KOLAR Document ID: 1636160

Confident	tiality Re	equested:
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 -	·D	ESCRIPTION	N OF V	VELL a	& L	EASE

OPERATOR: License #	API No.:
Name:	Spot Description:
Address 1:	
Address 2:	Feet from North / 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.xxxxx) (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:
	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 EOR Conv. to SWD	Drilling Fluid Management Plan
Plug Back Liner Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
Dual Completion Permit #:	
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Operator Name:
GSW Permit #:	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
Spud Date or Date Reached TD Completion Date or 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 Drill Stem Tests Received						
Geologist Report / Mud Logs Received						
UIC Distribution						
ALT I II III Approved by: Date:						

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Operator Name:	Lease Name: Well #:	_
Sec TwpS. 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
			⁄es 🗌 No	1	Name	Э		Тор	Datum
Samples Sent to Geological Survey Cores Taken Electric Log Run Geologist Report / Mud Logs 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	e of Cement	# Sacks Use	Used 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:		METHOD OF			TION:		PRODUCTIC Top	DN INTERVAL: Bottom
Vented Sold (If vented, Subn	Used on Lease		Open Hole Perf.		Dually Comp. Commingled (Submit ACO-5) (Submit ACO-4)		Bollom		
	foration Perform Top Botto		Bridge Plug Type	Bridge Plug Set At				not, Cementing Squeeze Record and Kind of Material Used)	
TUBING RECORD:	Size:	Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	Griffin, Charles N.
Well Name	MARLA #1
Doc ID	1636160

Tops

Name	Тор	Datum
Heebner	3909	-1902
Brown Lime	4080	-2073
Lansing	4101	-2094
Stark	4403	-2396
B/KC	4486	-2479
Pawnee	4553	-2546
Cherokee	4590	-2583
Viola	4643	-2636
Simpson Shale	4792	-2785

Form	ACO1 - Well Completion
Operator	Griffin, Charles N.
Well Name	MARLA #1
Doc ID	1636160

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	23	264	Common	3% CC 2% Gel
Production	7.875	5.5	15.5	4870	Pro C	10% Salt, 2% Gel, 5# Koseal



Scale 1:240 (5"=100') Imperial **Measured Depth Log**

License Number: 33936 Spud Date: 11/29/2021 Surface Coordinates: 2557' FSL, 40' FEL Bottom Hole Vertical Wellbore

Well Name: Marla #1

Ground Elevation (ft): 2002' Logged Interval (ft): 3800'

API: 15-007-24397 Location: T30S R15W Sec 5, NE NE NE SE Region: Barber Co. Drilling Completed: 12/5/2021 37.461638, -98.971848 Coordinates: Surveys .75 Degree @ 4900' K.B. Elevation (ft): 2007' To: 4880' Total Depth (ft): 4880' Formation: Ordovician (Simpson Shale) @ RTD Type of Drilling Fluid: Mud-Co. Chemical Drispac. Displaced Mud @ 2859'-2906' Printed by MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Griffin Management, LLC Address: 126 S. Main Pratt, KS 67124-0347

GEOLOGIST

Name: Eli J. Felts Company: Griffin Management, LLC Address: efelts@griffinmgmt.com 316.765.4070

Drilling Report

Murfin Drilling, Rig #104 **Tool Pusher: James Mayfield** Cell # 785-269-7684

11/29/21 Spud @ 8:30 PM

11/30/21 WOC @ 264'

12/1/21 Drilling @ 1968'

12/2/21 Drilling @ 3000'

12/3/21 Drilling @ 3840'

