



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1231464  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- 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 ENHR       Conv. to SWD
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - \_\_\_\_\_

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
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1231464

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](mailto: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  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				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 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)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Blue Ridge Petroleum Corporation
Well Name	Norman 1-11
Doc ID	1231464

All Electric Logs Run

CDN
Dual Induction
Micro
Sonic

Form	ACO1 - Well Completion
Operator	Blue Ridge Petroleum Corporation
Well Name	Norman 1-11
Doc ID	1231464

Tops

Name	Top	Datum
Anhydrite	2686	+269
Heebner	3871	-916
Toronto	3905	-950
LKC	3913	-958
BKC	4154	-1199
Pawnee	4264	-1309
Fort Scott	4291	-1336
Cherokee	4321	-1366
Basal Sand	4447	-1492
Mississippi	4491	-1536



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: norm1-11dst1

TIME ON: 01:00  
TIME OFF: 09:43

Company Blue Ridge Lease & Well No. Norman #1-11  
Contractor LD Drilling Charge to Blue Ridge  
Elevation 2950 sur Formation \_\_\_\_\_ Tor-Lans A Effective Pay \_\_\_\_\_ Ft. Ticket No. S0515  
Date 11-14-14 Sec. 11 Twp. \_\_\_\_\_ 4 S Range \_\_\_\_\_ 32 W County \_\_\_\_\_ Rawlins State KANSAS  
Test Approved By Jim Musgrove Diamond Representative \_\_\_\_\_ Jacob McCallie

Formation Test No. 1 Interval Tested from 3873 ft. to 3930 ft. Total Depth 3930 ft.

Packer Depth 3868 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Packer Depth 3873 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3861 ft. Recorder Number 5515 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 3909 ft. Recorder Number 5586 Cap. 5,000 P.S.I.

Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type Chem Viscosity 50 Drill Collar Length 0 ft. I.D. 2 1/4 in.

Weight 9.0 Water Loss 8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 4,400 P.P.M. Drill Pipe Length 3847 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number NA Test Tool Length 26 ft. Tool Size 3 1/2-IF in.

Did Well Flow? NO Reversed Out NO Anchor Length 57 (25.5 A) ft. Size 4 1/2-FH in.

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: 1/4" Blow- Built to 5" in 45 min WSBB

2nd Open: WSB- Built to 5 1/2" in 30 min WSBB

Recovered 88 ft. of HOCM 45% O 55% M

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: \_\_\_\_\_

Diesel in bucket

TOOL SAMPLE: 35% O 65% M

Time Set Packer(s) 4:48 AM A.M. Time Started Off Bottom 7:33 AM A.M. Maximum Temperature 118  
P.M. P.M.

Initial Hydrostatic Pressure..... (A) 1877 P.S.I.

Initial Flow Period..... Minutes 45 (B) 11 P.S.I. to (C) 34 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 1205 P.S.I.

Final Flow Period..... Minutes 30 (E) 38 P.S.I. to (F) 49 P.S.I.

Final Closed In Period..... Minutes 60 (G) 1239 P.S.I.

Final Hydrostatic Pressure..... (H) 1864 P.S.I.

