



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1216384  
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
-----------------------------------	-----------------	---

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: \_\_\_\_\_

1216384

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

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

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
--	---

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
----------------	-------	---------	------------	---

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> _____				
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> _____ _____
--	--	---





PO Box 884, Chanute, KS 66720  
620-431-8210 or 800-487-8876

268759

TICKET NUMBER 46938  
LOCATION Oakley, Ks  
FOREMAN Walt Dunkel

### FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-5-14	2930	Rippe 1-13	13	2 <sup>s</sup>	32 <sup>w</sup>	Rawlins
CUSTOMER Forestar			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS			399	Michael R.		
CITY			460	Jake H.		
STATE		ZIP CODE				

*Harudon YRD - W to 32 15-1w 15-1/2w 1/4 S*

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 223' CASING SIZE & WEIGHT 8 5/8  
 CASING DEPTH 211' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 15.2 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT IN CASING 15-20'  
 DISPLACEMENT 12.0 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 5 BPM

REMARKS: Safety Meeting, rig up on Excoll #10, Cure casing on bottom mixed 200 s/s com, 3%acc - 2% lat, Displace 12 BBL H<sub>2</sub>O shut in

Cement Did Cure

Thank You  
Walt Dunkel

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	1,150.00	1,150.00
5406	75	MILEAGE	5.25	393.75
5407A	9.4	Ton mileage Delivery	1.75	1,233.75
11045	200 s/s	Class A Cement	18.55	3,710.00
1102	564	Calcium Chloride	.94	530.16
1118B	376	6el	.27	101.52
			completed <input checked="" type="checkbox"/>	7,119.10
			Less 10% Salt	-711.92
				6,407.26
			SALES TAX	308.69
			ESTIMATED TOTAL	6,715.95

Revin 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

*copy*  
*268883*

TICKET NUMBER 46991  
LOCATION Oakley, KS  
FOREMAN Dane Petzeloff

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	KS COUNTY
6-14-14	2930	Rippe 1-13	13	2	13	Randolph
CUSTOMER <u>Forestar Petroleum</u>			Herdon K0. 20 V West to 2D 32 South 1 mile West 1 mile South to 2G			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			399	Mike		
STATE			589	Jake		
ZIP CODE						

JOB TYPE Production HOLE SIZE 7 7/8 HOLE DEPTH 4440 CASING SIZE & WEIGHT 5 1/2 15.5  
CASING DEPTH 4440 DRILL PIPE 4.5 TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
SLURRY WEIGHT 12.5/14.3 SLURRY VOL 1.74 / 1.56 WATER gal/sk 9.28 / 6.97 CEMENT LEFT in CASING 20.82  
DISPLACEMENT 97 DISPLACEMENT PSI 200 MIX PSI 200 RATE Mix rate 5.8815 ps/min / displacement 6 bbls

REMARKS: Softest meeting. Rig up. Run float equipment. Cents on 1, 3, 5, 7, 9, 11, 13, 15, 17. Basket on 2. Circulate 1 hr. Pump 500 gal of mud flush with 5 BBLs of water ahead and behind. Plug bathole and mousehole. Mix 245 sks of 60/40 870 bentonite 1/4 flo seal (26.8 slurry bbls) tailed in by 60 sks of Ouzc 5# Kol seal (16.7 slurry bbls). Wash pump & lines. Release plug. Displace 97 BBLs of water. Plug landed at 1000 psi. Final lift pressure 950 psi. Rig down

*Thanks Dane + crew*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401K	1	PUMP CHARGE	3175.00	3175.00
5406	85	MILEAGE	5.25	446.25
5407A	14.86	Ton Mileage Delivery	1.75	2210.85
1126	60 SKS	Dier. Cement	23.70	1422.00
1131	280 SKS	60/40 Poz mix	15.84	4440.80
1118B	1936	Bentonite	.27	530.02
1107	70	Flo Seal	2.97	207.90
1110A	300	KOL Seal	.56	148.00
1142H	5 gal	KLT	41.10	205.50
1144G	500 gal	mud flush	1.00	500.00
7104	1	5 1/2 Basket	290.00	290.00
4130	9	5 1/2 Centralizers	61.00	549.00
7157	1	5 1/2 Afu Float shoe	433.75	433.75
4454	1	5 1/2 latchdown Plug Assembly	367.00	367.00
			546	19136.07
			1090	1513.61
		Total		13622.46

