KOLAR Document ID: 1657137

Confiden	tiality Requested:
Yes	No

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION Form ACO-1 January 2018 Form must be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM

WELL	HISTORY -	DESCRIPT	NFII &	IFASE
VVELL		DESCRIPT		LEASE

OPERATOR: License #	API No.:
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 #	
Name:	(e.g. xx.xxxx) (e.gxxx.xxxxx)
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:
Gas DH EOR	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? Yes No
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	
Well Name:	
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to EOR Conv. to SWD	
Plug Back Liner Conv. to GSW Conv. to Produ	
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	
Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Operator Name:
GSW Permit #:	License #:
	Quarter Sec TwpS. R [] East [] West
Spud Date or Date Reached TD Completion Date or Recompletion Date	County: Permit #:
	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 Drill Stem Tests Received				
Geologist Report / Mud Logs Received				
UIC Distribution				
ALT I II III Approved by: Date:				

KOLAR Document ID: 1657137

Operator Nam	ne:			Lease Name:	Well #:
Sec	Twp	S. R	East West	County:	

Page Two

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 Sh	acate)	Y	′es 🗌 No			og Formatio	n (Top), Depth a	and Datum	Sample
Samples Sent to Geolo			⁄es 🗌 No	1	Name	Э		Тор	Datum
Cores Taken Electric Log Run Geologist Report / Mud List All E. Logs Run:		□ Y □ Y	Yes ☐ No Yes ☐ No Yes ☐ No						
		Rep	CASING ort all strings set-c] Ne	w Used rmediate, productio	on. etc.		
Purpose of String	Size Hole Drilled	Siz	ze Casing et (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
[ADDITIONAL	CEMENTING /	SQU	EEZE RECORD			
Purpose:	Depth Top Bottom	Туре	pe of Cement # Sacks		d	Type and Percent Additives			
Protect Casing Plug Back TD Plug Off Zone									
 Did you perform a hydra Does the volume of the Was the hydraulic fracture 	total base fluid of the	hydraulic fr	acturing treatment		-	☐ Yes ns? ☐ Yes ☐ Yes	No (If No, s	kip questions 2 ar kip question 3) ill out Page Three	
Date of first Production/Inj Injection:	jection or Resumed Pr	oduction/	Producing Meth	iod:		Gas Lift 🗌 O	ther <i>(Explain)</i>		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er Bb	ls.	Gas-Oil Ratio	Gravity
DISPOSITIO	N OF GAS:		Ν	IETHOD OF COM	MPLE	TION:		PRODUCTIC Top	DN INTERVAL: Bottom
Vented Sold (If vented, Subn	Vented Sold Used on Lease Open Hole Perf.			-	·	nit ACO-4)	юр	Bollom	
	s Per Perforation Perforation Bridge Plug Bridge Plu ot Top Bottom Type Set At		Bridge Plug Set At		Acid,		ementing Squeezend of Material Used)		
TUBING RECORD:	Size:	Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	WENU 604
Doc ID	1657137

All Electric Logs Run

ANNULAR HOLE VOLUME LOG 5 CASING
ARRAY COMPENSATED TRUE RESISTIVITY LOG 1
ARRAY COMPENSATED TRUE RESISTIVITY LOG 2
ARRAY COMPENSATED TRUE RESISTIVITY LOG 5
BOREHOLE SONIC ARRAY LOG
DUAL SPACED NEUTRON SPECTRAL DENSITY LOG
MICROLOG
QUAD COMBO LOG

Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	WENU 604
Doc ID	1657137

Tops

Name	Тор	Datum
HEEBNER	4025	
LANSING	4127	
SWOPE	4539	
MARMATON	4710	
CHEROKEE	4871	
ΑΤΟΚΑ	5056	
MORROW	5209	
TOP WENU ZONE	5387	
CHESTER	5435	
ST GENEVIEVE	5503	•

Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
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Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	24	1780	Class A	680	SEE ATTACH ED
Production	7.875	5.5	17	5619	Class A	125	50 SX RH/SEE ATTACH ED



QUASAR ENERGY SERVICES, INC.