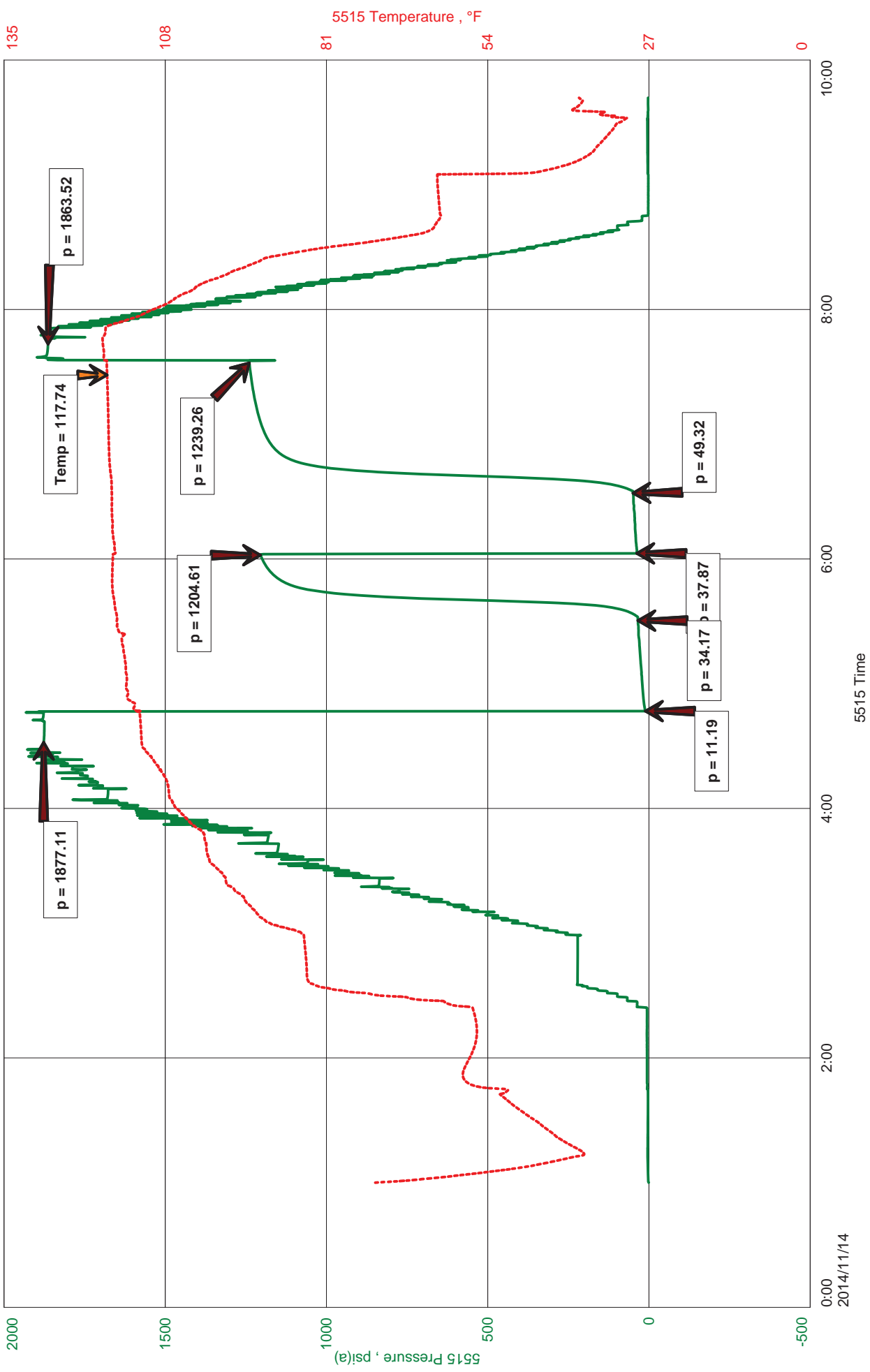
Price Job
Other Charges
Insurance
Total

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Blue Ridge  
DST #1 Tor-Lan A 3873-3930'  
Start Test Date: 2014/11/14  
Final Test Date: 2014/11/14

Norman #1-11  
Formation: DST #1 Tor-Lan A 3873-3930'  
Pool: WC  
Job Number: S0515

# Norman #1-11





**Hoisington, Kansas**

**JACOB MCCALLIE**  
**620-627-7116**  
**mccallie.dtlc@gmail.com**

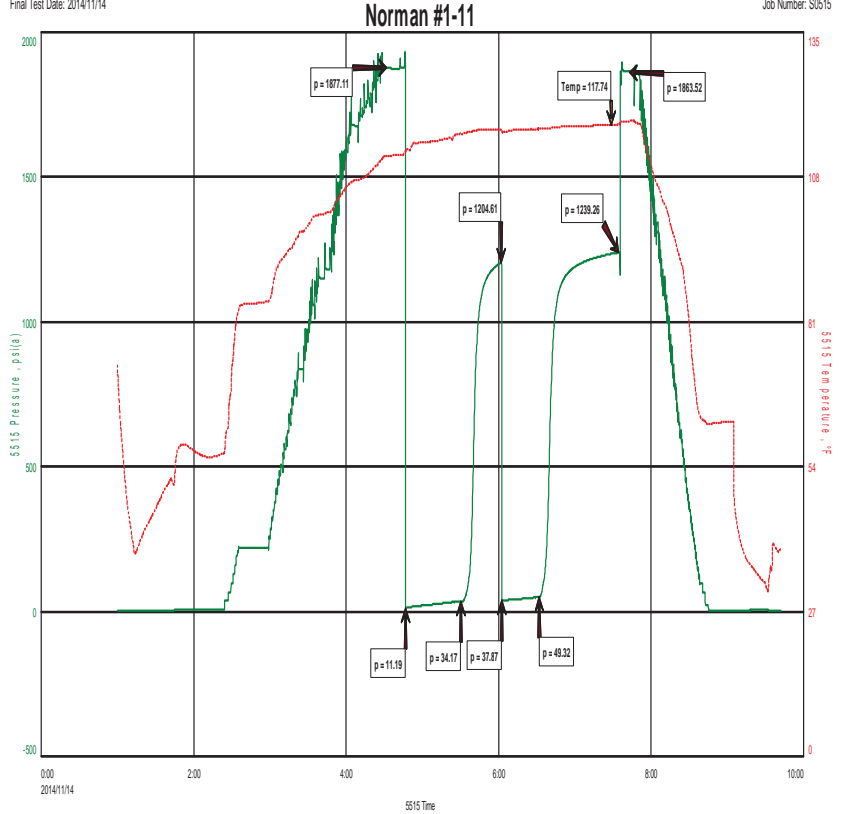
**General Information**

**Company Name** Blue Ridge

<b>Contact</b>	<b>Johnathan Allen</b>
<b>Well Name</b>	<b>Norman #1-11</b>
<b>Unique Well ID</b>	<b>DST #1 Tor-Lan A 3873-3930'</b>
<b>Surface Location</b>	<b>SEC 11-4S-32W Rawlins County</b>
<b>Field</b>	<b>Wildcat</b>
<b>Well Operator</b>	<b>Blue Ridge</b>
<b>Test Type</b>	<b>Drill Stem Test</b>
<b>Well Type</b>	<b>Vertical</b>
<b>Formation</b>	<b>DST #1 Tor-Lan A 3873-3930'</b>
<b>Well Fluid Type</b>	<b>01 Oil</b>
<b>Test Purpose (AEUB)</b>	<b>Initial Test</b>
<b>Start Test Date</b>	<b>2014/11/14</b>
<b>Start Test Time</b>	<b>01:00:00</b>
<b>Final Test Date</b>	<b>2014/11/14</b>
<b>Final Test Time</b>	<b>09:43:00</b>
<b>Job Number</b>	<b>S0515</b>
<b>Representative</b>	<b>Jacob McCallie</b>
<b>Prepared By</b>	<b>Jacob McCallie</b>
<b>Report Date</b>	<b>2014/11/14</b>

Blue Ridge  
 DST #1 Tor-Lan A 3873-3930'  
 Start Test Date: 2014/11/14  
 Final Test Date: 2014/11/14

Norman #1-11  
 Formation: DST #1 Tor-Lan A 3873-3930'  
 Pool: WC  
 Job Number: S0515



**FLUID RECOVERY**

**RECOVERY:**  
 88' HOCM 45% O 55% M

**TOOL SAMPLE:**  
 35% O 65% M



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: norm1-11dst2

TIME ON: 4:12  
TIME OFF: 11:23

Company Blue Ridge Lease & Well No. Norman #1-11  
Contractor LD Drilling Charge to Blue Ridge  
Elevation 2950 sur Formation LANS B Effective Pay \_\_\_\_\_ Ft. Ticket No. S0516  
Date 11-15-14 Sec. 11 Twp. 4 S Range 32 W County Rawlins State KANSAS  
Test Approved By Jim Musgrove Diamond Representative Jacob McCallie

Formation Test No. 2 Interval Tested from 3930 ft. to 3974 ft. Total Depth 3974 ft.