**complete!**

SALES TAX ESTIMATED TOTAL 14283.96

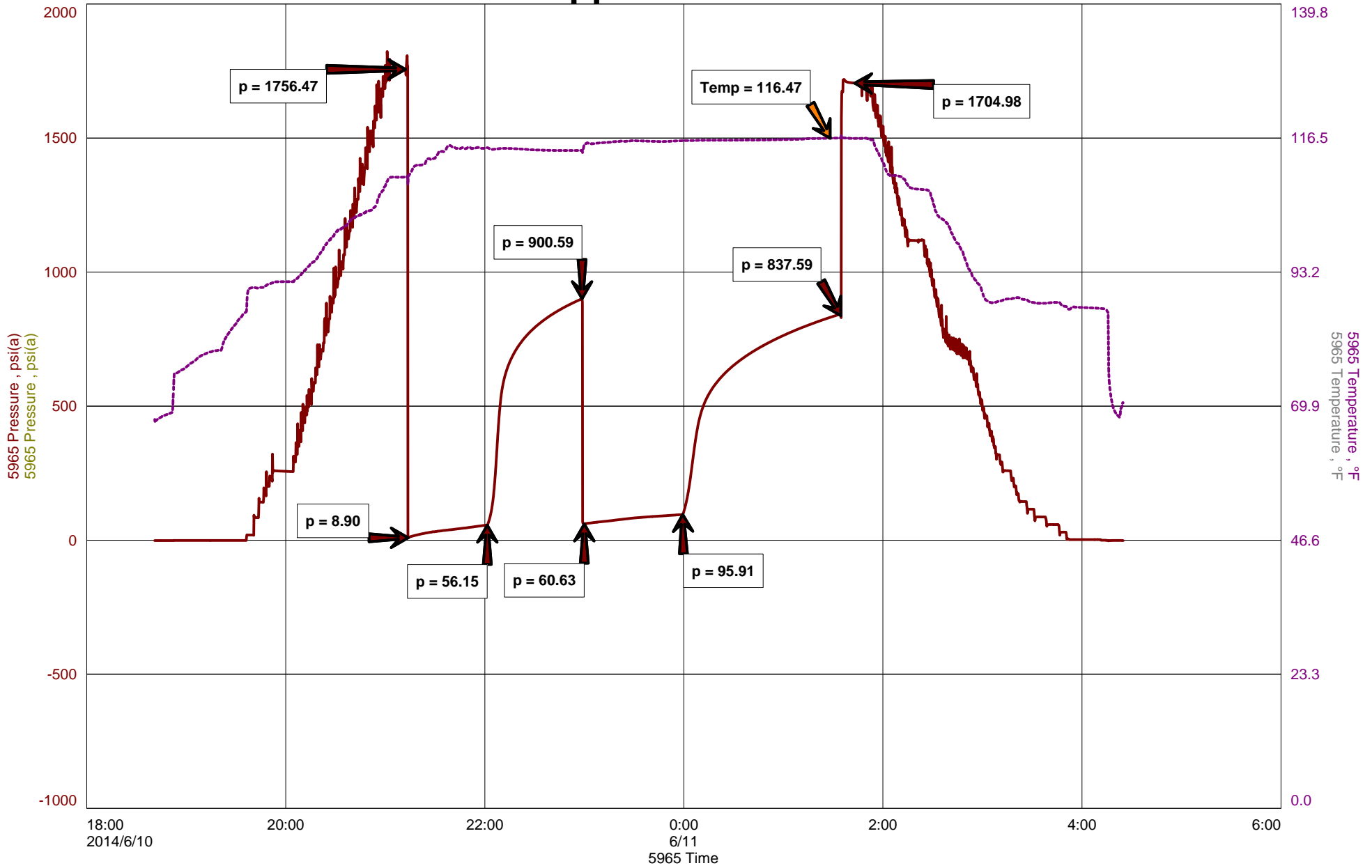
Revin 3737

AUTHORIZATION

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.

