#### KOLAR Document ID: 1412501

Confiden	tiality Re	quested:
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
				U LLAGE

OPERATOR: License #	API No.:
Name:	Spot Description:
Address 1:	
Address 2:	Feet from Dorth / 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:
Gas DH EOR	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 #:
	Quarter Sec TwpS. R East West
Spud Date orDate Reached TDCompletion Date orRecompletion DateRecompletion 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: 1412501

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.

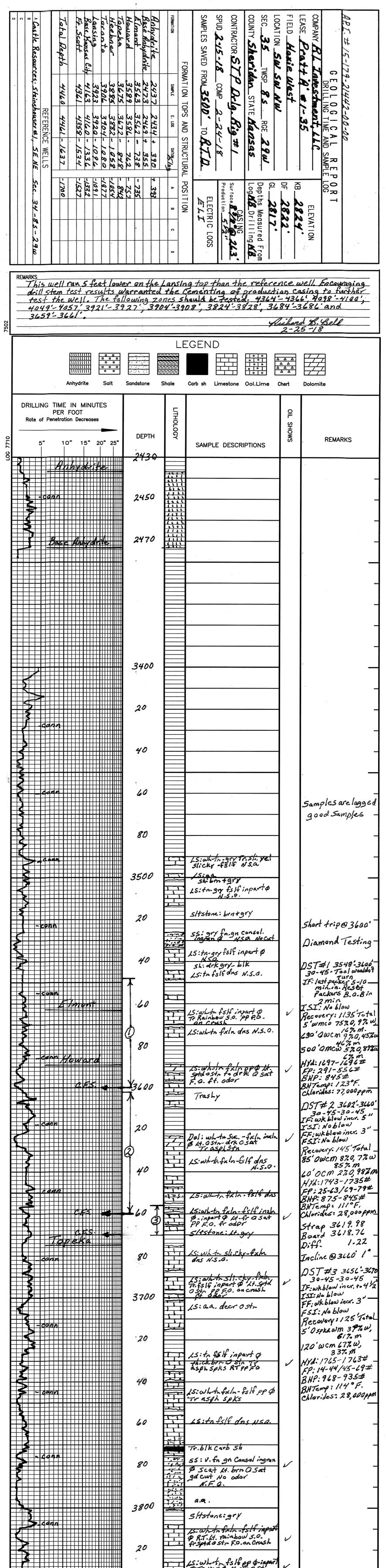
Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken (Attach Additional Sh	acate)	Y	′es 🗌 No			og Formatio	n (Top), Depth a	and Datum	Sample
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	Wate	er Bb	ls.	Gas-Oil Ratio	Gravity
DISPOSITIO	N OF GAS:		Ν	IETHOD OF COM	MPLE	TION:		PRODUCTIC Top	DN INTERVAL: Bottom
Vented Sold (If vented, Subn	Used on Lease		Open Hole		-	·	nit ACO-4)	юр	Bollom
	foration Perform Top Botto		Bridge Plug Type	Bridge Plug Set At		Acid,		ementing Squeezend of Material Used)	
TUBING RECORD:	Size:	Set At:		Packer At:					

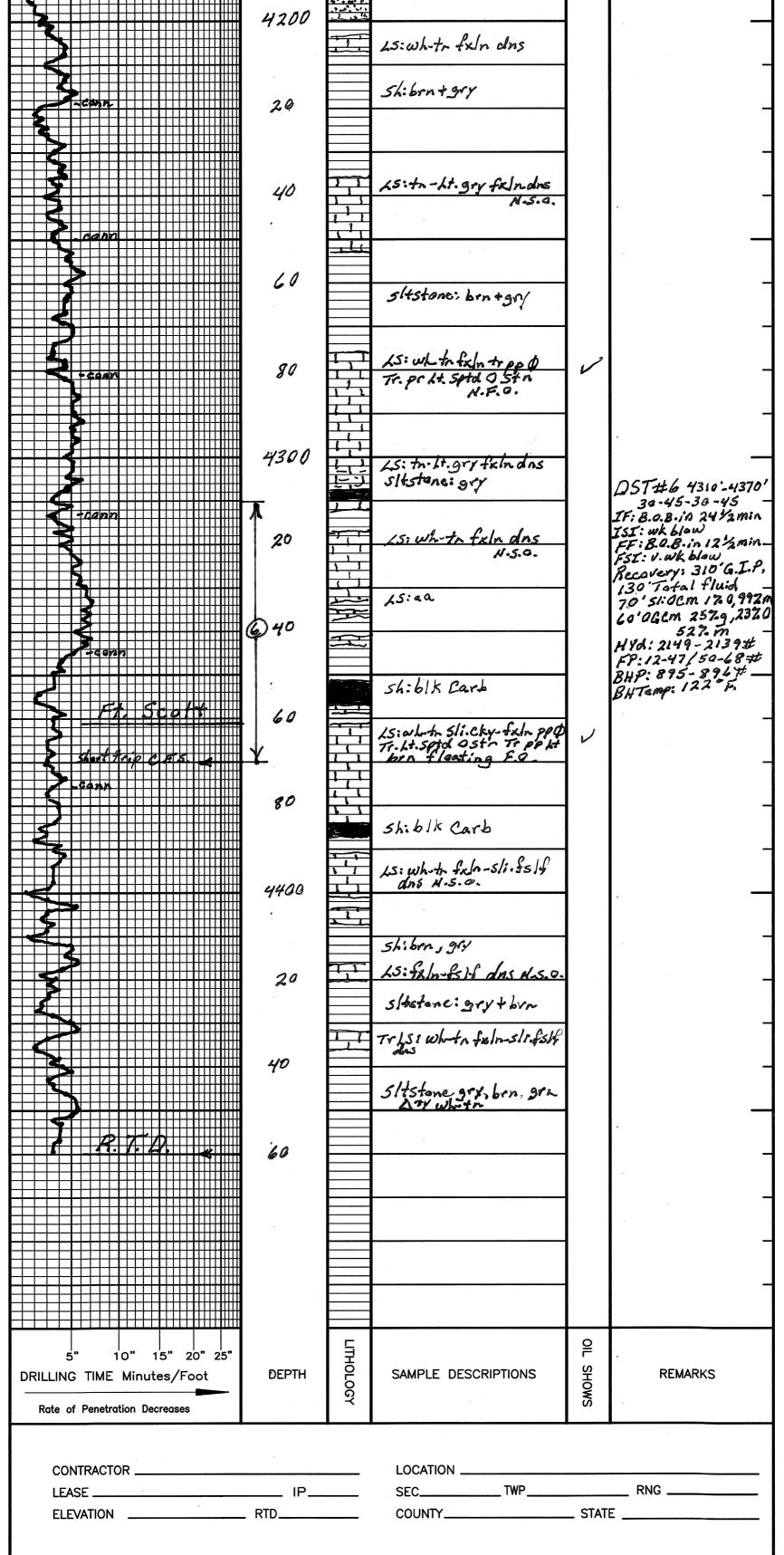
Form	ACO1 - Well Completion
Operator	RL Investment, LLC
Well Name	PRATT A 1-35
Doc ID	1412501