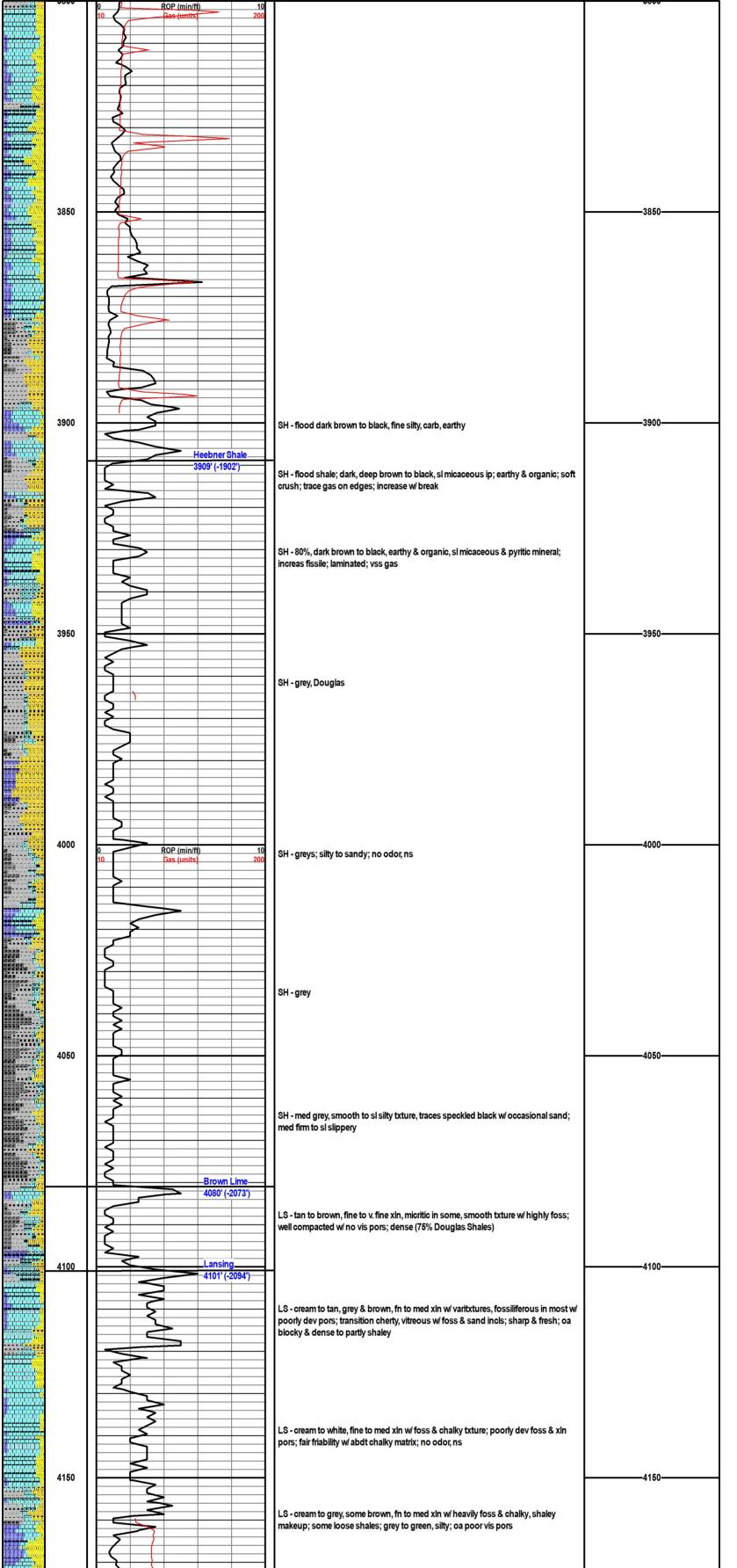
12/4/21 Drilling @ 4430'

12/5/21 CFS @ 4830' RTD @ 12:30 PM Drilled 50' More after Short Trip MW Wireline Logged Well 3:45 PM to 6:15 PM LDDP

