### KOLAR Document ID: 1537587

Confiden	tiality Requested	1:
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

		DECODIDEIO		
WELL	HISTORY	- DESCRIPTIO	N OF WELL	& LEASE

OPERATOR: License #	API No.:
Name:	Spot Description:
Address 1:	Sec TwpS. R East 🗌 West
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 #	
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
	Workover Field Name:
	Producing Formation:
	Elevation: Ground: Kelly Bushing:
	Total Vertical Depth: Plug Back Total Depth:
	Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane)	
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	
Well Name:	
Original Comp. Date: Original Total D	
	Conv. to SWD Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Plug Back Liner Conv. to GSW	
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls
Dual Completion     Permit #:	Dewatering method used:
	Location of fluid disposal if hauled offsite:
EOR Permit #:	Oneveter Neme
GSW Permit #:	
•	Quarter Sec TwpS. R East West
Recompletion Date Rec	completion 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:					

#### KOLAR Document ID: 1537587

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.

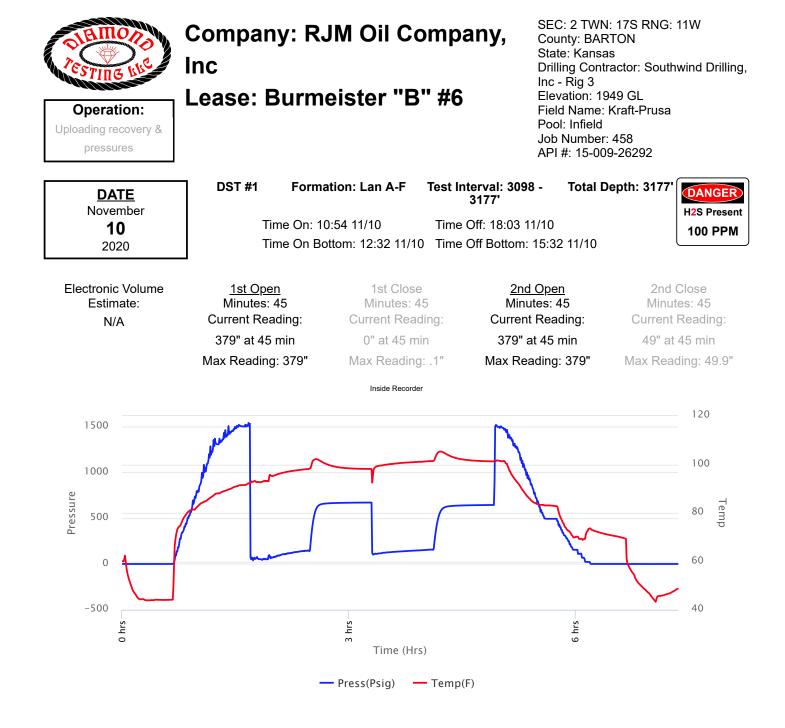
Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken (Attach Additional Sheets)		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	e of Cement	# Sacks Use	d		Type and	Percent Additives	
Protect Casing Plug Back TD Plug Off Zone									
<ol> <li>Did you perform a hydra</li> <li>Does the volume of the</li> <li>Was the hydraulic fracture</li> </ol>	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 Water Bbls. Gas-Oil Ratio			Gravity			
DISPOSITIO	N OF GAS:		METHOD OF (		COMPLETION:			PRODUCTION INTERVAL: Top Bottom	
Vented Sold (If vented, Subn	Used on Lease		Open Hole		-	·	nit ACO-4)	Тор	Bollom
	foration Perform Top Botto		Bridge Plug Type	Bridge Plug Acid, Fracture, Shot, Cementing Type Set At <i>(Amount and Kind of Mate</i>					
TUBING RECORD:	Size:	Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	RJM Company
Well Name	BURMEISTER B 6
Doc ID	1537587

### 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	20	430	Common	200	60/40 4% cc 2% gel
Production	7.875	5.5	15.5	3403	Common	180	10% salt 5% gilsonite



Company: RJM Oil Company, Inc Inc Lease: Burmeister "B" #6SEC: 2 TWN: 17S RNG: 11W County: BARTON State: Kansas Drilling Contractor: Southwind Drilling, Inc - Rig 3 Elevation: 1949 GL Field Name: Kraft-Prusa Pool: Infield Job Number: 458 API #: 15-009-26292							
DATE		DST #1 For	mation: Lan A-F	Test Interv 31		Total Depth	: 3177' DANGER H2S Present
Novemb	ber						
10			10:54 11/10		18:03 11/10		100 PPM
2020		Time On	Bottom: 12:32 11/	10 Time Off	Bottom: 15:32	2 11/10	
Boog	overed						
Foot	BBLS	Description	of Fluid	Gas %	Oil %	Water %	Mud %
2724	38.76252	· · · ·		<u>0as //</u> 100	0	<u>vvater 70</u> 0	0
159	2.26257	G M		0	0	0	100
63	0.89649	GC		25	0	0	75
126	1.79298	SLWCF		23 50	3	7	40
-			IMCO	50	-		
Total Recove Total Barrels			Reversed Out NO		Recover	y at a glance	9
Initial Hydros	static Pressu	re 1499	PSI	25			
,	Initial Flo		PSI	BBL			
Initial Close	d in Pressu	re 670	PSI				
Final I	Flow Pressu	re 102 to 163	PSI				
Final Close	d in Pressu	re 643	PSI	0		Paca	
Final Hydrost	tatic Pressur	re 1496	PSI			Keco	overy
,	Temperatu		°F		Gas 91.24%	• Oil • • • • • • • • • • • • • • • • • • •	Water Mud 0.29% 8.35%
	Change Init e / Final Clo		%	GIP cubic foot	volume: 223.	92385	

AMO	
×	
TING	

Inc

# Company: RJM Oil Company,

# Lease: Burmeister "B" #6

SEC: 2 TWN: 17S RNG: 11W County: BARTON State: Kansas Drilling Contractor: Southwind Drilling, Inc - Rig 3 Elevation: 1949 GL Field Name: Kraft-Prusa Pool: Infield Job Number: 458 API #: 15-009-26292

Operation:	
Uploading recovery	&
pressures	

**DST #1** Formation: Lan A-F

Test Interval: 3098 -3177'

Total Depth: 3177' H2S Present

DANGER

100 PPM

DATE November 10 2020

#### **BUCKET MEASUREMENT:**

1st Open: 1" Blow. BOB in 35 secs 1st Close: Weak Blow Back 2nd Open: BOB Instantly 2nd Close: Bottom Bucket Blow Back

#### **REMARKS:**

Tool Sample blown out.