## Casing

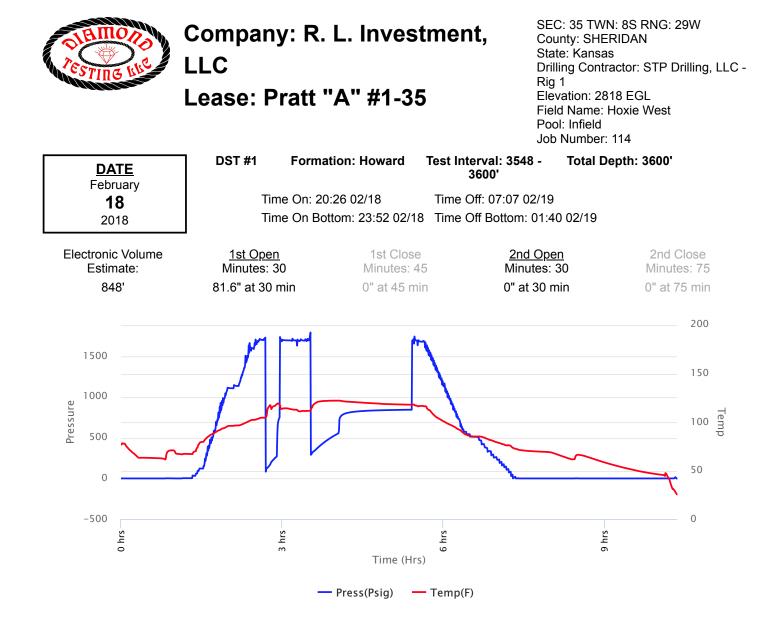
Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.25	8.625	20	263	common		3% CC 2%gel
Production	7.875	5.5	15.5	4458	Class A	180	60/40 poz



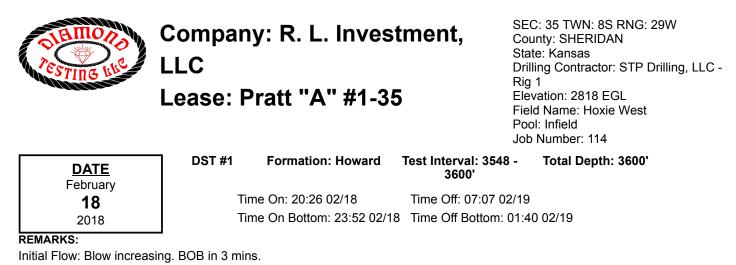
15: what follop & iapart OTT. Vay & H. Frostn F.C. on crush Trace blk Carb Sh 40 LS: whith full od - subad / Tr floating F.Q. 15: Wh-tn fxln-fslf F.O. sour odor 1 60 Ls: the gry fs of das sty 27. gry D5T#4 3884-3937' 30-45-30-45 80 LS: th - gry fuln das shiblk Carb IF: wk incr to 6 1/2 ISI : Surface blow 15: In folf das FF: Surface blow FSI: Surface blow Recovery 120°0cm 5/tstane: gry thrm 3900 2%0,98% M HYd: 1916-1904# LS: fnfslf pp\$ Lt. 0 Sat Trpp F.O. asph stn V FP: 43-528/533-548 Ű BHP: 546-550# BHTemp: 114°F. 5/tstone: brn 20 LS: this is in part \$ 79 F.O. Flodor V A CANN 40 sitstanc: ben AS: fn fxln trool fr. Ostn Tr F.O. on crush To Tary -asph V 60 °C' 15: whith slicky full das To prit. Osta Tr floating F.E. Dwhith Ď 80 15: whith film dis V.B.T. pr. Lt. edge sta V E rann 4000F ZS: QQ Ls: whith fain testion V G Trugy & H. Oilstn Sour ador 20 11 Trace blk Carb Sh 40 15: tn-gry falf das DST#5 4062'-4141' 30-45-30-45 LS: the fix by Sli. on PP 9 Tr sli.vgy & scat pes w 60 H H. O.Sta N.F.O. Saur oder IF: B.O.Bin 45sec G.T.S. in 22 min. ISI: No blow FF: B.O. Bin 1'2 min, shigry, grr, brn FSI: No blow Recovery: 1020 G.I.P. 3005 Total Fluid -80 LS: which film Tr pr bo edge Stn N.F.O. 1260' 6.0. Ï 315'OCM 870,92%M 190'WMC0 747.0 1170 W. 1970 M 51ts tones: gry, brn, grn \$4100 125' OMCW 317.0, 422W, 222 M 1120' OMCW 107.0, LS: wheth fx. In pp&-Vgy& Lt. 0 Sat Tr Fa Na ador Aty ar  $\checkmark$ 717.W, 197.m HYd: 2046-2041# FP ; 465-1083/ 1103# 20 BHP: 1261-1270# Sh:gry+brn BHTemp: 133 °F. gravity: 41.2 A.P.I. Is: wh-tn Tr pr. pp Ø Tr. pr. Lt. edge sta Tr "/blk asph -tarysphs N.F.O. Chlorides: 49,000 pp 199 K 1 ¥ 40 shibrn, gry, grn COAN LS: whith - ht gry film ans N.S.O. 60'L' shigh, brn, gen 80 1-24 55: gry V.fn.gn Consol. ingram & asph spks J N.F.O. NO odor



