, chalky in part, fair dev. int. foss. & vug. por., no shows, no fluor, no odor.	
		Ls, tan, buff, f. xln. to micritic, no vis.	
		porosity, no shows,w/abdt.red & gry shale in samples	
	3300	Ls, tan, buff, f. xln, w/ c. xln. sparite, p. dev. int xln. por, no shws.	
1	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Ls, crm. wh, buff, foss, f. xin, w/ c. xin.	
<pre></pre>		sparite, chalky in part, fair dev. int. foss. & vug. por., no shows, no fluor, no odor.	
<pre></pre>	-		Displace Mud
5		Ls, crm. wh, buff, foss, f. xln, w/ c. xln. sparite, chalky in part, fair dev. int. foss.	Displace Mud
}		& vug. por., no shows, no fluor, no odor.	
3	3350	Ls, crm. wh, buff, foss, f. xin, w/ c. xin.	
Ş.		sparite, chalky in part, fair dev. int. foss. & vug. por., no shows, no fluor, no odor.	
<pre>{</pre>		Ls, crm. wh, buff, foss, f. xin, w/ c. xin. sparite, chalky in part, fair dev. int. foss.	
		& vug. por., no shows, no fluor, no odor.	
	10	Ls, crm. wh, buff, tan, f. xin, w/ c. xin.	
	10 2	sparite, chalky in part, poor dev. int. xln. por., no shows, no fluor, no odor.	1 TG. d1-C5 300
{	_		
		Ls, crm. wh, buff, foss, f. xln, w/ c. xln. sparite, chalky in part, fair dev. int. foss. & vug. por., no shows, no fluor, no odor.	
		sparite, chalky in part, fair dev. int. foss.	
		sparite, chalky in part, fair dev. int. foss. & vug. por., no shows, no fluor, no odor. Sh, med. to drk. gry, brittle, fissle.	
	3450	sparite, chalky in part, fair dev. int. foss. & vug. por., no shows, no fluor, no odor. Sh, med. to drk. gry, brittle, fissle Sh, med. gry, brittle, laminated, fissle blades.	
	3450	sparite, chalky in part, fair dev. int. foss. & vug. por., no shows, no fluor, no odor. Sh, med. to drk. gry, brittle, fissle Sh, med. gry, brittle, laminated, fissle blades. Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns, no vis. porosity.	
	3450	sparite, chalky in part, fair dev. int. foss. & vug. por., no shows, no fluor, no odor. Sh, med. to drk. gry, brittle, fissle blades. Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns, no vis. porosity. Sh, med. to drk. gry, brittle, fissle Ls, crm. wh, buff, tan, f. xln. to micritic,	
	3450	sparite, chalky in part, fair dev. int. foss. & vug. por., no shows, no fluor, no odor. Sh, med. to drk. gry, brittle, fissle Sh, med. gry, brittle, laminated, fissle blades. Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns, no vis. porosity. Sh, med. to drk. gry, brittle, fissle	
	3450	<ul> <li>sparite, chalky in part, fair dev. int. foss.</li> <li>&amp; vug. por., no shows, no fluor, no odor.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Sh, med. gry, brittle, laminated, fissle</li> <li>blades.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic,</li> <li>v. dns, no vis porosity.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic,</li> <li>v. dns, no vis porosity.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic,</li> <li>v. dns to chalky, p-f dev. int., xln.</li> <li>porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic,</li> <li>v. dns to chalky, p-f dev. int., xln.</li> </ul>	Replace Wt 8.7 Keplace Vis. 54
		<ul> <li>sparite, chalky in part, fair dev. int. foss.</li> <li>&amp; vug. por., no shows, no fluor, no odor.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Sh, med. gry, brittle, laminated, fissle</li> <li>blades.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns, no vis. porosity.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns to chalky, p-f dev. int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns. to chalky, p-f dev. int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> </ul>	Replace         Wt 8.7
	34500 345000 34500 3450000000000	<ul> <li>sparite, chalky in part, fair dev. int. foss.</li> <li>&amp; vug. por., no shows, no fluor, no odor.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Sh, med. gry, brittle, laminated, fissle</li> <li>blades.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns, no vis porosity.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns no vis porosity.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns to chalky, p-f dev. int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns to chalky, p-f dev. int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> </ul>	Replace         Wt 8.7
