KOLAR Document ID: 1563929

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 #	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: ()	□NE □NW □SE □SW
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:
☐ Oil ☐ WSW ☐ SWD	Elevation: Ground: Kelly Bushing:
☐ Gas ☐ DH ☐ EOR	Total Vertical Depth: Plug Back Total Depth:
☐ OG ☐ GSW	Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane)	
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)
Described	Chloride content: ppm Fluid volume: bbls
☐ Commingled Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Location of fluid disposal if flauled offsite.
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R
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 Approved by: Date:							

KOLAR Document ID: 1563929

Page Two

Operator Name:					Lease Nam	ne:			Well #:	
Sec Tw	rpS	S. R	Eas	st West	County:					
	l, flowing an	d shut-in pres	sures, wh	ether shut-in pre	ssure reached	static	level, hydrostat	ic pressures, bo		val tested, time tool erature, fluid recovery,
Final Radioactivi files must be sub							gs must be emai	led to kcc-well-l	ogs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests (Attach Addit)		Yes No		Lo		n (Top), Depth a		Sample
Samples Sent to	Geological	Survey		Yes No		Name			Тор	Datum
Cores Taken Electric Log Run Geologist Report List All E. Logs F	t / Mud Log	s		Yes No Yes No Yes No						
			Rep	CASING	RECORD [Nev		on, etc.		
Purpose of St	tring	Size Hole Drilled		Size Casing let (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
				ADDITIONAL	CEMENTING /	SQUE	EEZE RECORD		<u>'</u>	
Purpose: Perforate		Depth Top Bottom	Тур	pe of Cement	# Sacks Use	ed Type and Percent Additives				
Protect Ca										
Plug Off Z										
Did you perform Does the volume Was the hydraul	e of the total	base fluid of the	hydraulic	fracturing treatment		-	Yes yes Yes	No (If No, s	kip questions 2 ar kip question 3) ill out Page Three	
Date of first Produ Injection:	ction/Injection	n or Resumed P	roduction/	Producing Meth	od:		Gas Lift O	ther <i>(Explain)</i>		
Estimated Product Per 24 Hours		Oil	Bbls.		Mcf	Water			Gas-Oil Ratio	Gravity
DISPO	OSITION OF	GAS:		N	METHOD OF CO	MPLET	ΓΙΟΝ:			DN INTERVAL: Bottom
Vented		Used on Lease		Open Hole		Dually (Submit A		nmingled nit ACO-4)	Тор	BOLLOTTI
,	ed, Submit AC							·		
Shots Per Foot	Perforation Top	on Perfor Bott		Bridge Plug Type	Bridge Plug Set At		Acid,		ementing Squeeze and of Material Used)	
TUBING RECORI	D: S	Size:	Set A	: -	Packer At:					

Form	ACO1 - Well Completion						
Operator	BEREXCO LLC						
Well Name	HUSEMAN 3-18						
Doc ID	1563929						

All Electric Logs Run

Dual Induction
Density/Neutron
Microlog
Triple Combo

Form	ACO1 - Well Completion						
Operator	BEREXCO LLC						
Well Name	HUSEMAN 3-18						
Doc ID	1563929						

Perforations

Shots Per Foot	Perforation Top	Perforation Bottom	BridgePlugTyp e	BridgePlugSet At	Material Record
4	4570	4572			350 gal 15% MCA w/ 2% RAS-10, retreat w/ 500 gal 15% NEFE-HCL w/ 2% RAS-10
4	4512	4514			
4	4532	4539			750 gal 15% MCA w/ 2% RAS-10
4	4353	4355			250 gal 15% MCA w/ 2% RAS-10
4	4292	4294			Treated 4292- 4294' and 4305-4308' w/ 750 gal 15% MCA w/ 2% RAS-10
4	4305	4308			

Form	ACO1 - Well Completion						
Operator	BEREXCO LLC						
Well Name	HUSEMAN 3-18						
Doc ID	1563929						

Casing

12.25 7.825	8.625	24	304	Class C	250	2% CC,
7.825						1/4# Celloflake
	5.5	15.5	2227	65/35 Poz (Lead), Thixotropi c (Tail)	410	6% gel, 1/4# celloflake
7.825	5.5	15.5	4659	65/35 Poz (Lead), Thixotropi c (Tail)		6% gel, 1/4# Celloflake (Lead), 10% gyp, 10% salt, 5# gilsonite, 0.5% fluid loss, 0.25# defoamer (Tail)
7	7.825	7.825 5.5	7.825 5.5 15.5	7.825 5.5 15.5 4659	7.825 5.5 15.5 4659 65/35 Poz (Lead), Thixotropi	7.825 5.5 15.5 4659 65/35 Poz (Lead), Thixotropi c (Tail)



CEMENTING JOB LOG

QUASAR ENERGY SERVICES, INC.

