

Confidentiality Requested:

☐ Yes ☐ No

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

1214386

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: \_\_\_\_\_

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

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 <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:					

<div style="text-align: center;"> <b>CASING RECORD</b>      <input type="checkbox"/> New    <input type="checkbox"/> Used            Report all strings set-conductor, surface, intermediate, production, etc.         </div>							
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 (Amount and Kind of Material Used)		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 (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<p>DISPOSITION OF GAS:</p> <p><input type="checkbox"/> Vented    <input type="checkbox"/> Sold    <input type="checkbox"/> Used on Lease</p> <p><i>(If vented, Submit ACO-18.)</i></p>	<p>METHOD OF COMPLETION:</p> <p><input type="checkbox"/> Open Hole    <input type="checkbox"/> Perf.    <input type="checkbox"/> Dually Comp.    <input type="checkbox"/> Commingled</p> <p><i>(Submit ACO-5)</i></p> <p><input type="checkbox"/> Other (Specify) _____</p>	<p>PRODUCTION INTERVAL:</p> <p>_____</p> <p>_____</p>
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**BASIC**<sup>SM</sup>  
ENERGY SERVICES

PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

FIELD SERVICE TICKET

1718 1707 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB <u>4-14-10</u> DISTRICT <u>KANSAS</u>		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:								
CUSTOMER <u>Prolific Resources</u>		LEASE <u>PANNING</u> 'B' #2 WELL NO.								
ADDRESS <u>327</u>		COUNTY <u>Barton</u> 35-19-11 STATE <u>KANSAS</u>								
CITY _____ STATE _____		SERVICE CREW <u>A. Warth, J. Anthony</u>								
AUTHORIZED BY _____		JOB TYPE: <u>8 5/8" Surface</u>								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
<u>28443 P.U.</u>	<u>1/2</u>						<u>4-13-10</u>			
<u>19889-19842</u>	<u>1/2</u>					ARRIVED AT JOB	<u>4-13-10</u>			<u>8:15</u>
<u>19831-19882</u>	<u>1/2</u>					START OPERATION	<u>4-14-10</u>			<u>10:00</u>
						FINISH OPERATION	<u>4-14-10</u>			<u>1:30</u>
						RELEASED	<u>4-14-10</u>			<u>1:30</u>
						MILES FROM STATION TO WELL				<u>5.5</u>

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: \_\_\_\_\_  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP103	60/40 Poz		250-SK		\$ 3000.00
CC102	cell FLAKE		63-1b		\$ 233.10
CC109	Calcium Chloride		545-1b		\$ 677.25
CF153	wooden Plug Cement 8 5/8"		1-EN		\$ 160.00
E100	unit mileage charge		55-mi		\$ 233.75
E101	Heavy Equip mileage		110-mi		\$ 770.00
E113	Bulk Delivery Charge		571-Tm		\$ 996.00
CE200	Depth Charge 0-500'		1-4hrs		\$ 1000.00
CE240	Blending & mixing Service Charge		250-SK		\$ 350.00
CE504	Plug container Utilization Charge		1-Job		\$ 250.00
5003	Service Supervisor first 8 hrs. on Loc.		1-EN		\$ 175.00

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	

SUB TOTAL

TOTAL

4131.40  
DLS

SERVICE REPRESENTATIVE Belen F. Warth

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: Shawn EPP

FIELD SERVICE ORDER NO.

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)





Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
11:00pm					on loc. Discover Safe, Setup Plan, Take Pulling Drill Collars out of Hole for Short Trip
11:50pm					CIR @ 307 TO w/ Bit in hole. Start out of hole w/ Bit
12:10 am					out of Hole w/ Bit. R <sub>1</sub> up to R <sub>10</sub> 3% Start 2 1/2% csg 23" in 12 1/4' hole
1:00					Csg @ 307 CIR w/ R <sub>3</sub>
1:15	700 <sup>+</sup>			5	Start mix 350 sks 60/40 Por 20/100 3% CC 1/4" coll Flank col Finish mix
			56		Release @ Rhodes Plug 8 1/2"
				5	Start Disp
1:30	200 <sup>+</sup>		18		Plug down
	10 <sup>+</sup>				Shut in @ well
					Release PSI To Truck
2:00					washup + Backup Equip
					Job complete
					Thanks Alton, James, Mitch
					Cement cir To Pit

# Diamond Testing

## General information Report

### General Information

Company Name PROLIFIC RESOURCES

Contact	DARRELL WILLINGER	Job Number	
Well Name	PANNING 'B' #2	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #1 LANS 'F-G' 3,091' - 3,130'	Well Operator	PROLIFIC RESOURCES
Surface Location	SEC 35-19S-11W BARTON COUNTY	Report Date	2010/04/17
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	WILDCAT		
Well Type	Vertical		