Took two 10 minute breaks do to h2s

Ph: 7

Measured RW: .9 @ 46 degrees °F

RW at Formation Temp: 0.421 @ 106 °F

Chlorides: 68,000 ppm

Max H2S Reading: 100 ppm

Time On: 10:54 11/10

Time Off: 18:03 11/10

Time On Bottom: 12:32 11/10 Time Off Bottom: 15:32 11/10



**Operation:** 

Uploading recovery &

pressures

Inc

# Company: RJM Oil Company,

# Lease: Burmeister "B" #6

SEC: 2 TWN: 17S RNG: 11W County: BARTON State: Kansas Drilling Contractor: Southwind Drilling, Inc - Rig 3 Elevation: 1949 GL Field Name: Kraft-Prusa Pool: Infield Job Number: 458 API #: 15-009-26292 DANGER

H2S Present

100 PPM

<u>DATE</u> November 10 2020

**DST #1** Formation: Lan A-F Test Interval: 3098 -Total Depth: 3177' 3177'

Time On: 10:54 11/10 Time On Bottom: 12:32 11/10 Time Off Bottom: 15:32 11/10

Time Off: 18:03 11/10

### **Down Hole Makeup**

Heads Up:	26.57 FT	Packer 1:	3092.95 FT
Drill Pipe:	3099.36 FT	Packer 2:	3097.95 FT
ID-3 1/2		Top Recorder:	3084.95 FT
Weight Pipe: ID-2 7/8	FT	Bottom Recorder:	3167 FT
Collars:	FT	Well Bore Size:	7 7/8
ID-2 1/4		Surface Choke:	1"
Test Tool: ID-3 1/2-FH	26.16 FT	Bottom Choke:	5/8"
Total Anchor:	79.05		
Anchor Makeup			
Packer Sub:	1 FT		
Perforations: (top): 4 1/2-FH	2 FT		
Change Over:	.5 FT		
Drill Pipe: (in anchor): ID-3 1/2	63.55 FT		
Change Over:	1 FT		
Perforations: (below): 4 1/2-FH	11 FT		

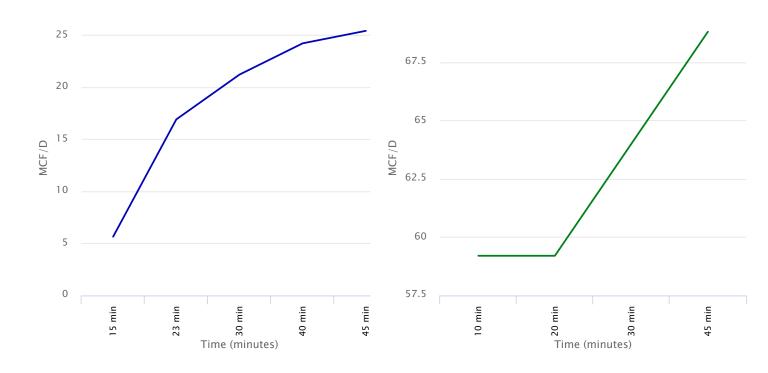
Coperation: Uploading recovery & pressures	Inc	y: RJM Oil Co Surmeister "B	<b>mpany,</b> c s " <b>#6</b> F	EC: 2 TWN: 17S RNG: county: BARTON date: Kansas prilling Contractor: South nc - Rig 3 devation: 1949 GL ield Name: Kraft-Prusa dool: Infield ob Number: 458 PI #: 15-009-26292		
DATE November	DST #1	Formation: Lan A-F	Test Interval: 3098 - 3177'	Total Depth: 3177'	100 PPM	
10	Tin	ne On: 10:54 11/10	Time Off: 18:03 11/1	0		
2020	Tin	ne On Bottom: 12:32 11/10	) Time Off Bottom: 15	:32 11/10		
Mud Properties						
Mud Type: Chem	<b>Weight:</b> 8.5	Viscosity: 57	Filtrate: 7.6	Chlorides:	2500 ppm	

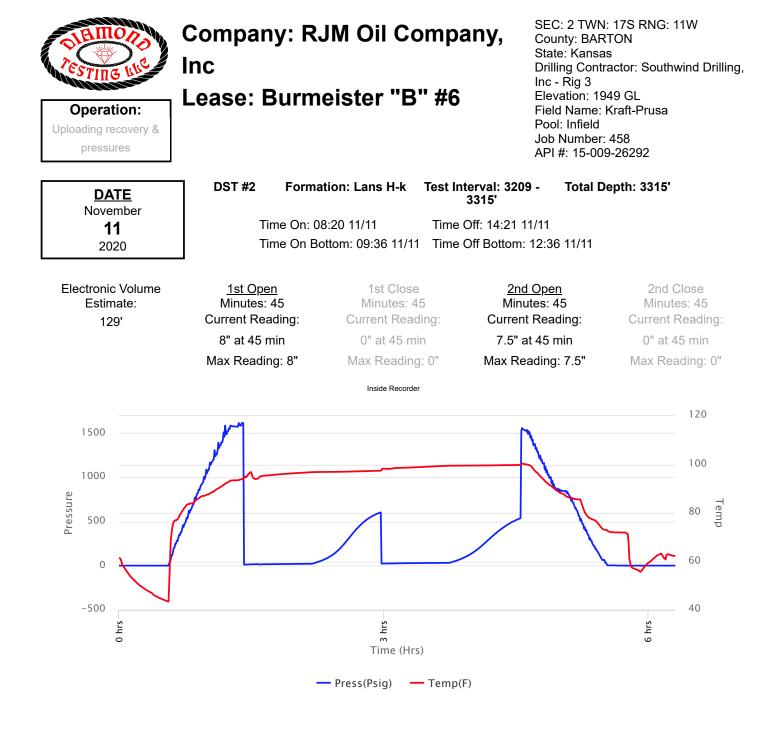
<b>Operation:</b> Uploading recovery & pressures	Inc	ny: RJM Oil Co Burmeister "B		Cou Stat Drill Inc Elev Fiel Job	C: 2 TWN: 17S RNG: inty: BARTON ie: Kansas ing Contractor: South - Rig 3 /ation: 1949 GL d Name: Kraft-Prusa d: Infield Number: 458 #: 15-009-26292	
DATE November	DST #1	Formation: Lan A-F	Test Interval: 309 3177'	8 -	Total Depth: 3177'	100 PPM
<b>10</b>	Ті	me On: 10:54 11/10	Time Off: 18:03 1	1/10		
2020	Tì	me On Bottom: 12:32 11/10	0 Time Off Bottom:	15:32	2 11/10	

