



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1209574  
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: \_\_\_\_\_

1209574

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
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:				

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:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  
 Flowing    Pumping    Gas Lift    Other *(Explain)* \_\_\_\_\_

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> <i>(Submit ACO-4)</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	Carter 1-35
Doc ID	1209574

All Electric Logs Run

CDN
Sonic
Dual Induction
Micro



# GLOBAL CEMENTING, L.L.C.

1341

REMIT TO 18048 170RD  
RUSSELL, KS 67665

SERVICE POINT: Russell, KS

DATE <u>5-22-14</u>	SEC. <u>35</u>	TWP. <u>3</u>	RANGE <u>27 W</u>	CALLED OUT	ON LOCATION	JOB START <u>11:30 p.m.</u>	JOB FINISH
LEASE <u>Carter</u>	WELL #. <u>1-35</u>	LOCATION			COUNTY <u>DC</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (CIRCLE ONE)							

CONTRACTOR Val #7  
 TYPE OF JOB Surface  
 HOLE SIZE \_\_\_\_\_ T.D. 222  
 CASING SIZE 8 3/4 DEPTH 222  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. 15'  
 PERFS \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_

EQUIPMENT

PUMP TRUCK CEMENTER Jarrad  
 # P1 HELPER Cody  
 BULK TRUCK DRIVER Brad  
 # B4  
 BULK TRUCK DRIVER \_\_\_\_\_  
 # \_\_\_\_\_

OWNER \_\_\_\_\_  
 CEMENT AMOUNT ORDERED 1655x com 30/100  
2 Plogel

COMMON \_\_\_\_\_ @ \_\_\_\_\_  
 POZMIX \_\_\_\_\_ @ \_\_\_\_\_  
 GEL \_\_\_\_\_ @ \_\_\_\_\_  
 CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_  
 ASC \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 HANDLING \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE \_\_\_\_\_

TOTAL \_\_\_\_\_

REMARKS:  
circulated 5 bbls water to pit,  
Thanks

CHARGE TO: Blue Ridge  
 STREET Box 1913  
 CITY Enid STATE OK ZIP 73702

SERVICE

DEPTH OF JOB \_\_\_\_\_  
 PUMP TRUCK CHARGE \_\_\_\_\_  
 EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE 26x2 @ \_\_\_\_\_  
 MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

Global Cementing, L.L.C.,  
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist 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 "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME James Shultz  
 SIGNATURE [Signature]

PLUG & FLOAT EQUIPMENT

\_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS



**CONSOLIDATED**  
Oil Well Services, LLC

268554

TICKET NUMBER 46891  
LOCATION Oakley, KS  
FOREMAN Miles Shaw

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
5-30-14	1617	Carter #1-35	35	3S	27W	Decatur
CUSTOMER			TRUCK #		DRIVER	
Blue Ridge			731		Jeremy R	
MAILING ADDRESS			603		SEAL	
CITY			STATE		ZIP CODE	

JOB TYPE PTA HOLE SIZE 7 7/8 HOLE DEPTH 3780 CASING SIZE & WEIGHT \_\_\_\_\_  
 CASING DEPTH \_\_\_\_\_ DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.8 SLURRY VOL 1.40 WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_ DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting and rig up on Val drilling Rig #7 Plug as ordered  
1<sup>st</sup> 50 SWS @ 2125'  
2<sup>nd</sup> 100 SWS @ 1425'  
3<sup>rd</sup> 50 SWS @ 275'  
4<sup>th</sup> 10 SWS @ 50' 260 SWS 60/40 per 48 gal 11# Plus  
30 SWS RH  
20 SWS MA

Thanks Miles & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405N	1	PUMP CHARGE	1395. <sup>00</sup>	1395. <sup>00</sup>
5406	4.5	MILEAGE	5.25	236.25
5407A	1118 Tons	Ton Mileage delivery	1.75	890.65
1107	65 #	Fluiseal	2.97	193.05
1118B	894 #	Beston to gel	.27	241.38
1131	260 SWS	60/40 per	15.84	4123.60
			Subtotal	7062.93
			10% discount	-706.29
			Subtotal	6356.64
			SALES TAX	293.31
			ESTIMATED TOTAL	6663.35

completed

Rev'n 3737 AUTHORIZATION [Signature] TITLE manager 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.



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: carter1-35dst1

TIME ON: 03:18  
TIME OFF: 13:07

Company Blue Ridge Petroleum Corp. Lease & Well No. Carter #1-35  
Contractor Val Rig #7 Charge to Blue Ridge Petroleum Corp.  
Elevation 2596 Sur Formation Toronto & Lans. A-B Effective Pay \_\_\_\_\_ Ft. Ticket No. S0453  
Date 5-27-14 Sec. 35 Twp. \_\_\_\_\_ 3 S Range \_\_\_\_\_ 27 W County \_\_\_\_\_ Decatur State KANSAS  
Test Approved By Jim Musgrove Diamond Representative Jacob McCallie

Formation Test No. 1 Interval Tested from 3491 ft. to 3572 ft. Total Depth 3572 ft.

Packer Depth 3486 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Packer Depth 3491 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

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

Top Recorder Depth (Inside) 3479 ft. Recorder Number 5515 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 3562 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 48 Drill Collar Length \_\_\_\_\_ ft. I.D. 2 1/4 in.

Weight 9.2 Water Loss N/C cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.

Chlorides 2,100 P.P.M. Drill Pipe Length 3465 ft. I.D. 3 1/2 in.