•



resting the	Company: _LC _ease: Pra	, C S D R E F P	EC: 35 TWN: 8 county: SHERID tate: Kansas rrilling Contracto tig 1 levation: 2818 I ield Name: Hox ool: Infield ob Number: 114	OAN or: STP Drilling, LLC - EGL cie West		
DATE	DST #1 F	ormation: Howard	Test Inter 36	val: 3548 - 00'	Total Dept	h: 3600'
February	_					
18		n: 20:26 02/18		: 07:07 02/	-	
2018	Time O	n Bottom: 23:52 02/1	8 Time Off	Bottom: 01	:40 02/19	
Recovered						
Foot BBLS	<u>Descript</u>	on of Fluid	<u>Gas %</u>	<u>Oil %</u>	<u>Water %</u>	<u>Mud %</u>
5 0.07115	S SLWC	SLMCO	0	75	9	16
630 8.9649	SLOC	CHWCM	0	9	45	46
500 5.986814	2 SLOC	SLMCW	0	5	89	6
Total Recovered: 113 Total Barrels Recove		Reversed Out NO		Recov	ery at a gland	ce
Initial Hydrostatic Press	ure 1697	PSI				
Initial F	low 291 to 556	PSI	<u> </u>			_
Initial Closed in Press	ure 845	PSI				
Final Flow Press	ure 0 to 0	PSI				
Final Closed in Press	ure 0	PSI	0			
Final Hydrostatic Press	ure 1696	PSI			Rec	overy
Temperat	ure 123	°F		Car	Oil 🔷 V	Vater 🔎 Mud
Pressure Change In Close / Final Cl		%		Gas 0%		Vater <b>•</b> Mud 52.36% 29.92%



Initial Shut-in: No blow back. Final Flow: No blow.

Final Shut-in: No blow back.

Tool slid about 5 ft. the first time we set packers. Lost packer seat 5-10 mins. into initial flow.

The tool wouldn't turn for the final shut-in, so we must not have gotten a final flow period.

The tool was packed with sand & rock; therefore, it wouldn't turn for the final shut-in. When we opened it back up, it only took 11 turns instead of 15-17; therefore, that's how we knew it was packed too full to turn it.

Tool Sample: Trace oil, 100% water

Ph: 5.0

RW: .16 @ 46 degrees F

Chlorides: 77,000 ppm



## Lease: Pratt "A" #1-35

SEC: 35 TWN: 8S RNG: 29W County: SHERIDAN State: Kansas Drilling Contractor: STP Drilling, LLC -Rig 1 Elevation: 2818 EGL Field Name: Hoxie West Pool: Infield Job Number: 114

DATE	
February	
18	
2018	

DST #1 Formation: Howard Test Interval: 3548 - Total Depth: 3600' Time On: 20:26 02/18 Time Off: 07:07 02/19 Time On Bottom: 23:52 02/18 Time Off Bottom: 01:40 02/19

Heads Up:	18.55 FT	Packer 1:	3542.8 FT
Drill Pipe:	3412.6 FT	Packer 2:	3547.8 FT
ID-3 1/2		Top Recorder:	3532.22 FT
Weight Pipe: ID-2 7/8	0 FT	Bottom Recorder:	3588 FT
Collars:	121.18 FT	Well Bore Size:	7 7/8
ID-2 1/4	12111011	Surface Choke:	1"
<b>Test Tool:</b> ID-3 1/2-FH Jars Safety Joint	33.57 FT	Bottom Choke:	5/8"
Total Anchor:	52.2		
Anchor	<u>Makeup</u>		
Packer Sub:	1 FT		
Perforations: (top): 4 1/2-FH	5 FT		
Change Over:	1 FT		
Drill Pipe: (in anchor): ID-3 1/2	31.20 FT		
Change Over:	1 FT		
Perforations: (below): 4 1/2-FH	13 FT		



## Lease: Pratt "A" #1-35

SEC: 35 TWN: 8S RNG: 29W County: SHERIDAN State: Kansas Drilling Contractor: STP Drilling, LLC -Rig 1 Elevation: 2818 EGL Field Name: Hoxie West Pool: Infield Job Number: 114

<u>DATE</u> February	DST #1	Formation: Howard	Test Interval: 3548 - 3600'	Total Depth: 3600'
<b>18</b> 2018	-	īme On: 20:26 02/18 īme On Bottom: 23:52 02/18	Time Off: 07:07 02/19 Time Off Bottom: 01:40	) 02/19
		Mud Proper	rties	

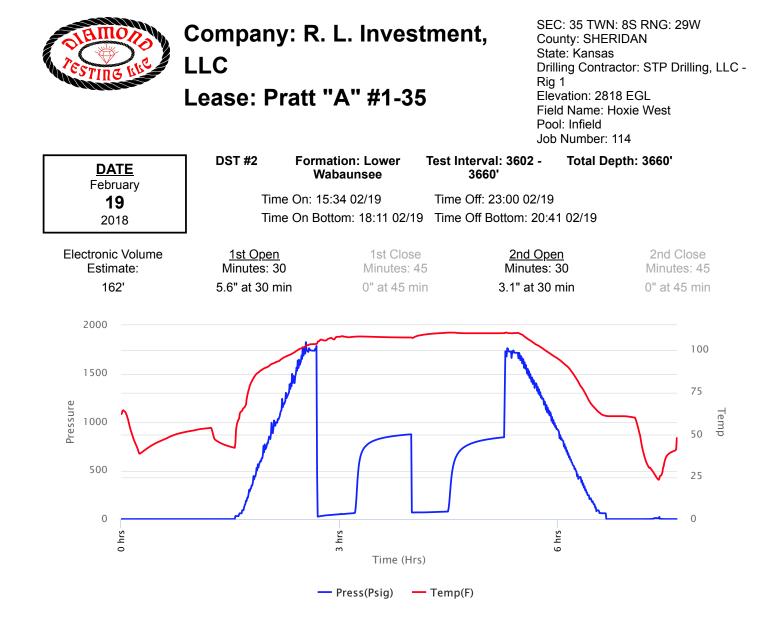
Mud Type: Chemical

Weight: 8.6

Viscosity: 58

Filtrate: 6.8

Chlorides: 900 ppm



resting the	LC	R. L. Inves tt "A" #1-3	Cou Stat Drill Rig Elev Fiel Poo	SEC: 35 TWN: 8S RNG: 29W County: SHERIDAN State: Kansas Drilling Contractor: STP Drilling, LLC - Rig 1 Elevation: 2818 EGL Field Name: Hoxie West Pool: Infield Job Number: 114		
DATE	DST #2 F	ormation: Lower Wabaunsee	Test Interv 366		Total Depth: 3	8660'
February				-		
19		n: 15:34 02/19		23:00 02/19		
2018	Time O	n Bottom: 18:11 02/1	9 Time Off E	Bottom: 20:4	1 02/19	
Recovered						
Foot BBLS	<u>Descripti</u>	ion of Fluid	<u>Gas %</u>	<u>Oil %</u>	Water %	<u>Mud %</u>
85 0.6399642	2 SLWC	SLOCM	0	8	7	85
60 0.2952	SL	OCM	0	2	0	98
Total Recovered: 145 Total Barrels Recover	Reversed Out NO		Recover	y at a glance		
Initial Hydrostatic Pressu	ıre 1743	PSI				
, Initial Flo		PSI 👳	J 0.5			
Initial Closed in Pressu	ire 875	PSI	1			
Final Flow Pressu	ire 69 to 79	PSI				
Final Closed in Pressu	ire 845	PSI	0			
Final Hydrostatic Pressu	re 1735	PSI			Recove	ery
Temperatu	ıre 111	°F		• • •		
Pressure Change Init Close / Final Clo		%		Gas O%	Oil • Wa 6.11% 4.7	



