

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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

Gas DH EOR

OG GSW

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 EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

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 Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

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 Geologist Report / Mud Logs <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				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/Injection:	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

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	LAWRENCE JACOBS 1
Doc ID	1356080

Tops

Name	Top	Datum
Anhy.	795	(+1114)
Base Anhy.	822	(+1087)
Topeka	2728	(-819)
Heebner	3006	(-1097)
Brown Lime	3094	(-1185)
Lansing	3112	(-1203)
BKC	3352	(-1443)
Arbuckle	3373	(-1464)
LTD	3462	(-1553)

GLOBAL OIL FIELD SERVICES, LLC

Invoice

24 S. Lincoln
RUSSELL, KS 67665

RECEIVED

APR 26 2017

Date	Invoice #
4/23/2017	2907

Bill To
PALOMINO PETROLEUM INC 4924 SE 84TH ST NEWTON,KS 67114

P.O. No.	Terms	Project
LAWERENCE JA...	Due on receipt	

Quantity	Description	Rate	Amount
153	COMMON	16.00	2,448.00
102	POZ	9.50	969.00
9	GEL	21.50	193.50
63.75	FLO-SEAL	2.00	127.50
264	HANDLING	1.90	501.60
	BULK MILEAGE	396.00	396.00
1	TRI-PLEX PUMP CHARGE FOR PLUG	750.00	750.00
15	PUMP TRUCK MILEAGE	7.00	105.00
15	PICKUP FOR TRANSPORTATION OF GOODS TO JOB SITE	3.00	45.00
1	DRY HOLE PLUG	62.50	62.50
	DEDUCT 20% FROM TOTAL IF PAID WITHIN 15 DAYS OF INVOICE BARTON CO	7.50%	0.00

Thank you for your business.	Total	\$5,598.10
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GLOBAL OIL FIELD SERVICES, LLC

2907

REMIT TO 24 S. Lincoln
Russell, KS 67665

SERVICE POINT: Russell, KS

DATE <u>4-18-17</u>	SEC. <u>32</u>	TWP. <u>16</u>	RANGE <u>12</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Lawrence Jacobs</u>	WELL #. <u>1</u>	LOCATION			COUNTY <u>Butler</u>	STATE <u>KS</u>	
OLD OR NEW (CIRCLE ONE)							

CONTRACTOR WJW #14

TYPE OF JOB Rotary Plug

HOLE SIZE 7 7/8 T.D.

CASING SIZE DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS

DISPLACEMENT

OWNER

CEMENT

AMOUNT ORDERED 25 60/40 4%gel

1/4 # Flt

COMMON @

POZMIX @

GEL @

CHLORIDE @

ASC @

HANDLING @

MILEAGE @

TOTAL

EQUIPMENT

PUMP TRUCK CEMENTER Heath

409 HELPER Lady

BULK TRUCK

473 DRIVER Glenn

BULK TRUCK

DRIVER

REMARKS:

1st Plug @ 50' = 5051

2nd Plug @ 45' = 5051

3rd Plug @ 45' = 1051

4th Plug @ 40' = 1051

1st - 30 MH - 15

CHARGE TO: Admiral Petro

STREET

CITY STATE ZIP

Global Oil Field Services, LLC

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

SIGNATURE John Allen

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE @

MANIFOLD @

TOTAL

PLUG & FLOAT EQUIPMENT

Dry hole Plug

TOTAL

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS



QUALITY OILWELL CEMENTING, INC.
 PO Box 32 - 740 WEST WICHITA AVE, RUSSELL KS 67665
 PHONE:785-324-1041 FAX:785-483-1087
 EMAIL: cementing@ruraltel.net

RECEIVED

APR 15 2017

Date: 4/13/2017
 Invoice # 1691
 P.O.#:
 Due Date: 5/13/2017
 Division: Russell

Invoice

Contact:
 Palomino Petroleum Inc
Address/Job Location:

4924 SE 84th
 Newton Ks 67114

Reference:
 LAWRENCE JACOBS 1 SEC 32-16-12

Description of Work:
 SURFACE JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 601.97	No				
Common-Class A	145	\$ 1,624.00	Yes				
Calcium Chloride	7	\$ 264.48	Yes				
POZ Mix-Standard	35	\$ 165.30	Yes				
Bulk Truck Matl-Material Service Charge	190	\$ 128.19	No				
Pump Truck Mileage-Job to Nearest Camp	29	\$ 88.05	No				
Bulk Truck Mileage-Job to Nearest Bulk Plant	29	\$ 68.48	No				
Premium Gel (Bentonite)	3	\$ 58.70	Yes				

Invoice Terms:

Net 30

SubTotal: \$ 2,999.17
 Discount Available ONLY if Invoice is Paid & Received
 within listed terms of invoice: \$ (74.98)

SubTotal for Taxable Items: \$ 2,059.67
 SubTotal for Non-Taxable Items: \$ 864.52
 Total: \$ 2,924.19
 Tax: \$ 154.48

7.50% Barton County Sales Tax

Thank You For Your Business!

Amount Due: \$ 3,078.67
Applied Payments:
Balance Due: \$ 3,078.67

Past Due Invoices are subject to a service charge (annual rate of 24%)
 This does not include any applicable taxes unless it is listed.
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QUALITY OILWELL CEMENTING, INC.

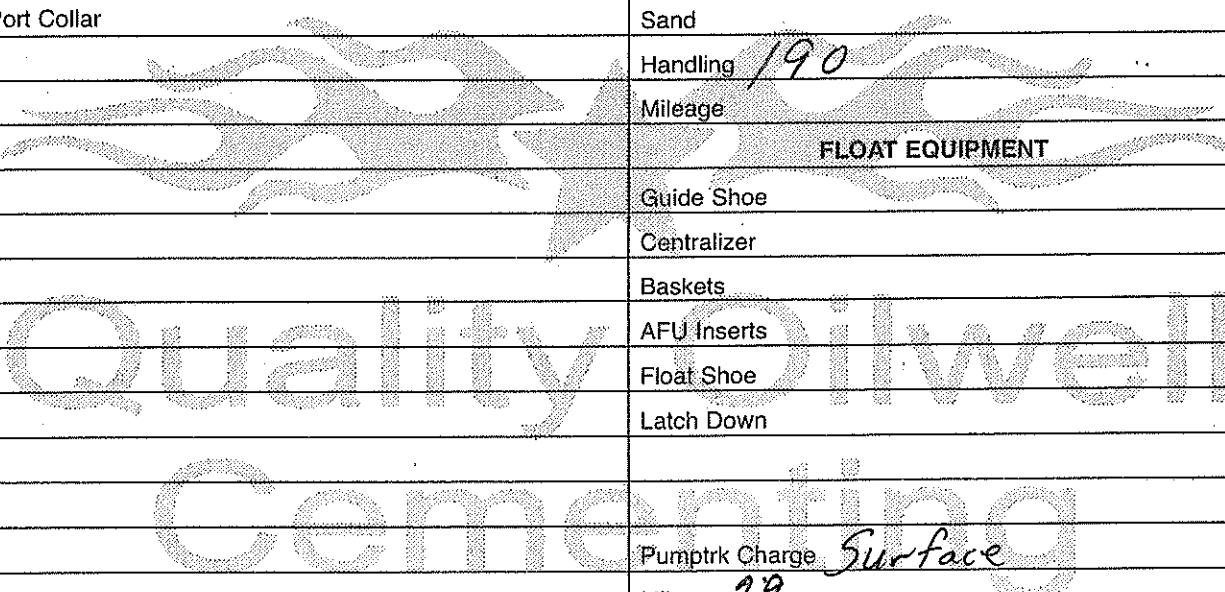
Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 1691