		<ul> <li>sparite, chalky in part, fair dev. int. foss.</li> <li>&amp; vug. por., no shows, no fluor, no odor.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Sh, med. gry, brittle, lami nated, fissle</li> <li>blades.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns, no vis porosity.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns to chalky, p-f dev. int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns to chalky, p-f dev. int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns to chalky, p-f dev. int., xln.</li> <li>porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns to chalky, p-f dev. int., xln.</li> </ul>	Replace         Wt 8.7
		<ul> <li>sparite, chalky in part, fair dev. int. foss. &amp; vug. por., no shows, no fluor, no odor.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Sh, med. gry, brittle, laminated, fissle blades.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns, no vis porosity.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns to chalky, p-f dev. int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns to chalky, p-f dev. int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns to chalky, p-f dev. int., xln.</li> <li>porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns, no vis porosity.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns, no vis porosity.</li> <li>Sh, drk. gry. to blk. carb.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, granular in part, v. dns to chalky, well</li> </ul>	Replace         Wt 8.7
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	3500	<ul> <li>sparite, chalky in part, fair dev. int. foss. &amp; vug. por., no shows, no fluor, no odor.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Sh, med. gry, brittle, laminated, fissle blades.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns, no vis porosity.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns. to chalky, p-f dev. int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns. to chalky, p-f dev. int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns. to chalky, p-f dev. int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns, no vis porosity.</li> <li>Sh, drk. gry. to blk. carb.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, granular in part, v. dns. to chalky, well dev. int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, granular in part, v. dns. to chalky, well dev. int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, granular in part, v. dns. to chalky, well dev. int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> </ul>	Replace Extractor Wt 8.7 Vis. 54 Extractor Wt 8.7 Vis. 54 Wt 8.7 Vis. 54
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	3500	<ul> <li>sparite, chalky in part, fair dev. int. foss. &amp; vug. por., no shows, no fluor, no odor.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Sh, med. gry, brittle, laminated, fissle blades.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns, no vis porosity.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns to chalky, p-f dev. int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns. to chalky, p-f dev. int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns. to chalky, p-f dev. int., xln.</li> <li>porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns, no vis porosity.</li> <li>Sh, drk. gry. to blk. carb.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, granular in part, v. dns to chalky, well dev. int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, granular in part, v. dns to chalky, well dev. int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Ls, buff, tan, f-m xln, micritic to granular, fair dev. int. xln. &amp; vug. porosity, no</li> </ul>	Replace Extractor Wt 8.7 Vis. 54