Test Type	CONVENTIONAL		
Formation	DST #1 LANS 'F-G' 3,091' - 3,130'		
Well Fluid Type	06 Water	Start Test Time	03:47:00
		Final Test Time	10:13:00
Start Test Date	2010/04/17		
Final Test Date	2010/04/17		
Gauge Name	1150		
Gauge Serial Number			

### Test Results

RECOVERED: 315' GAS IN PIPE  
58' OCWM 2% OIL, 20% WTR, 78% MUD  
123' WM 17% WTR, 29 % MUD OIL SPECKED  
181' TOTAL FLUID

TOOL SAMPLE: 99% WTR, 1% MUD

CHLORIDES: 44,000 Ppm  
PH: 7.0  
RW: .15 @ 44 deg





**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313

TIME ON: 03:57  
TIME OFF: 10:13

**DRILL-STEM TEST TICKET**

FILE: panning62dst1

Company Prolific Resources Lease & Well No. Panning 'B' #2  
Contractor Petromark Charge to Prolific Resources  
Elevation 1771 KB Formation Lens 'F-G' Effective Pay \_\_\_\_\_ Ft. Ticket No. \_\_\_\_\_  
Date 4.17.10 Sec. 35 Twp. 19 S Range 11 W County Barton State KANSAS  
Test Approved By [Signature] Diamond Representative ROGER D. FRIEDLY

Formation Test No. 1 Interval Tested from 3091 ft. to 3130 ft. Total Depth 3130 ft.  
Packer Depth 3086 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 3091 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3079 ft. Recorder Number 1150 Cap. 5000 P.S.I.  
Bottom Recorder Depth (Outside) 3127 ft. Recorder Number 3815 Cap. 5700 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type Chem Viscosity 5.2 Drill Collar Length 123 ft. I.D. 2 1/4 in.  
Weight 9.2 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 4800 P.P.M. Drill Pipe Length 2942 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? NO Reversed Out NO Anchor Length 39 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: Good 4" blow inc to BTM BKT 2 3/4 min (W 1/8 bb)  
2nd Open: Weak 1/2 blow inc to BTM BKT 54 min

Recovered 315 ft. of Gas in Pipe  
Recovered 58 ft. of OCWM 2% Oil, 20% WTR, 78% Mud  
Recovered 123 ft. of WM 71% WTR, 29% Mud - Oil specks  
Recovered 181 ft. of Total Fluid

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>Tool: 99% WTR, 1% Mud</u>	Insurance
	Total

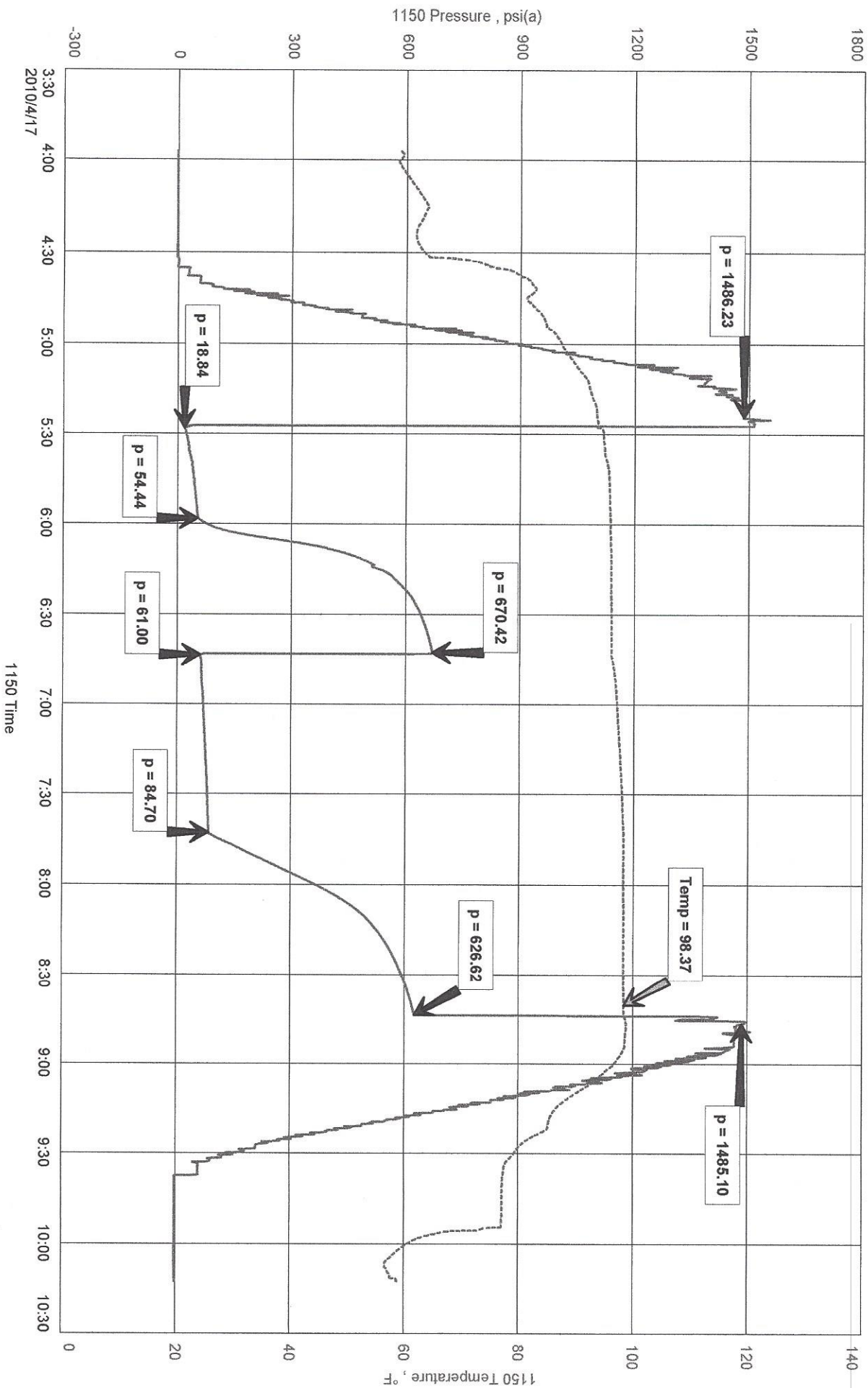
Time Set Packer(s) 5:28 A.M. P.M. Time Started Off Bottom 8:43 A.M. P.M. Maximum Temperature 98  
Initial Hydrostatic Pressure \_\_\_\_\_ (A) 1486 P.S.I.  
Initial Flow Period \_\_\_\_\_ Minutes 30 (B) 19 P.S.I. to (C) 54 P.S.I.  
Initial Closed In Period \_\_\_\_\_ Minutes 45 (D) 670 P.S.I.  
Final Flow Period \_\_\_\_\_ Minutes 60 (E) 61 P.S.I. to (F) 85 P.S.I.  
Final Closed In Period \_\_\_\_\_ Minutes 60 (G) 627 P.S.I.  
Final Hydrostatic Pressure \_\_\_\_\_ (H) 1485 P.S.I.