3288 FM 51

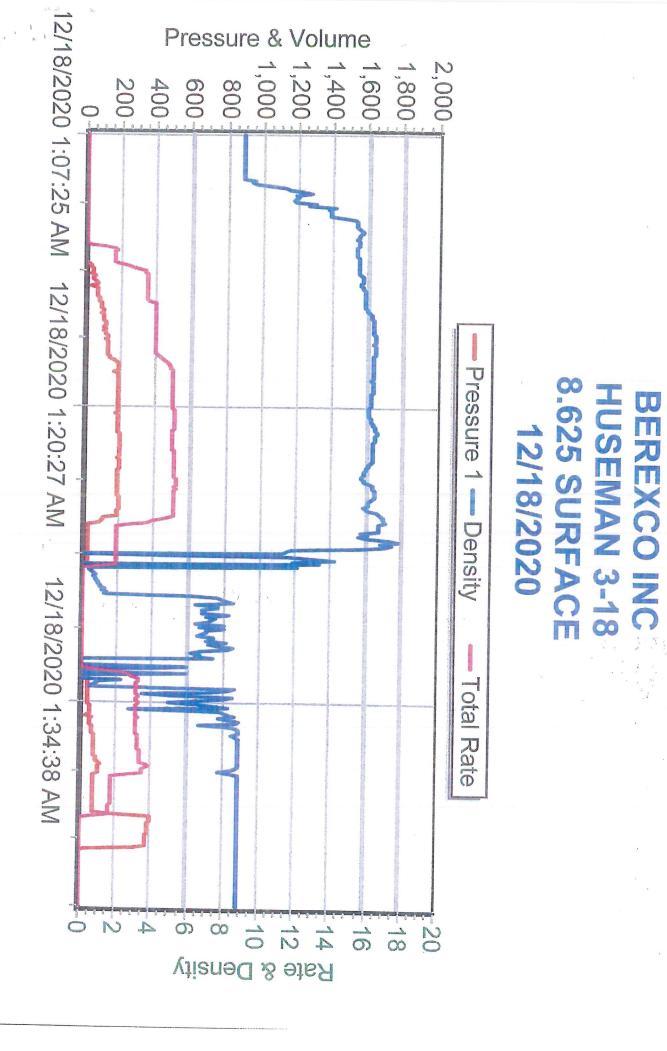
Gainesville, Texas 76240 Office: 940-612-3336

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

Form 185-2c

12/17/20 CEMENTING JOB LOG

Company:	BEREX	COINC	ta mike Egenerati daka daka daga sa			The state of the s	Well Name	e. HIISEMAN	1#210		
Type Job:	Cemen	well Name: HUSEMAN # 3-18 ent- Surface AFE #:									
		Action and the second discussion of the second	*** Ønt ********************************		W	CASIN	G DATA				
				J-55	Weigh	t:		24			
Casing Dep	ths	Тор:		Bot	tom:			PALAGORE WAS COMMENTED TO SERVICE OF THE SERVICE OF			
Drill Pipe:		Size:		We	ight:						
Tubing:		Size: Weight: Grade:			a:	T	D (ft):	205			
Open Hole:		Size: 1	2 1/4							U (IL).	305
Perforation	S	From (fi):	and a second second	То	•	Packe	r Depth(ft):	Charles Control Control Control		
		-		Protection of the Party of the	Control of the Control	CEMEN	T DATA	The second secon	· ·		
Spacer '	Гуре:							* *************************************			
Amt.		Sks Yield				$ft^3/_{sk}$			De	nsity (PPG)	
LEAD:		CLA	SS _C	2% CC	, 1/4	# CELLOFL/	AKE			Excess	
Amt.	250			1.34		ft ³ / _{sk}			Do		140
TAIL:			L		<u> </u>	, 24			De	nsity (PPG)	14.8
Amt.		Sks Yield				ft ³ / _{sk}			D -	Excess	
WATER	:			·····	L	re / sk			De	nsity (PPG)	
Lead:		gals/sk:	6.	.35	Tail:		gals/sk:	T	7-1-	1/1/1/	
Pump Trucks	Used:		L	·			110 1	DP7	TOTA	ıl (bbls):	
Bulk Equipm				***************************************	****		228 66				
Disp. Fluid T	ype:	FRESH WA	TER		Amt.	(Bbls.)	18		(PPG)		0 72
Mud Type:						18 Weight (PPG): 8.33 Weight (PPG):			8.33		
COMPANY	REPRESE	ENTATIVE:				· · · · · · · · · · · · · · · · · · ·	C	EMENTER: K		ADDED	
TIME		PRESSU	DEC DC	1				tions, and the same of the sam	WOLLS.	MATEN	
AM/PM	Casir		bing	ANNU	HLIC		MPED DATA	4		REMARKS	
2200	Cubii	16 14	ville	AINING	2003	TOTAL	RATE	-			
0030						****		ON LOCATI	<u>ON SI</u>	POT AND RIC	G UP
0045					······		ļ	CASING ON	BOTTC	M BREAK	CIRC.
0105	1000							SAFETY MEETING			
0112	200					60	5	PRESSURE 7			
0128						00	13	START MIXI	NG 250	SK CLASS C	@ 14.8 PPG
0134	50					0	4			OP TOP PLU	
0137	200					10	2			WITH FRES	H WATER
0140	200-700		~			18		SLOW RATE		· · · · · · · · · · · · · · · · · · ·	N
0141	700-0						<u> </u>				
								INCLUASE PR	ESSURE	FLOAT HI	ELD
4						15		CIRCULATE	CENTENI	T TO THE DE	T*
								CINCOLATE	CLIVILIV	TIVIAEPI]
							 				
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j											



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







Date	Invoice #
1/12/2021	140084

Bill To

Berexco LLC 2020 North Bramblewood Wichita, KS 67206

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.