# Lease: Pratt "A" #1-35

**DST #2** 

SEC: 35 TWN: 8S RNG: 29W County: SHERIDAN State: Kansas Drilling Contractor: STP Drilling, LLC -Rig 1 Elevation: 2818 EGL Field Name: Hoxie West Pool: Infield Job Number: 114

Total Depth: 3660'

DATE February 19 2018

REMARKS:

Initial Flow: 5 in. blow. Initial Shut-in: No blow back. Final Flow: 3 in. blow. Final Shut-in: No blow back.

Tool Sample: 5% oil, 18% water, 77% mud

Tool slid 4-5 ft. when setting tool.

Ph: 7.0

RW: .42 @ 44 degrees F

Chlorides: 28,000 ppm

Time On: 15:34 02/19 Time On Bottom: 18:11 02/19 Time Off Bottom: 20:41 02/19

Formation: Lower

Wabaunsee

3660'

Test Interval: 3602 -

Time Off: 23:00 02/19



# Company: R. L. Investment, LLC

## Lease: Pratt "A" #1-35

SEC: 35 TWN: 8S RNG: 29W County: SHERIDAN State: Kansas Drilling Contractor: STP Drilling, LLC -Rig 1 Elevation: 2818 EGL Field Name: Hoxie West Pool: Infield Job Number: 114

<u>DATE</u> February	DST #2	Formation: Lower Wabaunsee	- Test Interval: 3602 3660'	Total Depth: 3660'
<b>19</b> 2018		e On: 15:34 02/19 e On Bottom: 18:11 02/19	Time Off: 23:00 02/19 Time Off Bottom: 20:41	02/19

Heads Up:	19.93 FT	Packer 1:	3597.13 FT
Drill Pipe:	3475.72 FT	Packer 2:	3602.13 FT
ID-3 1/2		Top Recorder:	3589.13 FT
Weight Pipe: ID-2 7/8	0 FT	Bottom Recorder:	3643 FT
Collars:	121.18 FT	Well Bore Size:	7 7/8
ID-2 1/4		Surface Choke:	1"
<b>Test Tool:</b> ID-3 1/2-FH	26.16 FT	Bottom Choke:	5/8"
Total Anchor:	57.87		
Anchor			
Packer Sub:	1 FT		
Perforations: (top): 4 1/2-FH	5 FT		
Change Over:	1 FT		
Drill Pipe: (in anchor): ID-3 1/2	31.87 FT		
Change Over:	1 FT		
Perforations: (below): 4 1/2-FH	18 FT		



## Lease: Pratt "A" #1-35

SEC: 35 TWN: 8S RNG: 29W County: SHERIDAN State: Kansas Drilling Contractor: STP Drilling, LLC -Rig 1 Elevation: 2818 EGL Field Name: Hoxie West Pool: Infield Job Number: 114

<u>DATE</u> February	DST #2	Formation: Lower Wabaunsee	Test Interval: 3602 - 3660'	Total Depth: 3660'			
19		e On: 15:34 02/19	Time Off: 23:00 02/19				
2018	Tim	e On Bottom: 18:11 02/19	Time Off Bottom: 20:47	1 02/19			
Mud Properties							

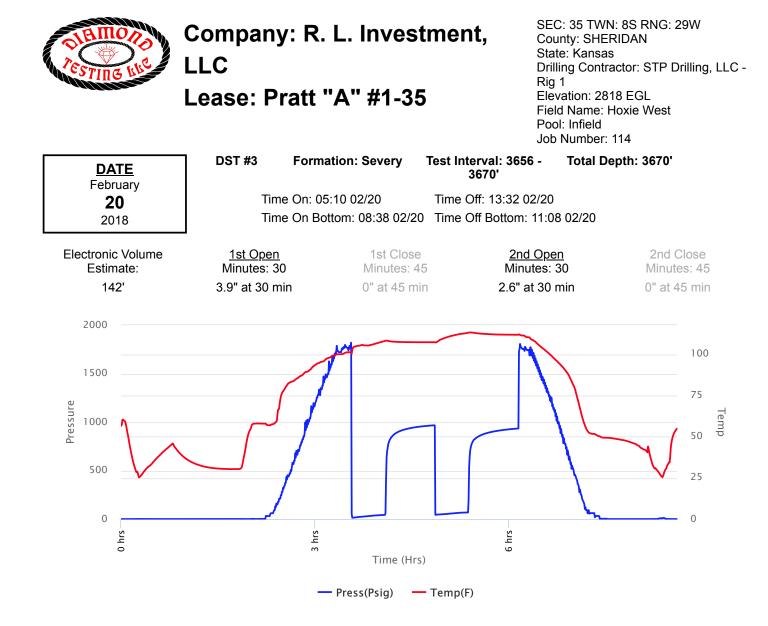
Mud Type: Chemical

Weight: 9.2

Viscosity: 59

Filtrate: 7.2

Chlorides: 6,200 ppm



resting the LL	C	R. L. Inves tt "A" #1-3		r Cou Stat Drill Rig Elev Fiel Poo		I STP Drilling, LLC - L
DATE	DST #3 Fo	ormation: Severy	Test Interv		Total Depth: 3	3670'
February			367	r U		
20	Time Or	n: 05:10 02/20		13:32 02/20		
2018	Time Or	n Bottom: 08:38 02/2	20 Time Off	Bottom: 11:08	8 02/20	
Recovered						
Foot BBLS	Descriptio	on of Fluid	<u>Gas %</u>	<u>Oil %</u>	Water %	<u>Mud %</u>
5 0.0601642	HWCM	(trace oil)	0	.1	39	60.9
120 0.5904	HM	ICW	0	0	67	33
Total Recovered: 125 ft Total Barrels Recovered	1: 0.6505642	Reversed Out NO		Recover	y at a glance	
Initial Hydrostatic Pressure	1765	PSI				
Initial Flow	14 to 44	PSI	0.25			
Initial Closed in Pressure	968	PSI				
Final Flow Pressure	45 to 69	PSI				
Final Closed in Pressure	935	PSI	0			
Final Hydrostatic Pressure	1763	PSI	I		Recov	very
Temperature	114	°F		Car A	Oil 🔷 Wate	or Mud
Pressure Change Initial Close / Final Close	3.4	%			0.01% • Wate 0.01% 64.4	