PROLIFIC RESOURCES  
DST #1 LANS 'F-G' 3,091' - 3,130'  
Start Test Date: 2010/04/17  
Final Test Date: 2010/04/17

PANNING 'B' #2  
Formation: DST #1 LANS 'F-G' 3,091' - 3,130'

## PANNING 'B' #2



# Diamond Testing

## General information Report

### General Information

Company Name PROLIFIC RESOURCES

Contact	DARRELL WILLINGER	Job Number	
Well Name	PANNING 'B' #2	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #2 ARBUCKLE 3,258' - 3,295'	Well Operator	PROLIFIC RESOURCES
Surface Location	SEC 35-19S-11W BARTON COUNTY	Report Date	2010/04/18
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	WILDCAT		
Well Type	Vertical		

Test Type	CONVENTIONAL		
Formation	DST #2 ARBUCKLE 3,258 - 3,295'		
Well Fluid Type	01 Oil	Start Test Time	03:35:00
		Final Test Time	09:14:00
Start Test Date	2010/04/18		
Final Test Date	2010/04/18		
Gauge Name	11150		
Gauge Serial Number			

### Test Results

RECOVERED: 3' DM 100% MUD

TOOL SAMPLE: 100% DM WITH GOOD OIL SPECKS AND FAINT ODOR.





**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313

TIME ON: 08:35

TIME OFF: 09:14

**DRILL-STEM TEST TICKET**

FILE: penningb2d42

Company Prolific Resources Lease & Well No. Panning 'B' #2  
Contractor Petromark Rig 2 Charge to Prolific Resources  
Elevation 1771 KB Formation ARB Effective Pay \_\_\_\_\_ Ft. Ticket No. \_\_\_\_\_  
Date 4-18-10 Sec. 35 Twp. 19 S Range 11 W County Barton State KANSAS  
Test Approved By [Signature] Diamond Representative ROGER D. FRIEDLY

Formation Test No. 2 Interval Tested from 3258 ft. to 3295 ft. Total Depth 3295 ft.

Packer Depth 3253 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Packer Depth 3258 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

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

Top Recorder Depth (Inside) 3246 ft. Recorder Number 1150 Cap. 5000 P.S.I.

Bottom Recorder Depth (Outside) 3292 ft. Recorder Number 3815 Cap. 5700 P.S.I.

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

Mud Type Chem Viscosity 52 Drill Collar Length 123 ft. I.D. 2 1/4 in.