### **Gas Volume Report**

Remarks: Caught gas sample 20 mins in on first opening.

	1st O	pen			2nd C	)pen	
Time	Orifice	PSI	MCF/D	Time	Orifice	PSI	MCF/D
15	0.125	4.0	5.64	10	0.50	3.0	59.2
23	0.125	25	16.9	20	0.50	3.0	59.2
30	0.125	35	21.2	30	0.50	3.5	64.0
40	0.125	42	24.2	45	0.50	4.0	68.8
45	0.125	45	25.4				





resting the	Company: Inc Lease: Bur		•	Y, Cou Stat Drill Inc Elev Field Poo Job	C: 2 TWN: 17 inty: BARTO ing Contract - Rig 3 vation: 1949 d Name: Kra I: Infield Number: 45 #: 15-009-26	N or: Southw GL ft-Prusa 8	
DATE	DST #2 Fo	rmation: Lans H-k	Test Interv 33		Total Dept	h: 3315'	
November	Time O	n: 08:20 11/11		14:21 11/11			
<b>11</b> 2020	_	n Bottom: 09:36 11/		Bottom: 12:36	3 11/11		
2020				Bottom: 12.00			
Recovered							
Foot BBLS		on of Fluid	<u>Gas %</u>	<u>Oil %</u>	Water %	<u>6 Mu</u>	<u>d %</u>
142 2.0206		G	100	0	0		0
47 0.6688	31 SLGC	SLOCM	3	7	0	ç	90
Total Recovered: 18 Total Barrels Recove	• • •	Reversed Out NO	2	Recover	y at a glan	ce	
Initial Hydrostatic Pres	sure 1572	PSI	<b>_</b>				
Initial	Flow 12 to 22	PSI	BBL I BBL				
Initial Closed in Pres	sure 603	PSI					
Final Flow Pres	sure 24 to 31	PSI	0				
Final Closed in Pres	sure 537	PSI	0		Rec	overy	
Final Hydrostatic Press	sure 1556	PSI				,	
Tempera	ature 100	°F		Gas 75.88%	Oil 1.74%	Water 0%	Mud 22.38%
Pressure Change I Close / Final C		%	GIP cubic foot	volume: 11.4	5765		

<b>Operation:</b> Uploading recovery & pressures	Inc	y: RJM Oil Co Burmeister "B	ompany, " #6	SEC: 2 TWN: 17S RNG: 11W County: BARTON State: Kansas Drilling Contractor: Southwind Drilling, Inc - Rig 3 Elevation: 1949 GL Field Name: Kraft-Prusa Pool: Infield Job Number: 458 API #: 15-009-26292
DATE November	DST #2	Formation: Lans H-k	Test Interval: 3209 3315'	- Total Depth: 3315'
<b>11</b>	Ti	me On: 08:20 11/11	Time Off: 14:21 11	/11
2020	Ti	me On Bottom: 09:36 11/11	Time Off Bottom: 1	2:36 11/11
BUCKET MEASUREMENT 1st Open: 1/2 Blow. Built		minutes		

1st Close: NOBB

2nd Open: 3 1/4" Blow. Built to 7 1/2 inches in 45 min

2nd Close: NOBB

#### REMARKS:

Tool Sample: 0% Gas 5% Oil 0% Water 95% Mud



# Company: RJM Oil Company,

# Inc

**Operation:** Uploading recovery & pressures

Lease: Burmeister "B" #6

SEC: 2 TWN: 17S RNG: 11W County: BARTON State: Kansas Drilling Contractor: Southwind Drilling, Inc - Rig 3 Elevation: 1949 GL Field Name: Kraft-Prusa Pool: Infield Job Number: 458 API #: 15-009-26292

	-
DATE	
November	
11	
2020	

**DST #2** Formation: Lans H-k

Test Interval: 3209 -3315'

Total Depth: 3315'

