

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 9D
Doc ID	1632806

All Electric Logs Run

Microlog
Neutron
GR
Sonic
Resistivity

QUASAR ENERGY SERVICES, INC.



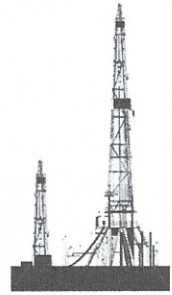
3288 FM 51

Gainesville, Texas 76240

Office: 940-612-3336

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

FRACTURING / ACID / CEMENT



BID #: 4827 AFE#/PO#: 0

TYPE / PURPOSE OF JOB Cement- Surface SERVICE POINT Liberal, KS

CUSTOMER BROOKS RANGE CORP. WELL NAME MILLER 9 D

ADDRESS 3400 BAYAUD AVE SUITE 300 LOCATION TRIBUNE, KS

CITY DENVER STATE CO ZIP 80209 TYPE AND PURPOSE OF JOB Cement- Surface

DATE OF SALE 1/18/2022 COUNTY GREELEY STATE KS

Table with 7 columns: QTY., CODE, YD, UNIT, PUMPING AND EQUIPMENT USED, UNIT PRICE, AMOUNT. Rows include Mileage - Pickup, Mileage - Equipment, and Pumping Charge.

Subtotal for Pumping & Equipment Charges \$ 3,960.70

Table with 7 columns: QTY., CODE, YD, UNIT, MATERIALS, UNIT PRICE, AMOUNT. Rows include Plug Container, Auto Fill Tube, Insert Float, Top Rubber Plug, Centralizers, Calcium Chloride, Cello Flakes-Poly Flake, and Gel (Bentinite).

Subtotal for Material Charges \$ 2,147.34

Table with 4 columns: WORKERS, DISCOUNT, TOTAL, DISCOUNTED TOTAL. Includes names CHAD HINZ, JESSE PAXTON, ANGEL ARCHULETA and a 0% discount.

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

**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

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

Form 185-2c

1/18/22

CEMENTING JOB LOG

CEMENTING JOB LOG

Company: BROOKS RANGE CORP. **Well Name:** MILLER 9 D

Type Job: Cement- Surface **AFE #:**

CASING DATA				
Size:	Grade:		Weight:	
Casing Depths	Top:	Bottom:		
Drill Pipe:	Size:	Weight:		
Tubing:	Size:	Weight:	Grade:	TD (ft):
Open Hole:	Size:	T.D. (ft):		
Perforations	From (ft):	To:	Packer Depth(ft):	