Weight 9.2 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 4800 P.P.M. Drill Pipe Length 3109 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? NO Reversed Out NO Anchor Length 37 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: Weak 1/8" blow in. to 1/4" - Dec in 15min - Dead in 25 (Nobbb)

2nd Open: No BLOW Nobbb

Recovered 3 ft. of DM 100% mud

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

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

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

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

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

Remarks:

Tool Sample 100% DM with Good oil sparks  
5 Faint odor

Price Job

Other Charges

Insurance

Total

Time Set Packer(s) 4:58 A.M. P.M. Time Started Off Bottom 7:43 A.M. P.M. Maximum Temperature 99

Initial Hydrostatic Pressure..... (A) 1568 P.S.I.

Initial Flow Period..... Minutes 30 (B) 7 P.S.I. to (C) 7 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 43 P.S.I.

Final Flow Period..... Minutes 30 (E) 8 P.S.I. to (F) 9 P.S.I.

Final Closed In Period..... Minutes 60 (G) 34 P.S.I.

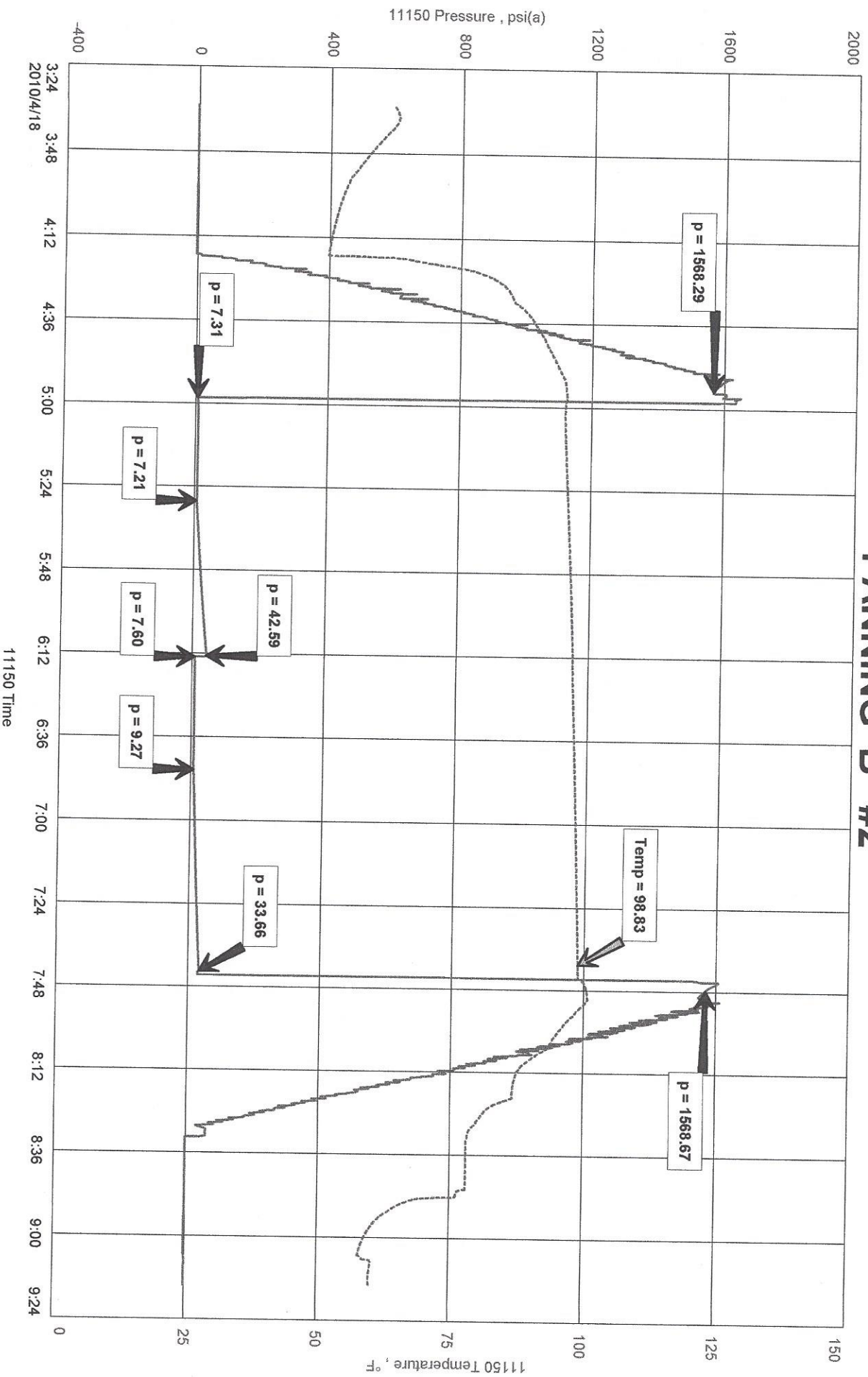
Final Hydrostatic Pressure..... (H) 1569 P.S.I.