Time On: 08:20 11/11 Time On Bottom: 09:36 11/11 Time Off Bottom: 12:36 11/11

Time Off: 14:21 11/11

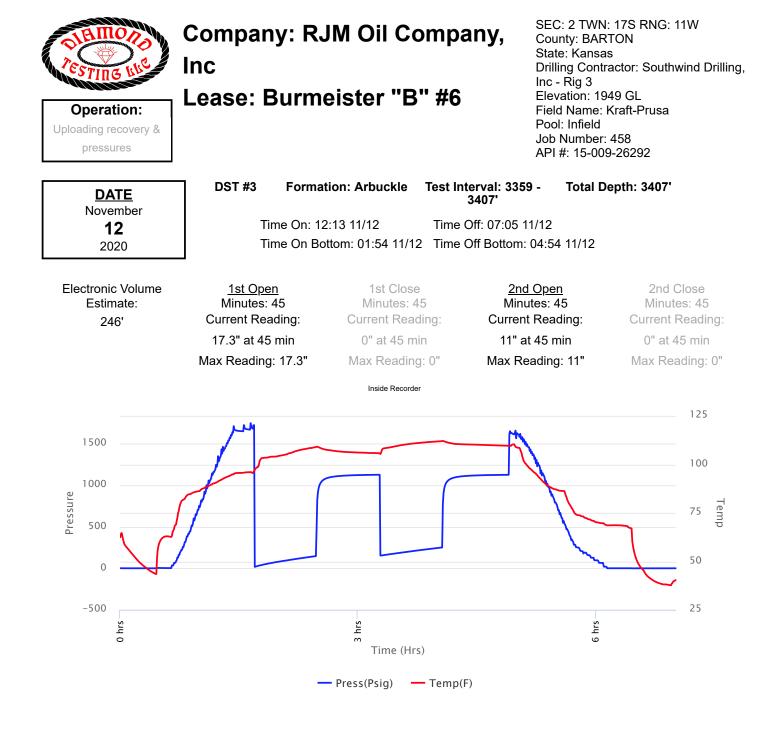
### **Down Hole Makeup**

Heads Up:	10.43 FT	Packer 1:	3204.45 FT
Drill Pipe:	3194.72 FT	Packer 2:	3209.45 FT
ID-3 1/2		Top Recorder:	3196.45 FT
Weight Pipe: ID-2 7/8	FT	Bottom Recorder:	3279 FT
Collars:	FT	Well Bore Size:	7 7/8
ID-2 1/4		Surface Choke:	1"
Test Tool: ID-3 1/2-FH	26.16 FT	Bottom Choke:	5/8"
Total Anchor:	105.55		
	<u>Makeup</u>		
Packer Sub:	1 FT		
Perforations: (top): 4 1/2-FH	2 FT		
Change Over:	1 FT		
Drill Pipe: (in anchor): ID-3 1/2	63.55 FT		
Change Over:	1 FT		
Perforations: (below): 4 1/2-FH	37 FT		

Coperation: Uploading recovery & pressures	Inc	y: RJM Oil Co Surmeister "B	In Fi Fi Jo St Di Di Di Di Di Di Di Di Di Di	EC: 2 TWN: 17S RNG: 11W ounty: BARTON sate: Kansas rilling Contractor: Southwind Drilling, c - Rig 3 evation: 1949 GL eld Name: Kraft-Prusa pol: Infield bb Number: 458 PI #: 15-009-26292		
DATE November	DST #2	Formation: Lans H-k	- Test Interval: 3209 3315'	Total Depth: 3315'		
11	Tir	ne On: 08:20 11/11	Time Off: 14:21 11/1	1		
2020	Tir	ne On Bottom: 09:36 11/11	Time Off Bottom: 12:	36 11/11		
Mud Properties						
Mud Type: Chem	<b>Weight:</b> 9.2	Viscosity: 50	Filtrate: 8	Chlorides: 3500 ppm		

<b>Operation:</b> Uploading recovery & pressures	Company: RJM Oil Company, Inc Lease: Burmeister "B" #6	SEC: 2 TWN: 17S RNG: 11W County: BARTON State: Kansas Drilling Contractor: Southwind Drilling, Inc - Rig 3 Elevation: 1949 GL Field Name: Kraft-Prusa Pool: Infield Job Number: 458 API #: 15-009-26292
DATE November	DST #2 Formation: Lans H-k Test Interval: 33 3315'	209 - Total Depth: 3315'
<b>11</b>	Time On: 08:20 11/11 Time Off: 14:2	1 11/11
2020	Time On Bottom: 09:36 11/11 Time Off Botto	m: 12:36 11/11
	Gas Volume Report	





Operation Pressures		ompany: F ic ease: Burr		-	Y, Cou Sta Drill Inc Ele Fiel Poc Job	C: 2 TWN: 17S F unty: BARTON te: Kansas ling Contractor: 3 - Rig 3 vation: 1949 GL d Name: Kraft-P ol: Infield Number: 458 #: 15-009-2629	Southwind Drillin Irusa	ıg,
DATE		DST #3 Forr	nation: Arbuck	le Test Interva 340		Total Depth: 3	3407'	
Novembe	er			• • •	-			
12			12:13 11/12		07:05 11/12			
2020		Time On	Bottom: 01:54 1	1/12 Time Off E	Bottom: 04:54	4 11/12		
Recov	/ered							
Foot	BBLS	Description	n of Fluid	<u>Gas %</u>	Oil %	Water %	Mud %	
18	0.25614	G		100	0	0	0	
45	0.64035	0	)	0	100	0	0	
189	2.68947	SLWCSLO	CSLGCM	10	10	3	77	
126	1.79298	SLOCGO	HWCM	20	10	30	40	
189	2.68947	SLGCSLO	CSLMCW	2	2	93	3	
Total Recover Total Barrels		-	Reversed Out NO		Recover	ry at a glance		
Initial Hydrost	atic Pressur	e 1648	PSI	2			_	
, ,	Initial Flo		PSI	BBL				
Initial Closed	in Pressur	e 1124	PSI		_			
Final F	low Pressu	e 153 to 250	PSI					
Final Closed	in Pressur	e 1125	PSI	0		Recove	rv	<b></b>
Final Hydrosta	atic Pressure	e 1649	PSI			Recove	r y	
	Temperatur	re 113	°F		Gas •		/ater • Mud 8.67% 35.5	
Pressure C	Change Initi	al 0.0	%					
Close	/ Final Clos	e		GIP cubic foot	volume: 5.26	344		

SI BILONO	Cor
resting the	Inc

# Company: RJM Oil Company,

# Lease: Burmeister "B" #6

SEC: 2 TWN: 17S RNG: 11W County: BARTON State: Kansas Drilling Contractor: Southwind Drilling, Inc - Rig 3 Elevation: 1949 GL Field Name: Kraft-Prusa Pool: Infield Job Number: 458 API #: 15-009-26292

Operation:	
Uploading recovery &	ζ
pressures	

**DST #3** Formation: Arbuckle

Test Interval: 3359 -3407'

Total Depth: 3407'

Time On: 12:13 11/12

Time Off: 07:05 11/12 Time On Bottom: 01:54 11/12 Time Off Bottom: 04:54 11/12

#### **BUCKET MEASUREMENT:**

DATE

November

12

2020

1st Open: 1/2" Blow. BOB in 29 minutes 1st Close: NOBB 2nd Open: 1/2" Blow. Built to 11 inches in 45 mins 2nd Close: NOBB