Date	4-13-17	Sec.	32	Twp.	16	Range	12	County	Barton	State	Ks	On Location		Finish	3:30 AM		
Lease								Lawrence Jacobs		Well No.		1					
Contractor								ww 14		Owner							
Type Job								Surface		To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.							
Hole Size				12 1/4"		T.D.		3000' 387'		Charge To Palamiro Petroleum							
Csg.				8 5/8"		Depth		386'		Street							
Tbg. Size						Depth				City			State				
Tool						Depth				The above was done to satisfaction and supervision of owner agent or contractor.							
Cement Left in Csg.				20'		Shoe Joint		20'		Cement Amount Ordered 180 80/20 3%CC 2%Gel							
Meas Line				Displace		23 1/4 BLS											
EQUIPMENT								Common 145									
Pumptrk 18 No.				Cementer		Helper		Trawls		Poz. Mix 35							
Bulktrk 3 No.				Driver		Driver		Doug		Gel. 3							
Bulktrk pu No.				Driver		Driver		Rick		Calcium 7							
JOB SERVICES & REMARKS								Hulls									
Remarks:								Cement did		Circulate		Salt					
Rat Hole								Flowseal									
Mouse Hole								Kol-Seal									
Centralizers								Mud CLR 48									
Baskets								CFL-117 or CD110 CAF 38									
D/V or Port Collar								Sand									
								Handling		190							
								Mileage									
FLOAT EQUIPMENT																	
								Guide Shoe									
								Centralizer									
								Baskets									
								AFU Inserts									
								Float Shoe									
								Latch Down									
								Pumptrk Charge		Surface							
								Mileage		29							
								Tax									
								Discount									
								Total Charge									
X Signature								John Brown									





DIAMOND TESTING, LLC
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (620) 653-7550 • (800) 542-7313
 LAWRENCEJACOBS1DST1

Company Palomino Petroleum, Inc. Lease & Well No. Lawrence Jacobs No. 1
 Elevation 1909 KB Formation Lansing Effective Pay _____ Ft. Ticket No. T605
 Date 4-15-17 Sec. 32 Twp. 16S Range 12W County Barton State Kansas
 Test Approved By Jerry A. Smith Diamond Representative Tim Venters

Formation Test No. 1 Interval Tested from 3,097 ft. to 3,150 ft. Total Depth 3,150 ft.
 Packer Depth 3,092 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 3,097 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 3,085 ft. Recorder Number 5504 Cap. 5,000 psi.
 Bottom Recorder Depth (Outside) 3,147 ft. Recorder Number 11029 Cap. 5,025 psi.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ psi.

Drilling Contractor WW Drilling, LLC - Rig 14 Drill Collar Length 118 ft I.D. 2 1/4 in.
 Mud Type Chemical Viscosity 68 Weight Pipe Length _____ ft I.D. _____ in.
 Weight 9.15 Water Loss 9.0 cc. Drill Pipe Length 2,951 ft I.D. 3 1/2 in.
 Chlorides 5,600 P.P.M. Test Tool Length 28 ft Tool Size 3 1/2-IF in.
 Jars: Make Sterling Serial Number Not Run Anchor Length 21' perf. w/32' drill pipe Size 4 1/2-FH in.
 Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Blow: 1st Open: Weak, surface blow increasing to 1/4 in. No blow back during shut-in.

2nd Open: Very weak, surface blow lasting 3 1/2 mins. No blow back during shut-in.

Recovered 5 ft. of mud = .024600 bbls.

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks Tool Sample Grind Out: 100%-mud

Time Set Packer(s) 11:21 P.M. Time Started off Bottom 1:21 A.M. Maximum Temperature 103°

Initial Hydrostatic Pressure.....(A) 1482 P.S.I.

Initial Flow Period.....Minutes 30 (B) 10 P.S.I. to (C) 14 P.S.I.

Initial Closed In Period.....Minutes 30 (D) 59 P.S.I.