PROLIFIC RESOURCES  
DST #2 ARBUCKLE 3,258' - 3,295'  
Start Test Date: 2010/04/18  
Final Test Date: 2010/04/18

PANNING 'B' #2  
Formation: DST #2 ARBUCKLE 3,258 - 3,295'

## PANNING 'B' #2





# Diamond Testing

## General information Report

### General Information

Company Name PROLIFIC RESOURCES

Contact	DARRELL WILLINGER	Job Number	
Well Name	PANNING 'B' #2	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #3 ARBUCKLE 3,290' - 3,302'	Well Operator	PROLIFIC RESOURCES
Surface Location	SEC 35-19S-11W BARTON COUNTY	Report Date	2010/04/18
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	WILDCAT		
Well Type	Vertical		

Test Type	CONVENTIONAL		
Formation	DST #3 ARBUCKLE 3,290' - 3,302'		
Well Fluid Type	01 Oil	Start Test Time	14:37:00
		Final Test Time	19:43:00
Start Test Date	2010/04/18		
Final Test Date	2010/04/18		
Gauge Name	1150		
Gauge Serial Number			

### Test Results

RECOVERED: 3' DM 100% MUD WITH A FEW OIL SPECKS

TOOL SAMPLE: 100% DM WITH GOOD OIL SPECKS AND GOOD GASSY ODOR



DIAMOND TESTING  
P.O. Box 157  
HOISINGTON, KANSAS 67544  
(800) 542-7313

TIME ON: 14:37

TIME OFF: 19:43

DRILL-STEM TEST TICKET

FILE: panning b2 dst3

Company Prolific Resources Lease & Well No. Panning 'B' #2  
Contractor Petromark Rig 2 Charge to Prolific Resources  
Elevation 1771 KB Formation ARB Effective Pay \_\_\_\_\_ Ft. Ticket No. \_\_\_\_\_  
Date 4.18.10 Sec. 35 Twp. 19 S Range 11 W County Barton State KANSAS  
Test Approved By [Signature] Diamond Representative ROGER D. FRIEDLY

Formation Test No. 3 Interval Tested from 3290 ft. to 3302 ft. Total Depth 3302 ft.  
Packer Depth 3285 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 3290 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3278 ft. Recorder Number 1150 Cap. 5000 P.S.I.  
Bottom Recorder Depth (Outside) 3299 ft. Recorder Number 3815 Cap. 5700 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.  
Mud Type Chem Viscosity 49 Drill Collar Length 123 ft. I.D. 2 1/4 in.  
Weight 9.2 Water Loss 9.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 5,000 P.P.M. Drill Pipe Length 3141 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? No Reversed Out No Anchor Length 12 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: Weak 1/8" blow inc to Intermittent 1/2" blow (No bb)  
2nd Open: No blow (No bb)

Recovered 3 ft. of DM 100% mud Few oil speck  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: Tool Sample: 100 dm good oil specks and good Gassy order

Time Set Packer(s) 3:59 A.M. P.M. Time Started Off Bottom 6:29 A.M. P.M. Maximum Temperature 95