#### **REMARKS:**

Tool Sample: 0% Gas 55% Oil 45% Water 0% Mud

Gravity: 43.3 @ 60 °F

Ph: 7

Measured RW: 1 @ 47 degrees °F

RW at Formation Temp: 0.449 @ 113 °F

Chlorides: 8800 ppm



Inc

# Company: RJM Oil Company,

### Lease: Burmeister "B" #6

SEC: 2 TWN: 17S RNG: 11W County: BARTON State: Kansas Drilling Contractor: Southwind Drilling, Inc - Rig 3 Elevation: 1949 GL Field Name: Kraft-Prusa Pool: Infield Job Number: 458 API #: 15-009-26292

**Operation:** Uploading recovery & pressures

DATE November 12 2020

**DST #3 Formation: Arbuckle** 

Test Interval: 3359 -3407'

Total Depth: 3407'

Time On: 12:13 11/12 Time Off: 07:05 11/12 Time On Bottom: 01:54 11/12 Time Off Bottom: 04:54 11/12

### **Down Hole Makeup**

Heads Up:	19.86 FT	Packer 1:	3354 FT
Drill Pipe:	3353.7 FT	Packer 2:	3359 FT
ID-3 1/2		Top Recorder:	3346 FT
Weight Pipe: ID-2 7/8	FT	Bottom Recorder:	3361 FT
Collars:	FT	Well Bore Size:	7 7/8
ID-2 1/4		Surface Choke:	1"
Test Tool: ID-3 1/2-FH	26.16 FT	Bottom Choke:	5/8"
Total Anchor:	48		
Anchor	<u>Makeup</u>		
Packer Sub:	1 FT		
Perforations: (top): 4 1/2-FH	FT		
Change Over:	FT		
Drill Pipe: (in anchor): ID-3 1/2	FT		
Change Over:	FT		
Perforations: (below): 4 1/2-FH	47 FT		

Contraction: Uploading recovery & pressures	Inc	y: RJM Oil Co urmeister "B'	<b>mpany,</b> c s " " <b>#6</b> F J	EC: 2 TWN: 17S RNG: 11W County: BARTON State: Kansas Drilling Contractor: Southwind Drilling, nc - Rig 3 Elevation: 1949 GL Field Name: Kraft-Prusa Pool: Infield ob Number: 458 PI #: 15-009-26292
DATE November	DST #3	Formation: Arbuckle	Test Interval: 3359 - 3407'	Total Depth: 3407'
12	Tim	e On: 12:13 11/12	Time Off: 07:05 11/1	2
2020	Tim	e On Bottom: 01:54 11/12	Time Off Bottom: 04	:54 11/12
		Mud Proper	rties	
Mud Type: Chem	Weight: 9.2	Viscosity: 54	Filtrate: 8.8	Chlorides: 4500 ppm

Coperation: Uploading recovery & pressures	Inc	y: RJM Oil Co Burmeister "B	<b>ompany,</b>	SEC: 2 TWN: 17S RNG: 11W County: BARTON State: Kansas Drilling Contractor: Southwind Drilling, nc - Rig 3 Elevation: 1949 GL Sield Name: Kraft-Prusa Pool: Infield ob Number: 458 API #: 15-009-26292
DATE November	DST #3	Formation: Arbuckle	- Test Interval: 3359 3407'	Total Depth: 3407'
12	Tir	me On: 12:13 11/12	Time Off: 07:05 11/	12
2020	Tir	me On Bottom: 01:54 11/1	2 Time Off Bottom: 04	l:54 11/12
	-	Gas Volume	Report	