Close / Final Close



# Lease: Pratt "A" #1-35

SEC: 35 TWN: 8S RNG: 29W County: SHERIDAN State: Kansas Drilling Contractor: STP Drilling, LLC -Rig 1 Elevation: 2818 EGL Field Name: Hoxie West Pool: Infield Job Number: 114

DATE February 20 2018

DST #3 Formation: Severy

Test Interval: 3656 -

Total Depth: 3670'

Time On: 05:10 02/20

3670'

Time Off: 13:32 02/20 Time On Bottom: 08:38 02/20 Time Off Bottom: 11:08 02/20

#### REMARKS:

Initial Flow: 4 1/2 in. blow. Initial Shut-in: No blow back. Final Flow: 3 in. blow. Final Shut-in: Surface blow back

Tool Sample: 97% water, 3% mud

Diesel in bucket.

Ph: 6.0

RW: .34 @ 49 degrees F

Chlorides: 28,000 ppm



## Lease: Pratt "A" #1-35

SEC: 35 TWN: 8S RNG: 29W County: SHERIDAN State: Kansas Drilling Contractor: STP Drilling, LLC -Rig 1 Elevation: 2818 EGL Field Name: Hoxie West Pool: Infield Job Number: 114

<u>DATE</u>	
February	
20	
2018	

DST #3 **Formation: Severy** Test Interval: 3656 -Total Depth: 3670' 3670' Time On: 05:10 02/20 Time Off: 13:32 02/20 Time On Bottom: 08:38 02/20 Time Off Bottom: 11:08 02/20

Heads Up:	29.63 FT	Packer 1:	3651 FT
Drill Pipe:	3539.29 FT	Packer 2:	3656 FT
ID-3 1/2		Top Recorder:	3643 FT
Weight Pipe: ID-2 7/8	0 FT	Bottom Recorder:	3658 FT
Collars:	121.18 FT	Well Bore Size:	7 7/8
ID-2 1/4		Surface Choke:	1"
<b>Test Tool:</b> ID-3 1/2-FH	26.16 FT	Bottom Choke:	5/8"
Total Anchor:	14		
Anchor	<u>Makeup</u>		
Packer Sub:	1 FT		
Perforations: (top): 4 1/2-FH	0 FT		
Change Over:	0 FT		
Drill Pipe: (in anchor): ID-3 1/2	0 FT		
Change Over:	0 FT		
Perforations: (below): 4 1/2-FH	13 FT		



Lease: Pratt "A" #1-35

SEC: 35 TWN: 8S RNG: 29W County: SHERIDAN State: Kansas Drilling Contractor: STP Drilling, LLC -Rig 1 Elevation: 2818 EGL Field Name: Hoxie West Pool: Infield Job Number: 114

DATE February	DST #3	Formation: Severy	Test Interval: 3656 - 3670'	Total Depth: 3670'
<b>20</b> 2018	-	ime On: 05:10 02/20 ime On Bottom: 08:38 02/20	Time Off: 13:32 02/20 Time Off Bottom: 11:08	02/20
		Mud Prope	rties	

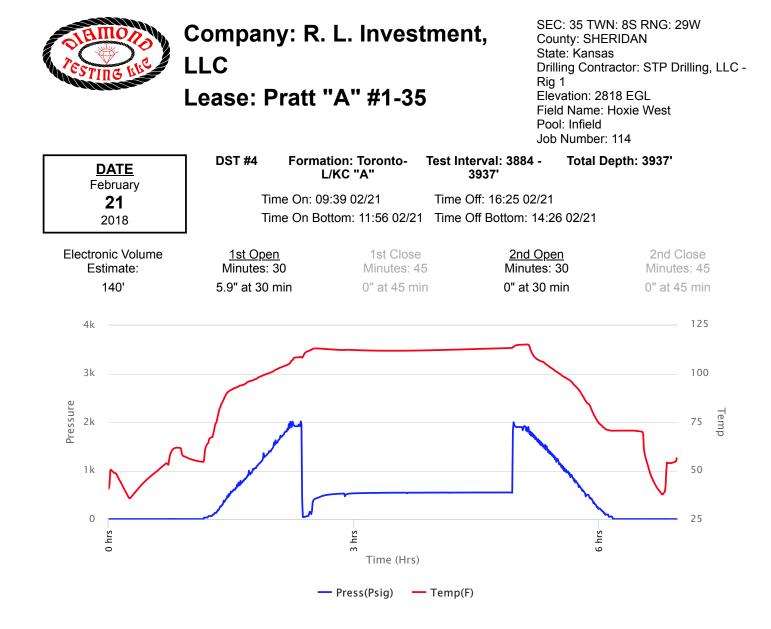
Mud Type: Chemical

Weight: 9.1

Viscosity: 61

Filtrate: 7.2

Chlorides: 5,600 ppm



resting the	Company: R. L. Investment, LLC Lease: Pratt "A" #1-35				SEC: 35 TWN: 8S RNG: 29W County: SHERIDAN State: Kansas Drilling Contractor: STP Drilling, LLC - Rig 1 Elevation: 2818 EGL Field Name: Hoxie West Pool: Infield Job Number: 114			
DATE	DST #4	Formation: Toronto L/KC "A"		val: 3884 - 37'	Total Depth: 3	3937'		
February	Tim	ne On: 09:39 02/21	Time Off	: 16:25 02/21				
21		ne On Bottom: 11:56 02		Bottom: 14:2	6 02/21			
2018				Dottom: 14.2	0 02/21			
Recovered	_		•	• • /				
Foot BBLS		cription of Fluid	<u>Gas %</u>	<u>Oil %</u>	<u>Water %</u>	Mud %		
120 0.590	4	SLOCM	0	2	0	98		
Total Recovered: 120 ft Total Barrels Recovered: 0.5904				Recover	y at a glance	_		
			0.5					
Initial Hydrostatic Pres	sure 1916	PSI						
Initial	Flow 43 to 52	8 PSI	BBL 0.25					
Initial Closed in Pres	sure 546	PSI	<sup>∞</sup> 0.25 —					
Final Flow Pres	sure 533 to 54	48 PSI						
Final Closed in Pres	sure 550	PSI	0					
Final Hydrostatic Press	sure 1904	PSI	I.		Recov	very		
Tempera	ature 114	°F		Corr		have 🔴 Murd		
Pressure Change I Close / Final C		%		Gas 0%	Oil Wat 2% 0%	ter Mud 98%		