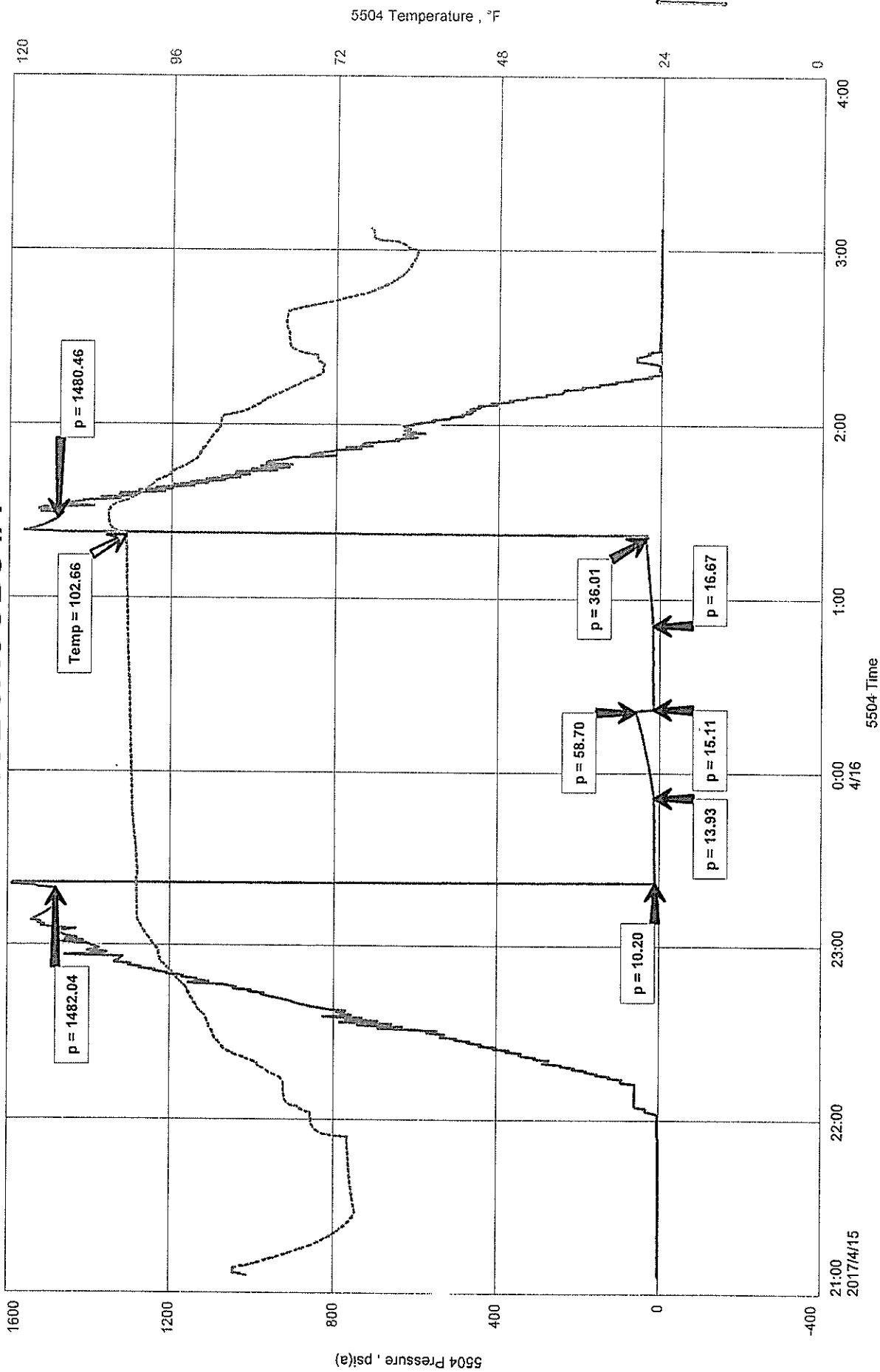
Final Flow Period.....Minutes 30 (E) 15 P.S.I. to (F) 17 P.S.I.

Final Closed In Period.....Minutes 30 (G) 36 P.S.I.

PALOMINO PETROLEUM, INC.
DST #1, LANSING, 3097-3150
Start Test Date: 2017/04/15
Final Test Date: 2017/04/16

LAWRENCE JACOBS #1
Formation: DST #1, LANSING, 3097-3150
Pool: POOL EXT
Job Number: T605

LAWRENCE JACOBS #1





DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
LAWRENCEJACOBS1DST2

Company Palomino Petroleum, Inc. Lease & Well No. Lawrence Jacobs No. 1
Elevation 1909 KB Formation Lower Kansas City Effective Pay _____ Ft. Ticket No. T606
Date 4-16-17 Sec. 32 Twp. 16S Range 12W County Barton State Kansas
Test Approved By Jerry A. Smith Diamond Representative Tim Venters

Formation Test No. 2 Interval Tested from 3,290 ft. to 3,360 ft. Total Depth 3,360 ft.
Packer Depth 3,285 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 3,290 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 3,278 ft. Recorder Number 5504 Cap. 5,000 psi.
Bottom Recorder Depth (Outside) 3,357 ft. Recorder Number 11029 Cap. 5,025 psi.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ psi.