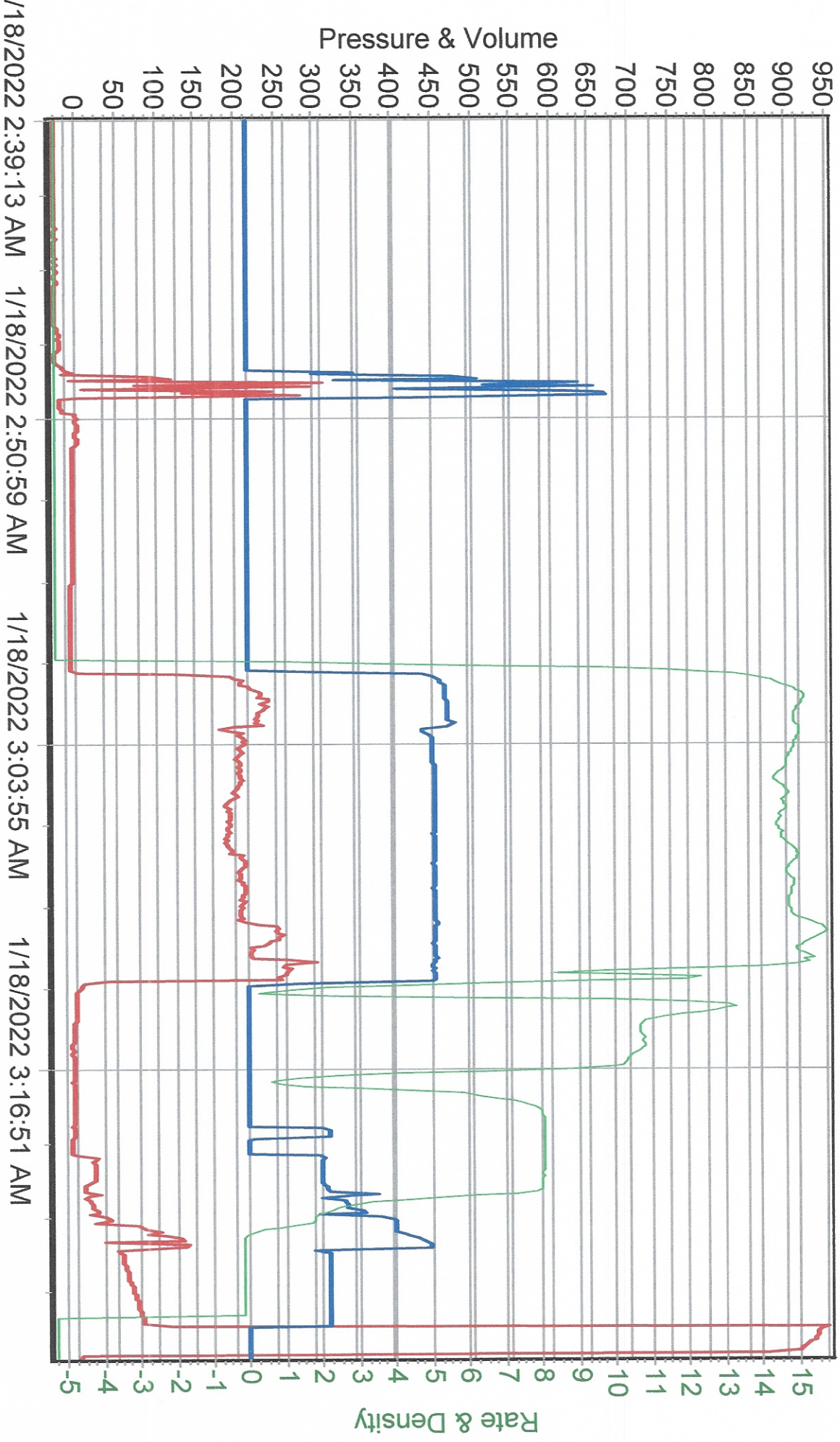
CEMENT DATA							
Spacer Type:							
Amt.		Sks Yield		ft ³ /sk		Density (PPG)	
LEAD:						Excess	
Amt.		Sks Yield		ft ³ /sk		Density (PPG)	
TAIL:		CLASS A 3%CaCl, 2%GEL, 1/4#POLY				Excess	
Amt.	205	Sks Yield	1.38	ft ³ /sk	283	Density (PPG)	14.8
WATER:							
Lead:		gals/sk:		Tail:	6.5	gals/sk:	32
Pump Trucks Used:		210 DP11					
Bulk Equipment:		228 660-20					
Disp. Fluid Type:	FRESH	Amt. (Bbls.)	16	Weight (PPG):	8.3		
Mud Type:				Weight (PPG):			

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

TIME AM/PM	PRESSURES PSI			FLUID PUMPED DATA		REMARKS
	Casing	Tubing	ANNULUS	TOTAL	RATE	
2000						ON LOC, SAFTEY MTG, R.U.
0300	205				5	START MIXING
0314				50.4		SHUT DOWN, DROP PLUG
0319	20				2	START DISPLACEMENT
0327	100-940			16		PLUG DOWN
0329						RELEASE PSI, FLOAT HELD
						JOB COMPLETE
						THANK YOU FOR YOUR BUSINESS!!!

BROOKS RANGE MILLER 9D 8 5/8

— Pressure 1 — Total Rate — Density





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FRACTURING / ACID / CEMENT

BID #: 4830 **AFE#/PO#:** 0

TYPE / PURPOSE OF JOB	Cement- Production	SERVICE POINT	Liberal, KS
CUSTOMER	Brooks Range Corporation	WELL NAME	Miller # 9D
ADDRESS	3400 E. Bayaud Ave. Suite 300	LOCATION	Greeley, Ks.
CITY Denver	STATE Colorado	ZIP 80209	TYPE AND PURPOSE OF JOB Cement- Production
DATE OF SALE 1/22/2021	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
290	1010	L	Mile	Mileage - Equipment Mileage - Per Mile	\$6.30	\$ 1,827.00
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 **\$ 4,291.45**