OIL COMPANY INC.
CLAFLIN, KS

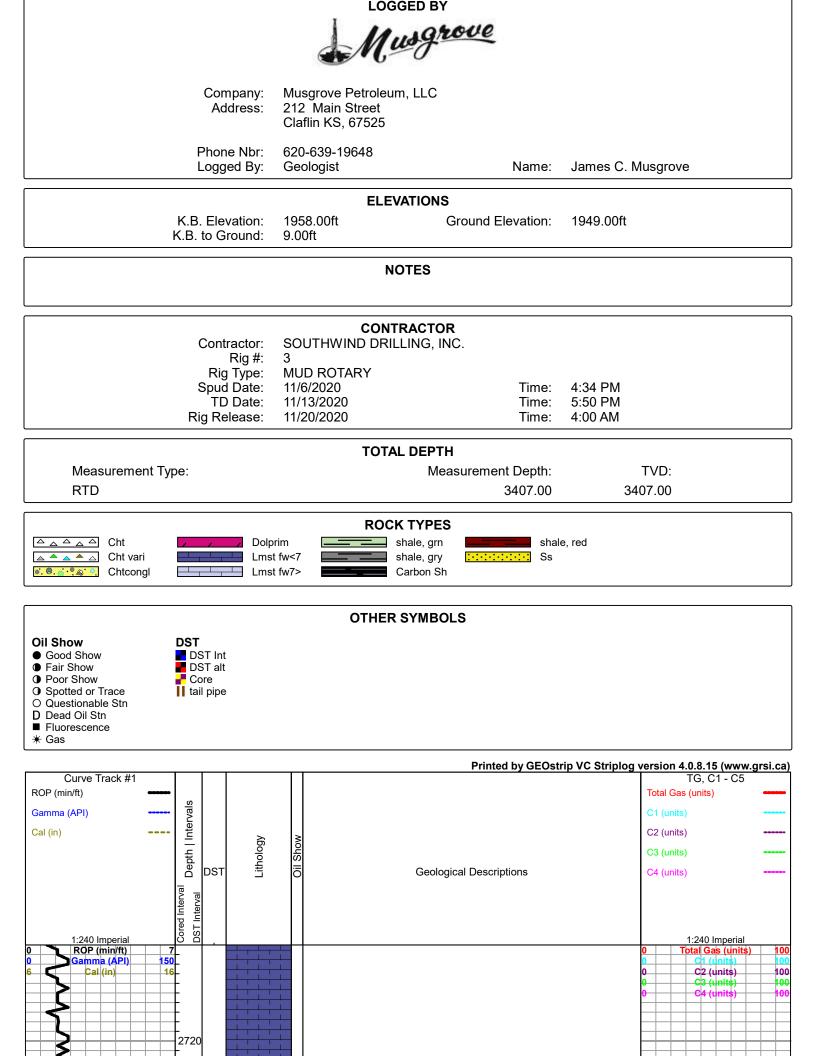
Scale 1:240 Imperial

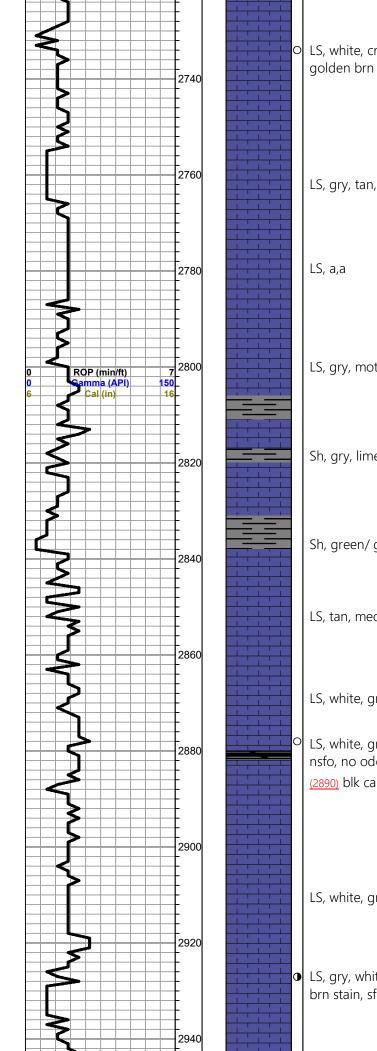
Well Name: Surface Location: Bottom Location:	Burmeister B#6 2-17-11w			
API:	15-009-26292			
License Number:	30458			
Spud Date:	11/6/2020	Time:	4:34 PM	
Region:	Barton			
Drilling Completed:	11/13/2020	Time:	5:50 PM	
Surface Coordinates:				
Bottom Hole Coordinates:				
Ground Elevation:	1949.00ft			
K.B. Elevation:	1958.00ft			
Logged Interval:	2700.00ft	To:	3407.00ft	
Total Depth:	3407.00ft			
Formation:	Lansing			
Drilling Fluid Type:	Chemical/Fresh Water Gel			
				-

#### OPERATOR

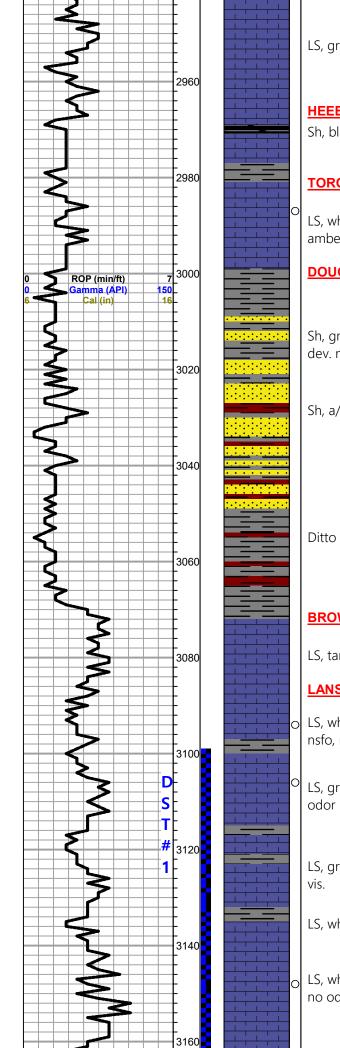
Company: Address:				
Contact Geologist: Contact Phone Nbr: Well Name: Location: API: Pool: State:	Burmeister B#6 2-17-11w 15-009-26292 Kansas	Field: Country:	Kraft-Prusa USA	

6																						
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		DRILL	ING				Oil				OIL				OIL							
		RJM C	:0.				RJM CO	C					TEXA	s co.			TEXAS CO.					
		BURMEIST	ER 'B' # 6		BURMEISTER #1				F.F. BURMEISTER "B" #4				F.F. BURMEISTER "B" #3									
		2-17s-		2-17s-11W [ 330'FSL & 330' FWL]				2-17s-11w [C-SE-SE]				2-17s-11w [C-SW-SE]										
	KB	1958	GL	1949	KB		18	888			DF		1952				DF 1934					
		LOG	SAI	MPLE	L	.ÓG	LC	)G	SM	IPL.	LOG	ADJ.	L)	OG	SM	PL.	LC	G	L.	OG	SM	IPL.
FORMATION	DEPTH	<u>S.S</u>	DEPTH 2	<u>S.S3</u>	DEPTH	<u>S.S.</u>	DEPTH4	st.	CORR.	<u>st 2</u>	DEPTH7	<u>S.S</u>	<u>st. 2</u>	<u>st. 2</u>	<u>st 2L</u>	<u>st. 2 S</u>	DEPTH12	Sub Sea	<u>st 4</u>	<u>st 5 L</u>	<u>St 5 S.</u>	<u>St 6 S</u>
HEEBNER	2966	-1008	2966	-1008	2910	-1022	+	14	+	14							2960	-1026	+	18	+	18
TORONTO	2983	-1025	2983	-1025	2925	-1037	+	12	+	12												
DOUGLAS	3000	-1042	3000	-1042	2943	-1055	+	13	+	13												
BROWN LIME	3070	-1112	3070	-1112	3015	-1127	+	15	+	15												
LANSING	3085	-1127	3085	-1127	3030	-1142	+	15	+	15	3072	-1120	-	7	-	7	3062	-1128	+	1	+	1
BKC	3350	-1392	3350	-1392	3291	-1403	+	11	+	11												
CONGL.	3366	-1408	3366	-1408							3364	-1412	+	4	+	4	3354	-1420	+	12	+	12
ARBUCKLE	3404	-1446	3404	-1446	3294	-1406	-	40	-	40	3403	-1451	+	5	+	5	3372	-1438	-	8	-	8
RTD	3407	-1449	3407	-1449	3300	-1412	-	37	-	37	3415	-1463	+	14	+	14	3386	-1452	+	3	+	3
LTD																						