Packer Depth 3925 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Packer Depth 3930 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3918 ft. Recorder Number 5515 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 3966 ft. Recorder Number 5586 Cap. 5,000 P.S.I.

Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type Chem Viscosity 57 Drill Collar Length 0 ft. I.D. 2 1/4 in.

Weight 8.7 Water Loss 6.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 1,700 P.P.M. Drill Pipe Length 3904 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number NA Test Tool Length 26 ft. Tool Size 3 1/2-IF in.

Did Well Flow? NO Reversed Out NO Anchor Length 44 (12.5A) ft. Size 4 1/2-FH in.

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WSB- Built to 1" in 30 min NOBB

2nd Open: No Blow- No Build (tool plugged 10 min into open) NOBB

Recovered 4 ft. of OSM 2% O 98% M

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: \_\_\_\_\_

Diesel in bucket

TOOL SAMPLE: 1% O 99% M

Time Set Packer(s) 7:00 AM A.M. Time Started Off Bottom 9:30 AM A.M. Maximum Temperature 106  
P.M. P.M.

Initial Hydrostatic Pressure..... (A) 1819 P.S.I.

Initial Flow Period..... Minutes 30 (B) 10 P.S.I. to (C) 11 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 147 P.S.I.

Final Flow Period..... Minutes 45 (E) 12 P.S.I. to (F) 121 P.S.I.

Final Closed In Period..... Minutes 45 (G) 124 P.S.I.

Final Hydrostatic Pressure..... (H) 1816 P.S.I.

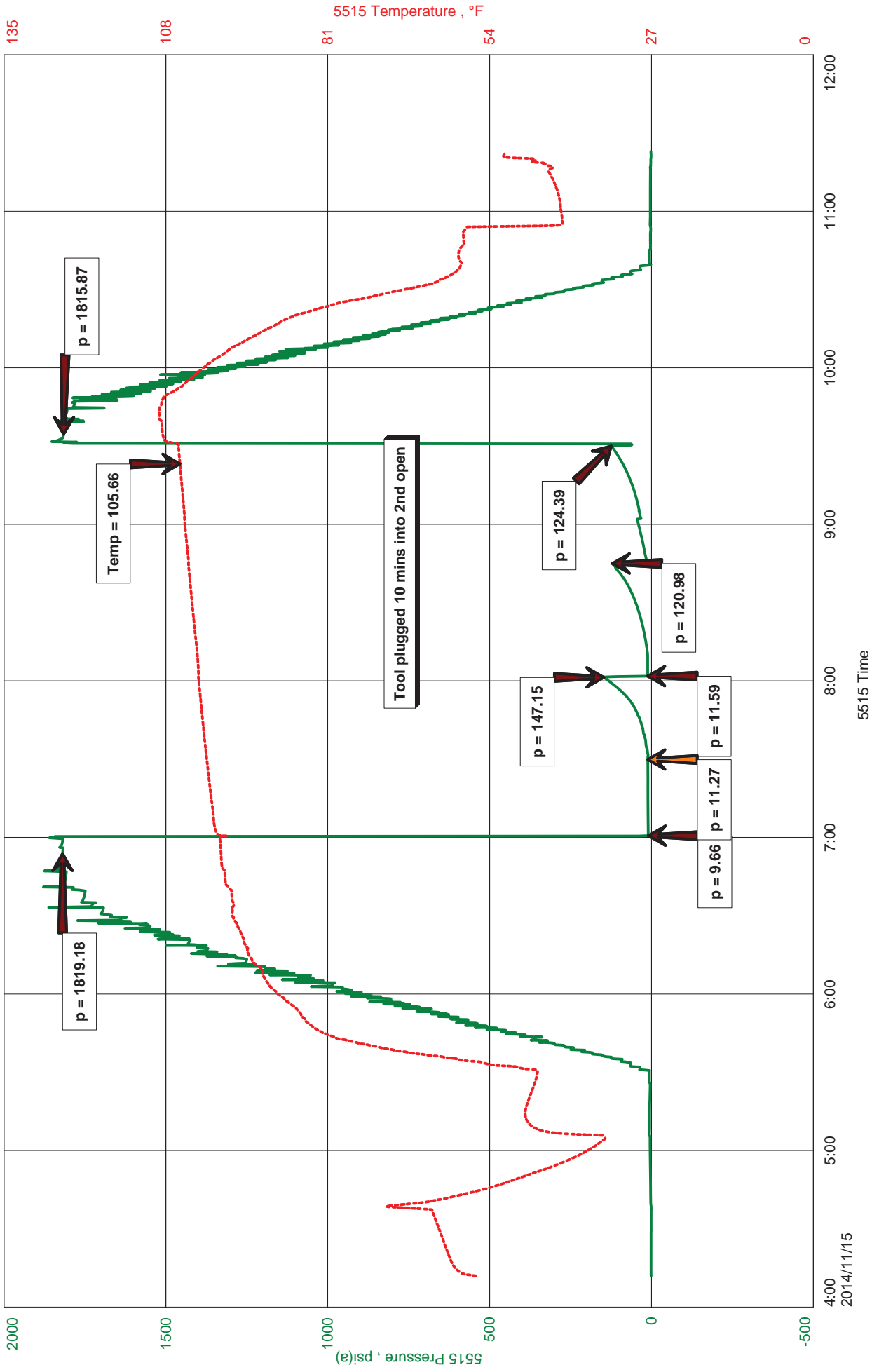
Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



Blue Ridge  
DST #2 Lans B 3930-3974'  
Start Test Date: 2014/11/15  
Final Test Date: 2014/11/15

Norman #1-11  
Formation: DST #2 Lans B 3930-3974'  
Pool: WC  
Job Number: S0516