	3550	<ul> <li>sparite, chalky in part, fair dev. int. foss. &amp; vug. por., no shows, no fluor, no odor.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Sh, med. gry, brittle, laminated, fissle blades.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns, no vis. porosity.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns. to chalky. p-f dev. int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns. to chalky. p-f dev. int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns. to chalky, p-f dev. int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns, no vis. porosity.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns, no vis. porosity.</li> <li>Sh, drk. gry. to blk. carb.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, granular in part, v. dns. to chalky, well dev. int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, granular in part, v. dns. to chalky, well dev. int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Ls, buff, tan, f-m xln, micritic to granular, fair dev. int xln. &amp; vug. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Ls, buff, tan, f-m xln, micritic to granular, fair dev. int xln. &amp; vug. porosity, no</li> </ul>	Replace Extractor Extractor Wt 8.7 Vis. 54 Wt 8.7 Vis. 54
	3500	<ul> <li>sparite, chalky in part, fair dev. int. foss. &amp; vug. por., no shows, no fluor, no odor.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Sh, med. gry, brittle, laminated, fissle blades.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns, no vis. porosity.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns. to chalky. p-f dev. int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns. to chalky. p-f dev. int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns. to chalky, p-f dev. int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns, no vis. porosity.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns, no vis. porosity.</li> <li>Sh, drk. gry. to blk. carb.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, granular in part, v. dns. to chalky, well dev. int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, granular in part, v. dns. to chalky, well dev. int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Ls, buff, tan, f-m xln, micritic to granular, fair dev. int xln. &amp; vug. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Ls, buff, tan, f-m xln, micritic to granular, fair dev. int xln. &amp; vug. porosity, no</li> </ul>	Replace Extractor Wt 8.7 Vis. 54
	3550	<ul> <li>sparite, chalky in part, fair dev. int. foss. &amp; vug. por., no shows, no fluor, no odor.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Sh, med. gry, brittle, laminated, fissle blades.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns, no vis. porosity.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns. to chalky, p-f dev int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns. to chalky, p-f dev int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns. to chalky, p-f dev int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns, no vis. porosity.</li> <li>Sh, drk. gry. to blk. carb.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, granular in part, v. dns. to chalky, well dev int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, granular in part, v. dns. to chalky, well dev int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Ls, buff, tan, f-m xln, micritic to granular, fair dev int xln. &amp; vug. porosity, no shows, no fluor, no odor, no staining.</li> <li>Ls, buff, tan, f-m xln, micritic to granular, fair dev int xln. &amp; vug. porosity, no shows, no fluor, no odor, no staining.</li> <li>Ls, buff, it. gry-wh, f. xln, granular, sub-chalky, well dev. int. xln. &amp; vug. porosity, no shows, no fluor.</li> </ul>	Replace Extractor Extractor Wt 8.7 Vis. 54 Wt 8.7 Vis. 54