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

Did Well Flow? NA Reversed Out NO Anchor Length 81 (19.5 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: 1/2" Blow- Built to BB in 38 min **NOBB**

2nd Open: 1/4" Blow- Built to 10 1/2" in 45 min **NOBB**

Recovered 8 ft. of MCO 80% O 20% M

Recovered 186 ft. of SLOCHWCM 8% O 38% W 54% M

Recovered 194 ft. of TOTAL FLUID

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

Recovered \_\_\_\_\_ ft. of PH: 9 Price Job \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of RW: .18 @ 90 degrees F Other Charges \_\_\_\_\_

Remarks: CHLORIDES: 25,000 ppm Insurance \_\_\_\_\_

TOOL SAMPLE: 7% O 25% W 68% M Total \_\_\_\_\_

Time Set Packer(s) 7:36 AM A.M. P.M. Time Started Off Bottom 10:36 AM A.M. P.M. Maximum Temperature 105

Initial Hydrostatic Pressure..... (A) 1674 P.S.I.

Initial Flow Period..... Minutes 45 (B) 13 P.S.I. to (C) 61 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 1132 P.S.I.

Final Flow Period..... Minutes 45 (E) 65 P.S.I. to (F) 101 P.S.I.

Final Closed In Period..... Minutes 60 (G) 1143 P.S.I.

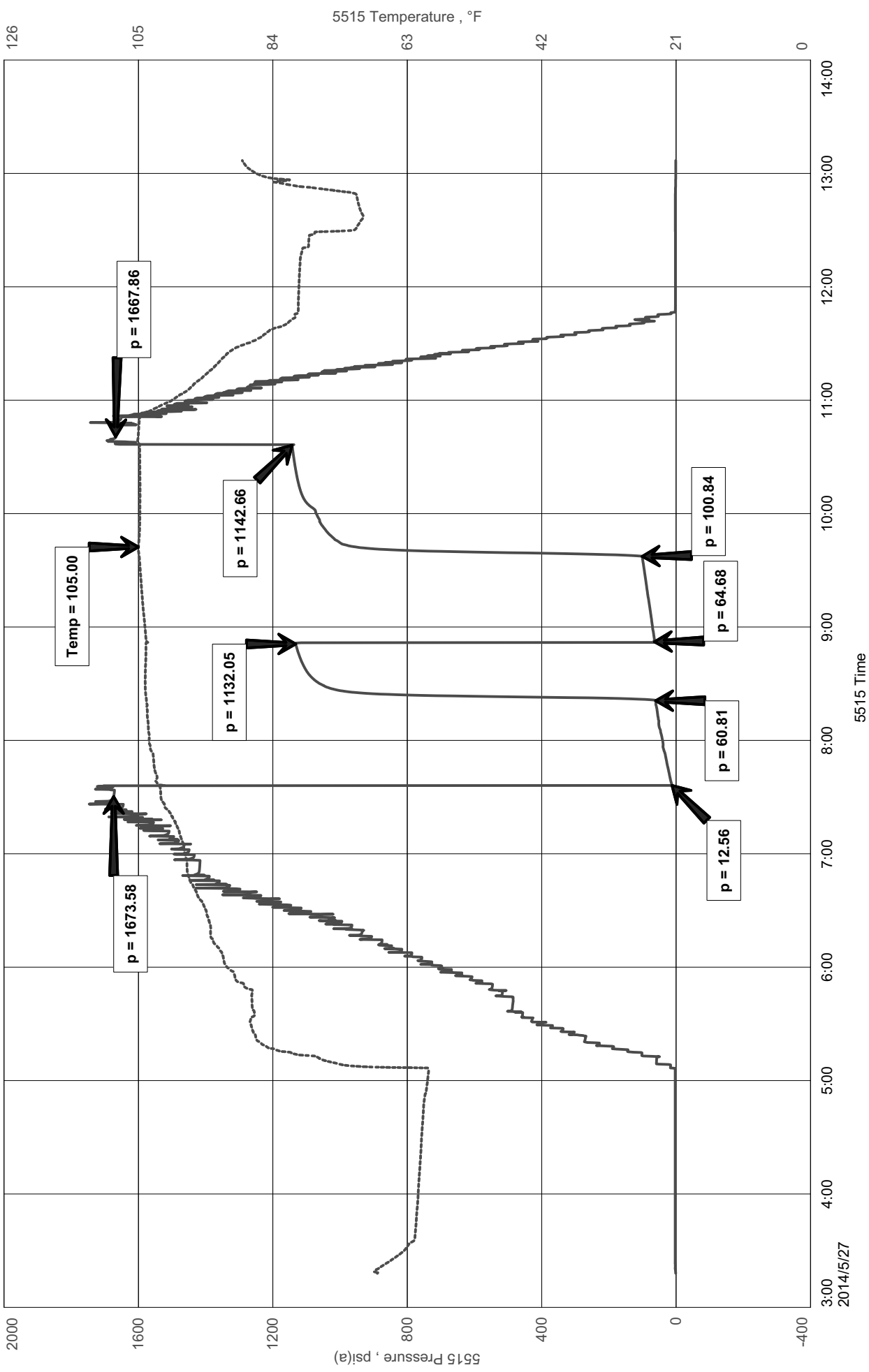
Final Hydrostatic Pressure..... (H) 1668 P.S.I.

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 Petroleum Corp.  
DST #1 Toronto & Lans. A-B 3491-3572'  
Start Test Date: 2014/05/27  
Final Test Date: 2014/05/27

Carter #1-35  
Formation: DST #1 Toronto & Lans. A-B 3491-3572'  
Pool: WC  
Job Number: S0453

# Carter #1-35





# Diamond Testing

## General information Report

### General Information

Company Name Blue Ridge Petroleum Corp.