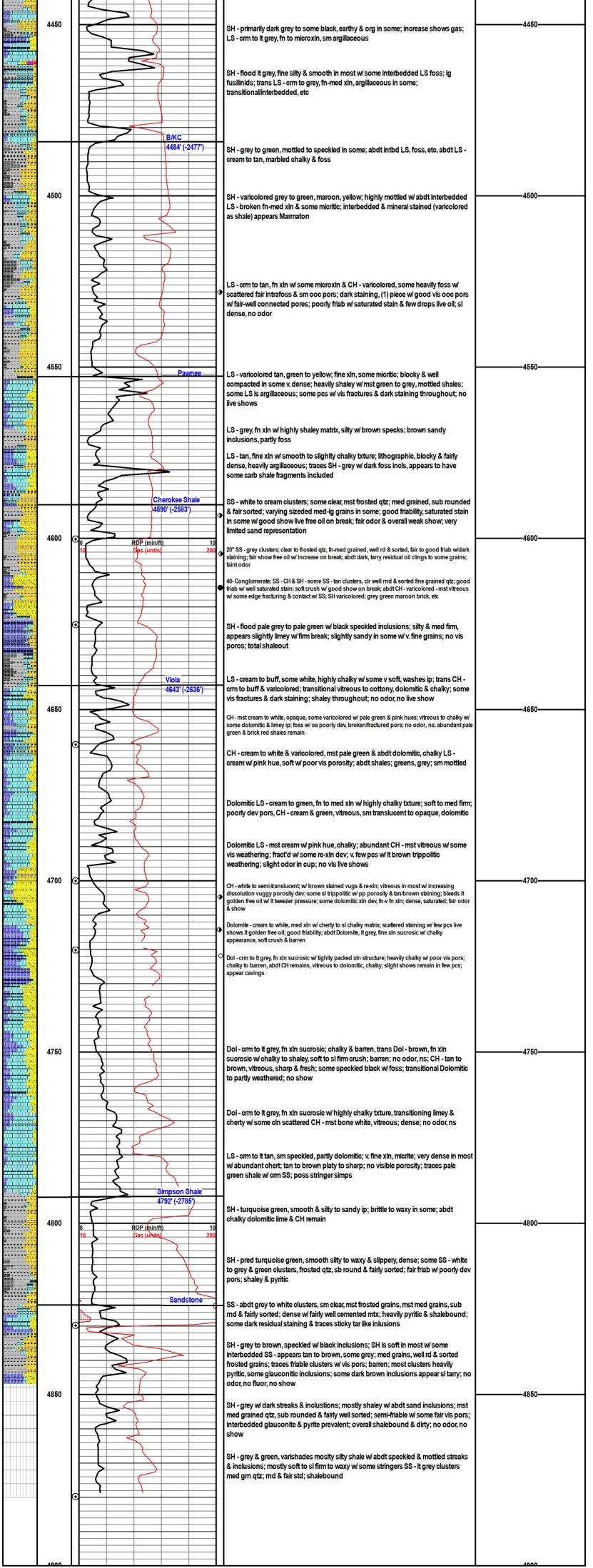
12/6/21 Run Casing Release Rig @ 12:45 PM

12/6/21

					Problems		
	lo Bit Tr lo DSTs						J
		et @ 264' # set @ 487	'0' PBTD @ 4	4770'	Pipe Setting		
		Brec	<u>, , , , , , , , , , , , , , , , , , , </u>	Dol-cream Dol Dol Gyp Igne	ROCK TYPES	Salt Shale 2 Shale gry Shale 1 Shale 1 Shcol Shgy	 Ss
thology	QW	Ra ROP (min/r Gas (units)	-	on 	Geologia	cal Descriptions	DSTs/Mud/Surveys, etc