Drilling Contractor VW Drilling, LLC - Rig 14 Drill Collar Length 118 ft I.D. 2 1/4 in.
Mud Type Chemical Viscosity 58 Weight Pipe Length _____ ft I.D. _____ in.
Weight 9.2 Water Loss 9.2 cc. Drill Pipe Length 3,144 ft I.D. 3 1/2 in.
Chlorides 6,700 P.P.M. Test Tool Length 28 ft Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number Not Run Anchor Length 38' perf. w/32' drill pipe Size 4 1/2-FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Blow: 1st Open: Weak, surface blow increasing to 1/4 in. No blow back during shut-in.
2nd Open: Very weak, surface blow lasting 4 mins. No blow back during shut-in.

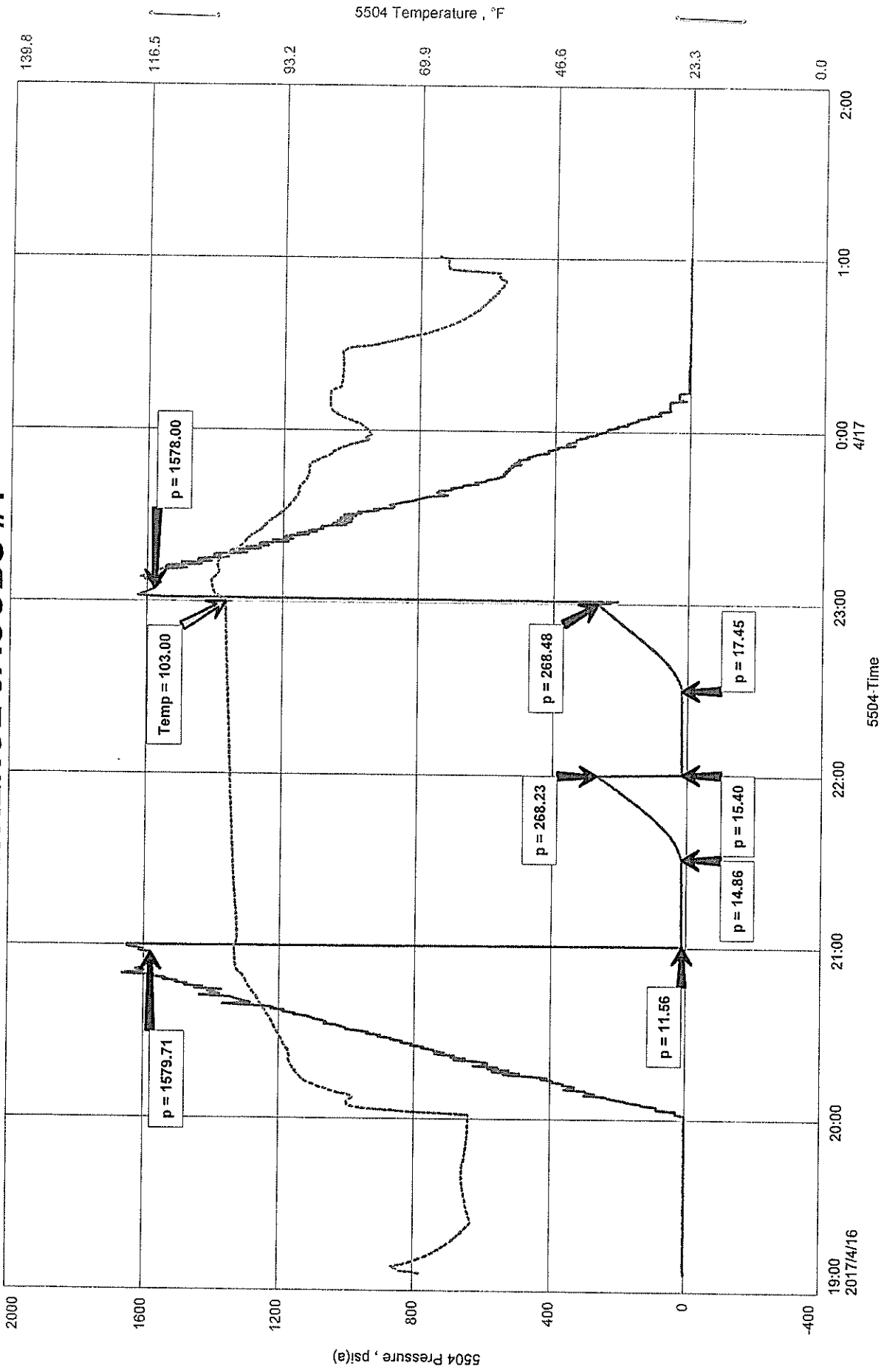
Recovered 5 ft. of mud = .024600 bbls.
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Remarks Tool Sample Grind Out: 100%-mud