# Rippe 1-13 DST 1





# Diamond Testing General Report

**Wilbur Steinbeck**  
**TESTER**  
**CELL: 620-282-1573**

## General Information

<b>Company Name</b>	Forestar Petro Corp	<b>Job Number</b>	W082
<b>Contact</b>		<b>Representative</b>	Wilbur Steinbeck
<b>Well Name</b>		<b>Well Operator</b>	Excell 10
<b>Unique Well ID</b>	DST 1 Lan A 3684-3740	<b>Report Date</b>	2014/06/10
<b>Surface Location</b>	13-2s-31w Rawlins/Kansas	<b>Prepared By</b>	Wilbur Steinbeck
<b>Field</b>	Wildcat	<b>Qualified By</b>	Mike Morgan

## Test Information

<b>Test Type</b>	Conventional
<b>Formation</b>	Lan A
<b>Well Fluid Type</b>	01 Oil
<b>Test Purpose (AEUB)</b>	Initial Test

<b>Start Test Date</b>	2014/06/10	<b>Start Test Time</b>	18:41:00
<b>Final Test Date</b>	2014/06/11	<b>Final Test Time</b>	04:32:00

## Test Recovery

**Recovery**      75' Free Oil  
 120' GOCM 10%G 35%O 55%M  
 195' Total Fluid

**Tool Sample** OCM 40%O 60%M

**Corrected Gravity** 32.6



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: Rippe 1-13 DST 1

TIME ON: 18:41  
TIME OFF: 4:32

Company Forestar Petro Corp Lease & Well No. Rippe 1-13  
Contractor Excell 10 Charge to Forestar  
Elevation 2772 KB Formation \_\_\_\_\_ Lan A Effective Pay \_\_\_\_\_ Ft. Ticket No. W082  
Date 6-10-14 Sec. 13 Twp. \_\_\_\_\_ 2 S Range \_\_\_\_\_ 32 W County \_\_\_\_\_ Rawlins State KANSAS  
Test Approved By Charlie Studavant Diamond Representative Wilbur Steinbeck

Formation Test No. 1 Interval Tested from 3684 ft. to 3740 ft. Total Depth 3740 ft.

Packer Depth 3679 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Packer Depth 3684 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

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

Top Recorder Depth (Inside) 3670 ft. Recorder Number 5965 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 3685 ft. Recorder Number 5446 Cap. 5,000 P.S.I.

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

Mud Type CHEMICAL Viscosity 53 Drill Collar Length 300 ft. I.D. 2 1/4 in.

Weight 8.9 Water Loss 5.6 cc. Weight Pipe Length 240 ft. I.D. 2 7/8 in.

Chlorides 800 P.P.M. Drill Pipe Length 3111 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number 07 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.

Did Well Flow? Yes Reversed Out No Anchor Length 56 ft. Size 4 1/2-FH in.

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

Blow: 1st Open: Built to 11" No Return

2nd Open: Built to 10" No Return

Recovered 75 ft. of Free Oil

Recovered 120 ft. of GOCM 10%G 35%O 55%M

Recovered 195 ft. of Total Fluid

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

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

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

Remarks: Shale Packer Used 95 RT Miles Access Charge

Tool Sample OCM 40%O 60%M Insurance

Corrected Gravity 32.6 Total

Time Set Packer(s) 21:20 A.M. P.M. Time Started Off Bottom 1:35 A.M. P.M. Maximum Temperature 116

Initial Hydrostatic Pressure..... (A) 1756 P.S.I.

Initial Flow Period..... Minutes 45 (B) 9 P.S.I. to (C) 56 P.S.I.

Initial Closed In Period..... Minutes 60 (D) 901 P.S.I.