		LS - crm to white, sm It grey, fn to med xIn w/ abdt semi-translucent xIn dev; some fair vis xIn porosity, barren to sI dnse; some dark brown to grey interbedded shales	
		LS - cream to tan, brown, fn, med & some v. fine xin micrite; smooth in some w/ partly foss incl; dense & well compacted, sharp brittle break; some w/ granir to foss txt, med xin & chalky soft; no odor ns	
4200	0 ROR (min/ft) 10 10 Gas (units) 200	LS mst cream/white w/ It grey foss; heavily foss w/ grey oolites & fossil frags; chalky	4200
	3	matrix, soft & poorly compacted in most w/ some interbedded grey shales; barren no odor, ns LS - cream to It grey, fine to med xIn w/ abdt CH inclusions/stringers; mst LS has	
		granular to dolomitic txture w/ some vis sand, foss w/ poorly cemented mtx; most soft; CH is varicolored crm to grey & vitreous, partly foss w/ sandy incls; v. dense; no shows	
	E E		
		CH & LS - increasing CH from above; It grey to cream marbled & interbedded; vitreous, foss, fresh CH is v. dense w/ sharp edges; fn-med xIn LS, varicolored cream/grey whit, fn-med xIn, foss to chalky; moderatley compacted, loose but oa	
	55	dense	
4250			4250
	$\mathbf{\mathcal{A}}$		
	2	LS -mst cream, some grey, most fn xIn w/ abt foss & some dissolution porosity, poorly friable (dense) barren, sI decreasing CH - wht to It grey, vitreous, sharp w/ sm	
		foss incls	
4300			
4500	\wedge	LS - crm to it tan, fn to med xin w/ smooth to partly foss txture, dolomitic w/ oa poorly dev vis pors; dense in most no odor, ns *abdt red bed cavings flood sample	
		LS - crm to brown, fine to microxin; some CH - greys & tan, vitreous; sharp & fresh; flood SH - grey to dark, silty w/ some vis laminations & streaks dark incls; appears	
		carbonaceous, sm foss	
		LS - crm to it tan, sm it tan micrite; oa fine to med xin, smooth to partly foss txture; sm intbd shales w/ abdt loose grey/brown shales; no odor, no shows	
4350		LS - cream to buff, sm tan to brown, mostly fine xin w/ smooth to si xin porosity;	
		dense oa w/ some dark brown staining, appears residual, additional vis gils stained fractures; trans shaley; grey	
	\leq		
		SH - grey w/ dark streaks, some carbonaceous; flood chalk - soft white to It cream,	
		LS- cream to it tan/grey, fn to v. fn xin; smooth & platy, dense & few traces SH - grey	
4400	0 RÓP (min/ft) 10 Gael (units) Stark Shale 200	to dark grey, black; silty to blocky, few carbonaceous	
	4404' (-2397')		
		LS - crm to grey, fn to med xin, mst smooth/platy w/ edge shale contacts (dark - carb) poorly dev vis pors; traces black carb shale; bleeds gas; no shows in LS	
	$\left\{ \begin{array}{c} \\ \\ \end{array} \right\}$	LS - cream to it tan, mst fn w/ some med xin; smooth w/ transitional med xin chalky;	
		oa uniform, lithographic; flood SH - dark grey, earthy & organic, carbonaceous w/ slight show gas	
4450		SH - primarily dark grey to some black, earthy & org in some; increase shows gas; LS - crm to It grey, fn to microxIn, sm argillaceous	4450
		SH - flood It grey, fine silty & smooth in most w/ some interbedded LS foss; Ig fusilinids; trans LS - crm to grey, fn-med xIn, argillaceous in some; transitional/interbedded, etc	
	B/KC 4484' (-2477')	SH - grey to green, mottled to speckled in some; abdt intbd LS, foss, etc, abdt LS - cream to tan, marbled chalky & foss	
		South to with manufed officing the 1033	
4500		SH - varicolored grey to green, maroon, yellow; highly mottled w/ abdt interbedded LS - broken fn-med xIn & some micritic; interbedded & mineral stained (varicolored as shale) appears Marmaton	4500
		LS - crm to tan, fn xln w/ some microxln & CH - varicolored, some heavily foss w/ scattered fair intrafoss & sm ooc pors; dark staining, (1) piece w/ good vis ooc pors w/ fair-well connected pores; poorly friab w/ saturated stain & few drops live oil; sl	