Contact	Jonathan Allen	Job Number	S0453
Well Name	Carter #1-35	Representative	Jacob McCallie
Unique Well ID	DST #1 Toronto & Lans. A-B 3491-3572'	Well Operator	Blue Ridge Petroleum Corp.
Surface Location	SEC 35-3S-27W Decatur County	Report Date	2014/05/27
Well License Number		Prepared By	Jacob McCallie
Field	WC		
Well Type	Vertical		

Test Type	Drill Stem Test		
Formation	DST #1 Toronto & Lans. A-B 3491-3572'		
Well Fluid Type	01 Oil	Start Test Time	03:18:00
		Final Test Time	13:07:00
Start Test Date	2014/05/27		
Final Test Date	2014/05/27		
Gauge Name	5515		
Gauge Serial Number			

### Test Results

#### RECOVERED:

8'	MCO	80% O 20% M
186'	SLOCHWCM	8% O 38% W 54% M
194'	TOTAL FLUID	

PH: 9

RW: .18 @ 90 degrees F

Chlorides: 25,000 ppm

#### TOOL SAMPLE:

7% O 25% W 68% M



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: carter1-35dst2

TIME ON: 01:18  
TIME OFF: 10:03

Company Blue Ridge Petroleum Corp. Lease & Well No. Carter #1-35  
Contractor Val Rig #7 Charge to Blue Ridge Petroleum Corp.  
Elevation 2596 Sur Formation Lans. C-F Effective Pay \_\_\_\_\_ Ft. Ticket No. S0454  
Date 5-28-14 Sec. 35 Twp. 3 S Range 27 W County Decatur State KANSAS  
Test Approved By Jim Musgrove Diamond Representative Jacob McCallie

Formation Test No. 2 Interval Tested from 3563 ft. to 3660 ft. Total Depth 3660 ft.

Packer Depth 3558 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Packer Depth 3563 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

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

Top Recorder Depth (Inside) 3551 ft. Recorder Number 5515 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 3629 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 \_\_\_\_\_ Drill Collar Length -- ft. I.D. 2 1/4 in.

Weight \_\_\_\_\_ Water Loss \_\_\_\_\_ cc. Weight Pipe Length -- ft. I.D. 2 7/8 in.

Chlorides \_\_\_\_\_ P.P.M. Drill Pipe Length 3537 ft. I.D. 3 1/2 in.

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

Did Well Flow? NA Reversed Out NO Anchor Length 97 (35.5 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: 3/4" Blow- Built to 12 3/4" in 30 min 1 1/4" BB

2nd Open: 1" Blow- Built to BB in 15 min 6 1/2" BB

Recovered 240 ft. of GIP

Recovered 70 ft. of CO 100% O GRAVITY: 34.5 @ 60 degrees F

Recovered 62 ft. of SLG&OCHWCM 2% G 18% O 33% W 47% M

Recovered 62 ft. of SLG&OCHMCW 4% G 5% O 51% W 40% M

Recovered 186 ft. of SLO&GCSLMCW 4% G 2% O 79% W 15% M

Recovered 380 ft. of TOTAL FLUID

Remarks: PH: 7 RW: .1 @ 85 degrees F Chlorides: 62,000 ppm

TOOL SAMPLE: 100% CO

Time Set Packer(s) 4:45 AM A.M. P.M. Time Started Off Bottom 7:30 AM A.M. P.M. Maximum Temperature 109

Initial Hydrostatic Pressure..... (A) 1734 P.S.I.

Initial Flow Period..... Minutes 30 (B) 20 P.S.I. to (C) 97 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 1162 P.S.I.

Final Flow Period..... Minutes 45 (E) 103 P.S.I. to (F) 182 P.S.I.

Final Closed In Period..... Minutes 60 (G) 1163 P.S.I.