# Lease: Pratt "A" #1-35

SEC: 35 TWN: 8S RNG: 29W County: SHERIDAN State: Kansas Drilling Contractor: STP Drilling, LLC -Rig 1 Elevation: 2818 EGL Field Name: Hoxie West Pool: Infield Job Number: 114

Total Depth: 3937'

DATE February 21 2018

**DST #4** 

Formation: Toronto-L/KC "A"

Test Interval: 3884 -3937'

Time On: 09:39 02/21 Time On Bottom: 11:56 02/21 Time Off Bottom: 14:26 02/21

Time Off: 16:25 02/21

#### **REMARKS:**

Initial Flow: 6 1/2 in. blow. Initial Shut-in: Surface blow back. Final Flow: Surface blow. Final Shut-in: Surface blow back.

Tool Sample: 3% oil, 97% mud

Diesel in bucket.



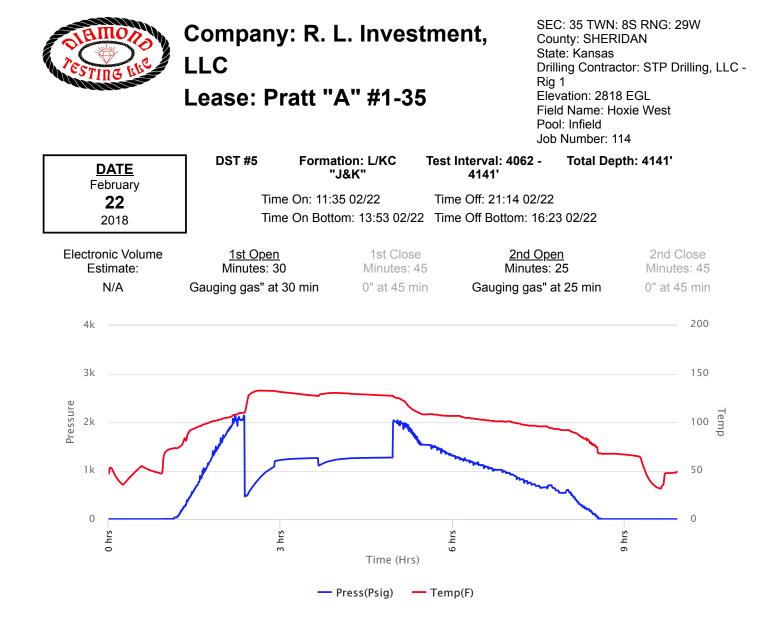
# Lease: Pratt "A" #1-35

SEC: 35 TWN: 8S RNG: 29W County: SHERIDAN State: Kansas Drilling Contractor: STP Drilling, LLC -Rig 1 Elevation: 2818 EGL Field Name: Hoxie West Pool: Infield Job Number: 114

<u>DATE</u> February	DST #4 Formation: Toronto- L/KC "A"	Test Interval: 3884 - Total Depth: 3937' 3937'	'
21	Time On: 09:39 02/21	Time Off: 16:25 02/21	
2018	Time On Bottom: 11:56 02/21	Time Off Bottom: 14:26 02/21	

Heads Up:	23.22 FT	Packer 1:	3878.68 FT
Drill Pipe:	3760.56 FT	Packer 2:	3883.68 FT
ID-3 1/2		Top Recorder:	3870.68 FT
Weight Pipe: ID-2 7/8	0 FT	Bottom Recorder:	3921 FT
Collars:	121.18 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:	53.32		
Anchor	<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	31.32 FT		
Change Over:	1 FT		
Perforations: (below): 4 1/2-FH	17 FT		





PIESTING		C	R. L. Inves t "A" #1-3		, Cc Sta Dr Rių Ele Fie Pc	EC: 35 TWN: 8 punty: SHERII ate: Kansas illing Contract g 1 evation: 2818 eld Name: Ho: pol: Infield b Number: 11	DAN :or: STP Drill EGL xie West	
DAT	F	DST #5 F	ormation: L/KC		val: 4062 -	Total Dept	th: 4141'	
Februa			"J&K"	41	41'			
22	-		n: 11:35 02/22		: 21:14 02/22	-		
2018	3	Time Or	13:53 02/2	22 Time Off	Bottom: 16:	23 02/22		
Rec	overed							
Foot	BBLS	<u>Descriptic</u>	on of Fluid	<u>Gas %</u>	<u>Oil %</u>	Water 9	<u>% Mud</u>	%
1020	14.5146	(	3	100	0	0	0	
1260	17.9298		C	0	100	0	0	
315	4.48245		DCM	0	8	0	92	2
190	2.7037		SLMCO	0	70	11	19	
125	1.77875		OCW	0	36	42	22	-
1120	14.8094142	SLOCS	SLMCW	0	10	71	19	)
	ered: 4030 f s Recoverec	't I: 56.2187142	Reversed Out NO	20	Recove	ery at a glan	ce	
Initial Hydro	static Pressure	2046	PSI					
	Initial Flow	465 to 1083	PSI					
Initial Close	ed in Pressure	1261	PSI	10				
	Flow Pressure	1103 to	PSI					
	ed in Pressure	1248	PSI	0				
Final Hydros	static Pressure	1270	PSI			Re	covery	
	Temperature	2041	°F	•	Gas	Oil	Water	Mud
_	<u>.</u>	133	<u>.</u>		25.82%	39.67%	20.56%	13.95%
	e Change Initial		%					
Clos	se / Final Close	0.0						



# Lease: Pratt "A" #1-35

SEC: 35 TWN: 8S RNG: 29W County: SHERIDAN State: Kansas Drilling Contractor: STP Drilling, LLC -Rig 1 Elevation: 2818 EGL Field Name: Hoxie West Pool: Infield Job Number: 114

<u>DATE</u> February
22
2018

DST #5 Formation: L/KC "J&K" - Test Interval: 4062 4141'

Total Depth: 4141'

 Time On: 11:35 02/22
 Time Off: 21:14 02/22

 Time On Bottom: 13:53 02/22
 Time Off Bottom: 16:23 02/22

#### REMARKS:

Initial Flow: Blow increasing. BOB in 45 secs. GTS in 22 mins.