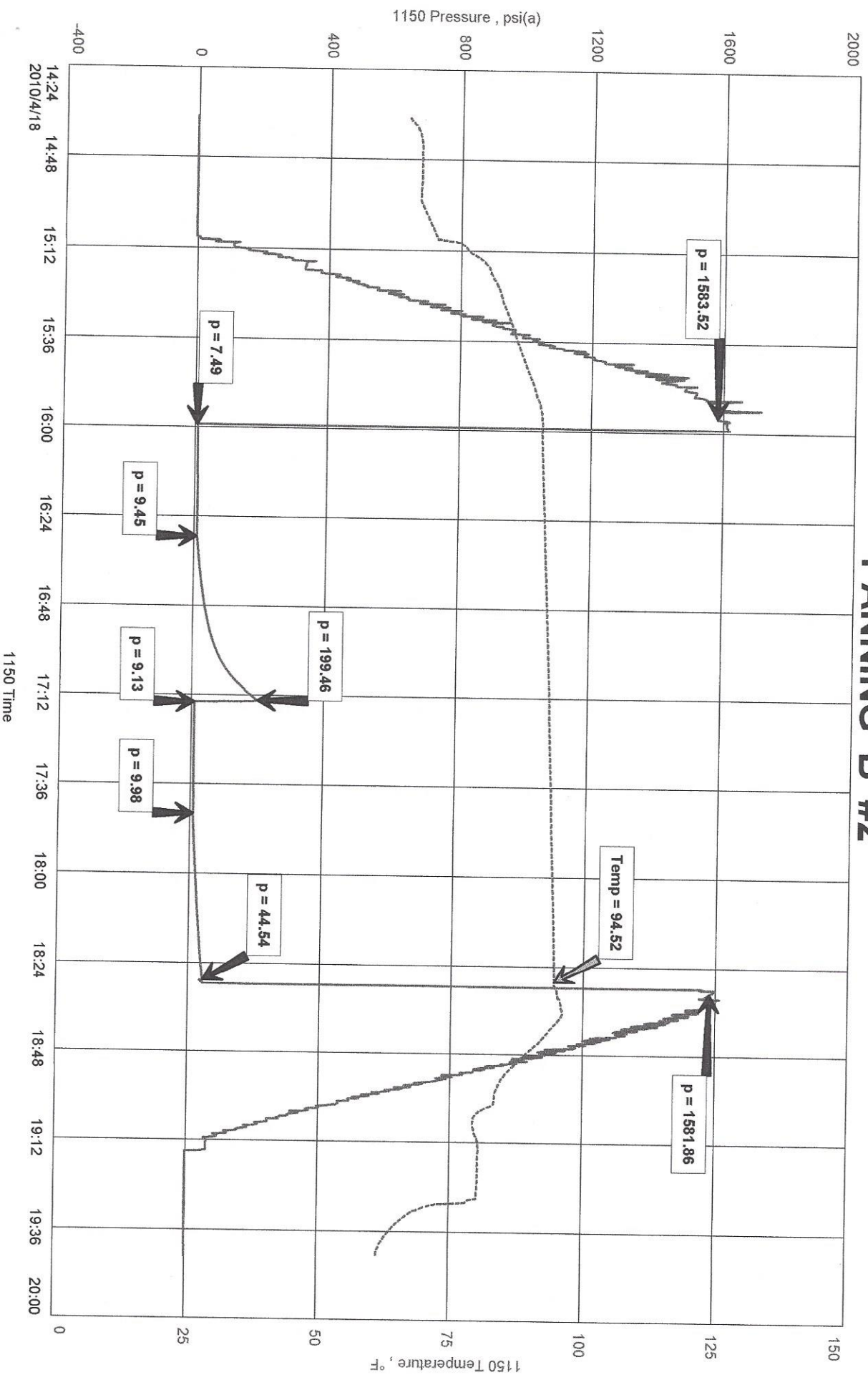
Initial Hydrostatic Pressure..... (A) 1584 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 7 P.S.I. to (C) 9 P.S.I.  
Initial Closed In Period..... Minutes 45 (D) 199 P.S.I.  
Final Flow Period..... Minutes 30 (E) 9 P.S.I. to (F) 10 P.S.I.  
Final Closed In Period..... Minutes 45 (G) 45 P.S.I.  
Final Hydrostatic Pressure..... (H) 1582 P.S.I.



PROLIFIC RESOURCES  
DST #3 ARBUCKLE 3,290' - 3,302'  
Start Test Date: 2010/04/18  
Final Test Date: 2010/04/18

PANNING 'B' #2  
Formation: DST #3 ARBUCKLE 3,290' - 3,302'

## PANNING 'B' #2



# Diamond Testing

## General information Report

### General Information

Company Name PROLIFIC RESOURCES

Contact	DARRELL WILLINGER	Job Number	
Well Name	PANNING 'B' #2	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #4 ARBUCKLE 3,300' - 3,314'	Well Operator	PROLIFIC RESOURCES
Surface Location	SEC 35-19S-11W BARTON COUNTY	Report Date	2010/04/19
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	WILDCAT		
Well Type	Vertical		

Test Type	CONVENTIONAL		
Formation	DST #4 ARBUCKLE 3,300' - 3,314'		
Well Fluid Type	01 Oil	Start Test Time	02:18:00
		Final Test Time	09:35:00
Start Test Date	2010/04/19		
Final Test Date	2010/04/19		
Gauge Name	1150		
Gauge Serial Number			

### Test Results

RECOVERED: 60' GAS IN PIPE  
15' OCM 14% OIL, 86% MUD  
15' OCM 4% OIL, 96% MUD  
30' TOTAL FLUID

TOOL SAMPLE: 10% OIL, 90% MUD





DIAMOND TESTING  
P.O. Box 157  
HOISINGTON, KANSAS 67544  
(800) 542-7313

TIME ON: 02:10  
TIME OFF: 09:35

DRILL-STEM TEST TICKET

FILE: panning b2dst4

Company Prolific Resources Lease & Well No. Panning 'B' #2  
Contractor Pavlovmark Rig 3 Charge to Prolific Resources  
Elevation 1771K8 Formation ARB Effective Pay \_\_\_\_\_ Ft. Ticket No. \_\_\_\_\_  
Date 4.19.10 Sec. 35 Twp. 19 S Range 11 W County Barton State KANSAS  
Test Approved By [Signature] Diamond Representative ROGER D. FRIEDLY