3288 FM 51 Gainesville, Texas 76240

Office: 940-612-3336

Fax: 940-612-3336 | qesi@qeserve.com

Form 185-2c

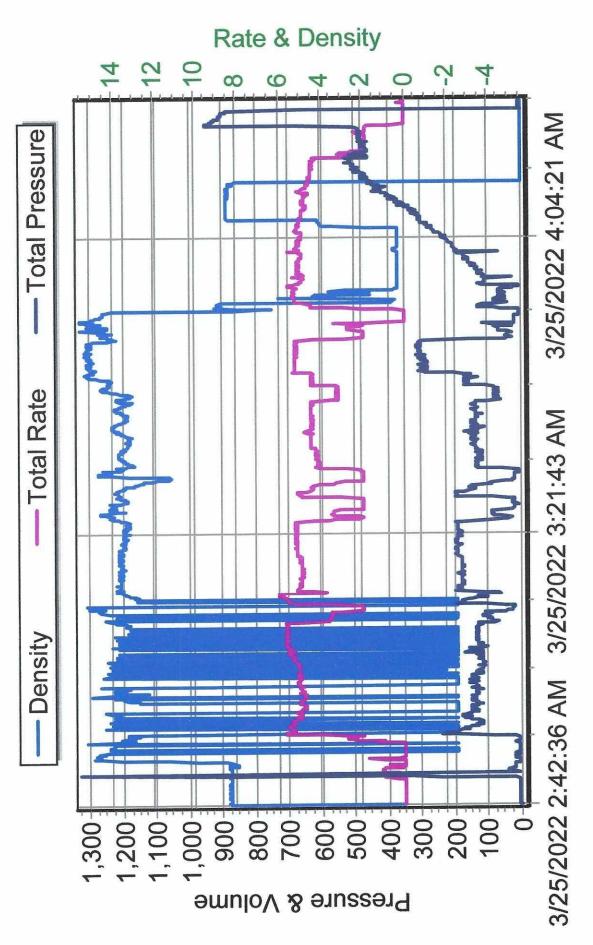
3/24/22 CEMENTING JOB LOG

CEMENTING JOB LOG

NG JOB L	OG									promotivities of the second		
Merit Energy Company Well Name: WENU 604												
Merit Energy Company Well Name: WENU 604 Cement- Surface AFE #: 64676												
						CASING	DATA					
8 5,	/8		G	irade:		J-55	Weight:			24		
						Bottom: 1780.56						
	Size:	1949		Wei	ght:		Р	acker:				
						1790	F	Perfs.:				
						CEMENT	DATA					
vpe:								dan nya manana manana sa	00.301.000.20-010	Are 201 - 2		
Spacer Type: Amt. Sks Yield			0 ft ³ /.						Den	sity (PPG)		
Class			0/ChA			and the second se	1/4# Collofia					
								ike				
515							and the second		Den		12.14	
165	Sks \	Yield	1	96.35		ft °/ _{sk}	1.19		Den	sity (PPG)	15.69	
:												
515	gals	s/sk:	1	.4	Tail:	165	gals/sk:	5.2	Total	(bbls):	192.1	
is Used: 218, DP03												
								29, 660-23				
ype:	Wate	r (Sup	plied)	1	Amt.	(Bbls.)	113.1				3.33	
REPRESI	ENTAT	IVE:			Roc	Iney	CE	MENTER: D	aniel Be	eck		
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Casi	ng	lub	ing	ANN	ULUS	TOTAL	RATE					
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310						34.9slurry	5.2	the second s				
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								DISPLACE /	CEMEN	T TO SURFA	CE	
220												
300												
380						50						
400				1		60	5.6					
480						70	5.6					
550				80		80	5.6				(- 107	
580	580				90		5.2					
620						100	5.0	SLOW RATE	OW RATE TO 2.0BPM @ 600PSI			
620						110.7	1.9	LAND PLUG	/ PRESS	SURE UP TO	1100PSI	
								RELEASE BA	CK F	LOAT HELD		
								JOB COMPL	ETE		the state of the s	
	-											
Merit F	Merit Energy Company V							WENU 604				
Interne Li	10.01						and the second se			and the second se	and the second se	
