

Confidentiality 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 - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

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 Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

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: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, 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 / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Brooks Range Corporation
Well Name	MILLER 9C SWD
Doc ID	1648533

All Electric Logs Run

Mud
DIL
Micro
Porosity
Sonic
CBL

Form	ACO1 - Well Completion
Operator	Brooks Range Corporation
Well Name	MILLER 9C SWD
Doc ID	1648533

Tops

Name	Top	Datum
Morrow	5021	-1490
Mississippian	5160	-1629
Spergen	5410	-1879
Osage	5550	-2019
Kinderhook	5682	-2151
Viola	5834	-2303
Simpson	5943	-2412
Arbuckle	5995	-2464

Quasar Energy Services, Inc.
 3288 FM 51
 Gainesville, TX 76240

Invoice

Date	Invoice #
1/11/2022	144322

Bill To
Brooks Range Corporation 3400 E Bayaud Ave, Suite 300 Denver, CO 80209

As of 09/22/2015 any invoice with a discount must be paid within 60 days of the invoice date. After 60 days the discount will be removed and the invoice will reflect the full price.

			Well
			Miller 9C SWD
Description	Quantity	Rate	Amount
Pickup Mileage	145	3.31	479.95
Equipment Mileage	435	6.30	2,740.50
Pump Charge	1	1,653.75	1,653.75
Plug Container	1	330.75	330.75
Class A Cement	525	16.54	8,683.50
Auto fill tube	1	105.84	105.84
Insert Float	1	396.90	396.90
Top rubber plug	1	91.88	91.88
Centralizers	4	92.61	370.44
Calcium Chloride	1,485	1.32	1,960.20
Cello Flakes	132	2.65	349.80
Gypsum	710	1.00	710.00
Sodium Metasilicate	710	2.32	1,647.20
FWCA	71	11.25	798.75
Subtotal			20,319.46
Discount - 10%		-10.00%	-2,031.95
Total			\$18,287.51
Payments/Credits			\$0.00
Balance Due			\$18,287.51

All accounts are past due net 30 days following the date of invoice. A finance charge of 1.5% per month or 18% annual percentage rate will be charged on all past due accounts.

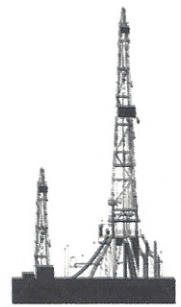


QUASAR ENERGY SERVICES, INC.

3288 FM 51
 Gainesville, Texas 76240
 Office: 940-612-3336

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

FRACTURING / ACID / CEMENT



BID #: 4780		AFE#/PO#: 0	
TYPE / PURPOSE OF JOB Cement- Surface		SERVICE POINT Liberal, KS	
CUSTOMER Brooks Range Corporation		WELL NAME Miller # 9C SWD	
ADDRESS 3400 E. Bayaud Ave. Suite 300		LOCATION Greeley, Ks.	
CITY Denver	STATE Colorado	ZIP 80209	TYPE AND PURPOSE OF JOB Cement- Surface
DATE OF SALE 1/7/2022		COUNTY Greeley	STATE KS

QTY.	CODE	YD	UNIT	PUMPING AND EQUIPMENT USED	UNIT PRICE	AMOUNT
145	1000	L	Mile	Mileage - Pickup - Per Mile	\$3.31	\$ 479.95
435	1010	L	Mile	Mileage - Equipment Mileage - Per Mile	\$6.30	\$ 2,740.50
1	5440	L	Per Well	Pumping Charge 0'-3500'	\$1,653.75	\$ 1,653.75
1	6030	L	Per Well	Plug Container	\$330.75	\$ 330.75
Subtotal for Pumping & Equipment Charges						\$ 5,204.95