QTY.	CODE	YD	UNIT	MATERIALS	UNIT PRICE	AMOUNT
150	5630	L	Per Sack	Cement - Class A	\$16.54	\$ 2,481.00
210	5670	L	Per Sack	Cement - Lite - C	\$19.85	\$ 4,168.50
1	4300	L	Each	Auto Fill Shoe (Blue) 5 1/2"	\$396.90	\$ 396.90
1	4371	L	Each	Latch Down Plug & Baffle 5 1/2" Blue	\$420.00	\$ 420.00
10	4450	L	Each	Centralizers 5 1/2"	\$66.15	\$ 661.50
36	5694	L	Per Lb.	C-19 Light Weight Fluid Loss	\$12.25	\$ 441.00
71	5710	L	Per Lb.	C-15 Low Temp-Non Retarding Fluid Loss	\$11.25	\$ 798.75
3	5751	L	Per Gal.	C-41L Defoamer Liquid	\$46.31	\$ 138.93
300	5840	L	Per Lb.	Gel (Bentinite)	\$0.34	\$ 102.00
850	5850	L	Per Lb.	Gypsum	\$1.00	\$ 850.00
750	5860	L	Per Lb.	Kol-Seal	\$0.82	\$ 615.00
900	5890	L	Per Lb.	Salt	\$0.50	\$ 450.00
1	1020	L	Per Unit	Wait - After 4 hours	\$330.75	\$ 330.75

Subtotal for Material Charges **\$ 11,854.33**

WORKERS	TOTAL	\$
Daniel Beck	DISCOUNT: 10%	\$ 16,145.78
Angel Echevarria	DISCOUNT	\$ 1,614.58
Noel Leon	DISCOUNTED TOTAL	\$ 14,531.20