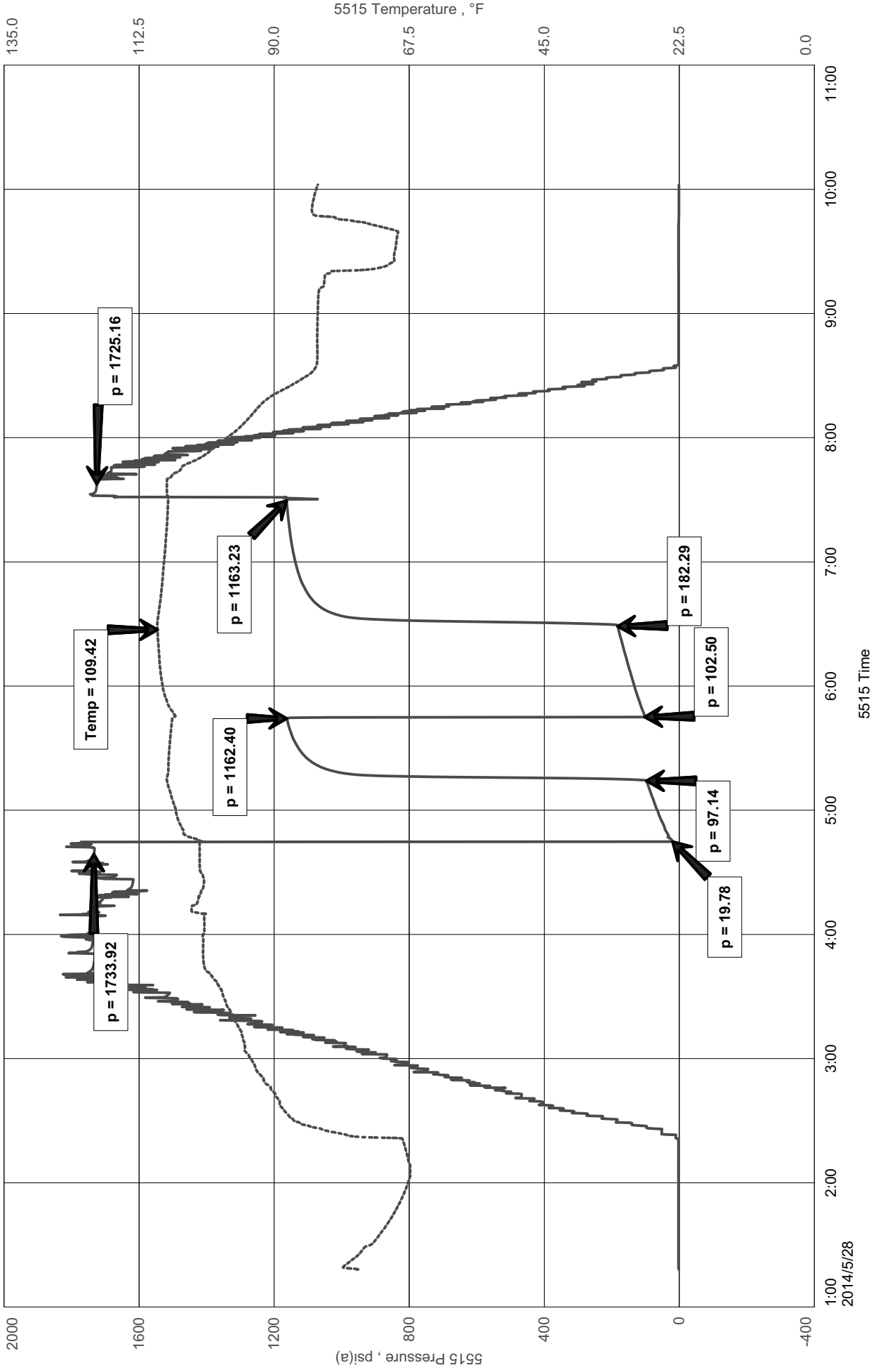
Final Hydrostatic Pressure..... (H) 1725 P.S.I.

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 Petroleum Corp  
DST #2 Lansing 3563-3660'  
Start Test Date: 2014/05/28  
Final Test Date: 2014/05/28

Carter #1-35  
Formation: DST #2 Lansing 3563-3660'  
Pool: WC  
Job Number: S0454

# Carter #1-35



# Diamond Testing

## General information Report

### General Information

Company Name Blue Ridge Petroleum Corp

Contact	Jonathan Allen	Job Number	S0454
Well Name	Carter #1-35	Representative	Jacob McCallie
Unique Well ID	DST #2 Lansing 3563-3660'	Well Operator	Blue Ridge Petroleum Corp
Surface Location	SEC 35-3S-27W Decatur County	Report Date	2014/05/28
Well License Number		Prepared By	Jacob McCallie
Field	WC		
Well Type	Vertical		

Test Type	Drill Stem Test		
Formation	DST #2 Lansing 3563-3660'		
Well Fluid Type	01 Oil	Start Test Time	01:18:00
		Final Test Time	10:03:00
Start Test Date	2014/05/28		
Final Test Date	2014/05/28		
Gauge Name	5515		
Gauge Serial Number			

### Test Results

#### RECOVERY:

240'	GIP	100% O	GRAVITY: 34.5 @ 100 degrees F
70'	CO		
62'	SLG&OCHWCM	2% G 18% O 33% W 47% M	
62'	SLG&OCHMCW	4% G 5% O 51% W 40% M	
186'	SLO&GCSLMCW	4% G 2% O 79% W 15% M	
380'	TOTAL FLUID		

PH: 7

RW: .1 @ 85 degrees F

Chlorides: 62,000 ppm

#### TOOL SAMPLE:

100% O



**DIAMOND TESTING**  
 P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
 (800) 542-7313  
**DRILL-STEM TEST TICKET**  
 FILE: carter1-35dst3

TIME ON: 5-28 23:29  
 TIME OFF: 5-29 07:10

Company Blue Ridge Petroleum Corp. Lease & Well No. Carter #1-35  
 Contractor Val Rig #7 Charge to Blue Ridge Petroleum Corp.  
 Elevation 2596 Sur Formation Lans. H-J Effective Pay \_\_\_\_\_ Ft. Ticket No. S0455  
 Date 5-29-14 Sec. 35 Twp. 3 S Range 27 W County Decatur State KANSAS  
 Test Approved By Jim Musgrove Diamond Representative Jacob McCallie

Formation Test No. 3 Interval Tested from 3657 ft. to 3740 ft. Total Depth 3740 ft.

Packer Depth 3652 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Packer Depth 3657 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

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

Top Recorder Depth (Inside) 3645 ft. Recorder Number 5515 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 3722 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 -- ft. I.D. 2 1/4 in.

Weight 9.3 Water Loss 7.8 cc. Weight Pipe Length -- ft. I.D. 2 7/8 in.

Chlorides 2,400 P.P.M. Drill Pipe Length 3631 ft. I.D. 3 1/2 in.

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

Did Well Flow? NA Reversed Out NO Anchor Length 83 (21.5A) 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: 1/4" Blow- Built to 3/4" then died in 28 1/2 min **NOBB**

2nd Open: No Blow- No Build **NOBB**

Recovered 5 ft. of SLOCM 5% O 95% M

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

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

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

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

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

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

TOOL SAMPLE: 7% O 93% M

Time Set Packer(s) 2:19 AM <sup>A.M.</sup>/<sub>P.M.</sub> Time Started Off Bottom 4:49 AM <sup>A.M.</sup>/<sub>P.M.</sub> Maximum Temperature \_\_\_\_\_

Initial Hydrostatic Pressure..... (A) 1783 P.S.I.