QTY.	CODE	YD	UNIT	MATERIALS	UNIT PRICE	AMOUNT
525	5630	L	Per Sack	Cement - Class A	\$16.54	\$ 8,683.50
1	4850	L	Each	Auto Fill Tube 8 5/8"	\$105.84	\$ 105.84
1	4880	L	Each	Insert Float 8 5/8"	\$396.90	\$ 396.90
1	4900	L	Each	Top Rubber Plug 8 5/8"	\$91.88	\$ 91.88
4	4920	L	Each	Centralizers 8 5/8"	\$92.61	\$ 370.44
1,485	5770	L	Per Lb.	Calcium Chloride	\$1.32	\$ 1,960.20
132	5800	L	Per Lb.	Cello Flakes-Poly Flake 1/8" cut	\$2.65	\$ 349.80
710	5850	L	Per Lb.	Gypsum	\$1.00	\$ 710.00
710	5900	L	Per Lb.	Sodium Metasilicate (SMS) C-45	\$2.32	\$ 1,647.20
71	5950	L	Per Lb.	C-51 FWCA	\$11.25	\$ 798.75
Subtotal for Material Charges						\$ 15,114.51

WORKERS		TOTAL	\$ 20,319.46
Daniel Beck	Kirby Harper	DISCOUNT: 10%	DISCOUNT \$ 2,031.95
Angel Echevarria		DISCOUNTED TOTAL	\$ 18,287.51
Angel Archuleta			

STAMPS & NOTES:

As of 9/22/15 any invoice with a discount must be paid within 60 days of the invoice date. After 60 days the discount will be removed and the invoice will reflect full price.

CUSTOMER SIGNATURE & DATE

[Signature]

**All accounts are past due net 30 days following the date of invoice. A finance charge of 1 1/2% per month or 18% annual percentage rate will be charged on all past due accounts.



QUASAR ENERGY SERVICES, INC.

3288 FM 51
 Gainesville, Texas 76240
 Office: 940-612-3336
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Form 185-2c

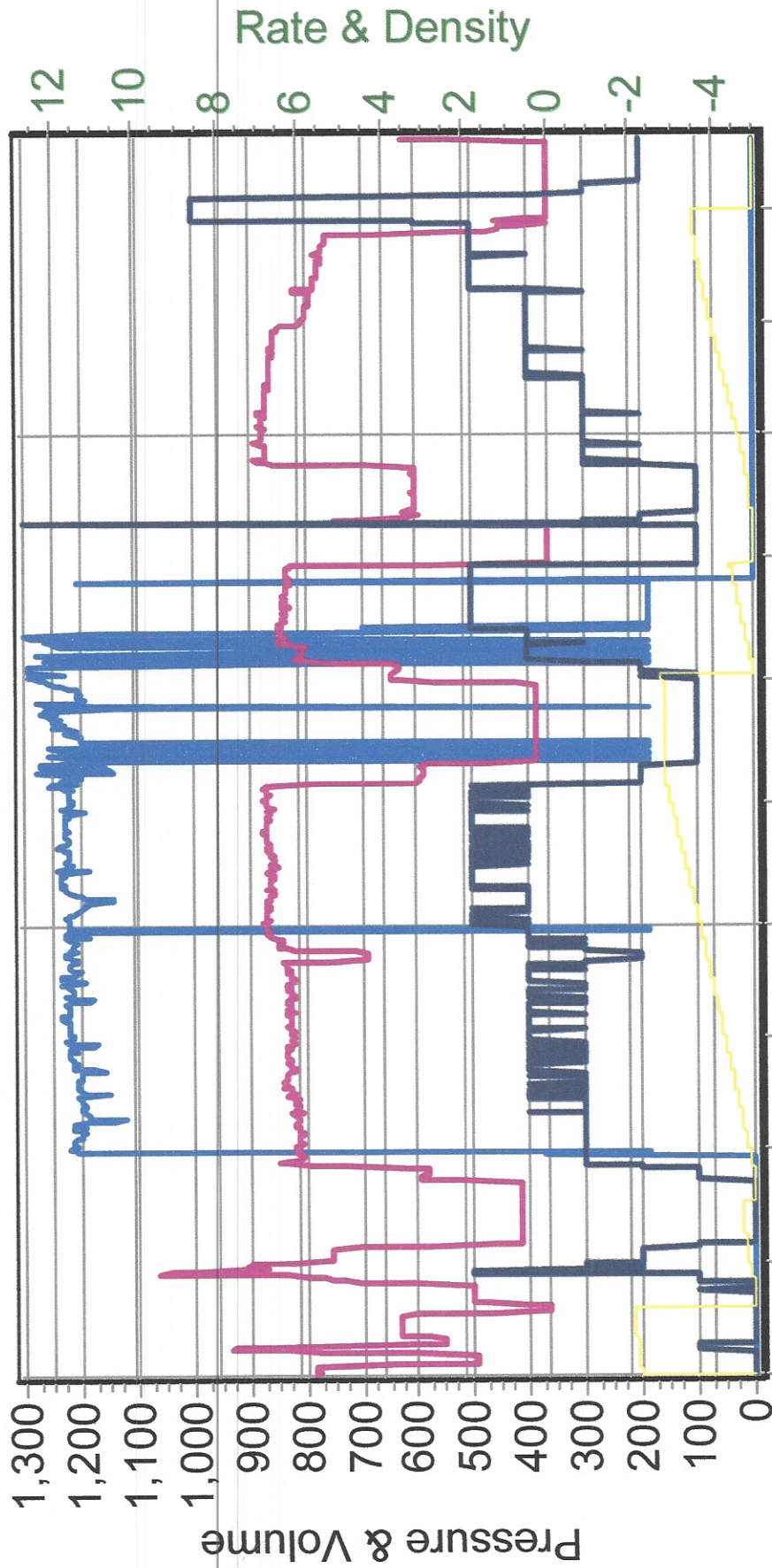
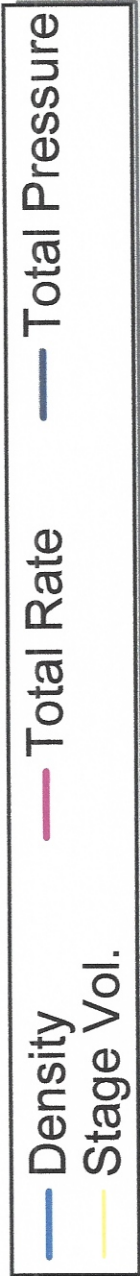
1/7/22