Final Flow Period..... Minutes 60 (E) 61 P.S.I. to (F) 96 P.S.I.

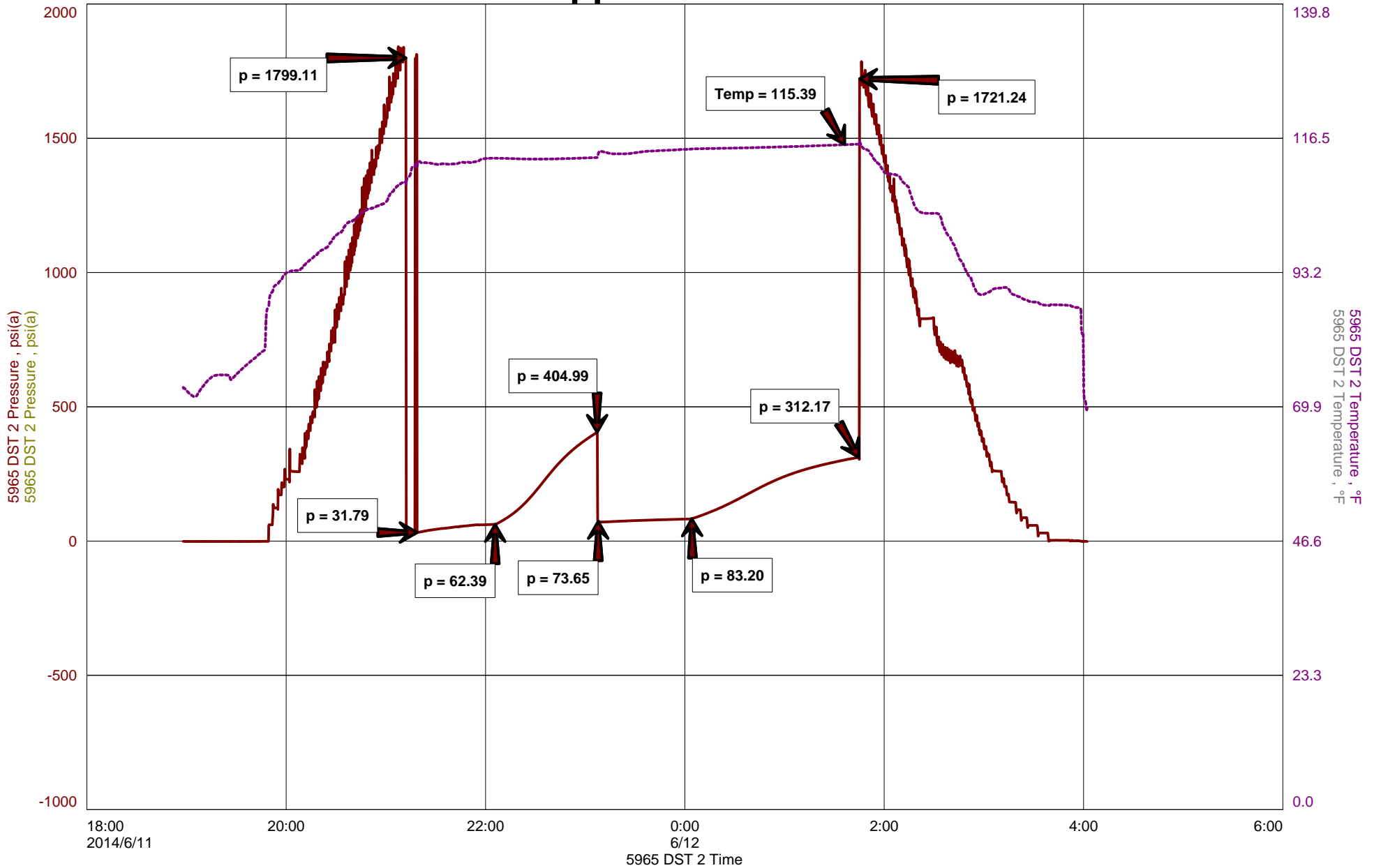
Final Closed In Period..... Minutes 90 (G) 838 P.S.I.