Initial Flow Period..... Minutes 45 (B) 12 P.S.I. to (C) 14 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 40 P.S.I.

Final Flow Period..... Minutes 30 (E) 15 P.S.I. to (F) 15 P.S.I.

Final Closed In Period..... Minutes 45 (G) 36 P.S.I.

Final Hydrostatic Pressure..... (H) 1780 P.S.I.

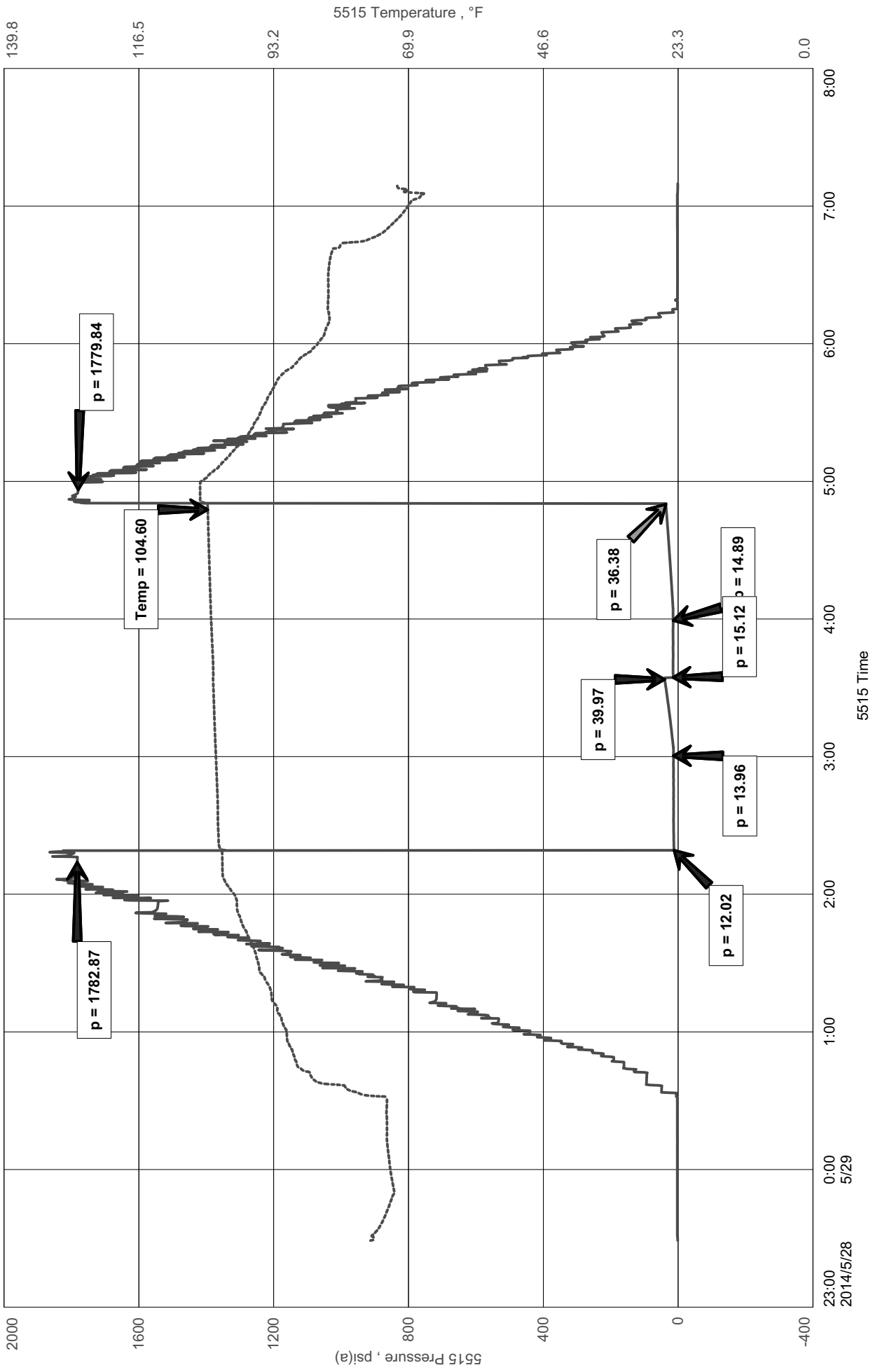
Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged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

Price Job
Other Charges
Insurance
Total

Blue Ridge Petroleum Corp.  
 DST #3 Lans H-J 3657-3740'  
 Start Test Date: 2014/05/28  
 Final Test Date: 2014/05/29

Carter #1-35  
 Formation: DST #3 Lans H-J 3657-3740'  
 Pool: WC  
 Job Number: S0455

# Carter #1-35



# Diamond Testing

## General information Report

### General Information

Company Name Blue Ridge Petroleum Corp.