	3550	<ul> <li>sparite, chalky in part, fair dev. int. foss &amp; vug. por., no shows, no fluor, no odor.</li> <li>Sh, med. to drk. gry, brittl e, fissl e</li> <li>Sh, med. gry, brittle, lami nated, fissl e blades.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns, no vis. porosity.</li> <li>Sh, med. to drk. gry, brittle, fissl e</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns to chalky, p-f dev. int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns. to chalky, p-f dev. int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns. to chalky, p-f dev. int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns, no vis. porosity.</li> <li>Sh, drk. gry. to blk. carb.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, granular in part, v. dns. to chalky, well dev. int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, granular in part, v. dns. to chalky, well dev. int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Ls, buff, tan, f-m xln, micritic to granular, fair dev. int, xln. &amp; vug. porosity, no shows, no fluor, no odor, no staining.</li> <li>Ls, buff, tan, f-m xln, micritic to granular, fair dev. int xln. &amp; vug. porosity, no shows, no fluor, no odor, no staining.</li> <li>Ls, buff, tan, f-m xln, micritic to granular, fair dev. int xln. &amp; vug. porosity, no shows, no fluor, no odor, no staining.</li> <li>Ls, buff, lt. gry-wh, f. xln, granular, subchalky, well dev. int. xin. &amp; vug.</li> </ul>	Replace Extractor Extractor Wt 8.7 Vis. 54 Wt 8.7 Vis. 54
	3550	<ul> <li>sparite, chalky in part, fair dev. int. foss. &amp; vug. por., no shows, no fluor, no odor.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Sh, med. gry, brittle, laminated, fissle blades.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns, no vis. porosity.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns. to chalky, p-f dev. int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns. to chalky, p-f dev. int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns. to chalky, p-f dev. int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, granular in part, v. dns. to chalky, well dev. int., xln. porosity.</li> <li>Sh, drk. gry. to blk. carb.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, granular in part, v. dns. to chalky, well dev. int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Ls, buff, tan, f-m xln, micritic to granular, fair dev. int xln. &amp; vug. porosity, no shows, no fluor, no odor, no staining.</li> <li>Ls, buff, tan, f-m xln, micritic to granular, fair dev. int xln. &amp; vug. porosity, no shows, no fluor.</li> <li>Ls, buff, lt. gry-wh, f. xln, granular, sub-chalky, well dev. int xln. &amp; vug. porosity, no shows, no fluor.</li> <li>Ls, buff, lt. gry-wh, f. xln, granular, sub-chalky, tair dev. int xln. &amp; vug. porosity, no shows, no fluor.</li> <li>B/ Heebner 3641 (-1560)</li> </ul>	Replace Extractor Wt 8.7 Vis. 54 Wt 8.7 Vis. 54 Wt 8.7 Vis. 54 Wt 8.7 Vis. 54 Wt 8.7 Vis. 54 S4 S4 S4 S4 S4 S4 S4 S4 S4
	3500	<ul> <li>sparite, chalky in part, fair dev. int. foss. &amp; vug. por., no shows, no fluor, no odor.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Sh, med. gry, brittle, laminated, fissle blades.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns, no vis. porosity.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns to chalky, p-f dex int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns to chalky, p-f dex int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns to chalky, p-f dex int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, yranular in part, v. dns to chalky, well dev. int., xln. porosity.</li> <li>Sh, drk. gry. to blk. carb.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, granular in part, v. dns to chalky, well dev. int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Ls, buff, tan, f-m xln, micritic to granular, fair dev. int xln. &amp; vug. porosity, no shows, no fluor, no odor, no staining.</li> <li>Ls, buff, tan, f-m xln, micritic to granular, fair dev. int xln. &amp; vug. porosity, no shows, no fluor, no odor, no staining.</li> <li>Ls, buff, it. gry-wh, f. xln, granular, sub-chalky, kir dev. int xln. &amp; vug. porosity, no shows, no fluor, no odor, no staining.</li> <li>Ls, buff, it. gry-wh, f. xln, granular, sub-chalky, kir dev. int xln. &amp; vug. porosity, no show, no fluor.</li> <li><b>B</b> / Heebner 3641 (-1560)</li> <li>Sh, blk, carbonaceous, shw. gas. Ls, tan, gry, f. xln, v. dns, foss.</li> </ul>	Replace Extractor TG. C1-C5 TG. inc. 7 units TG. inc. 7 units Wt 8.9 Vis. 50