# Norman #1-11





**Hoisington, Kansas**

**JACOB MCCALLIE**  
**620-627-7116**  
**mccallie.dtlc@gmail.com**

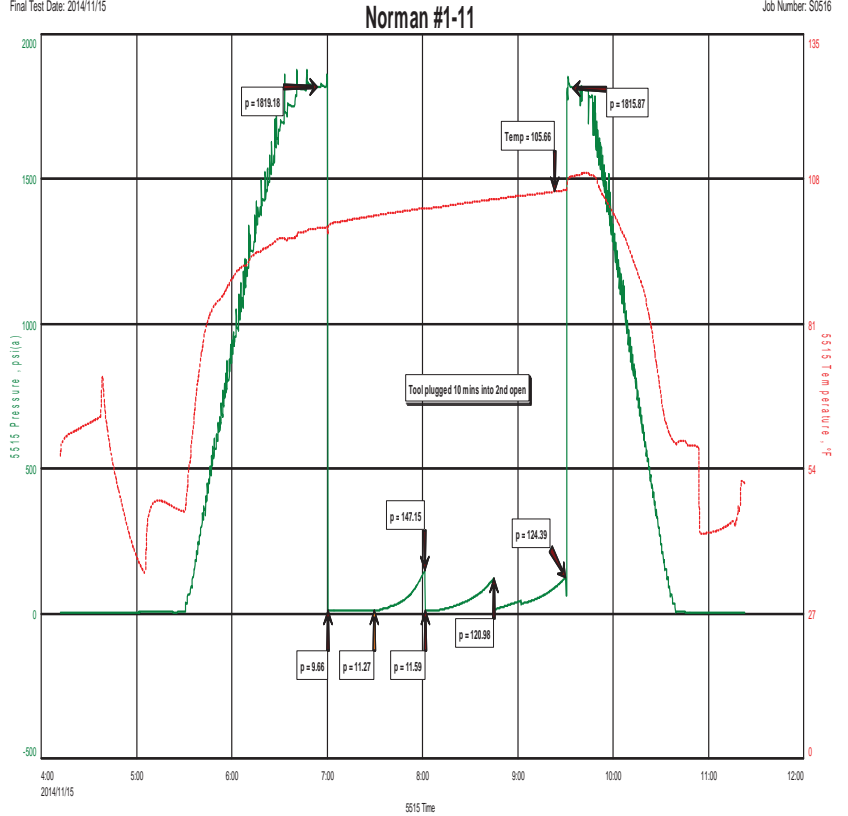
**General Information**

**Company Name** Blue Ridge

<b>Contact</b>	<b>Johnathan Allen</b>
<b>Well Name</b>	<b>Norman #1-11</b>
<b>Unique Well ID</b>	<b>DST #2 Lans B 3930-3974'</b>
<b>Surface Location</b>	<b>SEC 11-4S-32W Rawlins County</b>
<b>Field</b>	<b>WC</b>
<b>Well Operator</b>	<b>Blue Ridge</b>
<b>Test Type</b>	<b>Drill Stem Test</b>
<b>Well Type</b>	<b>Vertical</b>
<b>Formation</b>	<b>DST #2 Lans B 3930-3974'</b>
<b>Well Fluid Type</b>	<b>01 Oil</b>
<b>Test Purpose (AEUB)</b>	<b>Initial Test</b>
<b>Start Test Date</b>	<b>2014/11/15</b>
<b>Start Test Time</b>	<b>04:12:00</b>
<b>Final Test Date</b>	<b>2014/11/15</b>
<b>Final Test Time</b>	<b>11:23:00</b>
<b>Job Number</b>	<b>S0516</b>
<b>Representative</b>	<b>Jacob McCallie</b>
<b>Prepared By</b>	<b>Jacob McCallie</b>
<b>Report Date</b>	<b>2014/11/15</b>

Blue Ridge  
 DST #2 Lans B 3930-3974'  
 Start Test Date: 2014/11/15  
 Final Test Date: 2014/11/15

Norman #1-11  
 Formation: DST #2 Lans B 3930-3974'  
 Pool: WC  
 Job Number: S0516



**FLUID RECOVERY**

4' OSM 2% O 99%M

**TOOL SAMPLE:**  
 1% O 99% M



**CONSOLIDATED**  
Oil Well Services, LLC

804

INVOICE # 202030

TICKET NUMBER 47735 <sup>802</sup> <sub>815</sub>  
LOCATION Kelly Gabel  
FOREMAN Kelly Gabel

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-8-14	11617	Norman 1-11	11	4	32	Rawlins
CUSTOMER Blue Ridge			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS			83+212T 2 W to 66M Rd 14N to RIC 3/4 E 9M TO ROLYK 511+0			
CITY STATE ZIP CODE			731 COPY 693 Bill			

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 270' CASING SIZE & WEIGHT 8 5/8 24#  
CASING DEPTH 267 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 20'  
DISPLACEMENT 15 3/4 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: safety meeting, rigged up on LD drilling, broke circulation  
mixed 225 SKS com 3% cc 2% gel, displaced with 15 3/4 bbl water  
sput in.

Cement did circulate

*Thank You  
Kelly Gabel*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	1150.00	1150.00
5406	45 mi	MILEAGE	5.35	236.25
5407A	10.57 ton	Ten milege delivery	1.75	832.28
11045	225 SKS	Class A cement	18.55	4173.75
1102	634#	calcium chloride	.94	595.96
1183	423	Bentonite	.27	114.21
			Sub	710.25
			1090	710.25
			6392.20	6392.20
			SALES TAX	347.25
			ESTIMATED TOTAL	16139.91

Rawlins 3737

AUTHORIZATION R.W. White TITLE \_\_\_\_\_ DATE \_\_\_\_\_

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

911

Invoice # 82049

TICKET NUMBER 47790

LOCATION Oakley KS

FOREMAN Dane Retzlaff

FIELD TICKET & TREATMENT REPORT  
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11/18/14	1617	Norman 1-11	11	4	32	Rawlins
CUSTOMER		North of gem to RD 2 E + S into	TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS			456	Jordan		
CITY			550	Cody		
STATE						
ZIP CODE						

JOB TYPE Production HOLE SIZE 7 7/8 HOLE DEPTH 4530 CASING SIZE & WEIGHT \_\_\_\_\_  
 CASING DEPTH 4537 DRILL PIPE 4.5 TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 14.5 SLURRY VOL 1.54 WATER gal/sk 6.97 CEMENT LEFT in CASING 42.11  
 DISPLACEMENT 106.97 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting. Rig up. Run float equip. Cents on 1, 2, 3, 4, 14, 15, 16 and 43. Port collar on 42 Baskets on 42 & 41. Run casing to bottom. Plug RH + MH. mix 320 sks of Owc 5# Kol seal. Release plug. Displace 107 BBs. Final lift was 1100 psi. Plug landed at 1500 psi. Rig down.