QUALITY WELL SERVICE, INC. Federal Tax I.D. # 481187368

Home Office 30060 N. Hwy 281, Pratt, KS 67124

Mailing Address P.O. Box 468

Office 620-727-3410 Fax 620-672-3663

Rich's Cell 620-727-3409 Brady's Cell 620-727-6964

Sec		Range	County	State	On Location	Finish		
Date //- 30-21 5	305 /	ISW	BARDER	KI				
Lease Mazia	Well No. VI	104	Location					
Contractor MURFUL D	Owner							
Type Job Suctace	— You are here	To Quality Well Service, Inc. You are hereby requested to rent cementing equipment and furnish						
Hole Size 12/4 T.D. 264			cementer an	cementer and helper to assist owner or contractor to do work as listed.				
Csg. 85/3 Depth 263			To	To Ga, fra				
bg. Size Depth			Street	Street				
ool Depth			City	City State				
Cement Left in Csg.	Shoe Joint	25	The above wa	The above was done to satisfaction and supervision of owner agent or cont				
Meas Line	Displace	15-2 B	Cement Amo	Cement Amount Ordered 450 5 (Smmo)s				
EQU	21 (EL	31/06 1/2 #	PS USED 30	2050				
Pumptrk & No.			Common 🗧	300 50				
BUIKTR /								
Bulktrk No.			Gel. 5	64 #				
Pickup No.			Calcium	3464				
JOB SERVICES & REMARKS			Hulls			-		
Rat Hole			Salt					
Mouse Hole	Flowseal							
Centralizers	Kol-Seal							
Baskets	Mud CLR 48							
D/V or Port Collar			CFL-117 or (CD110 CAF 38				
Kn 6 Hi 95/823	3 / Sand							
STATE CSG CSG ON	Handling	323						
Hook up to CSG !!	G Mileage 25	5/ 3075	Ę.					
STHER POMOLULE H		FLOAT EQUIPN	IENT					
STATE MIXI Pom	Guide Shoe							
21/ (EL 31/ (L 1/2)	Centralizer							
5742 VISA	Baskets							
Close Volut on (36	AFU Inserts			2				
0000 Gra +1122	Float Shoe							
CITI CUT TO	DIT		Latch Down					
141			SERVICE	SUN 1 E	5/4-			
	Asa. 13	-9		25				
	2.70			ge Suzface				
THILL YOU			Mileage 5					
	VAIN				Tax	1		
TUDO MILLE R					Discount			
x Signature			Total Charge					

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Rich's Cell 620-727-3409 Brady's Cell 620-727-6964

	Sec.	Twp.	Range	County	State	On Location	Finish		
Date 12-6-21	5	302	15W	BARDEL	K				
Lease MACIA	W	ell No.		Location					
Contractor Muritin DelG. R.G. 4 104				Owner					
Type Job 5/2 1.5				To Quality We You are here	To Quality Well Service, Inc. You are hereby requested to rent cementing equipment and furnish				
Hole Size 77/8 T.D. 4979			cementer and	cementer and helper to assist owner or contractor to do work as listed.					
Csg. 512	512 Depth 4874			Charge To					
Tbg. Size		Depth		Street	Street				
	Depth			City	City State				
Cement Left in Csg.		Shoe Jo	int 2115		The above was done to satisfaction and supervision of owner agent or contractor.				
Meas Line		Displace	115 50) Cement Amo	unt Ordered /79	551 POL 2/18	613% SALF		
	EQUIPM	IENT		5"/52 Kals	5"/52 KalsCAL. 6% CIBA 25% C41P 25% PS				
Pumptrk S No.				Common /	75 5x				
BUIKITK / ~	Bulktrk / O No.				Poz. Mix				
BUIKTIK	rk No.				Gel. 329 #				
Pickup No.				Calcium		1			
JOB SE	RVICES	& REMA	RKS	Hulis					
Rat Hole 30 5<				Salt 96	4+				
Mouse Hole				Flowseal	Flowseal 44+				
Centralizers /-2-3-4-5-6-7				Kol-Seal 9	75 **				
Baskets				Mud CLR 48	500 Gal				
D/V or Port Collar				CFL-117 or C	CFL-117 or CD110 CAP-38- CIGA 99 H				
Ron14 + 3 51/2 "CSG SET 0 4874				4 Sand CL-	Sand CC-19 GAL CAIP 41#				
STAT CSG CSGON BOTTOM ! TIG				Handling	17		Í		
Hook in to CSG	1		sice where	Mileage 2	515425				
DROP BOLL CICL WILZIG				5/2	FLOAT EQUIPN	IENT			
STAG POMDING 10 136/15 HZ 124/1 MF 131866 HZ				Guide Shoe	H'M IBA	-			
PIDG EH 30 S				Centralizer	7 EA				
STAZE Min 13mg 1458 4 CSG & 148				Baskets	4				
SUT DOWN WAY , oth Release Sty LD Plux					AFU Inserts				
START DISD WIZ'L KCL				Float Shoe	1 EA				
LIFT PS, 99 OUF 600 P				Latch Down	/ EA				
Plat. Drw. 115.52 out 1200"				SELVICE		À			
PSUR CVG MODT				LAN Z	1				
BELEASET HELP 3/4 361 BACK				Pumptrk Char	and the second				
QUOD CIRC THIS JOS				and the second se	50				
	20					Tax			
PEASE (2)	IACA	in-	TOOD M.K	SXS		Discount			
X Signature	1T					Total Charge			
170	1/1					-	Taylor Printing, Inc.		