	Merit E Cement 8 5, hs fype: Class / 515 Used: bent: Used: fype: REPRES 2 250 310 220 310 220 310 310 220 300 380 400 480 550 580 620 620 620	Merit Energy Cement- Surfa 8 5/8 ths Top: Size: Size: Size: Size: Size: Size: fype: Sks Class A: 2%G Sks Class A: 2%G Sks Class A: 2%G Sks S15 gals Used: Dent: ype: Wate YREPRESENTAT PR Casing Sin 250 310 310 Sin 3200 380 400 480 550 S80 620 Gan 620 Sin	Merit Energy Compare Cement- Surface 8 5/8 ihs Top: Size: Size: Size: 12 Size: 24 Size: 12 Size: 24 Merit: 250 Size: 220 Si	Merit Energy Company Cement- Surface 8 5/8 G size: Size: Size: 12 1/4 Marcinet 12 1/4 Size: 12 1/4	Merit Energy Company Cement- Surface 8 5/8 Grade: 8 5/8 Grade: Nop: Bott Size: 12 1/4 Size: 12 1/4 Top: Secondary Sks Yield 1230.85 Class A: 2% Gyp., 2%SMS., 3 C S15 Sks Yield 165 Sks Yield 196.35 : Size: S15 gals/sk: 14 Used: used: Interpretention Ype: Water (Supplied) Y REPRESENTATIVE: Interpretention Casing Tubing ANN Interpretention Interpretention 250 Interpretention Interpretention 310 Interpretention Interpretention 150 Interpretentin Interpretention <t< td=""><td>Merit Energy Company Cement- Surface 8 5/8 Grade: 8 5/8 Grade: Ns Top: Bottom: Size: 12 1/4 T.D. (ft): Size: 12 1/4 T.D. (ft): Size: 12 1/4 T.D. (ft): Ype: Sks Yield 1230.85 Class A: 2%Gyp., 2%SMS., 3 Calcium Choid 515 Sks Yield 196.35 Class A: 2% Calcium Chlorid 165 Sks Yield 196.35 I Stis Salas/sk: 14 Tail: Used: </td><td>Merit Energy Company CASING CASING 8 5/8 Grade: J-55 ths Top: Bottom: 1780.56 Size: Weight: Size: Weight: Size: 12 J/4 T.D. (ft): 1790 CEMENT Type: Class A: 2% Gyp., 2%SMS., 3 Calcium Chloride, 1 Class A: 2% Gyp., 2%SMS., 3 Calcium Chloride, 1/4# Cell 165 Sks Yield 196.35 ft ³/_{sk} Class A: 2% Calcium Chloride, 1/4# Cell 165 Sks Yield 196.35 ft ³/_{sk} St5 gals/sk: 14 Tail: 165 Used: </td><td>Merit Energy Company Well Name: Cement- Surface AFE #: CASING DATA 8 5/8 Grade: J-55 Weight: P Size: Weight: P Size: P Size: 1780.56 P Size: 12 1/4 T.D. (ft): 1790 F CEMENT DATA Ype: Size: 12 1/4 T.D. (ft): 1790 F Size: 12 1/4 T.D. (ft): 1790 F CEMENT DATA Ype: Sks Yield 0 ft $^3/_{sk}$ 2.39 Class A: 2%Gyp., 2%SMS., 3 Calcium Chloride, 1/4# Celloflake 165 Sks Yield 190.5 ft $^3/_{sk}$ 1.19 S15 gals/sk: 14 Tail: 165 gals/sk: Used: 228, 660-20 / 2 Ype: Water (Supplied) Amt. (Bbls.) 113.1 RePRESENTATIVE: Rodney CE 250 219-2slurry 5.6</td><td>Merit Energy