6100

Well

Huseman 3-18

Description	Quantity	Rate	Amount
Pickup Mileage Equipment Mileage Pump Charge Pump Charge Class H Cement Class A-Lite Cement Auto Fill Float Shoe Latch down plug & baffle DV Tool-5 1/2 Centralizers	70 210 1 1 200 580 1 1 1 1	3.15 6.00 1,575.00 1,814.40 18.90 15.75 378.00 819.00 6,552.00 63.00	220.50 1,260.00 1,575.00 1,814.40 3,780.00 9,135.00 378.00 819.00 6,552.00
Cement Baskets C-17 Defoamer Cello Flakes Gypsum Kol seal Salt Mud flush Subtotal Discount - 40%	3 95 3 145 1,880 1,350 1,181 420	289.80 10.71 44.10 2.52 0.95 0.78 0.32 1.26	869.40 1,017.45 132.30 365.40 1,786.00 1,053.00 377.92 529.20 32,483.57 -12,993.43
AG			per bid

Total \$19,490.14 Payments/Credits \$0.00 **Balance Due** \$19,490.14

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 | gesi@geserve.com



CEMENT

ACID BID#: AFE#/PO#: 0 3304 TYPE / PURPOSE OF JOB Cement- Production SERVICE POINT Liberal, KS CUSTOMER **BEREXCO INC** WELL NAME HUSEMAN 3-18 **ADDRESS** LOCATION SCOTT, KS CITY STATE ZIP TYPE AND PURPOSE OF JOB Cement-Production DATE OF SALE 1/8/2021 COUNTY SCOTT STATE KS QTY. CODE UNIT YD PUMPING AND EQUIPMENT USED **UNIT PRICE** AMOUNT 70 1000 Mile Mileage - Pickup - Per Mile \$3.15 \$ 220.50 210 1010 L Mile Mileage - Equipment Mileage - Per Mile \$6.00 \$ 1,260.00 5440 1 Per Well Pumping Charge 0'-3500' \$1,575.00 \$ 1,575.00 1 5470 Per Well Pumping Charge 4501'-5000' \$1,814.40 \$ 1,814.40 Subtotal for Pumping & Equipment Charges \$ 4,869.90 CODE YD QTY. UNIT MATERIALS **UNIT PRICE AMOUNT** 200 5640 L Per Sack Cement - Class H \$18.90 \$ 3,780.00 580 5660 L Per Sack Cement - Lite - A \$15.75 9,135.00 \$ 4300 Each Auto Fill Shoe (Blue) 5 1/2" \$378.00 \$ 378.00 1 4370 Each Latch Down Plug & Baffle 5 1/2" 819.00 \$819.00 \$ 1 4380 Each D.V. Tool (Red) 5 1/2" \$6,552.00 \$ 6,552.00 13 4450 Each Centralizers 5 1/2" \$63.00 \$ 819.00 3 4470 Each Cement Basket 5 1/2" 869.40 \$289.80 \$ 95 5693 Per Lb. C-17 Fluid Loss \$10.71 1,017.45 \$ 3 5751 Per Gal. C-41L Defoamer Liquid L \$44.10 \$ 132.30 145 5800 Per Lb. Cello Flakes-Poly Flake 1/8" cut \$2.52 365.40 1,880 5850 Per Lb. Gypsum \$0.95 \$ 1,786.00 Kol-Seal 1,350 5860 L Per Lb. \$0.78 \$ 1,053.00 1,181 5890 L Per Lb. Salt \$0.32 \$ 377.92 Mud Flush 420 5870 Per Gal. \$1.26 \$ 529.20 Subtotal for Material Charges 27,613.67 WORKERS TOTAL \$ 32,483.57 **CHAD HINZ DISCOUNT:** 40% DISCOUNT \$ 12,993.43 DANIEL BECK DISCOUNTED TOTAL \$ 19,490.14

MARC SCHUPMAN 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

*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.