Thank you Dane + crew

ACCOUNT CODE	QUANTITY of UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401C	1	PUMP CHARGE	3175.00	3175.00
5406	55	MILEAGE	5.25	288.75
5407	11.04	Ton Mileage Delivery	1.76	1962.60
1126	235 SKS	Owc Cement	23.70	5569.50
1110A	1175	Kol seal	.56	658.00
4104	2	5 1/2 Baskets	290.00	580.00
4130	8	5 1/2 Centralizers	61.00	488.00
4159	1	5 1/2 AFU float shoe	433.75	433.75
4454	1	5 1/2 Latchdown Assembly	567.00	567.00
4285	1	5 1/2 Port Collar	2178.75	2178.75
			sub	15001.35
			less 10%	1500.13
			Total	13501.22
			SALES TAX	744.77
			ESTIMATED TOTAL	14246.00

Form 3737

AUTHORIZATION

*[Signature]*

TITLE

DATE

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



**CONSOLIDATED**  
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

*1194*  
**INVOICE # 802306**  
*1885*  
*1201*

TICKET NUMBER 46566  
LOCATION Oakley, KS  
FOREMAN Kelly Gabel  
Miles Shaw

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-25-14	1617	Norman 1-11	11	4	32	Rawlins
CUSTOMER <u>Blue Ridge</u>			Gem N+ORAL EAS into			
MAILING ADDRESS						
CITY	STATE	ZIP CODE	TRUCK #	DRIVER	TRUCK #	DRIVER
			772+T119	Jordan		
			530+T127	Lance		

JOB TYPE Post-coker HOLE SIZE \_\_\_\_\_ HOLE DEPTH \_\_\_\_\_ CASING SIZE & WEIGHT 5 1/2  
 CASING DEPTH \_\_\_\_\_ DRILL PIPE \_\_\_\_\_ TUBING 2 7/8 OTHER PC @ 2745  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT 14.8 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: safety meeting, rigged up on well, pressured tool to 1000#  
opened tool & checked for blow, mixed 500 SKS 60/40 Poz. 8% gel 1/4 # flo-seal  
& displaced with 14 3/4 bbl water, closed tool & pressured to  
1000# ran 45TS, reversed out, lit pressure 1000# throughout  
mixing  
Cement did not circulate

*of Hank*  
*Kelly, Miles & crew*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
<del>54013</del>	1	PUMP CHARGE	1785 <sup>00</sup>	1785 <sup>00</sup>
<del>5406</del>	55 mi	MILEAGE	5 <sup>25</sup>	288 <sup>75</sup>
<del>5407A</del>	21.5	Ton mileage delivery	1 <sup>75</sup>	2069 <sup>37</sup>
<del>9131</del>	500 SKS	60/40 Poz	15 <sup>86</sup>	7930 <sup>00</sup>
<del>1188</del>	3440#	Bentonite	.27	928 <sup>80</sup>
<del>1107</del>	125#	Flo-seal	2 <sup>97</sup>	371 <sup>25</sup>
			<i>sub</i>	13,373 <sup>12</sup>
			<i>Leads 1000</i>	1,337 <sup>31</sup>
			<i>total</i>	12,035 <sup>85</sup>
			SALES TAX	656.25
			ESTIMATED TOTAL	12,692.12

Revin 3737

AUTHORIZATION *Lucky Papp*

TITLE \_\_\_\_\_ DATE 11-28-14

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



Office (620) 588-4250 212 Main St. • P.O. Box 215 • Clarita, KS 67525 Home (620) 587-3444  
 James C. Musgrove  
 Petroleum Geologist

# GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY Blueridge Petroleum Corp. ELEVATIONS  
 LEASE Norman #1-1 KB 2955  
 FIELD Windcat DF \_\_\_\_\_  
 LOCATION Sec-5E-NW-11W (1284' FUL & 1279' EWL) GL 2950  
 SEC 11 TWP 4S RGE 32W Measurements Are All From KB  
 COUNTY Rawlins STATE Kansas  
 CONTRACTOR LD Drilling Co (rig #1) CASING 5 1/2" x 26.7'  
 SPUD 11/8/2014 COMP 11/17/2014 SURFACE PRODUCTION 5 1/2" x 4539'  
 RTD 4540 LTD 4520 ELECTRICAL SURVEYS By Nabors, D.D., C.P./M.P.E., Mike's, Sank  
 MUD UP 2400 TYPE MUD chemical disposed

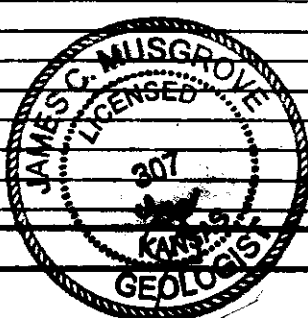
SAMPLES SAVED FROM 3500 TO \_\_\_\_\_  
 DRILLING TIME KEPT FROM 3500 TO \_\_\_\_\_ RTD  
 SAMPLES EXAMINED FROM 3600 TO \_\_\_\_\_  
 GEOLOGICAL SUPERVISION FROM 3600 TO \_\_\_\_\_  
 GEOLOGIST ON WELL Jim Musgrove

FORMATION TOPS	LOG	SAMPLES
Anhydrite	2686 +269	RTD 4540 -1585
Base Anhydrite	2730	LTD 4520 -1566
Hebner	2971 -916	
Tornato	3205 -950	
Manstog	3913 -958	
Base Kansas Clay	4454 -1199	
Powmpe	4264 -1309	
Fort Scott	4291 -836	
Cherokee Sh.	4321 -1366	
Best Sand	4447 -1492	
Mississippi	4491 -1532	

REMARKS

*5 1/2" production casing was set & cemented in Blueridge petroleum Corp Norman #1-1*