Initial Shut-in: No blow back.

Final Flow: Blow increasing. BOB in 1 1/2 mins.

Final Shut-in: No blow back.

Tool Sample: 2% oil, 85% water, 13% mud

Diesel in bucket.

Gravity: 41.2 @ 60 degrees F

Ph: 6.0

RW: .18 @ 52 degrees F

Chlorides: 49,000 ppm



# Lease: Pratt "A" #1-35

SEC: 35 TWN: 8S RNG: 29W County: SHERIDAN State: Kansas Drilling Contractor: STP Drilling, LLC -Rig 1 Elevation: 2818 EGL Field Name: Hoxie West Pool: Infield Job Number: 114

DATE February	DST #5	Formation: L/KC "J&K"	Test Interval: 4062 - 4141'	Total Depth: 4141'
22	Time	e On: 11:35 02/22	Time Off: 21:14 02/22	
2018	Time	e On Bottom: 13:53 02/22	Time Off Bottom: 16:23	02/22

Heads Up:	34.44 FT	Packer 1:	4056.92 FT
Drill Pipe:	3950.02 FT	Packer 2:	4061.92 FT
ID-3 1/2		Top Recorder:	4048.92 FT
Weight Pipe: ID-2 7/8	0 FT	Bottom Recorder:	4131 FT
Collars:	121.18 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:	79.08		
Anchor	<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	63.08 FT		
Change Over:	1 FT		
Perforations: (below): 4 1/2-FH	11 FT		



## Lease: Pratt "A" #1-35

SEC: 35 TWN: 8S RNG: 29W County: SHERIDAN State: Kansas Drilling Contractor: STP Drilling, LLC -Rig 1 Elevation: 2818 EGL Field Name: Hoxie West Pool: Infield Job Number: 114

<u>DATE</u> February	DST #5	Formation: L/KC "J&K"	Test Interval: 4062 - 4141'	Total Depth: 4141'
<b>22</b> 2018		ie On: 11:35 02/22 ie On Bottom: 13:53 02/2	Time Off: 21:14 02/22 2 Time Off Bottom: 16:2	
		Mud Prope	erties	

Mud Type: Chemical

Weight: 9.2

Viscosity: 61

Filtrate: 7.2

Chlorides: 3,800 ppm



## Lease: Pratt "A" #1-35

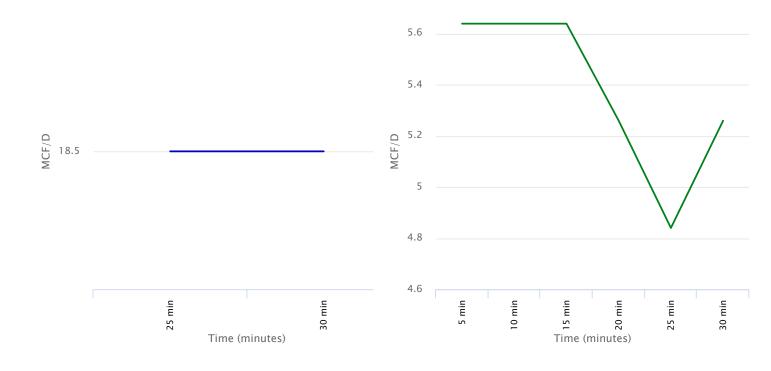
SEC: 35 TWN: 8S RNG: 29W County: SHERIDAN State: Kansas Drilling Contractor: STP Drilling, LLC -Rig 1 Elevation: 2818 EGL Field Name: Hoxie West Pool: Infield Job Number: 114

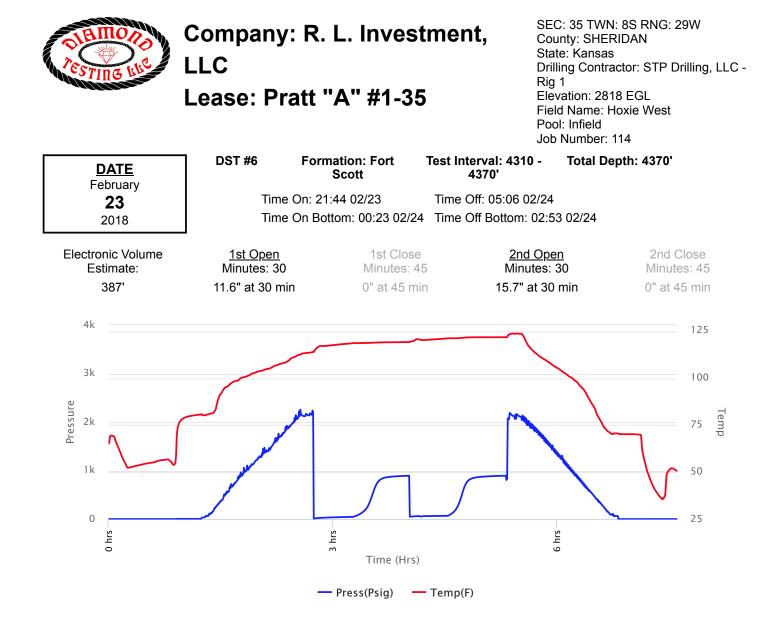
DATE February	DST #5	Formation: L/KC "J&K"	Test Interval: 4062 - 4141'	Total Depth: 4141'
22	Tim	e On: 11:35 02/22	Time Off: 21:14 02/22	
2018	Tim	e On Bottom: 13:53 02/22	Time Off Bottom: 16:23	02/22

#### **Gas Volume Report**

Remarks: Gas to surface in 22 mins. Gas sample taken 15 mins. into final flow period.