	3550	<ul> <li>sparite, chalky in part, fair dev. int. foss. &amp; vug. por., no shows, no fluor, no odor.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Sh, med. gry, brittle, laminated, fissle</li> <li>blades.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns, no vis porosity.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns to chalky, p-f dev int., xln., porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns to chalky, p-f dev int., xln., porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns to chalky, p-f dev int., xln.</li> <li>porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, y. dns, no vis, porosity.</li> <li>Sh, drk. gry. to blk. carb.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, granular in part, v. dns. to chalky, well dev. int, xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Ls, buff, tan, f-m xln, micritic to granular, fair dev. int xln. &amp; vug. porosity, no shows, no fluor, no odor, no staining.</li> <li>Ls, buff, tan, f-m xln, micritic to granular, fair dev. int xln. &amp; vug. porosity, no shows, no fluor, no odor, no staining.</li> <li>Ls, buff, it, gry-wh, f. xln, granular, sub-chalky, well dev. int xln. &amp; vug. porosity, no shows, no fluor.</li> <li>Ls, buff, it, gry-wh, f. xln, granular, sub-chalky, tair dev. int xln. &amp; vug. porosity, no shows, no fluor.</li> <li>B/ Heebner 3641 (-1560)</li> <li>Sh, blk, carbonaceous, shw. gas.</li> </ul>	Replace Extractor Extractor T 6.01-25 T 6 inc. 7 units Wt 8.9
	3500	<ul> <li>sparite, chalky in part, fair dev. int. foss &amp; vug. por., no shows, no fluor, no odor.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Sh, med. gry, brittle, laminated, fissle blades.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns, no vis. porosity.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns to chalky, p-f dev. int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns to chalky, p-f dev. int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns to chalky, p-f dev. int, xln. porosity.</li> <li>Sh, drk. gry. to blk. carb.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, granular in part, v. dns to chalky, well dev. int, xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, granular in part, v. dns to chalky, well dev. int, xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Ls, buff, tan, f-m xln, micritic to granular, fair dev. int xln. &amp; vug. porosity, no shows, no fluor, no odor, no staining.</li> <li>Ls, buff, tan, f-m xln, micritic to granular, fair dev. int xln. &amp; vug. porosity, no shows, no fluor, no staining.</li> <li>Ls, buff, it. gry-wh, f. xln, granular, sub-chalky, fair dev. int xln. &amp; vug. porosity, no show, no fluor.</li> <li>Ls, buff, it. gry-wh, f. xln, granular, sub-chalky, fair dev. int xln. &amp; vug. porosity, no show, no fluor.</li> <li>B/ Heebner 3641 (-1560)</li> <li>Sh, blk, carbonaceous, shw. gas.</li> <li>Ls, to med. gry, fissle</li> <li>Ls, to mo show, no fluor.</li> </ul>	Replace Extractor TG. C1-C5 TG. inc. 7 units TG. inc. 7 units Wt 8.9 Vis. 50
	3500	<ul> <li>sparite, chalky in part, fair dev. int. foss &amp; vug. por., no shows, no fluor, no odor.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Sh, med. gry, brittle, laminated, fissle blades.</li> <li>Ls, orm. wh, buff, tan, f. xln. to micritic, v. dns no vis porosity.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, orm. wh, buff, tan, f. xln. to micritic, v. dns to chalky, p-f dev. int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Ls, orm. wh, buff, tan, f. xln. to micritic, v. dns to chalky, p-f dev. int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, v. dns to chalky, p-f dev. int., xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, y. dns, no vis porosity.</li> <li>Sh, drk. gry. to blk. carb.</li> <li>Ls, crm. wh, buff, tan, f. xln. to micritic, granular in part, v. dns. to chalky, well dev. int, xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Ls, buff, tan, f-m xln, micritic to granular, fair dev. int xln. &amp; vug. porosity, no shows, no fluor, no odor, no staining.</li> <li>Ls, buff, tan, f-m xln, micritic to granular, fair dev. int xln. &amp; vug. porosity, no shows, no fluor, no odor, no staining.</li> <li>Ls, buff, it. gry-wh, f. xln, granular, sub-chalky, fair dev. int xln. &amp; vug. porosity, no show, no fluor.</li> <li>Ls, buff, it. gry-wh, f. xln, granular, sub-chalky, fair dev. int xln. &amp; vug. porosity, no show, no fluor.</li> <li>B/ Heebner 3641 (-1560)</li> <li>Sh, blk, carbonaceous, shw. gas.</li> <li>Ls, huf, tan, f. xln, v. dns, no vis. porosity, no show, no fluor.</li> <li>Ls, crm. wh, buff, m. xln, granular, to sucrosity, no show, no fluor, no staining.</li> </ul>	Replace Extractor TG. C1-C5 TG. inc. 7 units TG. inc. 7 units Wt 8.9 Vis. 50