Formation Test No. 4 Interval Tested from 3300 ft. to 3314 ft. Total Depth 3314 ft.  
Packer Depth 3295 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 3300 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3288 ft. Recorder Number 1150 Cap. 5000 P.S.I.  
Bottom Recorder Depth (Outside) 3311 ft. Recorder Number 3815 Cap. 5700 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.  
Mud Type Chem Viscosity 49 Drill Collar Length 123 ft. I.D. 2 1/4 in.  
Weight 9.2 Water Loss 9.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 5,000 P.P.M. Drill Pipe Length 3151 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? No Reversed Out No Anchor Length 14 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: Weak 1/8" blow inr to 1" (Nobbs)  
2nd Open: Weak surface blow inr to (Nobbs)

Recovered 60 ft. of Gas in Pipe  
Recovered 15 ft. of OCM 14% Oil 86% Mud  
Recovered 15 ft. of OCM 4% Oil 96% Mud  
Recovered 30 ft. of Total Fluid

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>Tool sample: 10% Oil, 90% Mud</u>	Insurance
	Total

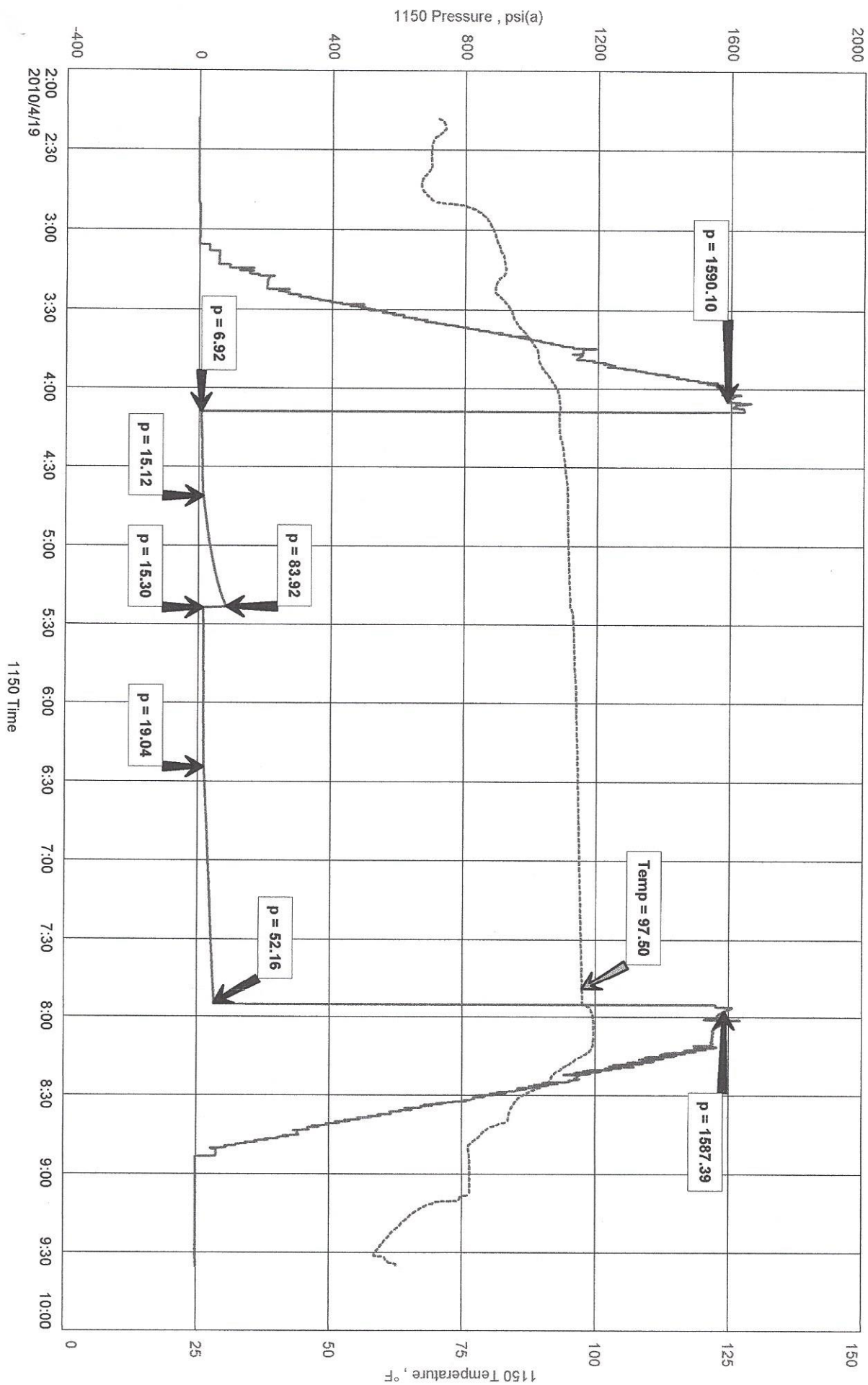
Time Set Packer(s) 4:09 A.M. P.M. Time Started Off Bottom 7:54 A.M. P.M. Maximum Temperature 98  
Initial Hydrostatic Pressure \_\_\_\_\_ (A) 1590 P.S.I.  
Initial Flow Period \_\_\_\_\_ Minutes 30 (B) 7 P.S.I. to (C) 15 P.S.I.  
Initial Closed In Period \_\_\_\_\_ Minutes 45 (D) 84 P.S.I.  
Final Flow Period \_\_\_\_\_ Minutes 60 (E) 15 P.S.I. to (F) 19 P.S.I.  
Final Closed In Period \_\_\_\_\_ Minutes 90 (G) 52 P.S.I.  
Final Hydrostatic Pressure \_\_\_\_\_ (H) 1587 P.S.I.