CEMENTING JOB LOG

3288 FM 51

Gainesville, Texas 76240 Office: 940-612-3336

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

Form 185-2c

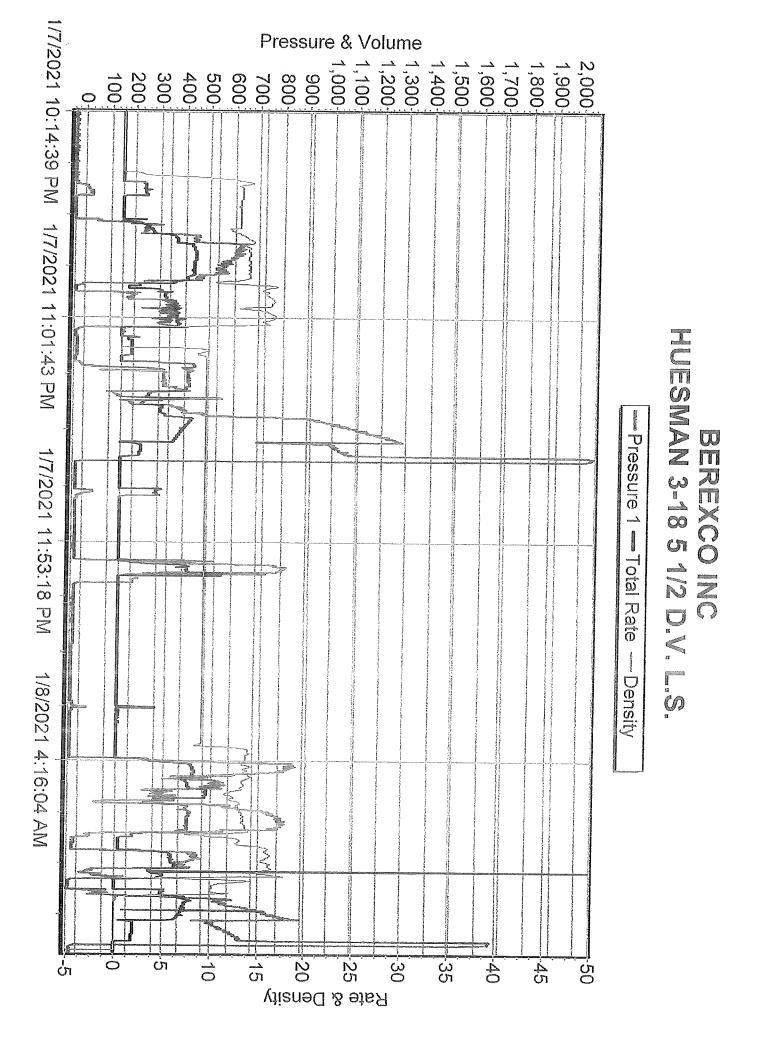
1/8/21 CEMENTING JOB LOG

Company: BEREXCO INC				Well Name: HUSEMAN 3-18							
Type Job:	: Cement- Production							AFE	#:		
							CASIN	G DATA		2000 100 100 100 100 100 100 100 100 100	
Size:	5 1	./2		G	Grade:		J-55	Weigh	t:	15.5	
Casing Dep	oths	Top:			Botto	om:					
Drill Pipe:		Size:			Weig						
Tubing:		Size:			Weig			Grade	e:	D (ft):	
Open Hole	and the Dissipation of the Control o	Size:		//	T.D. (Gwthia	And the second s			
Perforation	1S	Fro	m (ft):		TO SOUR ON THE SAME	To:			er Depth(ft): 2227.5	4 D.V. TOOL	
		1					CEMEN	T DATA			
Spacer							3.1	MUD F			
Amt.	420 GAL	Sks	Yield				$ft^3/_{sk}$		D	ensity (PPG)	8.4
LEAD:					CLASS A	***************************************				Excess	
Amt.	580	Sks '	Yield		1.97		ft ³ / _{sk}	***************************************	D-	ensity (PPG)	12.4
TAIL:		Y			CLAS					Excess	
Amt.	200	Sks \	Yield		1.58		ft ³ / _{sk}		D	ensity (PPG)	14.8
WATER	l	-									
Lead:	10.9	gals	/sk:			Tail:	6.9	gals/sk:	Tot	al (bbls):	
Pump Truck								210-D			
Bulk Equipr								30 660-24 / :			
Disp. Fluid	Гуре:	WATE	R/MU	D		4mt. ((Bbls.)		Weight (PPG):	8.3	/ 9.3
Mud Type:					*****				Weight (PPG):		
COMPAN	Y REPRESI	ENTAT	IVE:					C	EMENTER: CHAD I	HINZ	
TIME		PRI	ESSURI	ES PSI		Ī	FLUID PU	MPED DATA			
AM/PM	Casii	ng	Tubi	ng	ANNU	LUS	TOTAL	RATE	·	REMARKS	
1730							······································		ON LOC W/ F.E.		
1745						Ī			START CASING		
2100									ON BOTTOM BRE	AK CIRC	
2231									PLUG RH		
2240	240							3.2	PUMP MUD FLUS	H	
2244	640						10	7.3	START MIXING LE	AD @ 12.4#	
2255	200						77	4	ON TAIL AT 14.8#		
2306					*****		42		SHUT DOWN, DRO	OP PLUG, WAS	HUP
2311	300							7.4	START DISPLACEN	TENT	
2321	100		************			!	52	4	ON MUD		
2330	1000							2	SLOW RATE		
2333	2050						105		PLUG DOWN		
2335	900							7.0	RELEASE PSI DROI	BOMB	
2357	800						5	7.3	OPEN TOOL	S A LIDG	
000 0416	850					_		7.6	HOOK TO RIG CIRC	·····	
0436	470						126	7.6 5.8	START LEAD @ 12	.4#	
0443	470						14	3.6	ON TAIL AT 14.8#	אוווס מר	
0445	720					+	L' 1	7.4	SHUT DOWN , DRO		ONDUIC
0452	550						13	2	SLOW RATE	LIVI WASHUP	ON PLUG
0457	1660		**				53	_	PLUG DOWN, TOO	I CLOSED	
0500	12000					_	, ,		RELEASE PSI, JOB (
	I	1		1		ı		1	INCLEMBE F31, JUD (CONFETE	1