CEMENTING JOB LOG

CEMENTING JOB LOG

Company: Brooks Range Corporation				Well Name: Miller # 9C SWD			
Type Job: Cement- Surface				AFE #:			
CASING DATA							
Size: 8 5/8		Grade:		Weight: 23			
Casing Depths		Top:		Bottom: 1532			
Drill Pipe:		Size:		Weight:		Packer:	
Open Hole:		Size: 12 1/4		T.D. (ft):		Perfs.:	
CEMENT DATA							
Spacer Type:							
Amt.	Sks Yield	0	ft³/sk				Density (PPG)
LEAD: Class A: 2%Gyp., 2%SMS., 3%CC., 1/4#Celloflake, 0.2% C-51							
Amt. 375	Sks Yield	1110	ft³/sk	2.96			Density (PPG) 11.41
TAIL: Class A: 3% Calcium Chloride, 1/4# Celloflake							
Amt. 150	Sks Yield	178.5	ft³/sk	1.19			Density (PPG) 15.72
WATER:							
Lead: 375	gals/sk: 18.25	Tail: 150	gals/sk: 5.2	Total (bbls):		181.5	
Pump Trucks Used:				110, DP07			
Bulk Equipment:				189 660-21, 229 660-23			
Disp. Fluid Type: Water (Supplied)		Amt. (Bbls.): 95.4		Weight (PPG):		8.33	
COMPANY REPRESENTATIVE: Gary				CEMENTER: Daniel Beck			
TIME	PRESSURES PSI			FLUID PUMPED DATA		REMARKS	
AM/PM	Casing	Tubing	ANNULUS	TOTAL	RATE		
6:15						ON LOCATION & SAFETY MEETING	
6:30						RIG TO CIRCULATE	
8:23						RIG TO PT	
8:45						PRESSURE TEST TO 1500PSI	
8:50	300			197.6slurry	6.0	PUMP 375SX LEAD @ 11.4#	
9:19	390			31.7slurry	5.9	PUMP 150SX TAIL @ 15.7#	
9:28						SHUTDOWN / DROP PLUG	
9:30	130			10	3.2	DISPLACE	
	330			30	6.5		
	410			60	5.9		
	440			70	5.5		
	470			80	5.4	CEMENT TO SURFACE	
9:50	520			95.4	520	LAND PLUG / PRESSURE UP TO 1010PSI	
9:52						RELEASE BACK --- FLOAT HELD	
						JOB COMPLETE	
Company: Brooks Range Corporation				Well Name: Miller # 9C SWD			
Type Job: Cement- Surface				AFE #:			
Date: 1/7/2022		CEMENTING JOB LOG		QUASAR ENERGY SERVICES, INC. 185-2			