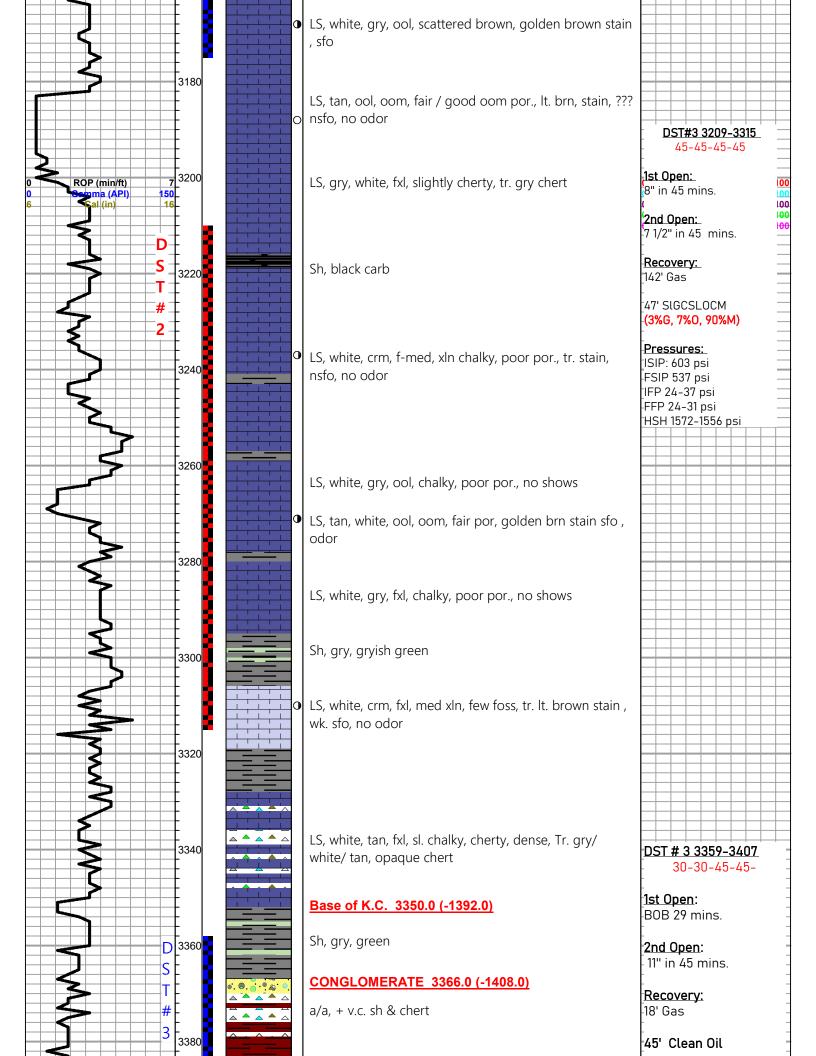








### LS, gry, white, slightly foss, chalky, poor por. HEEBNER 2966.0 (-1008.0) DST#1 3098-3177 Sh, black carb 45-45-45-45 <u>1st Open:</u> TORONTO 2983.0 (-1025.0) Bob 35 sec. Gas to Surface in 15 mins. LS, white, crm, fxl, sl. chalky, tr. p.p. porosity, tr. lt. amber oil, poor stain, no odor 1st Shut in: Weak blow back DOUGLAS 3000.0 (-1042.0) 2nd Open: BOB Instant 2nd Shut in: Sh, gry/ gryish green - vfg. silty sh/ sand, mica, poorly BOB blow back dev. no shows Recovery: 2724' Gas Sh, a/a 159' Mud 63' GCM (25%G, 75%M) 126' SL. 0&GCM (50%G, 3%O, 7%W, 40%M) Pressures: ISIP 670 psi FSIP 643 psi IFP 39-139 psi FFP 102-163 psi HSH 1499-1496 psi BROWN LIME 3070.0 (-1112.0) LS, tan, brown, f-med xln, dense. LANSING 3085.0 (-1127.0) LS, white, gry, fxl, chalky poor vis. porosity, blk / gry stn, nsfo, no odor LS, gry, white, foss, poor vis. porosity, ??? stain nsfo, no LS, gry, white, fxl, foss, ool sparry calcite cemented poor LS, white, gry, ool, dense LS, white, gry,, white, fxl, foss, poor por., tr. gry stn, nsfo, no odor



×.		A/a, v.c. ool chert	189' SLW&OGCM (10%G, 10%O,3%W,77%M)
0 CP (min/ft) 0 Gamma (API) 6 Cal (in)	7 7 7 7 3400	A/a <u>ARBUCKLE 3404.0 (-1446.0)</u>	126' SLOCGCWM (20%G10%O30%W40%M
6 Cal (in)		Dol., white/ crm, med xln, fair inxln por., brown stain sfo, ft- fair odor	(189' SLGCSLOCMW (2%G, 2%O, 93%W,3%M)
	3420	<u>RTD 3407.0 (-1449.0)</u>	Pressures:         -           ISIP 1124 psi         -           FSIP 1125 psi         -           IFP 17-146 psi         -           FFP 153-250 psi         -           HSH 1648-1649 psi         -
	3440		
	3460		