TIME	Р	RESSURES PS	SI	FLUID PU	MPED DATA	
AM/PM	Casing	Tubing	ANNULUS	TOTAL	RATE	REMARKS
				30		CIRC CEMENT TO SURFACE
-intrastrutura (n. 1971)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
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		n in the second	CONTRACTOR	This si			
Company:	BEREXCO INC				Nell Name:	HUSEMAN 3-18	

TIME	PF	PRESSURES PSI			MPED DATA	DEMARKS	
AM/PM	Casing	Tubing	ANNULUS	ANNULUS TOTAL RATE		REMARKS	
Type Job:	Cement- Prod	Cement- Production			AFE #:		
Date:	CEMENTING JOB LOG					QUASAR ENERGY SERVICES, INC. 185-2	





SEC: 18 TWN: 18S RNG: 31W

County: SCOTT State: Kansas

Drilling Contractor: Southwind Drilling,

Inc - Rig 1

Elevation: 2958 GL Field Name: Beckley Pool: Infield Job Number: 467 API #: 15-171-21269

Operation:

Uploading recovery & pressures

DATE January

03 2021

DST #1 Formation: Lans B

Test Interval: 3958 -

Total Depth: 3968'

3968'

Time On: 19:46 01/03 Time Off: 04:58 01/04

Time On Bottom: 22:06 01/03 Time Off Bottom: 02:36 01/04

Electronic Volume Estimate:

26'

1st Open Minutes: 30 Current Reading:

1" at 30 min

Max Reading: 1"

1st Close Minutes: 60 Current Reading:

0" at 60 min

Max Reading: 0"

2nd Open Minutes: 60

Current Reading:

1.25" at 60 min

Max Reading: 1.4"

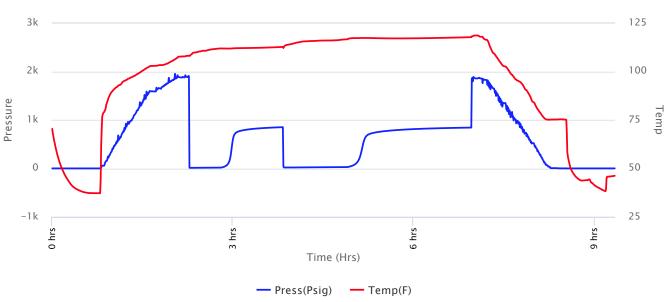
2nd Close Minutes: 120

Current Reading:

0" at 120 min

Max Reading: 0"

Inside Recorder





SEC: 18 TWN: 18S RNG: 31W

County: SCOTT State: Kansas

Drilling Contractor: Southwind Drilling,

Inc - Rig 1

Elevation: 2958 GL Field Name: Beckley Pool: Infield Job Number: 467 API#: 15-171-21269

Operation:

Uploading recovery & pressures

> **DATE** January 03 2021

DST #1 Formation: Lans B Test Interval: 3958 -Total Depth: 3968' 3968'

Time On: 19:46 01/03 Time Off: 04:58 01/04

Time On Bottom: 22:06 01/03 Time Off Bottom: 02:36 01/04

Recovered

<u>Foot</u>	<u>BBLS</u>	Description of Fluid	<u>Gas %</u>
10	0.1423	G	100
13	0.18499	0	0
40	0.5692	HMCO	0

Gas %	<u>Oil %</u>	Water %	Mud %
100	0	0	0
0	100	0	0
0	50	0	50

Total Recovered: 63 ft

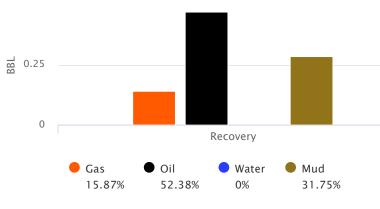
Total Barrels Recovered: 0.89649

Reversed Out
NO

Initial Hydrostatic Pressure	1883	PSI
Initial Flow	11 to 17	PSI
Initial Closed in Pressure	850	PSI
Final Flow Pressure	19 to 26	PSI
Final Closed in Pressure	841	PSI
Final Hydrostatic Pressure	1885	PSI
Temperature	118	°F
Pressure Change Initial	1.0	%

GIP cubic foot volume: 0.79894 Close / Final Close

Recovery at a glance





Operation:

Uploading recovery &

pressures

Company: Berexco, LLC Lease: Huseman #3-18

SEC: 18 TWN: 18S RNG: 31W

County: SCOTT State: Kansas

Drilling Contractor: Southwind Drilling,

Inc - Rig 1

Elevation: 2958 GL Field Name: Beckley Pool: Infield

Job Number: 467 API #: 15-171-21269

DATE

January 03 2021

Formation: Lans B

Test Interval: 3958 -

Total Depth: 3968'

3968'

Time On: 19:46 01/03 Time Off: 04:58 01/04

Time On Bottom: 22:06 01/03 Time Off Bottom: 02:36 01/04

BUCKET MEASUREMENT:

1st Open: 1/4" Blow. Built to 1 inch in 30 mins

DST #1

1st Close: NOBB

2nd Open: WSB. Built to 1 1/2 inches in 60 mins

2nd Close: NOBB

REMARKS:

Do to the thick oil it didn't grind out well.