*Respectfully submitted,  
 James C. Musgrove  
 Petroleum Geologist*



## LEGEND

-  Anhydrite
-  Salt
-  Sandstone
-  Shale
-  Carb sh
-  Limestone
-  Ool. Lime
-  Chert
-  Dolomite

LOG	DRILLING TIME

LITHOLOG

DEPTH

Logarithmic Scale)

5 1 2 3 4 5 10 15 20 30

SAMPLE DESCRIPTIONS

REMARKS

20

40

60

80

3600

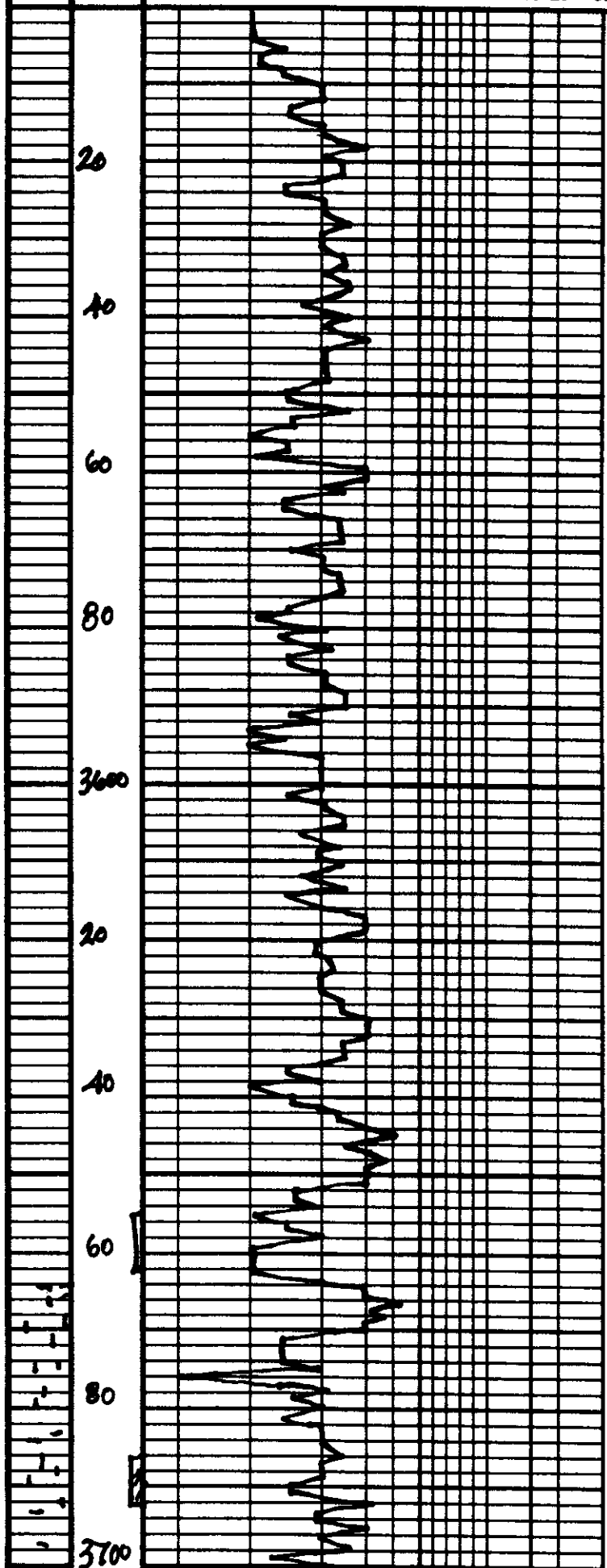
20

40

60

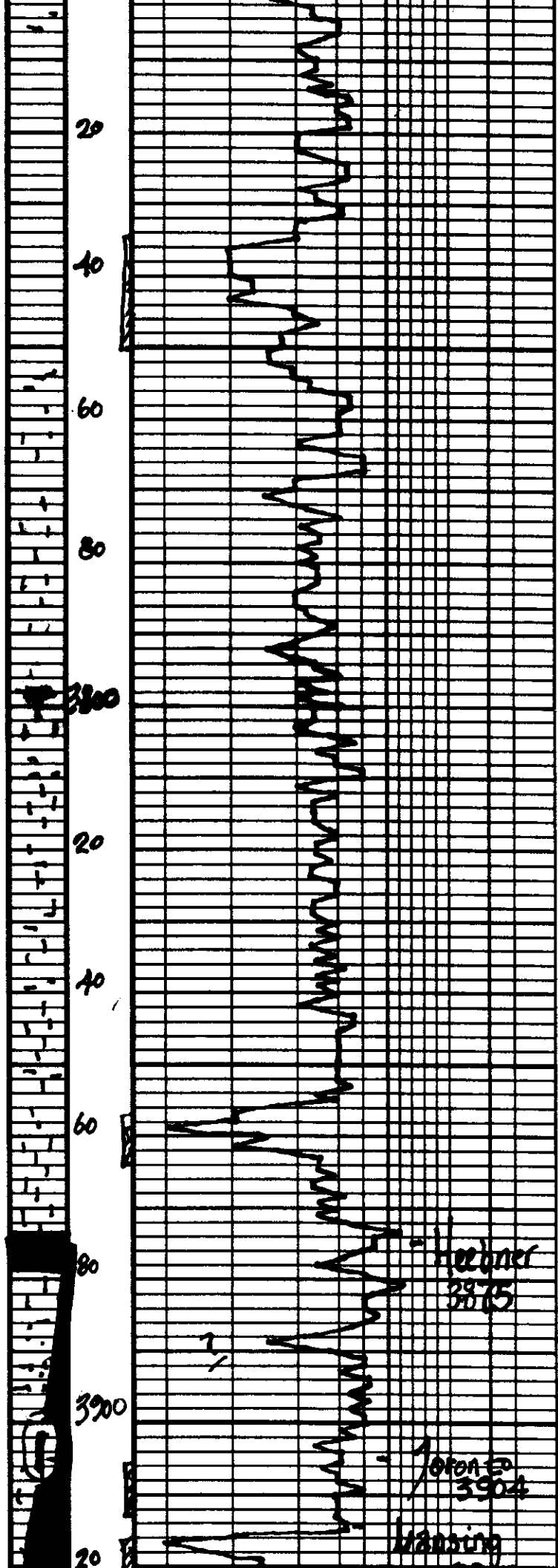
80

3700



} 7

poor samples  
 (water source)  
 100% red beds  
 & replicate samples



77

77.  
bik carb. sh

ls, gray/gray, frk, green, white; sh

77

ls, white/gray, frk, fine  
sh, dk brown, SCATT  
sh

bik carb. sh

slug mar/rusty brown  
sh  
jr. mar tinted ls,

ls, gray/wh, frk-w frs,  
SCATT, brown, dk. brown  
frk, sh, 77' elev.