Contact	Jonathan Allen	Job Number	S0455
Well Name	Carter #1-35	Representative	Jacob McCallie
Unique Well ID	DST #3 Lans H-J 3657-3740'	Well Operator	Blue Ridge Petroleum Corp.
Surface Location	SEC 35-3S-27W Decatur County	Report Date	2014/05/29
Well License Number		Prepared By	Jacob McCallie
Field	WC		
Well Type	Vertical		

Test Type	Drill Stem Test		
Formation	DST #3 Lans H-J 3657-3740'		
Well Fluid Type	01 Oil	Start Test Time	23:29:00
		Final Test Time	07:10:00
Start Test Date	2014/05/28		
Final Test Date	2014/05/29		
Gauge Name	5515		
Gauge Serial Number			

### Test Results

RECOVERED:  
5' SLOCM 5% O 95% M

TOOL SAMPLE:  
7% O 93% M



Office (620) 588-4250 212 Main St. • P.O. Box 215 • Clarlin, KS 67525  
 Home (620) 587-3444

# GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY Blueridge Petroleum Corp.  
 LEASE Carter #1-35  
 FIELD Windcat  
 LOCATION Se. Ne-SW-SW (880' FSL & 1014' FWL)  
 SEC 35 TWP 3 S RGE 27 W  
 COUNTY Decatur STATE Kansas  
 CONTRACTOR Yak Energy Co. (rig # 7)  
 SPUD 5/22/14 COMP 5/29/14  
 RTD 3780 LTD 3780 chem. cal  
 MUD UP 3100 + TYPE MUD displaced

SAMPLES SAVED FROM 3200 TO TO  
 DRILLING TIME KEPT FROM 3200 TO TO  
 SAMPLES EXAMINED FROM 3200 TO TO  
 GEOLOGICAL SUPERVISION FROM 3370 TO TO  
 GEOLOGIST ON WELL Jim Musgrove

FORMATION TOPS	LOG	SAMPLES
<u>Anhydrite</u>	<u>2140 +466</u>	
<u>Base Anhydrite</u>	<u>2171 +435</u>	
<u>Topoka</u>	<u>3324 - 718</u>	
<u>Hesner</u>	<u>3492 - 886</u>	
<u>Toronto</u>	<u>3520 - 914</u>	
<u>Unsting</u>	<u>3633 - 927</u>	
<u>Base Kansas City</u>	<u>3729 - 1123</u>	
<u>RTD</u>	<u>3780 - 1174</u>	
<u>LTD</u>	<u>3780 - 1174</u>	

ELEVATIONS  
 KB 2606  
 DF \_\_\_\_\_  
 GL 2596  
 Measurements Are All From KB

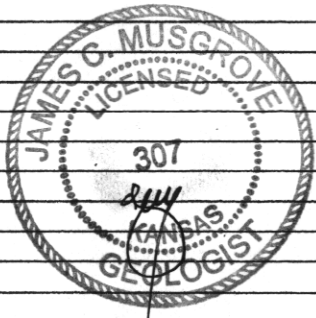
SURFACE CASING 85/81/221  
 PRODUCTION none

ELECTRICAL SURVEYS  
 By Nabors. Dual induction,  
 compensated Density/Neutron,  
 & Micro and Sonic

REMARKS

The Carter #1 was plugged & abandoned at the RTD 3780(-1174)

Respectfully submitted,  
 James C. Musgrove  
 Petroleum Geologist



LEGEND

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

5057

7077 301

DRILLING TIME



LITHOLOG

DEPTH

DRILLING TIME  
(Logarithmic Scale)