Time Set Packer(s) 9:00 P.M. Time Started off Bottom 11:00 P.M. Maximum Temperature 103°
Initial Hydrostatic Pressure.....(A) 1580 P.S.I.
Initial Flow Period.....Minutes 30 (B) 12 P.S.I. to (C) 15 P.S.I.
Initial Closed In Period.....Minutes 30 (D) 268 P.S.I.
Final Flow Period.....Minutes 30 (E) 15 P.S.I. to (F) 17 P.S.I.
Final Closed In Period.....Minutes 30 (G) 268 P.S.I.

PALOMINO PETROLEUM, INC.
 DST #2, LOWER KC, 3290-3360
 Start Test Date: 2017/04/16
 Final Test Date: 2017/04/17

LAWRENCE JACOBS #1
 Formation: DST #2, LOWER KC, 3290-3360
 Pool: POOL EXT
 Job Number: T606

LAWRENCE JACOBS #1





DIAMOND TESTING, LLC
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (620) 653-7550 • (800) 542-7313
 LAWRENCEJACOBS1DST3

Company Palomino Petroleum, Inc. Lease & Well No. Lawrence Jacobs No. 1
 Elevation 1909 KB Formation Arbuckle Effective Pay _____ Ft. Ticket No. T607
 Date 4-17-17 Sec. 32 Twp. 16S Range 12W County Barton State Kansas
 Test Approved By Jerry A. Smith Diamond Representative Tim Venters

Formation Test No. 3 Interval Tested from 3,347 ft. to 3,377 ft. Total Depth 3,377 ft.
 Packer Depth 3,342 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 3,347 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 3,335 ft. Recorder Number 5504 Cap. 5,000 psi.
 Bottom Recorder Depth (Outside) 3,374 ft. Recorder Number 11029 Cap. 5,025 psi.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ psi.

Drilling Contractor WW Drilling, LLC - Rig 14 Drill Collar Length 118 ft I.D. 2 1/4 in.
 Mud Type Chemical Viscosity 51 Weight Pipe Length _____ ft I.D. _____ in.
 Weight 9.3 Water Loss 10.0 cc. Drill Pipe Length 3,201 ft I.D. 3 1/2 in.
 Chlorides 6,800 P.P.M. Test Tool Length 28 ft Tool Size 3 1/2-IF in.
 Jars: Make Sterling Serial Number Not Run Anchor Length 30 ft. Size 4 1/2-FH in.
 Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Blow: 1st Open: Weak, surface blow increasing to 1/2 in. No blow back during shut-in.

2nd Open: Weak, surface blow throughout. No blow back during shut-in.