Dst #1 3873-3930

45-30-30-60  
Blow/weak (5")

2nd opening; weak (5 1/2")  
Rec 80' Heavy oil  
cat mud  
(45% oil, 55% mud)  
Pressures

ISIP 1205 PM  
FSIP 1239  
IFP 11-34  
SSP 38-49  
MSW  
1877-1864 PSI

look circ. after



3913

ls, wh/gay; salt dom,  
ch. wh; 21.5 ch, 5 fo; 177 adn

Dst (300 abls)

~ 1100/1000 sh.

ls, wh/cem, fcs, weak.  
ppr - 100% fine wh/gay,  
brown sta/526; 550  
974 adn.

(lost circ.)

~ 1500/1000; slightly fcs,  
571 brown sta, 755 fo, no adn

Dst # 2  
3930-3974

~ 2000/1000 carb. sh.

30-30-45-45  
Blow, weak (1")  
2nd : no blow  
opening/  
Rec; 4' oil specked  
mud  
(2700lb; 2870 mud)

gm/man/pebbly brown sh

Pressure 1510 147

ls wh/gay, slightly  
fcs, ch. wh, poor vts  
m/s

55: D124  
20p 10-11  
(invalid) - 20p 12-12/  
176  
1812  
-1816

~ 2500/1000 sh.

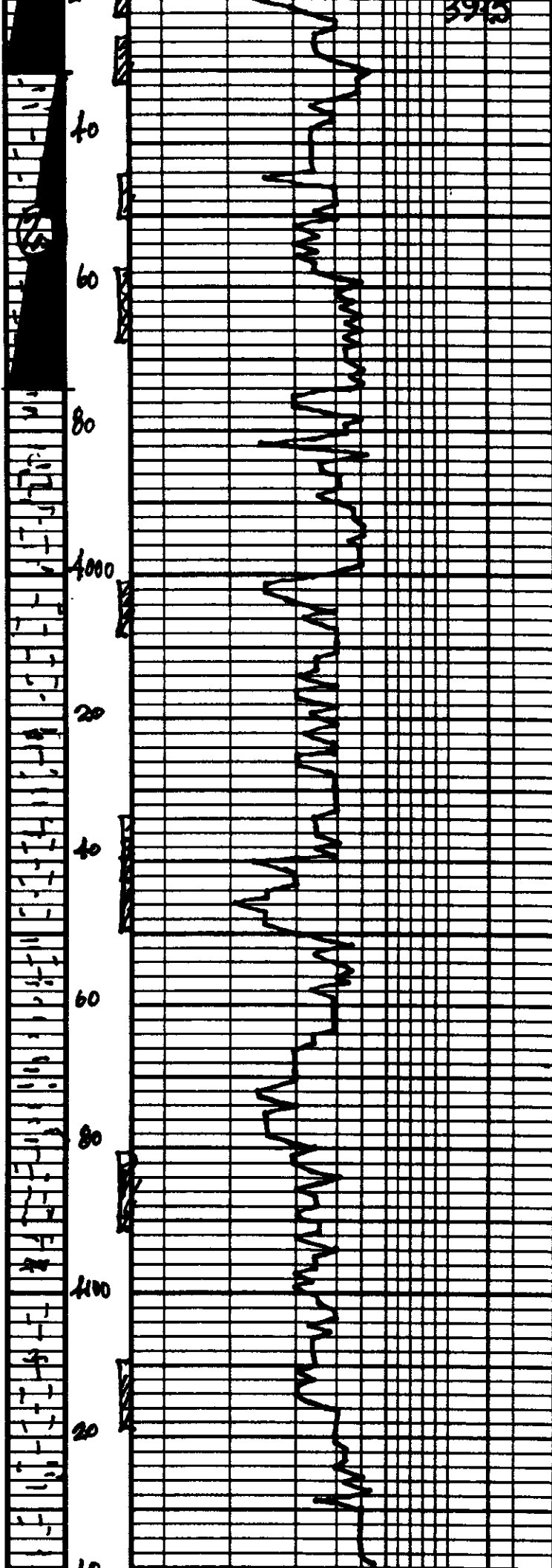
ls wh/gay; fcs, for fossil  
ch. wh; 21.5 ch, 5 fo; 177 adn  
755 fo, no adn.