Company Well Name: WENU 604 Cement-Surface AFE #: 64676 CASING DATA 8 5/8 Grade: J-55 Weight: ihs Top: Bottom: 1780.56 </td><td>Merit Energy Company Well Name: WENU 604 Cement-Surface AFE #: 64676 CASING DATA 8 5/8 Grade: J-55 Weight: </td><td>Merit Energy Company Well Name: WENU 604 Cement-Surface AFE #: 64676 CASING DATA 85/8 Grade: J-55 Weight: 24 hs Top: Bottom: 1780.56 24 hs Top: Bottom: 1780.56 24 hs Top: Bottom: 1780.56 Size: 12 1/4 T.D. [ft]: 1790 Perfs.: Class A: 286 Opp., 286SMS., 3 Calcium Chloride, 1/4# Celloflake Excess Excess 515 Sks Yield 196.35 ft ³/_{sk} 2.39 Density (PPG) Class A: 278 Calcium Chloride, 1/4# Celloflake Excess 218, DP03 class A: 278 Calcium Chloride, 1/4# Celloflake Excess 218, DP03 cent: 228, 660-20 / 229, 660-23 ype: Water (Supplied) Amt. (8bis.) 113.1 Weight (PPG): & leent: 228, 660-23 NUPUS</td></t<>	Merit Energy Company Cement- Surface 8 5/8 Grade: 8 5/8 Grade: Ns Top: Bottom: Size: 12 1/4 T.D. (ft): Size: 12 1/4 T.D. (ft): Size: 12 1/4 T.D. (ft): Ype: Sks Yield 1230.85 Class A: 2%Gyp., 2%SMS., 3 Calcium Choid 515 Sks Yield 196.35 Class A: 2% Calcium Chlorid 165 Sks Yield 196.35 I Stis Salas/sk: 14 Tail: Used:	Merit Energy Company CASING CASING 8 5/8 Grade: J-55 ths Top: Bottom: 1780.56 Size: Weight: Size: Weight: Size: 12 J/4 T.D. (ft): 1790 CEMENT Type: Class A: 2% Gyp., 2%SMS., 3 Calcium Chloride, 1 Class A: 2% Gyp., 2%SMS., 3 Calcium Chloride, 1/4# Cell 165 Sks Yield 196.35 ft ³ / _{sk} Class A: 2% Calcium Chloride, 1/4# Cell 165 Sks Yield 196.35 ft ³ / _{sk} St5 gals/sk: 14 Tail: 165 Used:	Merit Energy Company Well Name: Cement- Surface AFE #: CASING DATA 8 5/8 Grade: J-55 Weight: P Size: Weight: P Size: P Size: 1780.56 P Size: 12 1/4 T.D. (ft): 1790 F CEMENT DATA Ype: Size: 12 1/4 T.D. (ft): 1790 F Size: 12 1/4 T.D. (ft): 1790 F CEMENT DATA Ype: Sks Yield 0 ft $^3/_{sk}$ 2.39 Class A: 2%Gyp., 2%SMS., 3 Calcium Chloride, 1/4# Celloflake 165 Sks Yield 190.5 ft $^3/_{sk}$ 1.19 S15 gals/sk: 14 Tail: 165 gals/sk: Used: 228, 660-20 / 2 Ype: Water (Supplied) Amt. 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CEMENTING JOB LOG - Page: 1