Brooks Range Corp. Miller #9C SWD



1/7/2022 8:38:11 AM 1/7/2022 9:06:52 AM 1/7/2022 9:38:15 AM

Quasar Energy Services, Inc.
 3288 FM 51
 Gainesville, TX 76240

Invoice

Date	Invoice #
1/26/2022	144516

Bill To
Brooks Range Corporation 3400 E Bayaud Ave, Suite 300 Denver, CO 80209

As of 09/22/2015 any invoice with a discount must be paid within 60 days of the invoice date. After 60 days the discount will be removed and the invoice will reflect the full price.

				Well
				Miller 9C SWD
Description	Quantity	Rate	Amount	
Pickup Mileage	145	3.31	479.95	
Equipment Mileage	435	6.30	2,740.50	
Pump Charge	1	1,653.75	1,653.75	
Pump Charge	1	2,123.42	2,123.42	
Class A Cement	150	16.54	2,481.00	
Class C-Lite Cement	440	19.85	8,734.00	
Plug Container	1	330.75	330.75	
Thread lock	2	46.31	92.62	
Auto Fill Shoe-Blue 5 1/2	1	396.90	396.90	
Latch down plug & baffle	1	859.95	859.95	
DV Tool-5 1/2-Red	1	6,879.60	6,879.60	
Centralizers-5 1/2	30	66.15	1,984.50	
Cement Basket	1	304.29	304.29	
C-19	106	11.40	1,208.40	
C-15	43	11.25	483.75	
Gel	300	0.34	102.00	
Kol seal	750	0.82	615.00	
Salt	600	0.50	300.00	
Subtotal			31,770.38	
Discount - 10%		-10.00%	-3,177.04	
Total			\$28,593.34	
Payments/Credits			\$0.00	
Balance Due			\$28,593.34	

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QUASAR ENERGY SERVICES, INC.

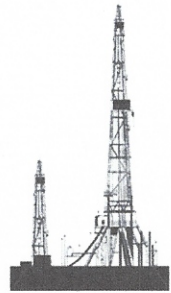
3288 FM 51

Gainesville, Texas 76240

Office: 940-612-3336

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

FRACTURING / ACID / CEMENT



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BID #: 4781				AFE#/PO#: 0			
TYPE / PURPOSE OF JOB Cement - DV Tool				SERVICE POINT Liberal, KS			
CUSTOMER BROOKS RANGE CORPORATION				WELL NAME MILLER 9C SWD			
ADDRESS 3400 E BAYAUD AVE SUITE 300				LOCATION TRIBUNE, KS			
CITY DENVER		STATE CO		ZIP 80209		TYPE AND PURPOSE OF JOB Cement - DV Tool	
DATE OF SALE 1/16/2022				COUNTY GREELEY		STATE KS	
QTY.	CODE	YD	UNIT	PUMPING AND EQUIPMENT USED		UNIT PRICE	AMOUNT
	145	1000	L	Mile	Mileage - Pickup - Per Mile	\$3.31	\$ 479.95
	435	1010	L	Mile	Mileage - Equipment Mileage - Per Mile	\$6.30	\$ 2,740.50
	1	5440	L	Per Well	Pumping Charge 0'-3500'	\$1,653.75	\$ 1,653.75
	1	5490	L	Per Well	Pumping Charge 5501'-6000'	\$2,123.42	\$ 2,123.42
Subtotal for Pumping & Equipment Charges							\$ 6,997.62
QTY.	CODE	YD	UNIT	MATERIALS		UNIT PRICE	AMOUNT
	150	5630	L	Per Sack	Cement - Class A	\$16.54	\$ 2,481.00
	440	5670	L	Per Sack	Cement - Lite - C	\$19.85	\$ 8,734.00
	1	6030	L	Per Well	Plug Container	\$330.75	\$ 330.75
	2	6158	L	Box	Thread Lock	\$46.31	\$ 92.62
	1	4300	L	Each	Auto Fill Shoe (Blue) 5 1/2"	\$396.90	\$ 396.90
	1	4370	L	Each	Latch Down Plug & Baffle 5 1/2"	\$859.95	\$ 859.95
	1	4380	L	Each	D.V. Tool (Red) 5 1/2"	\$6,879.60	\$ 6,879.60
	30	4450	L	Each	Centralizers 5 1/2"	\$66.15	\$ 1,984.50
	1	4470	L	Each	Cement Basket 5 1/2"	\$304.29	\$ 304.29
	106	5694	L	Per Lb.	C-19 Light Weight Fluid Loss	\$11.40	\$ 1,208.40
	43	5710	L	Per Lb.	C-15 Low Temp-Non Retarding Fluid Loss	\$11.25	\$ 483.75
	300	5840	L	Per Lb.	Gel (Bentinite)	\$0.34	\$ 102.00
	750	5860	L	Per Lb.	Kol-Seal	\$0.82	\$ 615.00
	600	5890	L	Per Lb.	Salt	\$0.50	\$ 300.00
Subtotal for Material Charges							\$ 24,772.76
WORKERS				TOTAL		\$ 31,770.38	
CHAD HINZ	ANGEL ARCHULETA			DISCOUNT:	10%	DISCOUNT	\$ 3,177.04
JESSE PAXTON				DISCOUNTED TOTAL		\$ 28,593.34	
KIRBY HARPER							
STAMPS & NOTES:				As of 9/22/15 any invoice with a discount must paid within 60 days of the invoice date. After 60 days the discount will be removed and the invoice will reflect full price.			
				CUSTOMER SIGNATURE & DATE			
				<i>J.W. Lang Doke</i>			