Final Hydrostatic Pressure..... (H) 1705 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.



# Rippe 1-13 DST 2





# Diamond Testing General Report

**Wilbur Steinbeck**  
**TESTER**  
**CELL: 620-282-1573**

## General Information

<b>Company Name</b>	Forestar Petro Corp	<b>Job Number</b>	W083
<b>Contact</b>	Mike Morgan	<b>Representative</b>	Wilbur Steinbeck
<b>Well Name</b>	Rippe 1-13	<b>Well Operator</b>	Excell 10
<b>Unique Well ID</b>	DST 2 Lan B&C 3730-3840	<b>Report Date</b>	2014/06/11
<b>Surface Location</b>	13-2s-31w Rawlins/Kansas	<b>Prepared By</b>	Wilbur Steinbeck
<b>Field</b>	Wildcat	<b>Qualified By</b>	Mike Morgan

## Test Information

<b>Test Type</b>	Conventional
<b>Formation</b>	Lan A
<b>Well Fluid Type</b>	01 Oil
<b>Test Purpose (AEUB)</b>	Initial Test

<b>Start Test Date</b>	2014/06/11	<b>Start Test Time</b>	18:58:00
<b>Final Test Date</b>	2014/06/12	<b>Final Test Time</b>	04:04:00

## Test Recovery

**Recovery**      55' Free Oil  
 120' GMCO 10%G 30%M 60%O  
 175' Total Fluid

**Tool Sample** GMCO 15%G 25%M 60%O

**Corrected Gravity** 30.8



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: Rippe 1-13 DST 2

TIME ON: 18:58  
TIME OFF: 4:04

Company Forestar Petro Corp Lease & Well No. Rippe 1-13  
Contractor Excell 10 Charge to Forestar  
Elevation 2772 KB Formation \_\_\_\_\_ Lan B&C Effective Pay \_\_\_\_\_ Ft. Ticket No. W083  
Date 6-11-14 Sec. 13 Twp. \_\_\_\_\_ 2 S Range \_\_\_\_\_ 32 W County \_\_\_\_\_ Rawlins State KANSAS  
Test Approved By Charlie Studavant Diamond Representative Wilbur Steinbeck

Formation Test No. 2 Interval Tested from 3730 ft. to 3840 ft. Total Depth 3840 ft.  
Packer Depth 3725 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 3730 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_  
Top Recorder Depth (Inside) 3716 ft. Recorder Number 5965 Cap. 5,000 P.S.I.  
Bottom Recorder Depth (Outside) 3731 ft. Recorder Number 5446 Cap. 5,000 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.  
Mud Type CHEMICAL Viscosity 56 Drill Collar Length 300 ft. I.D. 2 1/4 in.  
Weight 9.2 Water Loss 7.2 cc. Weight Pipe Length 240 ft. I.D. 2 7/8 in.  
Chlorides 800 P.P.M. Drill Pipe Length 3157 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number 07 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? Yes Reversed Out No Anchor Length 110 ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Built to 5" No Return  
2nd Open: Built to 3" No Return