PROLIFIC RESOURCES  
DST #4 ARBUCKLE 3,300' - 3,314'  
Start Test Date: 2010/04/19  
Final Test Date: 2010/04/19

PANNING 'B' #2  
Formation: DST #4 ARBUCKLE 3,300' - 3,314'

## PANNING 'B' #2





**BASIC**<sup>SM</sup>

ENERGY SERVICES

PRESSURE PUMPING &amp; WIRELINE

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

## FIELD SERVICE TICKET

1718 1674 A

DATE OF JOB 4-20-10		DISTRICT Pratt, Kansas		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:						
CUSTOMER Prolific Resources		LEASE Panning "B"		WELL NO. 2						
ADDRESS		COUNTY Barton		STATE Kansas						
CITY		STATE		SERVICE CREW C. Messick: M. Mattal: D. Phye						
AUTHORIZED BY		JOB TYPE: C.N.W. - Plug To Abandon								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
19,866	1.75						4-19-10			8:30
						ARRIVED AT JOB	4-19-10			16:45
19,903-19,905	1.75					START OPERATION	4-19-10			11:30
						FINISH OPERATION	4-20-10			2:15
19,832-21,010	1.75					RELEASED	4-20-10			1:45
						MILES FROM STATION TO WELL				55

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED:

(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 103	60/40 Poz Cement	sk	185		\$ 2,220 00
CC 200	Cement Gel	Lb	320		\$ 80 00
CF 153	Wooden Plug, 8 5/8"	ea	1		\$ 160 00
E 100	Pickup Mileage	mi	55		\$ 233 75
F 101	Heavy Equipment Mileage	mi	110		\$ 770 00
F 113	Bulk Delivery	tm	440		\$ 704 00
CE 204	Cement Pump: 3,000 Feet To 4,000 Feet	Job	1		\$ 2,160 00
CE 240	Blending and Mixing Service	sk	185		\$ 259 00
5003	Service Supervisor	Job	1		\$ 175 00
SUB TOTAL					\$ 3,921 82
TOTAL					KC

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$
MATERIALS	%TAX ON \$

SERVICE REPRESENTATIVE *Carlene R. Messick*THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *Shawn E.P.*

FIELD SERVICE ORDER NO.

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)



Customer Profitic Resources		Lease No.		Date 4-20-10	
Lease Panning "B"		Well # 2			
Field Order #	Station Pratt, Kansas	Casing 12" Drill Pipe	Depth	County Barton	State Kansas
Type Job C.M.W. - Plug To Abandon			Formation	Legal Description 35-145-11W	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid 185 sacks	RATE 60/40	PRESS 1.4	ISIP 4.2 GEL
Depth	Depth	From	To	Pre Pad 13.8 lb/Gal	Max 6.90 GPM/sk		5 Min.
Volume	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush Drilling Mud and Fresh Water	Gas Volume		Total Load

Customer Representative David Roach	Station Manager David Scott	Treater Clarence R. Messick
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Service Units	19,866	19,903	19,905	19,832	21,010						
Driver Names	Messick	Mattal	Phye								

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
10:45					Truck on location and hold safety meeting.
11:25		450		5	1 <sup>st</sup> Plug 3,280 Feet / 25 sacks cement
		450	20	5	Start Fresh Water Pre-Flush.
		400	26	5	Start Mixing cement.
		250	36	5	Start Fresh Water Spacer.
11:35		-0-	76		Start Drilling mud Displacement.
					Stop pumping
					2 <sup>nd</sup> Plug 510 Feet / 80 sacks cement
12:42		275		5	Start Mixing cement
		-0-	20	5	Start Fresh Water Displacement
12:45		-0-	21		Stop pumping
					3 <sup>rd</sup> Plug 350 Feet / 40 sacks
12:53		175		5	Start Mixing cement
		-0-	10	5	Start Fresh Water displacement.
12:55		-0-	11		Stop pumping
					4 <sup>th</sup> Plug 40 Feet / 10 sacks
		-0-		3	Start mixing cement after inserting wood plug later
1:10			7		Cement circulated to surface Stop pumping
1:15		-0-	7	3	Plug Rat Hole.
					Wash up pump truck.
1:45					Job Complete.
					Thank You: Clarence, Mike, Dale