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Form 185-2c

1/16/22
 CEMENTING JOB LOG

CEMENTING JOB LOG

Company: BROOKS RANGE CORPORATION **Well Name:** MILLER 9C SWD

Type Job: Cement - DV Tool **AFE #:**

CASING DATA

Size:	5 1/2	Grade:	J-55	Weight:	15.5
Casing Depths	Top:	Bottom:	5993		
Drill Pipe:	Size:	Weight:			
Tubing:	Size:	Weight:		Grade:	TD (ft): 5991
Open Hole:	Size: 7 7/8	T.D. (ft):	5991		
Perforations	From (ft):	To:		Packer Depth(ft):	3012.06 D.V.TOOL

CEMENT DATA

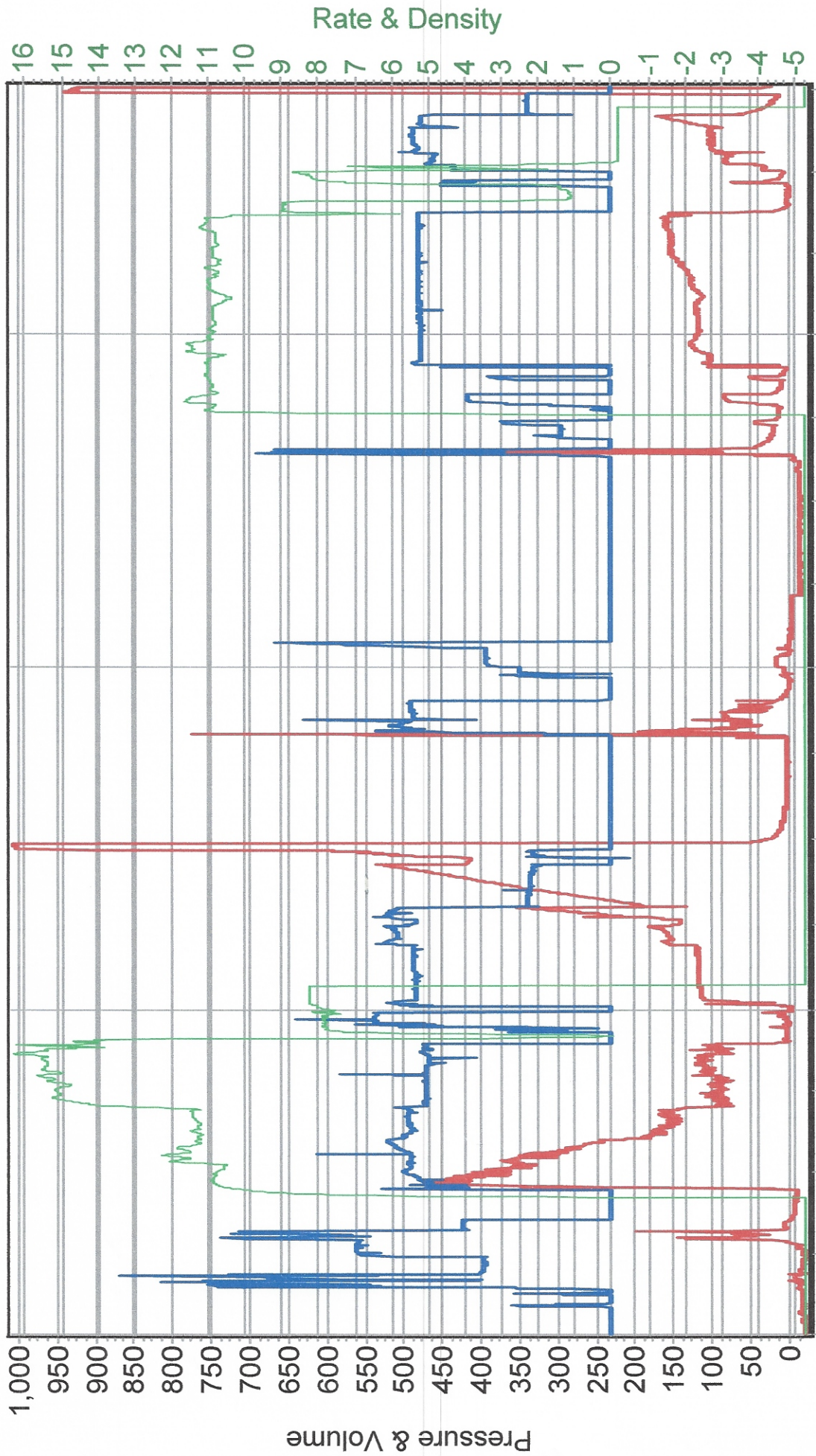
Spacer Type:							
Amt.		Sks Yield		ft ³ /sk		Density (PPG)	
LEAD:	CLASS C 50/50/8 .3%C-19					Excess	
Amt.	440	Sks Yield	3.19	ft ³ /sk		Density (PPG)	10.78
TAIL:	CLASS A 2%GEL, 7%SALT, 5#KOLSEAL, .3%C-15					Excess	
Amt.	150	Sks Yield	1.48	ft ³ /sk		Density (PPG)	14.7
WATER:							
Lead:	20	gals/sk:	67	Tail:	6.7	gals/sk:	24
						Total (bbls):	91
Pump Trucks Used:	210 DP11						
Bulk Equipment:	227 660-25 229 660-23						