Recovered 2 ft. of clean oil = .009840 bbls.
 Recovered 5 ft. of oily mud = .024600 bbls. (Grind out: 49%-oil; 51%-mud)
 Recovered 7 ft. of TOTAL FLUID = .034440 bbls.
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

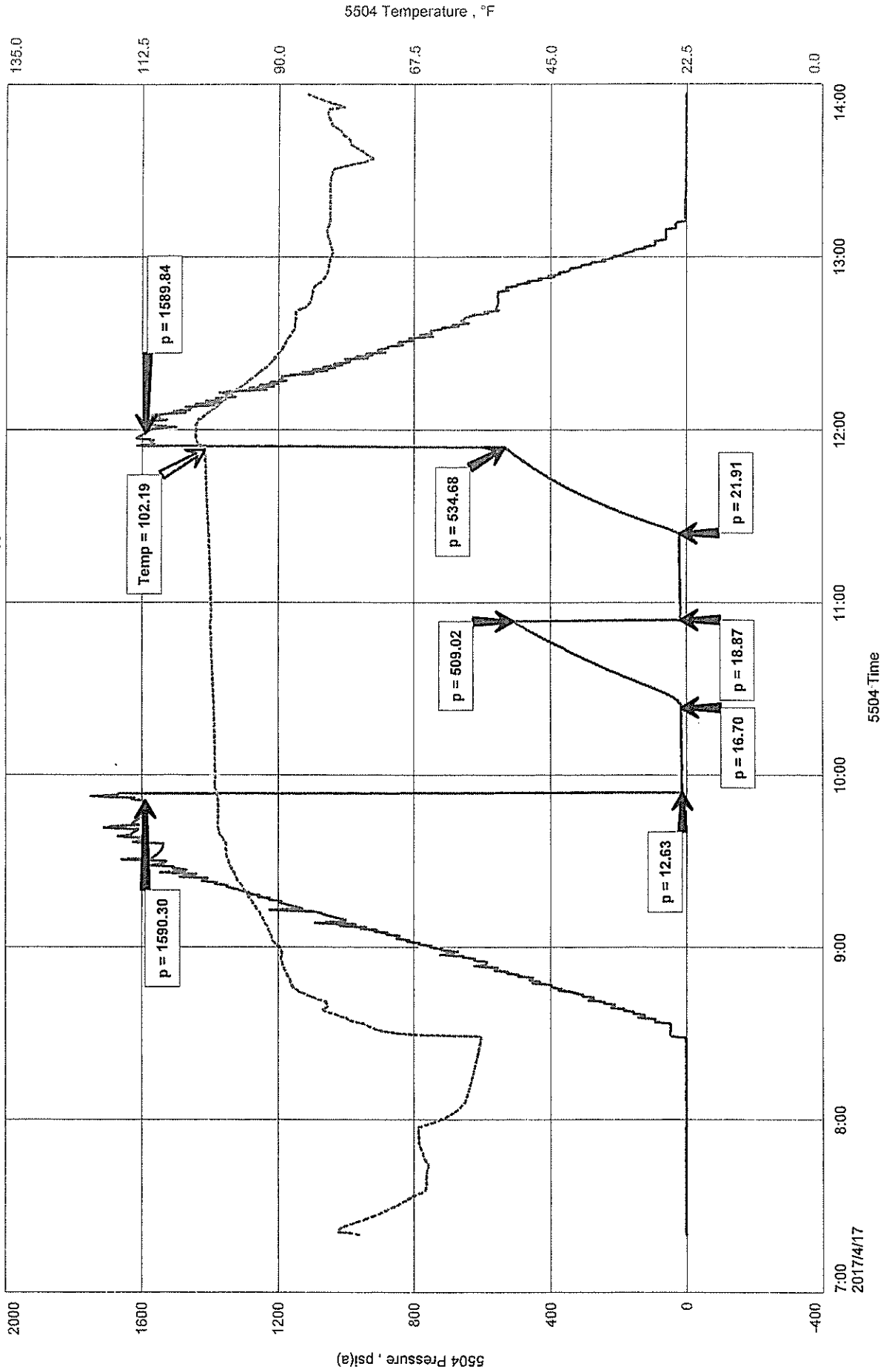
Remarks Tool Sample Grind Out: 52%-oil; 48%-mud

Time Set Packer(s) 9:53 A.M. Time Started off Bottom 11:53 A.M. Maximum Temperature 102°
 Initial Hydrostatic Pressure.....(A) 1590 P.S.I.
 Initial Flow Period.....Minutes 30 (B) 13 P.S.I. to (C) 17 P.S.I.
 Initial Closed In Period.....Minutes 30 (D) 509 P.S.I.
 Final Flow Period.....Minutes 30 (E) 19 P.S.I. to (F) 22 P.S.I.
 Final Closed In Period.....Minutes 30 (G) 535 P.S.I.