	3500	sparite, chalky in part, fair dev. int. foss & vug. por., no shows, no fluor, no odor. Sh, med. to drk. gry, brittle, fissle Sh, med. gry, brittle, laminated, fissle blades. Ls, orm. wh, buff, tan, f. xln. to micritic, v. dns, no vis. porosity. Sh, med. to drk. gry, brittle, fissle Ls, orm. wh, buff, tan, f. xln. to micritic, v. dns. to chalky, p-f dev. int, xln. porosity, no shows, chalky fluor, no odor, no staining. Ls, orm. wh, buff, tan, f. xln. to micritic, v. dns. to chalky, p-f dev. int, xln. porosity, no shows, chalky fluor, no odor, no staining. Sh, med. to drk. gry, brittle, fissle Ls, orm. wh, buff, tan, f. xln. to micritic, v. dns, no vis. porosity. Sh, drk. gry. to blk. carb. Ls, orm. wh, buff, tan, f. xln. to micritic, granular in part, v. dns. to chalky, well dev. int, xln. porosity, no shows, chalky fluor, no odor, no staining. Ls, buff, tan, f-m xln, micritic to granular, fair dev. int xln. & vug. porosity, no shows, no fluor, no odor, no staining. Ls, buff, tan, f-m xln, micritic to granular, fair dev. int xln. & vug. porosity, no shows, no fluor, no odor, no staining. Ls, buff, it. gry-wh, f. xln, granular, sub-chalky, well dev. int xln. & vug. porosity, no show, no fluor. B/ Heebner 3641 (-1560) Sh, blk, carbonaceous, shw. gas. Ls, tan, gry, f. xln, v. dns, foss. Sh, it. to med. gry, fissle Ls, tan, gry, f. xln, v. dns, no dor, no staining. Sh, blt, carbonaceous, shw. gas. Ls, tan, gry, f. xln, v. dns, no, su porosity, no show, no fluor. Ls, buff, it. gry-wh, f. xin, granular, sub-chalky, fur dev. int. xln. & vug. porosity, no show, no fluor. Sh, blk, carbonaceous, shw. gas. Ls, tan, gry, f. xln, v. dns, foss. Sh, it. to med. gry, fissle Ls, tan, gry, f. xln, v. dns, foss. Sh, it. to med. gry, fissle Ls, tan, gry, brittle, fissle blades.	Replace Extractor TG. C1-C5 TG. inc. 7 units TG. inc. 7 units Wt 8.9 Vis. 50
	3500	<ul> <li>sparite, chalky in part, fair dev. int. foss &amp; vug. por., no shows, no fluor, no odor.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Sh, med. gry, brittle, laminated, fissle blades.</li> <li>Ls, orm. wh, buff, tan, f. xln. to micritic, v. dns, no vis porosity.</li> <li>Sh, med. to drk. gry, brittle fissle</li> <li>Ls, orm. wh, buff, tan, f. xln. to micritic, v. dns to chalky, p-f dev int. xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Ls, orm. wh, buff, tan, f. xln. to micritic, v. dns to chalky, p-f dev int. xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Sh, med. to drk. gry, brittle fissle</li> <li>Ls, orm. wh, buff, tan, f. xln. to micritic, v. dns no vis porosity.</li> <li>Sh, med. to drk. gry, brittle fissle</li> <li>Ls, orm. wh, buff, tan, f. xln. to micritic, granular in part, v. dns. to chalky, well dev int. xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Ls, orm. wh, buff, tan, f. xln. to micritic, granular in part, v. dns. to chalky, well dev int. xln. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Ls, buff, tan, f-m xln, micritic to granular, fair dev int. xln. &amp; vug. porosity, no shows, no fluor, no odor, no staining.</li> <li>Ls, buff, tan, f-m xln, micritic to granular, fair dev int xln. &amp; vug. porosity, no shows, no fluor, no odor, no staining.</li> <li>Ls, buff, it. gry-wh, f. xln, granular, sub-chalky, well dev. int. xln. &amp; vug. porosity, no shows, no fluor.</li> <li>B/ Heebner 3641 (-1560)</li> <li>Sh, blk, carbonaceous, shw. gas.</li> <li>Ls, buff, it. gry-wh, f. xln, granular, sub-roalky, fair dev. int. xln. &amp; sug. porosity, no show, no fluor.</li> <li>Ls, crm. wh, buff, m. xln, granular, to sucrosity, no show, no fluor, no odor, no staining.</li> <li>Ls, buff, it. gry-wh, f. xln, granular, sub-chalky, fair dev. int. xln. &amp; vug. porosity, no show, no fluor.</li> <li>B/ Heebner 3641 (-1560)</li> <li>Sh, blk, carbonaceous, shw. gas.</li> <li>Ls, no show, no fluor, no odor, no staining.</li></ul>	Replace Extractor TG. C1-C5 TG. inc. 7 units TG. inc. 7 units Wt 8.9 Vis. 50