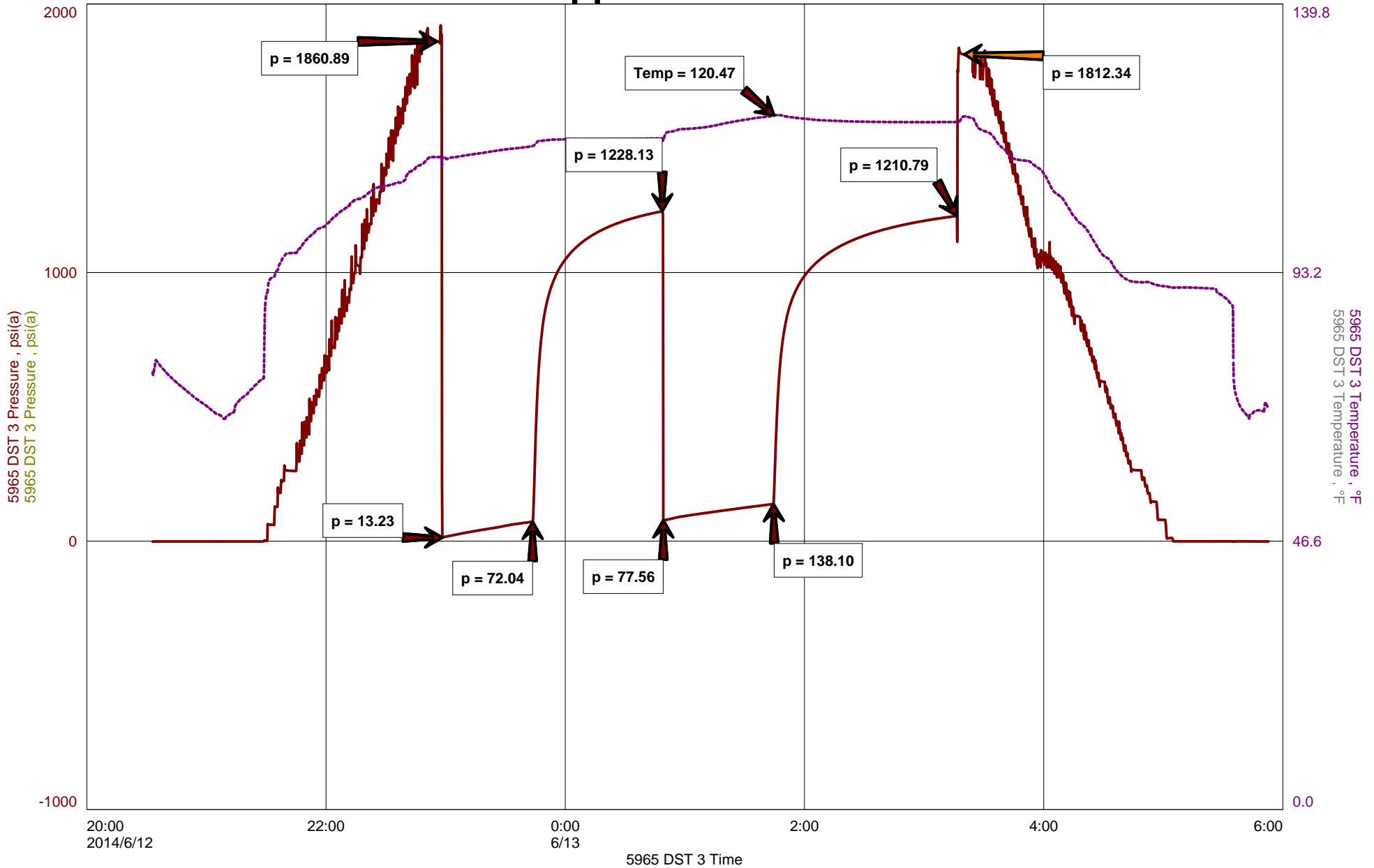
Recovered 55 ft. of Free Oil  
Recovered 120 ft. of GMCO 10%G 30%M 60%O  
Recovered 175 ft. of Total Fluid

Recovered _____ ft. of _____	95 RT Miles	Price Job
Recovered _____ ft. of _____		Other Charges
Recovered _____ ft. of _____	Remarks: <u>Shale Packer Used</u>	Insurance
Tool Sample <u>GMCO 15%G 25%M 60%O</u>		Total
Corrected Gravity <u>30.8</u>		

Time Set Packer(s) 21:20 A.M. P.M. Time Started Off Bottom 1:35 A.M. P.M. Maximum Temperature 115  
Initial Hydrostatic Pressure..... (A) 1799 P.S.I.  
Initial Flow Period..... Minutes 45 (B) 32 P.S.I. to (C) 62 P.S.I.  
Initial Closed In Period..... Minutes 60 (D) 405 P.S.I.  
Final Flow Period..... Minutes 60 (E) 74 P.S.I. to (F) 83 P.S.I.  
Final Closed In Period..... Minutes 90 (G) 312 P.S.I.  
Final Hydrostatic Pressure..... (H) 1721 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.