v.c. soft grey sh

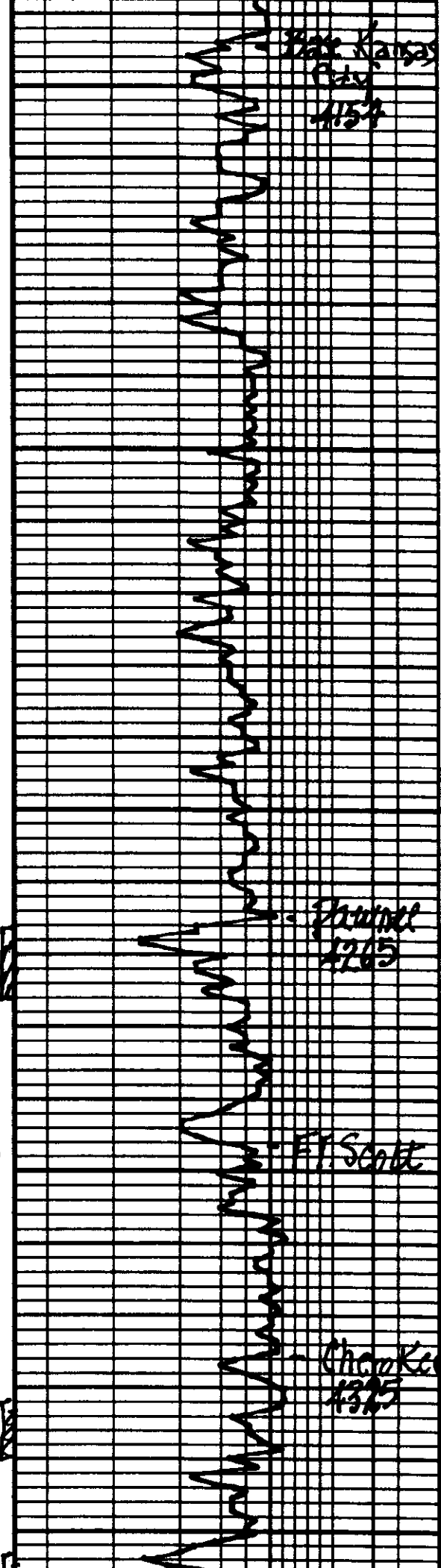
ls, wh/gay; cem, ch. wh  
pebbly dev d' m/s

~ 3000/1000 red/red; soft  
sh

ls, wh/gay, fcs, fcs  
in part - cem (d. 25)



40  
60  
80  
1200  
20  
40  
60  
80  
1200  
20  
40



Base Kansas City  
1154

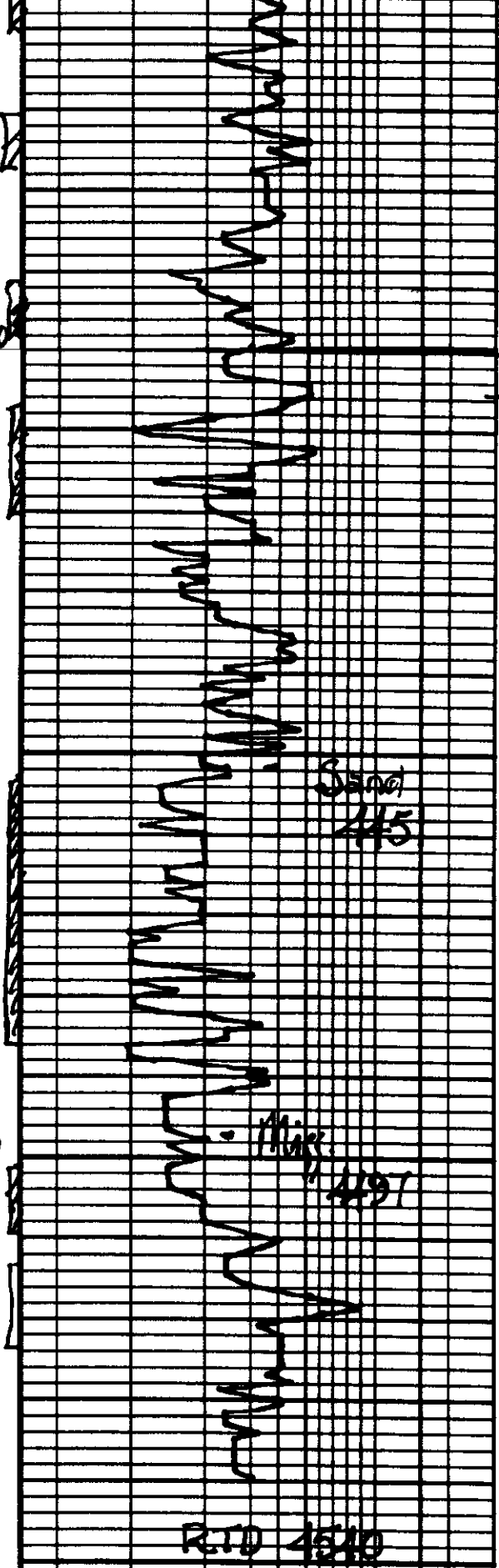
Franklin  
1265

Ft. Scott

Cherokee  
1325

Shaly vs. soft silty sh.	
gray cherty ls. / purple sh. gray sh.	
32	
ls. sh. & s.	
32	
silty purple/gray mar. sh.	
32	
ls. gray/mar. cherty & sh. & s.	
32	
ls. tan, fine gr. cherty, dense, poor vis. & s.	
32	
ls. gray/mar. sh.	
32	
ls. gray/mar. sh., cherty, few shaly, poor vis. & s.	
32	
gr. blk. carb. sh.	
ls. tan/gray, cherty = dense	
red/mar. carb. sh.	

60  
80  
1400  
20  
40  
60  
80  
1500  
20  
40



Sand  
445

Misc.  
4491

RTD 4510

LC  
L3/E sh ad  
LC  
Sd. gray, red greenish, fine  
?1. dry/brown sh, 75% no odor

a. fine m. sh  
purple sh  
sub. sh

Sand; wh. coarse  
grains; sub-rounded;  
fine sh. m.s.

+ orange wh. d

LC

Sd. wh. red/yellow, fine  
V.S. sub-rounded, fine  
Ir. glauc. sh

+ base uncom. qtz grains

abundant base uncom.  
sub-rounded qtz grains  
(fossil)

gr. red/purple sub  
wavy sh

d. wh. yellow orange, base  
(foss) few foss, Ir. glauc.

LS wh. gray; fine, few foss;  
ch. wh. ch. wh.

LC  
L3/E sh. m.s.  
+ fine sh.

Conservation Division  
266 N. Main St., Ste. 220  
Wichita, KS 67202-1513



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Shari Feist Albrecht, Chair  
Jay Scott Emler, Commissioner  
Pat Apple, Commissioner

Sam Brownback, Governor

April 09, 2015

Jonathan Allen  
Blue Ridge Petroleum Corporation  
PO BOX 1913  
ENID, OK 73702-1913

Re: ACO-1  
API 15-153-21077-00-00  
Norman 1-11  
NW/4 Sec.11-04S-32W  
Rawlins County, Kansas

Dear Jonathan Allen:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 11/08/2014 and the ACO-1 was received on April 08, 2015 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department