SAMPLE DESCRIPTIONS

REMARKS

.5 1 2 3 4 5 10 15 20 30

20

40

60

80

3300

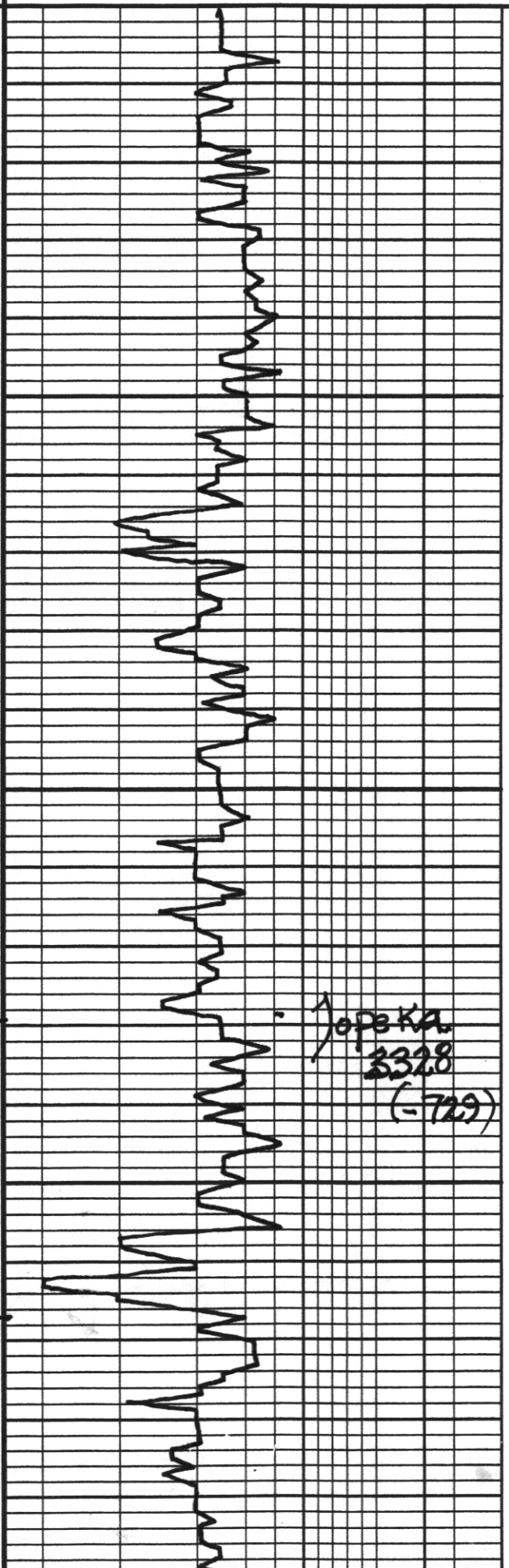
20

40

60

80

3400



~~3599~~? KB-  
2606  
Corrected

~ grey/red - brick red brown  
silty sh

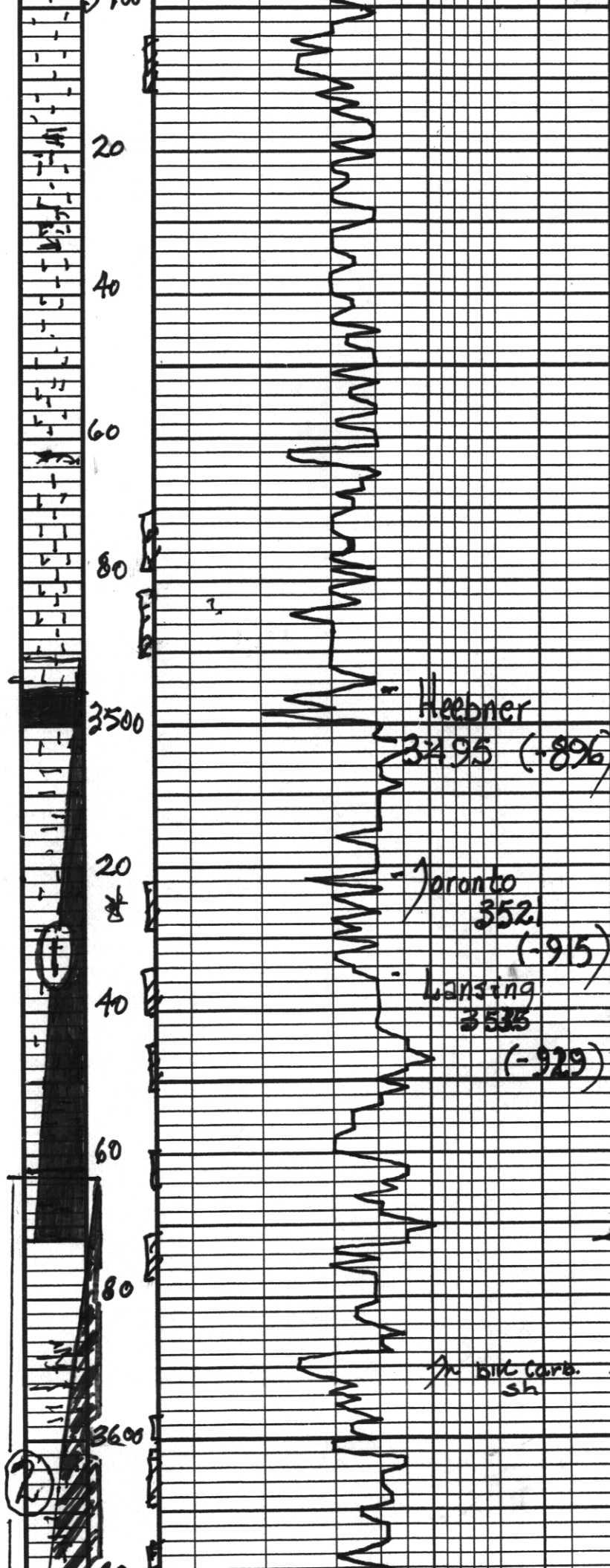
Top of KA  
3328  
(-72.9)

LS, wh/gry; ool; slighty  
cherty;  $FeS_2$   
~  
~

~ grey green / mar - brick red  
silty sh. / calc siltsstone

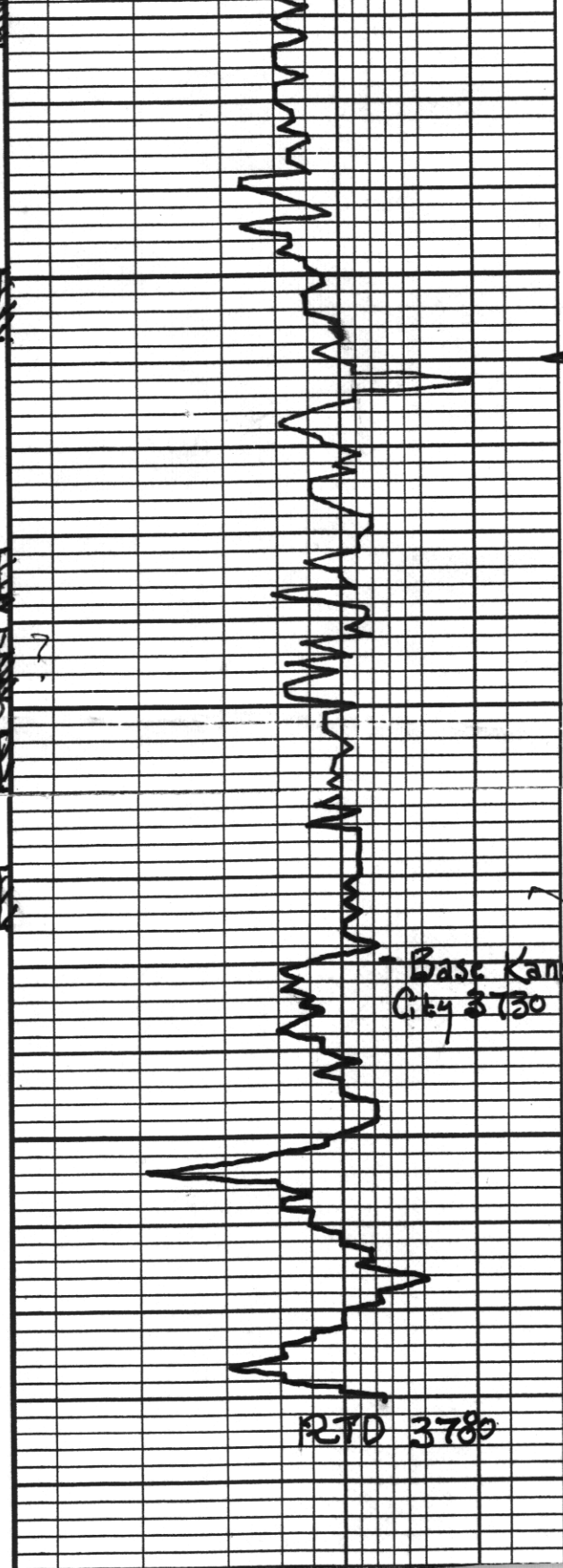
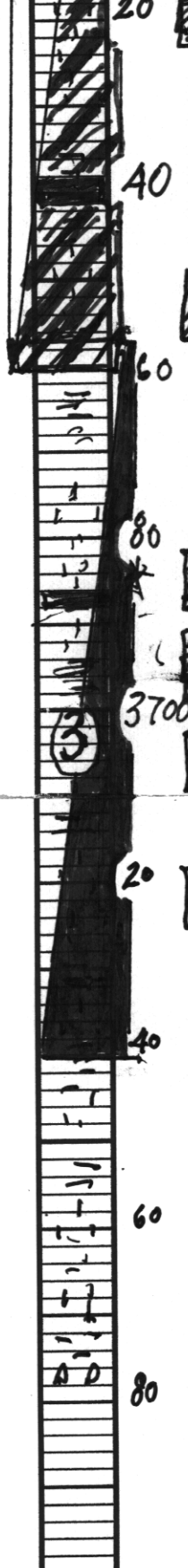
LS, gry/wh, f - med x L;  
foss: cherty;  $FeS_2$   
~  
~