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

X [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.**



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Form 185-2c

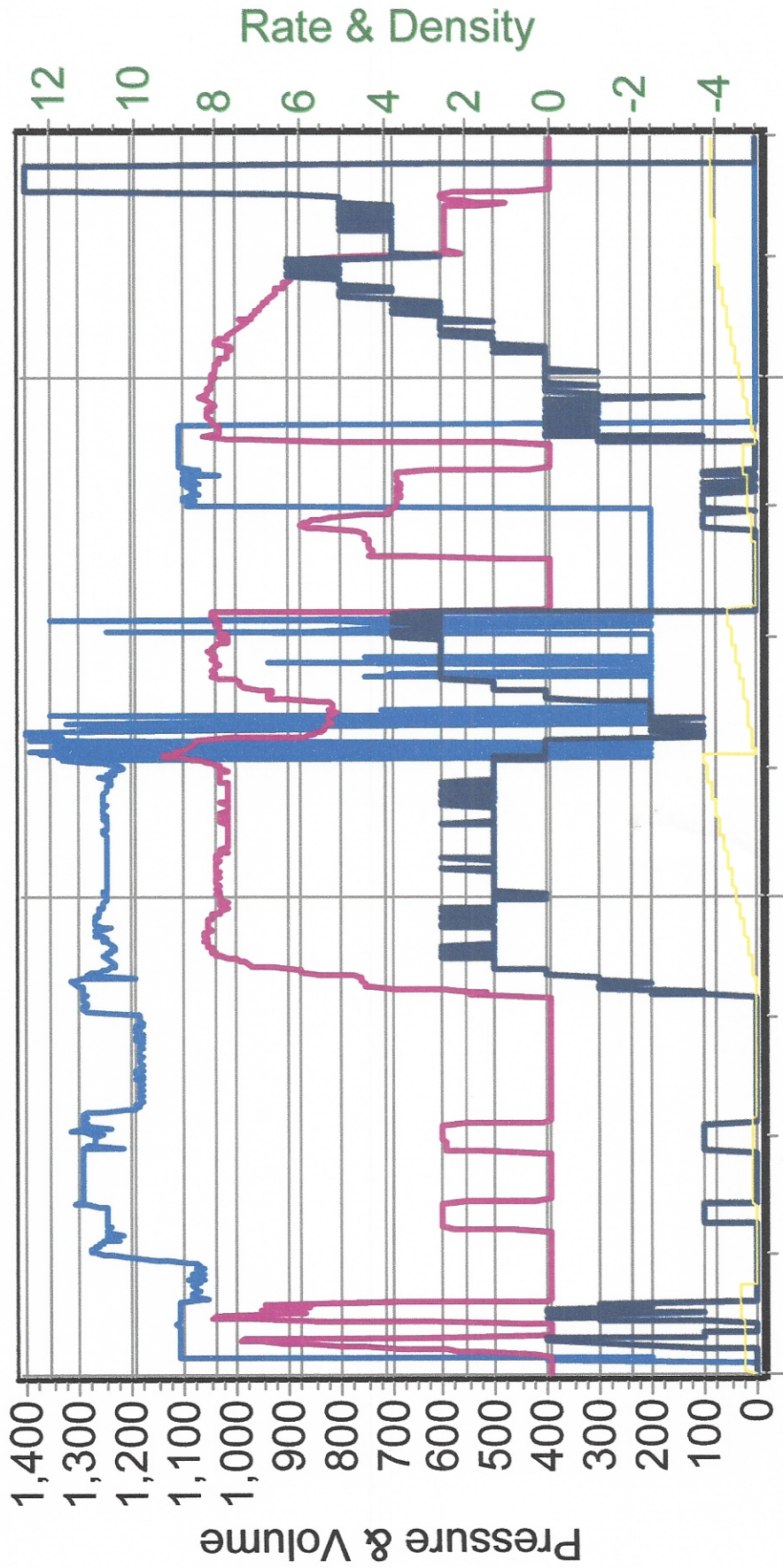
1/22/21

CEMENTING JOB LOG

CEMENTING JOB LOG

Company: Brooks Range Corporation			Well Name: Miller # 9D				
Type Job: Cement- Production			AFE #:				
CASING DATA							
Size:	5 1/2	Grade:		Weight:	15.5		
Casing Depths	Top:	Bottom:	3167				
Drill Pipe:	Size:	Weight:		Packer:			
Open Hole:	Size: 7 7/8	T.D. (ft):	3186	Perfs.:			
CEMENT DATA							
Spacer Type:							
Amt.		Sks Yield	0	ft³/sk	Density (PPG)		
LEAD:	Class C: 50/50Poz, 8% Gel, 0.2% C-19				Excess		
Amt.	210	Sks Yield	669.9	ft³/sk	3.19		
TAIL:	Class A: 6% Gyp., 10% Salt, 2% Gel, 5# Kol-Seal, 0.5% C-15				Excess		
Amt.	150	Sks Yield	235.5	ft³/sk	1.57		
WATER:							
Lead:	210	gals/sk:	20	Tail:	150		
		gals/sk:		gals/sk:	7		
				Total (bbls):	125.0		
Pump Trucks Used:	110, DP07						
Bulk Equipment:	229, 660-23						
Disp. Fluid Type:	Water (Supplied)	Amt. (Bbls.)	74.3	Weight (PPG):	8.33		
COMPANY REPRESENTATIVE: Gary			CEMENTER: Daniel Beck				
TIME	PRESSURES PSI			FLUID PUMPED DATA		REMARKS	
	AM/PM	Casing	Tubing	ANNULUS	TOTAL		RATE
2:00						ON LOCATION & SAFETY MEETING WAIT	
5:45						RIG TO CIRCULATE	
6:15						RIG TO PT	
6:19						PLUG RAT & MOUSE W/ 20SX	
6:33	450				107.9slurry	7.4	PUMP 190SX LEAD @ 10.7#
6:45	410				41.9slurry	6.9	PUMP 150SX TAIL @ 14.8#
6:53							SHUTDOWN / DROP PLUG /WP
7:02	370				10	8.0	DISPLACE
	380				20	8.0	
	410				30	8.1	
	540				40	8.0	
	640				50	7.1	
	780				60	6.6	
7:13	810				64	6.0	SLOW RATE TO 2.1BPM @ 700PSI
	720				70	2.5	
7:16	780				74.3	2.5	LAND PLUG / PRESSURE UP TO PSI
7:18							RELEASE BACK --- PLUG HELD
							JOB COMPLETE
Company:	Brooks Range Corporation			Well Name:	Miller # 9D		
Type Job:	Cement- Production			AFE #:			
Date:	1/22/2021	CEMENTING JOB LOG		QUASAR ENERGY SERVICES, INC. 185-2			

Brooks Range Corporation Miller 9D



1/22/2022 6:09:52 AM 1/22/2022 6:36:19 AM 1/22/2022 7:05:18 AM