Tool Sample: 0% Gas 90% Oil 0% Water 10% Mud

Gravity: 22.7 @ 60 °F



Operation:

Uploading recovery &

Company: Berexco, LLC Lease: Huseman #3-18

SEC: 18 TWN: 18S RNG: 31W

County: SCOTT State: Kansas

Drilling Contractor: Southwind Drilling,

Inc - Rig 1

Elevation: 2958 GL Field Name: Beckley Pool: Infield Job Number: 467 API #: 15-171-21269

pressures

DATE

January

03

2021

DST #1 Formation: Lans B

Test Interval: 3958 -

Total Depth: 3968'

3953 FT

3968'

Time On: 19:46 01/03

Time Off: 04:58 01/04

Time On Bottom: 22:06 01/03 Time Off Bottom: 02:36 01/04

Down Hole Makeup

Heads Up: 14.77 FT Packer 1:

Drill Pipe: 3940.2 FT **Packer 2:** 3958 FT

ID-3 1/2

Top Recorder: 3942.42 FT

Weight Pipe: FT Bottom Recorder: 3960 FT

ID-2 7/8

Collars: 0 FT Well Bore Size: 7 7/8

ID-2 1/4 Surface Choke: 1"

Test Tool: 33.57 FT Bottom Choke: 5/8"

ID-3 1/2-FH

Jars

Safety Joint

Total Anchor: 10

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): FT

4 1/2-FH

Change Over: FT

Drill Pipe: (in anchor): FT

ID-3 1/2

Change Over: FT

Perforations: (below): 9 FT

4 1/2-FH



SEC: 18 TWN: 18S RNG: 31W

County: SCOTT State: Kansas

Drilling Contractor: Southwind Drilling,

Inc - Rig 1 Elevation: 2958 GL

Field Name: Beckley Pool: Infield Job Number: 467 API #: 15-171-21269

Operation:

Uploading recovery & pressures

DATE

January **03**

2021

DST #1 Formation: Lans B

Test Interval: 3958 -

Total Depth: 3968'

3968'

Time On: 19:46 01/03

Time Off: 04:58 01/04

Time On Bottom: 22:06 01/03 Time Off Bottom: 02:36 01/04

Mud Properties

Mud Type: Chem Weight: 8.9 Viscosity: 50 Filtrate: 6.4 Chlorides: 1200 ppm



Operation:

Uploading recovery &

pressures

Company: Berexco, LLC Lease: Huseman #3-18

SEC: 18 TWN: 18S RNG: 31W

County: SCOTT State: Kansas

Drilling Contractor: Southwind Drilling,

Inc - Rig 1 Elevation: 2958 GL

Field Name: Beckley Pool: Infield Job Number: 467 API #: 15-171-21269

DATE

January

03 2021

DST #1 Formation: Lans B

Test Interval: 3958 -

Total Depth: 3968'

3968'

Time On: 19:46 01/03 Time Off: 04:58 01/04

Time On Bottom: 22:06 01/03 Time Off Bottom: 02:36 01/04

Gas Volume Report

1st Open 2nd Open

Time	Orifice	PSI	MCF/D	Time	Orifice	PSI	MCF/D



SEC: 18 TWN: 18S RNG: 31W

County: SCOTT State: Kansas

Drilling Contractor: Southwind Drilling,

Inc - Rig 1

Elevation: 2958 GL Field Name: Beckley Pool: Infield Job Number: 467 API #: 15-171-21269

Operation:

Uploading recovery & pressures

DATE

January **04**

2021

DST #2 Forn

Formation: Lans E

Test Interval: 4020 -

Total Depth: 4028'

4028'

Time On: 14:30 01/04 Time Off: 23:35 01/04

Time On Bottom: 16:11 01/04 Time Off Bottom: 20:41 01/04

Electronic Volume Estimate:

247'

1st Open Minutes: 30 Current Reading:

11.2" at 30 min

Max Reading: 11.2"

1st Close Minutes: 60 Current Reading:

0" at 60 min

Max Reading: .2"

2nd Open Minutes: 60

Current Reading:

11" at 60 min

Max Reading: 11"