Merit Energy Company WENU 604





QUASAR ENERGY SERVICES, INC.

Office: 940-612-3336

Fax: 940-612-3336 | qesi@qeserve.com

3288 FM 51 Gainesville, Texas 76240 Form 185-2c

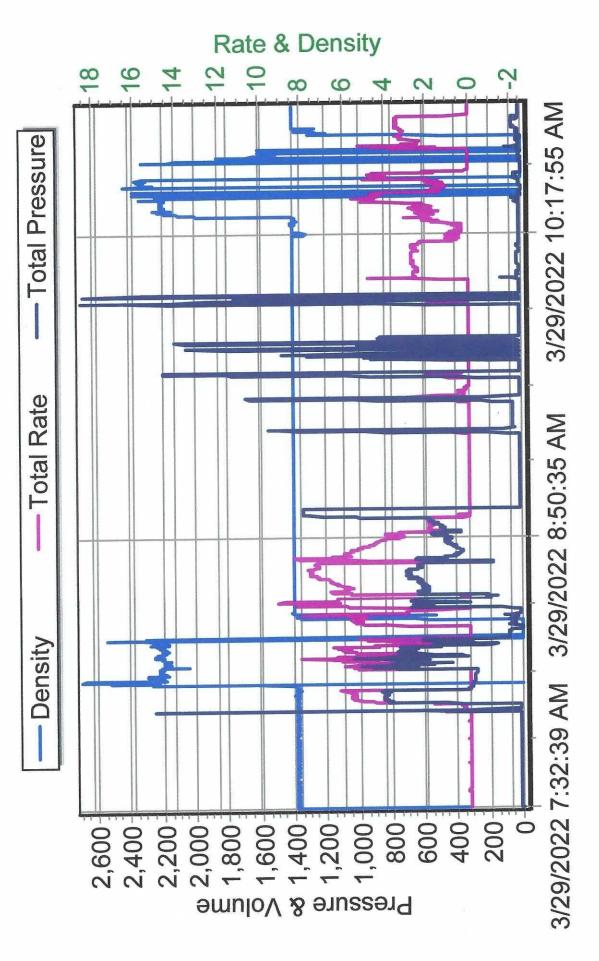
3/28/22 CEMENTING JOB LOG

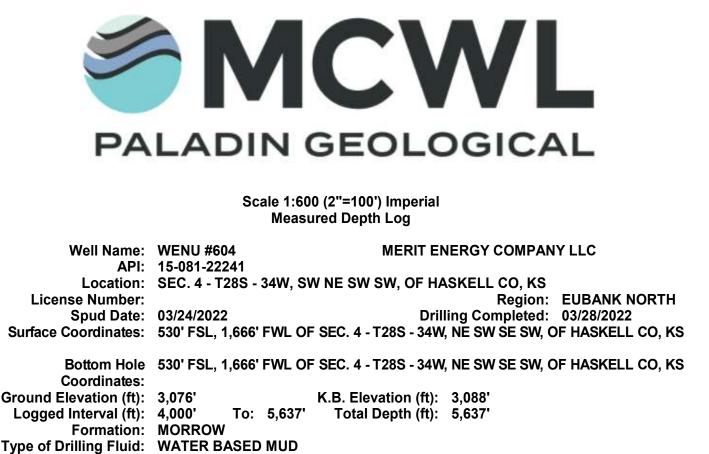
CEMENTING JOB LOG

and the second se	ING JOB L	and the state of t	Correct	2014			W	I Name:	WEMU #604		and a second	
Company:	Merit E Cement						V	AFE #:				
Type Job:	Cement	- Prou	uction	1	generation of the second	ever of the state of	CASING I		04070			
Size:	51	12		G	rade:		CASING	Weight:	and the second	17		
Casing De							5619'			a second de la company de la company de la company		
	5015	Size:		1	Wei		3013	Pa	cker:	and the state of the		
Drill Pipe: Size: Open Hole: Size: 77/8					T.D.				TOOL:	4771.99		
open noie	•	5120.		10		(,.	CEMENT	DATA				
Snacos	Type					-			S Flush, 5H2O			
Spacer Type: Amt. Sks Yield								Density (PPG)				
Amt.	Class C: FO			 + E0//				Seal, 1/4# Cel				
		1				/0 C-1.	c+ ³ /		Density (PPG) 13.82			
Amt.	125	SKS Y						Excess				
Stage 2:	in a management	r	NAT & MOOSE					13.82				
Amt.	50	Sks \	/ield		76.5		ft ³ / _{sk}	1.53		ensity (PPG)	15.02	
WATE		T							C 05		29.0	
Lead:	125	gals	/sk:	6.	95	Tail:	50	gals/sk:	and the second	tal (bbls):	29.0	
Pump Truc			listen internet				8	04, DP0	and the second			
	ulk Equipment:							227, 660-				
Disp. Fluid	isp. Fluid Type: Water (Supplied						and the second		Weight (PPG): 8.33, 9.3			
COMPA	NY REPRES	ENTAT	IVE:			Roc	ney	CE	MENTER: Danie	Beck		
TIME	T	DR	ESSIII	RES PS	1			IPED DATA				
AM/PM	Casi			bing		ULUS	TOTAL	RATE	REMARKS			
7:15	Casi		101	Jing			101/12		ON LOCATION & SAFETY MEETING			
8:05									RIG TO CIRCULATE			
8:58									RIG TO PT			