# Rippe 1-13 DST 3





# Diamond Testing General Report

**Wilbur Steinbeck**  
**TESTER**  
**CELL: 620-282-1573**

## General Information

<b>Company Name</b>	Forestar Petro Corp	<b>Job Number</b>	W084
<b>Contact</b>		<b>Representative</b>	Wilbur Steinbeck
<b>Well Name</b>		<b>Well Operator</b>	Excell 10
<b>Unique Well ID</b>	DST 3 Lan D,E&F 3828-3980	<b>Report Date</b>	2014/06/12
<b>Surface Location</b>	13-2s-31w Rawlins/Kansas	<b>Prepared By</b>	Wilbur Steinbeck
<b>Field</b>	Wildcat	<b>Qualified By</b>	Mike Morgan

## Test Information

<b>Test Type</b>	Conventional		
<b>Formation</b>	Lan D,E&F		
<b>Well Fluid Type</b>	01 Oil		
<b>Test Purpose (AEUB)</b>	Initial Test		
<b>Start Test Date</b>	2014/06/12	<b>Start Test Time</b>	20:33:00
<b>Final Test Date</b>	2014/06/13	<b>Final Test Time</b>	05:55:00

## Test Recovery

**Recovery** 240' MCW 35%M 65%W  
240' Total Fluid

**Tool Sample** MCW 30%M 70%W

**RW=47**



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: Rippe 1-13 DST 3

TIME ON: 20:33  
TIME OFF: 5:55

Company Forestar Petro Corp Lease & Well No. Rippe 1-13  
Contractor Excell 10 Charge to Forestar  
Elevation 2772 KB Formation \_\_\_\_\_ Lan D,E&F Effective Pay \_\_\_\_\_ Ft. Ticket No. W084  
Date 6-12-14 Sec. 13 Twp. \_\_\_\_\_ 2 S Range \_\_\_\_\_ 32 W County \_\_\_\_\_ Rawlins State KANSAS  
Test Approved By Charlie Studavant Diamond Representative Wilbur Steinbeck

Formation Test No. 3 Interval Tested from 3828 ft. to 3980 ft. Total Depth 3980 ft.  
Packer Depth 3823 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 3828 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_  
Top Recorder Depth (Inside) 3814 ft. Recorder Number 5965 Cap. 5,000 P.S.I.  
Bottom Recorder Depth (Outside) 3829 ft. Recorder Number 5446 Cap. 5,000 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEMICAL Viscosity 56 Drill Collar Length 300 ft. I.D. 2 1/4 in.  
Weight 9.2 Water Loss 7.2 cc. Weight Pipe Length 240 ft. I.D. 2 7/8 in.  
Chlorides 800 P.P.M. Drill Pipe Length 3255 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number 07 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? Yes Reversed Out No Anchor Length 152 ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Built to 9" No Return  
2nd Open: Built to 9" No Return

Recovered 240 ft. of MCW 35%M 65%W  
Recovered 240 ft. of Total Fluid  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered _____ ft. of _____ Remarks: <u>Shale Packer Used</u> Tool Sample <u>MCW 30%M 70%W</u> RW= <u>47,000</u>	<b>Shale Packer Ruined</b>	
	95 RT Miles	
	Price Job	Other Charges
	Insurance	Total

Time Set Packer(s) 23:00 A.M. P.M. Time Started Off Bottom 3:15 A.M. P.M. Maximum Temperature 120  
Initial Hydrostatic Pressure..... (A) 1861 P.S.I.  
Initial Flow Period..... Minutes 45 (B) 13 P.S.I. to (C) 72 P.S.I.  
Initial Closed In Period..... Minutes 60 (D) 1228 P.S.I.  
Final Flow Period..... Minutes 60 (E) 78 P.S.I. to (F) 138 P.S.I.  
Final Closed In Period..... Minutes 90 (G) 1211 P.S.I.  
Final Hydrostatic Pressure..... (H) 1812 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.