PALOMINO PETROLEUM, INC.
DST #3, ARBUCKLE, 3347-3377
Start Test Date: 2017/04/17
Final Test Date: 2017/04/17

LAWRENCE JACOBS #1
Formation: DST #3, ARBUCKLE, 3347-3377
Pool: POOLEXT
Job Number: T607

LAWRENCE JACOBS #1





DIAMOND TESTING, LLC
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (620) 653-7550 • (800) 542-7313
 LAWRENCEJACOBS1DST4

Company Palomino Petroleum, Inc. Lease & Well No. Lawrence Jacobs No. 1
 Elevation 1909 KB Formation Arbuckle Effective Pay _____ Ft. Ticket No. T6
 Date 4-17-17 Sec. 32 Twp. 16S Range 12W County Barton State Kansas
 Test Approved By Jerry A. Smith Diamond Representative Tim Venters

Formation Test No. 4 Interval Tested from 3,375 ft. to 3,387 ft. Total Depth 3,387 ft.
 Packer Depth 3,370 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 3,375 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 3,363 ft. Recorder Number 5504 Cap. 5,000
 Bottom Recorder Depth (Outside) 3,384 ft. Recorder Number 11029 Cap. 5,025
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____

Drilling Contractor WW Drilling, LLC - Rig 14 Drill Collar Length 118 ft. I.D. 2 1/2
 Mud Type Chemical Viscosity 51 Weight Pipe Length _____ ft. I.D. _____
 Weight 9.3 Water Loss 10.0 cc. Drill Pipe Length 3,229 ft. I.D. 3 1/2
 Chlorides 6,800 P.P.M. Test Tool Length 28 ft. Tool Size 3 1/2
 Jars: Make Sterling Serial Number Not Run Anchor Length 12 ft. Size 4 1/2-Ft
 Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XI

Blow: 1st Open: Weak, 1/4 in. blow increasing to 7 ins. No blow back during shut-in.

2nd Open: Weak, surface blow increasing to 6 1/2 ins. No blow back during shut-in.

Recovered 10 ft. of muddy water w/oil specks = .142300 bbls. (Grind out: Oil specks; 51%-water; 49%-mud)
 Recovered 60 ft. of muddy water = .853800 bbls. (Grind out: 56%-water; 44%-mud)
 Recovered 120 ft. of mud cut water = .609020 bbls. (Grind out: 90%-water; 10%-mud) Chlorides: 11,000 Ppm PH: 8.0 RW: .62 @ 60°
 Recovered 190 ft. of TOTAL FLUID = 1.605120 bbls.
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Remarks Tool Sample Grind Out: <1%-Trace oil; 82%-water; 18%-mud

Time Set Packer(s) 10:09 P.M. Time Started off Bottom 12:09 A.M. Maximum Temperature 108°
 Initial Hydrostatic Pressure.....(A) 1584 P.S.I.
 Initial Flow Period.....Minutes 30 (B) 13 P.S.I. to (C) 69 P.S.I.
 Initial Closed In Period.....Minutes 30 (D) 1133 P.S.I.
 Final Flow Period.....Minutes 30 (E) 69 P.S.I. to (F) 95 P.S.I.
 Final Closed In Period.....Minutes 30 (G) 1121 P.S.I.
 Final Hydrostatic Pressure.....(H) 1583 P.S.I.

PALOMINO PETROLEUM, INC.
DST #4, ARBUCKLE, 3375-3387
Start Test Date: 2017/04/17
Final Test Date: 2017/04/18

LAWRENCE JACOBS #1
Formation: DST #4, ARBUCKLE, 3375-3387
Pool: POOL EXT
Job Number: T608

LAWRENCE JACOBS #1