Disp. Fluid Type:	FRESH/MUD	Amt. (Bbls.)	70/71.6	Weight (PPG):	8.3/9.2		
Mud Type:	WB			Weight (PPG):	9.2		

COMPANY REPRESENTATIVE: _____ **CEMENTER:** CHAD HINZ

TIME	PRESSURES PSI			FLUID PUMPED DATA		REMARKS
	Casing	Tubing	ANNULUS	TOTAL	RATE	
1200						ON LOC
1400						TRUCKS ON LOC.
2315						SAFTEY MTG, R.U.
006	443				5	START MIXING LEAD 140 SX
023	85			79.5	5	START TAIL
040				39.5		SHUT DOWN, DROP PLUG
045	118				5	START DISPLACEMENT
058	120			70	5	ON MUD
0108	202			132		SLOW RATE
0121	450-1000			142		PLUG DOWN
0123						RELEASE PSI, FLOAT HELD
0124						DROP BOMB
0148	820					OPEN TOOL
0152						CIRC W/RIG
0724						PLUG RAT & MOUSE
0736	102				5	START MIXING
0812				170.5		SHUT DOWN, DROP PLUG
0816	80				5	START DISPLACEMENT, WASHUP
0832	60			62	2	SLOW RATE
0837	40-930			72		PLUG DOWN, TOOL SHUT
0839						RELEASE PSI
						JOB COMPLETE

BROOKS RANGE MILLER 9C SWD 5 1/2 2 STAGE

— Pressure 1 — Total Rate — Density



1/15/2022 11:33:37 PM 1/16/2022 12:45:09 AM 1/16/2022 2:01:01 AM 1/16/2022 7:43:56 AM