# QUALITY OILWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107

Phone 785-483-1071 Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 2073

	Sec.	Twp.	Range		County	State	On Location	Finish			
Date 11/12/2020	2	17		Bar	ton	Kansas		4:45 pm			
				Locati	on						
Lease Bur Meister	r B	:	Well No.		Owner						
Contractor Southwing	L Rigt	<b>*</b> 3			To Quality O	ilwell Cementing, Inc.		A and furnish			
Type Job Deoducton	String				cementer and	by requested to rent of helper to assist own	cementing equipmentier or contractor to de	o work as listed.			
Hole Size 7 7		T.D.	3407.1		Charge	(JM					
Csg. 5 1/2		Depth	3403		Street						
Tbg. Size		Depth			City		State				
Tool		Depth	••		The above wa	s done to satisfaction an	d supervision of owner	agent or contractor.			
Cement Left in Csg. 43	.70	Shoe J	oint 43,70	2	Cement Amo	ount Ordered 80	<u>com 10% sa</u>	H 5% gilonin			
Meas Line		Displac	e <b>80</b>		50	Dogal mudif.					
	EQUIPM		<u> </u>		Common/ 8	30					
Pumptrk 6 No. Ceme Helpe	r L	A'9	David		Poz. Mix						
Bulktrk <b>9</b> No. Driver	01	7	····		Gel.	X					
Bulktrk No. Driver			· · · ·	6	Calcium		`				
JOB SE	RVICES &	& REMA	RKS		Hulls						
Remarks:					Salt 16	٠					
Rat Hole 30 sks			•		Flowseal						
Mouse Hole					Kol-Seal 900 #						
Centralizers					Mud CLR 48 500 geel						
Baskets					CFL-117 or 0	CD110 CAF 38					
D/V or Port Collar					Sand						
5½ set at	- 34	03			Handling	05					
insert at	33	59-3	3		Mileage			· · · · ·			
est. Lincular.							ENT				
pump 500ga	1 muo	Iflus	<u>h</u>		Guide Shoe		**************************************				
pluged var ho	le wi	+h 3	30 sks		Centralizer -	-9					
cement 5%	Ew,4	<u>ch 1</u>	505ks		Baskets -	2					
Cleared Line	s ad	d d	isplacoa	K m	AFU Inserts						
plug .					Float Shoe -						
- Plug Lande	d at	- / 9	500 #psi		Latch Down	- 6a - 19 - 19					
L, ft pre	5541e	at-	\$00 #psi			2. <sup>34</sup>					
	1908						n sector en Alexandre de Carlos Alexandre de Carlos				
					Pumptrk Cha	arge procl S	tring	·			
					Mileage 30	N.4	NACE STATES				
	[ ]	21					Tax				
	$\Pi D$	/				havRS	Discount				
X Signature	Д/ [				1 7 /	hanks	Total Charge				
	11										
					$\sim \circ$	)					

#### **GENERAL TERMS AND CONDITIONS**

DEFINITIONS: In these terms and conditions, "Quality" shall mean Quality Oilwell Cementing, Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

- TERMS: Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "QUALITY" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwith-standing the foregoing in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "QUALITY," refunded directly to "CUSTOMER." For purposes of this paragraph, QUALITY and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

– ATTORNEY FEES: In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the term of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limit to, a reasonable sum as and attorney's fees.

- PRICES AND TAXES: All merchandise listed in "QUALITY'S" current price shall schedule are F.O.B. QUALITY'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by QUALITY shall be added to the quoted prices charged to CUS-TOMER.

- TOWING CHARGES: QUALITY will make a reasonable attempt to get to and from each job site using its own equipment. Should QUALITY be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by QUALITY, will be charged to and paid by CUSTOMER.

- PREPARATION CHARGES: If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay QUALITY for the expenses incurred by QUALITY as a result of the cancellation.

- DEADHAUL, CHARGES: Unless otherwise specified on the front of this Contract, a deadhaul charges as set forth in QUALITY'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

- SERVICE CONDITIONS AND LIABILITIES: 1. QUALITY carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond QUALITY'S control, QUALITY shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless QUALITY, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with QUALITY'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of QUALITY or its employees.

2. With respect to any of QUALITY'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUS-TOMER and before return to QUALITY at the landing, CUSTOMER shall either recover the lost item without cost to QUALITY or reimburse QUALITY the current replacement cost of the item unless the loss or damage results from the sole negligence of QUALITY or its employ-ees.

3. QUALITY does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

WARRANTIES: 1. QUALITY warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. QUALITY'S obligation under this warranty is expressly limited to repair replacement, or allowance for credit, at its option, for any merchandise which is determined by QUALITY to be defective. THIS IS THE SOLE WARRANTY OF QUALITY AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and QUALITY shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be constructed as a warranty by QUALITY of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by QUALITY or any interpretation of test, meter readings, chart information, analysis or research, or recommendations made by QUALI-TY, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of QUALITY or its employees in the preparation or furnishing of such facts, information or data. (C) Work done by QUALITY shall be under the direct supervision and control of the CUSTOMER or his agent and QUALITY will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

QUALI		ELL C		ING, IN	C.
Phone 785-483-1071 Cell 785-324-1041			ussell, KS 67665	No.	2071
Sec.	Twp. Range	County	State	On Location	Finish
Date 11/7/2020 2	17 11	Barton	Kansas		12=30 ~~
• /		Location Claf	lin 5N1341	E Ninto	
Lease Bur Meister	B Well No. 6	Owner			
Contractor Southwind R.	·4 3		Oilwell Cementing, Inc reby requested to rent		t and furnish
Type Job Surface		cementer a	and helper to assist ow	ner or contractor to d	o work as listed.
Hole Size 1214	T.D. 430-3	Charge To	RJM		
Csg. 85/8	Depth 430-4	Street			
Tbg. Size	Depth	City		State	
Tool	Depth		vas done to satisfaction a		r agent or contractor.
Cement Left in Csg. 15	Shoe Joint 15		nount Ordered 290		
Meas Line	Displace 26.2		1 200		
	PMENT	Common	120	······································	1
Pumptrk 16 No. Cementer	im	Poz. Mix	80		
Bulktrk 9 No. Driver Do	μġ	Gel. 4	0-		1
No. Driver	hid		9		
JOB SERVICE		Hulls	·		1
Remarks:		Salt			
Rat Hole		Flowseal	· · · · · · · · · · · · · · · · · · ·		
Mouse Hole		Kol-Seal			
Centralizers		Mud CLR			
Baskets			r CD110 CAF 38		
D/V or Port Collar	N. (	Sand			
Ran 858 and	esta Civculatio		190		
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		Guide Sho			
<u> </u>		Centralizer		• •• •• •• •• •• •• ••	
		Baskets			
		AFU Insert	e **		
		Float Shoe			× 
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