	1st Open				2nd C	Open	
Time	Orifice	PSI	MCF/D	Time	Orifice	PSI	MCF/D
25	0.25	4.0	18.5	5	0.125	4.0	5.64
30	0.25	4.0	18.5	10	0.125	4.0	5.64
				15	0.125	4.0	5.64
				20	0.125	3.5	5.26
				25	0.125	3.0	4.84
				30	0.125	3.5	5.26
				30	0.125	3.5	





PESTING ME	LLC	: R. L. Inve att "A" #1-	·	Cou Stat Drill Rig Elev Field Poo	C: 35 TWN: 8 Inty: SHERII re: Kansas ing Contract 1 vation: 2818 d Name: Ho: d Name: Ho: l: Infield Number: 11	DAN or: STP Dri EGL xie West	
DATE	DST #6	Formation: Fort Scott	Test Interv 437		Total Dept	th: 4370'	
February	T	004.44.00/00	T	05-00-00/04			
23		On: 21:44 02/23		05:06 02/24	0.00/04		
2018         Time On Bottom: 00:23 02/24         Time Off Bottom: 02:53 02/24							
Recovered							
Foot BBLS		iption of Fluid	<u>Gas %</u>	<u>Oil %</u>	Water 9		<u>d %</u>
310 4.41	-	G	100	0	0		)
70 0.4265		SLOCM	0	1	0		9
60 0.29	52 (	DCGCM	25	23	0	5	2
Total Recovered: 4 Total Barrels Recov		2 Reversed Out NO		Recover	y at a glan	ce	
Initial Hydrostatic Pre	ssure 2149	PSI					
Initial	Flow 12 to 47	PSI	Lag 2.5				
Initial Closed in Pres	ssure 895	PSI					
Final Flow Pre	ssure 50 to 68	PSI					
Final Closed in Pres	ssure 896	PSI	0			_	
Final Hydrostatic Pres	sure 2139	PSI	I		Re	covery	
Temper	ature 122	°F		Gas	Oil	Water	Mud
Pressure Change Close / Final		%		87.38%	1.41%	0%	11.22%



# Lease: Pratt "A" #1-35

SEC: 35 TWN: 8S RNG: 29W County: SHERIDAN State: Kansas Drilling Contractor: STP Drilling, LLC -Rig 1 Elevation: 2818 EGL Field Name: Hoxie West Pool: Infield Job Number: 114

<u>DATE</u> February	
23	
2018	

DST #6 Formation: Fort Scott

Test Interval: 4310 -

Total Depth: 4370' 4370'

Time On: 21:44 02/23

Time Off: 05:06 02/24 Time On Bottom: 00:23 02/24 Time Off Bottom: 02:53 02/24

#### **REMARKS**:

Initial Flow: Blow increasing. BOB in 24 1/2 mins. Initial Shut-in: Surface blow back.

Final Flow: Blow increasing. BOB in 12 1/2 mins.

Final Shut-in: Very weak, surface blow back.

Tool Sample: 35% oil, 65% mud

Diesel in bucket.



# Company: R. L. Investment, LLC

# Lease: Pratt "A" #1-35

SEC: 35 TWN: 8S RNG: 29W County: SHERIDAN State: Kansas Drilling Contractor: STP Drilling, LLC -Rig 1 Elevation: 2818 EGL Field Name: Hoxie West Pool: Infield Job Number: 114

DATE February	DST #6	Formation: Fort Scott	Test Interval: 4310 - 4370'	Total Depth: 4370'
23	Tim	e On: 21:44 02/23	Time Off: 05:06 02/24	
2018	Tim	e On Bottom: 00:23 02/24	Time Off Bottom: 02:53	02/24

Heads Up:	6.51 FT	Packer 1:	4304.8 FT
Drill Pipe:	4169.97 FT	Packer 2:	4309.8 FT
ID-3 1/2		Top Recorder:	4296.8 FT
Weight Pipe: ID-2 7/8	0 FT	Bottom Recorder:	4348 FT
Collars:	121.18 FT	Well Bore Size:	7 7/8
ID-2 1/4		Surface Choke:	1"
<b>Test Tool:</b> ID-3 1/2-FH	26.16 FT	Bottom Choke:	5/8"
Total Anchor:	60.2		
Anchor	<u>Makeup</u>		
Packer Sub:	1 FT		
Perforations: (top): 4 1/2-FH	3 FT		
Change Over:	1 FT		
Drill Pipe: (in anchor): ID-3 1/2	31.20 FT		
Change Over:	1 FT		
Perforations: (below): 4 1/2-FH	23 FT		



## Lease: Pratt "A" #1-35

SEC: 35 TWN: 8S RNG: 29W County: SHERIDAN State: Kansas Drilling Contractor: STP Drilling, LLC -Rig 1 Elevation: 2818 EGL Field Name: Hoxie West Pool: Infield Job Number: 114

DATE February 23	DST #6	Formation: Fort Scott e On: 21:44 02/23	<b>Test Interval: 4310 -</b> <b>4370'</b> Time Off: 05:06 02/24	Total Depth: 4370'
2018	Tim	e On Bottom: 00:23 02/24	Time Off Bottom: 02:5	3 02/24
		Mud Proper	rties	

Mud Type: Chemical

Weight: 9.4

Viscosity: 65

Filtrate: 7.6

Chlorides: 3,600 ppm

HOXIE. KS 67740	RR I BOX 90 D	REMIT TO	

# SCHIPPERS OIL FIELD SERVICE L.L.C.

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# 000618

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			RED	AMONT ORDERED	DEPTH	CASING SIZE
				CEMENT	T.D. 263	HOLE SIZE
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CHARGES TO: K+L
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You are hereby requested to rent cementing equipment and furnish staff to assit owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "TERMS AND CONDITIONS" listed on the reverse side.

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TOTAL CHARGE

DISCOUNT (IF PAID IN 20 DAYS)

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PRINTED NAME

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SIGNATURE		PRINTED NAME			
			<b>*</b>		

REMIT TO RR 1 BOX 90 D HOXIE, KS 67740

SCHIPPERS OIL FIELD SERVICE L.L.C.

- 7 - 7 - 7

000620

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REMIT TO RR   BOX 90 D HOXIE, KS 67740	SCHIPPERS OIL F	SCHIPPERS OIL FIELD SERVICE L.L.C.	LC.	000	000619
DATE 2/25/1 SEC. 35	RANGE/TWP.	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
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TYPE OF JOB	S-1= >				-
HOLE SIZE	T.D. 4762	CEMENT			
CASING SIZE 5/2	DEPTH	AMONT ORDERED			
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CEMENT LEFT IN CSG.		GEL	7	8	
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You are hereby requested to rent cementing equipment and furnish staff to assit owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "TERMS AND CONDITIONS" listed on the reverse side.

|--|

SIGNATURE

PRINTED NAME

Sheridan Sentinel Print / Form 411