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		<ul> <li>sparite, chalky in part, fair dev. int. foss &amp; vug. por., no shows, no fluor, no odor.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Sh, med. gry, brittle, laminated, fissle blades.</li> <li>Ls, orm. wh, buff, tan, f. xin. to micritic, v. dns, no vis porosity.</li> <li>Sh, med. to drk. gry, brittle fissle</li> <li>Ls, orm. wh, buff, tan, f. xin. to micritic, v. dns to chalky, p-f dev. int., xin. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Ls, orm. wh, buff, tan, f. xin. to micritic, v. dns to chalky, p-f dev. int., xin. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Sh, med. to drk. gry, brittle, fissle</li> <li>Ls, orm. wh, buff, tan, f. xin. to micritic, v. dns to chalky, p-f dev. int, xin. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Sh, drk. gry. to blk. carb.</li> <li>Ls, orm. wh, buff, tan, f. xin. to micritic, granular in part, v. dns to chalky, well dev. int, xin. porosity, no shows, chalky fluor, no odor, no staining.</li> <li>Ls, buff, tan, f-m xin, micritic to granular, fair dev. int xin. &amp; vug. porosity, no shows, no fluor, no odor, no staining.</li> <li>Ls, buff, tan, f-m xin, micritic to granular, fair dev. int xin. &amp; vug. porosity, no shows, no fluor, no odor, no staining.</li> <li>Ls, buff, it. gry-wh, f. xin, granular, sub-chalky, tair dev. int xin. &amp; vug. porosity, no shows, no fluor.</li> <li>B/ Heebner 3641 (-1560)</li> <li>Sh, lt. gry, brittle, fissle blades.</li> <li>Sh, it. to med. gry, fissle</li> <li>Ls, buff, an, f. xin, v. dns, foss.</li> <li>Sh, it. to med. gry, fissle</li> <li>Ls, porsity, no show, no fluor.</li> <li>Ls, porsity, no show, no fluor.</li> <li>Ls, porsity, no show, no fluor.</li> <li>Sh, it. gry, brittle, fissle blades.</li> <li>Sh, it. gry, brittle, fissle blades.</li> <li>Sh, it. to med. gry, fisse</li> <li>Ls, buff, tan, f. xin, v. dns, fosp. so vis. porosity, no show, no fluor.</li> <li>Ls, buff, tan, f. xin, v. dns, no gro.</li> <li>Ls, buff, tan, f. xin, v. dns, no gro.</li> <li>Ls, buf</li></ul>	Replace Provedor Replace Provedor Vis. 54 Vis. 54 V



Customer	Raydon	l, Kansas Ex o		Lease No. Date				6-13	
Lease	Imore	<u></u>		Well # 1	-27	and the second	Service Receipt		
Casing Depth				aunee	State	KS			
Job Type			Formation		Legal De	ecription	3-21-	14	
		Pipe [	Data		Perfo	rating Data		Cement Data	
Casing size 8 5/8 24#		Tubing Size		Shots/Ft					
		Depth		From	То		Lead 2 75 SXe 11.4pp 31-CC, 144 Polyflake, 21. WCAL		
Volume 76 bbC			Volume		From	То		A Con-RL	
Max Press			Max Press		From	То		Tail in1505xe H.8PPG	
Well Connec	tion		Annulus Vol.		From	То		2.1.CC, 14# Polyfake	
Plug Depth	1192	I	Packer Depth		From	То		Jemum Plus Cement	
	Casing	Tubing		-				Frank 123 Stenergt	
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	05:02:17 p.m.	01-21-2014	1 /1
		Cement Rep	oort
Lease No.	Date	1-13-13	
Well # 1-27	Service Receipt	<u> </u>	
County ElMore	State KS	<del>* *</del>	
Legal D	escription 23 -	21-19	

Lease	1x44CD	•		Well #	-27		Service Receipt			
Lease	Elmore	Depth		<u> </u>	, 					
				E E	Imore	State KS				
Јор Туре			Formation		Legal Des	scription 27 -	21-19			
		Pipe [			Perfor	ating Data	Cement Data			
Casing size(	65/82	y#	Tubing Size		Sh	iots/Ft	Lead/60.5x C 13.5P			
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Well Connection Plug Depth			Annulus Vol.		From	То				
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Casing Tubing Time Pressure Pressure Bbls. Pumbed Rate Si				Service	Log					
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Driver Name				babriel						

**Oustomer Representative** 

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Customer

ENERGY SERVICES Liberal, Kansas

Raydon

Exp

<u>)</u> Bennett Je my Station Manager

1001

Cementer Taylor Printing, Inc.

FIELD SERVICE ORDER NO.