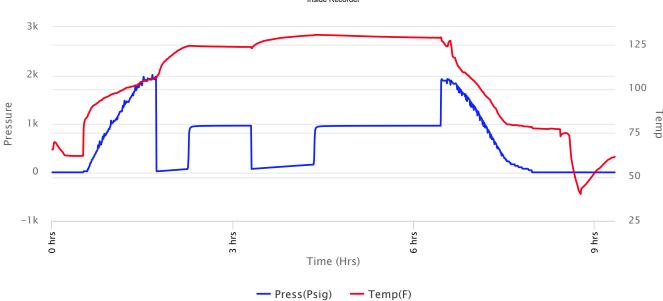
2nd Close Minutes: 120

Current Reading:

0" at 120 min

Max Reading: .5"

Inside Recorder





SEC: 18 TWN: 18S RNG: 31W

County: SCOTT State: Kansas

Drilling Contractor: Southwind Drilling,

Inc - Rig 1

Elevation: 2958 GL Field Name: Beckley Pool: Infield Job Number: 467 API #: 15-171-21269

Operation:

Uploading recovery & pressures

> **DATE** January 04 2021

DST #2 Formation: Lans E Test Interval: 4020 -Total Depth: 4028' 4028'

> Time On: 14:30 01/04 Time Off: 23:35 01/04

Time On Bottom: 16:11 01/04 Time Off Bottom: 20:41 01/04

Recovered

<u>Foot</u>	<u>BBLS</u>	Description of Fluid
94	1.33762	G
161	2.29103	0
59	0.83957	SLOCHWCM
126	1.79298	SLOCSLMCW

Gas %	<u>Oil %</u>	Water %	<u>Mud %</u>
100	0	0	0
0	100	0	0
0	5	30	65
0	5	80	15

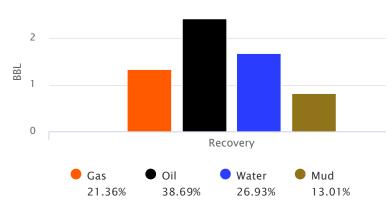
Total Recovered: 440 ft

Total Barrels Recovered: 6.2612

Reversed Out
NO

Initial Hydrostatic Pressure	1912	PSI
Initial Flow	22 to 68	PSI
Initial Closed in Pressure	963	PSI
Final Flow Pressure	71 to 161	PSI
Final Closed in Pressure	962	PSI
Final Hydrostatic Pressure	1907	PSI
Temperature	131	°F
Pressure Change Initial	0.1	%
Close / Final Close		

Recovery at a glance



GIP cubic foot volume: 7.51007



SEC: 18 TWN: 18S RNG: 31W

County: SCOTT State: Kansas

Drilling Contractor: Southwind Drilling,

Inc - Rig 1 Elevation: 2958 GL

Field Name: Beckley Pool: Infield Job Number: 467

API #: 15-171-21269

Uploading recovery & pressures

Operation:

DST #2

Formation: Lans E

Test Interval: 4020 -

Total Depth: 4028'

4028'

Time On: 14:30 01/04

Time Off: 23:35 01/04

Time On Bottom: 16:11 01/04 Time Off Bottom: 20:41 01/04

BUCKET MEASUREMENT:

DATE

January

04

2021

Diesel in Bucket

1st Open: 1/4" Blow. Built to 11 1/4 inches in 30 mins

1st Close: 1/4" Blow Back

2nd Open: WSB. Built to 11 inches in 60 mins

2nd Close: 1/2" Blow Back

REMARKS:

Tool Sample: 0% Gas 10% Oil 90% Water 0% Mud

Gravity: 24.1 @ 60 °F

Ph: 7

Measured RW: 2.2 @ 35 degrees °F

RW at Formation Temp: 0.667 @ 131 °F

Chlorides: 30000 ppm



County: SCOTT State: Kansas

Drilling Contractor: Southwind Drilling,

SEC: 18 TWN: 18S RNG: 31W

Inc - Rig 1

Elevation: 2958 GL Field Name: Beckley Pool: Infield Job Number: 467 API#: 15-171-21269

Operation:

Uploading recovery & pressures

DATE

January

04

2021

Formation: Lans E

Test Interval: 4020 -

Total Depth: 4028'

4028'

Time On: 14:30 01/04

Time Off: 23:35 01/04

Time On Bottom: 16:11 01/04 Time Off Bottom: 20:41 01/04

Down Hole Makeup

Heads Up: 16.27 FT Packer 1: 4015 FT

Packer 2: 4020 FT

Drill Pipe: 4003.7 FT

DST #2

ID-3 1/2

Top Recorder: 4004.42 FT

Weight Pipe: FT ID-2 7/8

Bottom Recorder:

4022 FT

Collars:

Well Bore Size: 7 7/8

ID-2 1/4

Surface Choke: 1"

Test Tool: 33.57 FT

0 FT

Bottom Choke: 5/8"

ID-3 1/2-FH

Jars

Safety Joint

Total Anchor:

Anchor Makeup

Packer Sub: 1 FT

FT Perforations: (top):

4 1/2-FH

Change Over:

Drill Pipe: (in anchor): FT

ID-3 1/2

Change Over: FT

Perforations: (below): 7 FT 4 1/2-FH



SEC: 18 TWN: 18S RNG: 31W

County: SCOTT State: Kansas

Drilling Contractor: Southwind Drilling,

Inc - Rig 1

Elevation: 2958 GL Field Name: Beckley Pool: Infield Job Number: 467 API #: 15-171-21269