8:58									PRESSURE TEST TO 2000PSI			
9:02	840			-			22	5.7	and the second	MP 22BBL SPACER		
9:11	600						34.0slurry	6.4	PUMP 125SX Sta	P 125SX Stage 1 @ 13.8#		
9:20									SHUTDOWN / DROP PLUG / WP			
9:29	650						50	7.0	DISPLACE W/ 18	.6BBL WATER,	, 110.7MUD	
5.25	700				1		60	8.0				
		700				70		6.8				
		500				80		6.0				
	500						90	5.6				
	550				1	100		5.4			1	
	500	500				110		4.6				
9:52	650						118	3.8	SLOW RATE TO			
9:56	650						129.3	2.0		PLUG / PRESSURE UP TO 1550PSI		
9:58										ELEASE BACK PLUG HELD		
10:03									DROP OPENING	dente data and a statement of the statem		
10:15									PUMP OPENING	and the second		
10:40									SURGE @ 2000PSI 8	the second s		
11:00									PLUG RAT & MC	USE W/ 50SX	@ 13.8#	
									JOB COMPLETE			
Company	: Merit I	Merit Energy Company						Well Name:	WEMU #604		and an exception of the second	
Type Job:		Cement- Production							64676	in limite		
Date:		2022			G JOB	LOG			QUASAR ENERGY SERVI	CES, INC. 185-2		

CEMENTING JOB LOG - Page: 1

Merit Energy Company WENU 604





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OPERATOR

Company: MERIT ENERGY COMPANY LLC Address: 13727 Noel Road, Suite 1200, Dallas, Texas, 75240

GEOLOGIST

Name: KRYSTIN ROBINSON Company: MERIT ENERGY COMPANY LLC Address: 13727 Noel Road, Suite 1200, Dallas, Texas, 75240

Cores

DSTs

Comments

MERIT ENERGY COMPANY LLC 13727 Noel Road, Suite 1200, Dallas, Texas, 75240

WELLSITE MANAGERS: RODNEY GONZALES

DUKE DRILLING RIG #9

LUKE WEISSLER - ENGINEER

MID CONTINENT WELL LOGGING SERVICE, INC.: NORMAN, OK LOGGING UNIT: JEB MCWL GAS BOX: 702

MUD LOGGER: NICK WIER

CALL OUT DATE: 03/26/2022 BEGAN LOGGING: 03/27/2022 @ 4,000' MD DRILLING COMPLETED: 03/28/2022 @ 5,637' MD