LS, (L), highly foss, fr o'



~ ls, wh; gray, foss, cherty  
 few sh, sparry calcite  
 cement  
 ~ Jr. blk carb. sh  
 ~ gray/green silty carb. sh  
 ls, wh; gray/crm (x'l,  
 few foss, cherty)  
 poor of sh  
 ~ blk carb. sh  
 ls, wh, foss, cherty, poor of sh  
 Jr. blk tarry sh, no odor  
 ~ aa + wh A  
 ~ slug blk carb. sh.  
 ~ musty brn; silty sh  
 few dolomitic nt  
 ls, wh/crm (x'l; ool. st. d. o.  
 cherty in part, brown sh;  
 spo. ? odor.  
 ls, wh/gray, ool. cherty  
 good sh  
 ls, gray, wh, foss, cherty  
 Jr. sh, spo, no odor  
 ls, crm, wh, f med sh  
 ool, cherty in part, brown  
 sh, spo, ??? odor  
 ls, wh/crm, foss, cherty  
 Jr. brown sh, spo  
 no odor  
 ~ man./brick red soft sh  
 + Jr. gray/amber opaline  
 ls, tan, foss, cherty  
 Jr. poor brown sh, Jr. sh,  
 no odor.

Dst # 1 3491-3572  
 45-30-45-60  
 Blow, string  
 (Bob 38 mins)  
 2nd opening, string/good  
 (10 1/2 inches)  
 Rec; 8' mud cut oil  
 (80% oil; 20% mud)  
 186' slightly oil  
 cut watery mud  
 (89% oil; 38% water  
 54% mud)  
 Pressures: Isip 1132  
 fsi p 1143  
 Isip 13-61  
 fsi p 65-101  
 HSH  
 1674  
 -1668 psi  
 Dst # 2 3563-3660  
 30-30-45-60  
 Blow, string  
 (Bob 12 1/2")  
 2nd opening, string  
 (Bob 15 min)



ls) wh/gry, fxl, oil in part) brown/stn, wk. sfo, no odor

mar/brick red, gummy soft sh, 7r. blk carb sh

ls, wh/crm, fxl, oil/foss, chky in part, cast. vuggy, brown stn, 7r. sp, no odor

mar/rusty brown/green, silty sh.

ls, crm, wh, oil, chky in part, fr. stn/sst, 5r. sh, sfo/gassy, no odor

gry/mar/brick red sh.

ls, wh/gry/crm, oil, sst, fr. brown stn, 7r. sp

ls) crm, wh, chky, oil/foss, 7r. stn, sfo, no odor

ls, wh, fxl, chky, blk/gry stn, sfo, no odor

gry/mar silty sh

gry, tan tinted ls

mar/brick red, purplish gry soft silty sh.

mar, tan tinted ls, 7r. wh A

Rec; 240 gas in pipe  
70' clean oil  
62' oil & gas cut  
muddy water  
(270 gas) (1870 oil)  
33% water; 47% mud

62' slightly oil & gas cut/muddy water  
(490 gas; 5900 oil) 590 water  
40% mud

186' soft crm 79% H<sub>2</sub>O  
(490 gas; 2200 oil) 15% mud  
- new bit changed bit

Pressures; Isip 1162 psi  
fsip 1163  
Isp 20-97  
fsp 103-182  
HSH  
1734-1725 psi

DST #3 3657-3740  
45-30-30-45  
Blow, weak  
(died 28 mins)  
2nd opening; none  
REC; 5' slightly oil cut/mud  
(5900 oil) 95% mud

Pressures; Isip 40 psi  
fsip 36  
Isp 12-14  
fsp 15-15  
HSH  
1783  
-1780 psi

Base Kansas City 3730

RTD 3780