Operation:

Uploading recovery & pressures

DATE

January

04

2021

DST #2

Formation: Lans E

Test Interval: 4020 -

Total Depth: 4028'

4028'

Time On: 14:30 01/04

Time Off: 23:35 01/04

Time On Bottom: 16:11 01/04 Time Off Bottom: 20:41 01/04

Mud Properties

Mud Type: Chem Weight: 9 Viscosity: 52 Filtrate: 6.4 Chlorides: 1800 ppm



Operation:

Uploading recovery &

pressures

Company: Berexco, LLC Lease: Huseman #3-18

SEC: 18 TWN: 18S RNG: 31W

County: SCOTT State: Kansas

Drilling Contractor: Southwind Drilling,

Inc - Rig 1 Elevation: 2958 GL

Field Name: Beckley Pool: Infield Job Number: 467 API #: 15-171-21269

DATE

January **04**

2021

DST #2 Formation: Lans E

Test Interval: 4020 -

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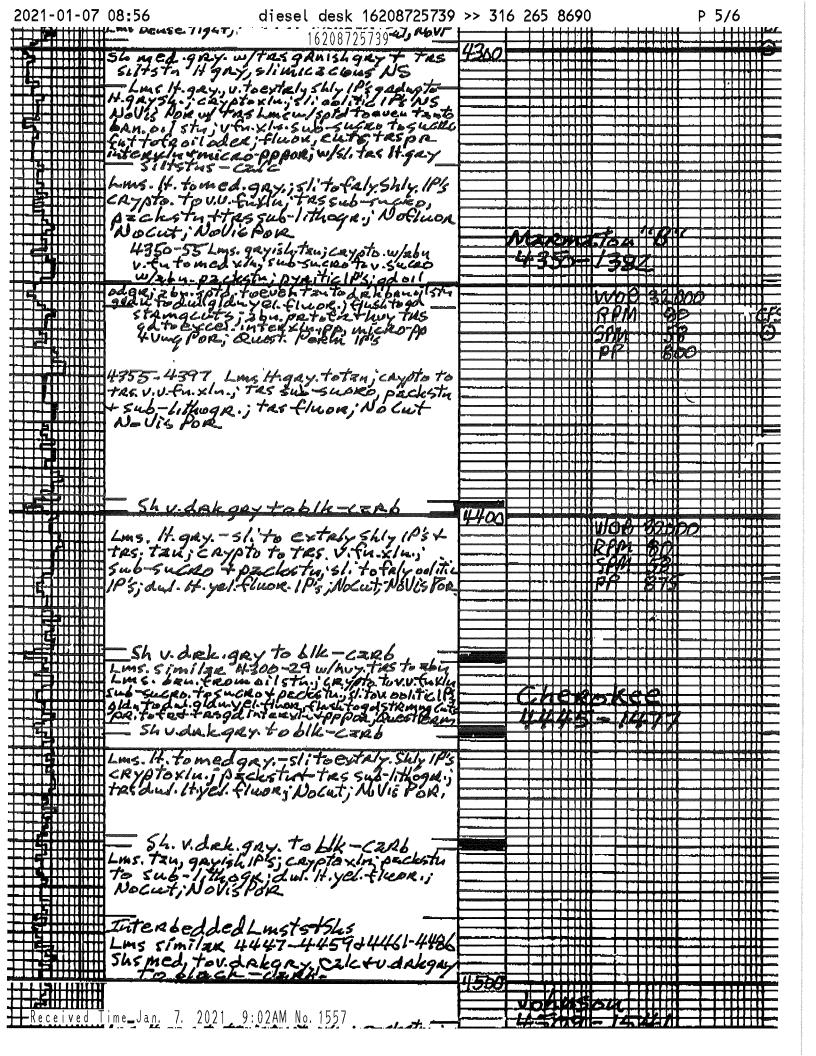
Gas Volume Report

1st Open 2nd Open

Time	Orifice	PSI	MCF/D	Time	Orifice	PSI	MCF/D

21-01-07 08:55 diesel desk 1620872	REPORT II	P 1/6
COMPANY BEREXCOLIC LEASE HUSEMAN NO. 3-18 LOCATION 1423'FNI & 2975'FFI SEC. 18 TWP 185 RNG. 31W COUNTY Scott STATE Kansas FIELD Beckley CONTRACTOR Southwind Delg. Rig#/ COMM. 12-17-2020 COMP. 1-7-2021 RTD 4660 LTD No. of DST'S 2 No. of CORES None SAMPLES SAVED FROM 3700 TO DRILLING TIME KEPT FROM 3700 TO GEOLOGICAL SUPERVISION FROM 3700 GEOLOGIST ON WELL Edwin H. GRIEV FORMATION TOPS	ELEVATIONS KB 2968 DF 2966 GL 2958 MEASUREMENTS ARE ALL FROM KB CASING RECORD SE OF 304 / 250 x. OF W/ SX. EL. LOG TD TD TD TD TO TD	
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