

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 Recompletion Date \_\_\_\_\_ 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](mailto:kcc-well-logs@kcc.ks.gov). Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No 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)</i> <i>(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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Remit To: Hurricane Services, Inc.  
 250 N. Water, Suite 200  
 Wichita, KS 67202  
 316-303-9515

Customer:  
 PALOMINO PETROLEUM INC  
 4924 SE 84TH ST  
 NEWTON, KS 67114-8827

Invoice Date: 2/4/2022  
 Invoice #: 0358681  
 Lease Name: Dumler 'W'  
 Well #: 2 (New)  
 County: Ness, Ks  
 Job Number: WP2380  
 District: Oakley

Date/Description	HRS/QTY	Rate	Total
Surface	0.000	0.000	0.00
H-325	200.000	18.400	3,680.00
Sugar	100.000	2.760	276.00
Light Eq Mileage	75.000	1.840	138.00
Heavy Eq Mileage	75.000	3.680	276.00
Ton Mileage	705.000	1.380	972.90
Depth Charge 0'-500'	1.000	920.000	920.00
Cement Blending & Mixing	200.000	1.288	257.60

**Total** 6,520.50

**TERMS:** Net 30 days. Interest may be charged on past due invoice at rate of 1 ½% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

**SALES TAX:** Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.

**WE APPRECIATE YOUR BUSINESS!**





# SWIFT



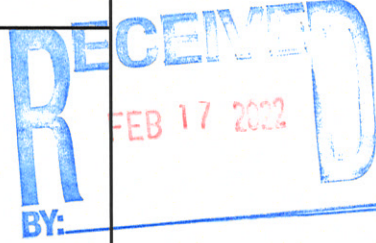
P. O. Box 466  
Ness City, KS 67560  
Off: 785-798-2300



## Invoice

DATE	INVOICE #
2/11/2022	34400

BILL TO
Palomino Petroleum Inc. 4924 S E 84th Street Newton, KS 67114-8827



- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#2	Dumler	Ness	Pickrell	Oil	Development	Longstring	Preston
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				35	Miles	6.00	210.00
578D-L	Pump Charge - Long String				1	Job	1,500.00	1,500.00
404-5	5 1/2" Port Collar				1	Each	2,500.00	2,500.00T
403-5	5 1/2" Cement Basket				1	Each	275.00	275.00T
406-5	5 1/2" Latch Down Plug & Baffle				1	Each	250.00	250.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	325.00	325.00T
409-5	5 1/2" Turbolizer				11	Each	90.00	990.00T
325	Standard Cement				100	Sacks	14.50	1,450.00T
284	Calseal				5	Sack(s)	40.00	200.00T
283	Salt				500	Lb(s)	0.25	125.00T
285	CFR-1				50	Lb(s)	5.00	250.00T
276	Flocele				75	Lb(s)	3.00	225.00T
330	Swift Multi-Density Standard (MIDCON II)				125	Sacks	18.00	2,250.00T
281	Mud Flush				500	Gallon(s)	1.50	750.00T
221	Liquid KCL (Clayfix)				4	Gallon(s)	25.00	100.00T
290	D-Air				3	Gallon(s)	42.00	126.00T
581D	Service Charge Cement				225	Sacks	2.00	450.00
583D	Drayage				393	Ton Miles	1.00	393.00
	Subtotal							12,369.00
	Sales Tax Ness County						6.50%	638.04

*Cement for long string for #2  
2/11*

**We Appreciate Your Business!**

**Total**

\$13,007.04 ✓



CHARGE TO: Delomino Petroleum  
 ADDRESS  
 CITY, STATE, ZIP CODE

PAGE 1 OF 2

TICKET 34400

1. SERVICE LOCATION <u>Ness City KS</u>	WELL/PROJECT NO. <u>#2</u>	LEASE <u>Dumbler</u>	COUNTY/PARISH <u>Ness</u>	STATE <u>KS</u>	CITY	DATE <u>2-11-22</u>	OWNER
2. TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>Pickrell</u>	RIG NAME/NO.	SHIPPED VIA <u>CT</u>	DELIVERED TO <u>location</u>	WELL PERMIT NO.	ORDER NO.	
3. WELL TYPE <u>oil</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>long string</u>				WELL LOCATION	
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING		DESCRIPTION	QTY. U/M		UNIT PRICE	AMOUNT
		LOC	ACCT		DF			
575		1		MILEAGE Truck 112	35	mi	6.00	210.00
578		1		Pump charge long string	1	506	1500.00	1500.00
404		1		Port Collar	1	kg	2500.00	2500.00
403		1		CMT Basket	1	EA	275.00	275.00
406		1		latch down plug & Baffle	1	EA	250.00	250.00
407		1		Insert Floot shoe w/ Auto Fill	1	EA	325.00	325.00
409		1		Turbolizers	1	EA	990.00	990.00

**LEGAL TERMS:** Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS.  
 X

DATE SIGNED 2-11-22 TIME SIGNED 9:30  A.M.  P.M.

REMIT PAYMENT TO:  
 SWIFT SERVICES, INC.  
 P.O. BOX 466  
 NESS CITY, KS 67560  
 785-798-2300

SURVEY	AGREE	UNDECIDED	DISAGREE	PAGE TOTAL	TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				42	13007.04
WE UNDERSTOOD AND MET YOUR NEEDS?					
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
CUSTOMER DID NOT WISH TO RESPOND					

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.  
 SWIFT OPERATOR Peter please APPROVAL  
 Thank You!







Geologic Report  
**Aaron L. Young**

Drilling Time and Sample Log

Scale 1:240 (5"=100') Imperial  
Measured Depth Log

Well Name: Dumler "W" #2  
API: 15-135-26146  
Location: Section 34 - T16S - R26W  
License Number: 30742  
Spud Date: 02 / 04 / 2022  
Surface Coordinates: 2283' FSL and 1011' FWL  
Approx. NE - NW - SW  
Region: Ness Co., KS  
Drilling Completed: 02 / 09 / 2022  
Bottom Hole Coordinates:  
Ground Elevation (ft): 2586' K.B. Elevation (ft): 2593'  
Logged Interval (ft): 3850' To: 4630' Total Depth (ft): 4630'  
Formation: Mississippian  
Type of Drilling Fluid: Chemical - MudCo

Printed by MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com

**OPERATOR**

Company: Palomino Petroleum, Inc.  
Address: 4924 SE 84th St  
Newton, KS 67114

**GEOLOGIST**

Name: Aaron L. Young, M. S.  
Company: Young Consulting LLC  
Address: 100 S Main Ste 505  
Wichita, KS 67202

**General Info**

**CONTRACTOR:** Pickrell Drilling, Rig #10

**BIT RECORD:**

No.	Size	Make	Jets	Out	Feet	Hours
1	12-1/4	RR	15-15-15	215'	215'	2.0
2	7-7/8	SMITH MSI516	13-13-13-13-13	4630'	4415'	58.75

**SURVEYS:** 215'-.75, 734'-.5, 1243'-.75, 1787'-.75, 2227'-.75, 2733'-.75, 4255'-1, 4630'-1

**GENERAL DRILLING AND PUMP INFORMATION:**

Drilling with 10,000 - 12,000 lbs. on bit and approx 80-90 RPM.  
Running 8 stands of collars; 470.06'  
Pumping 62 strokes/min @ approx 800 psi at standpipe.

## Daily Status

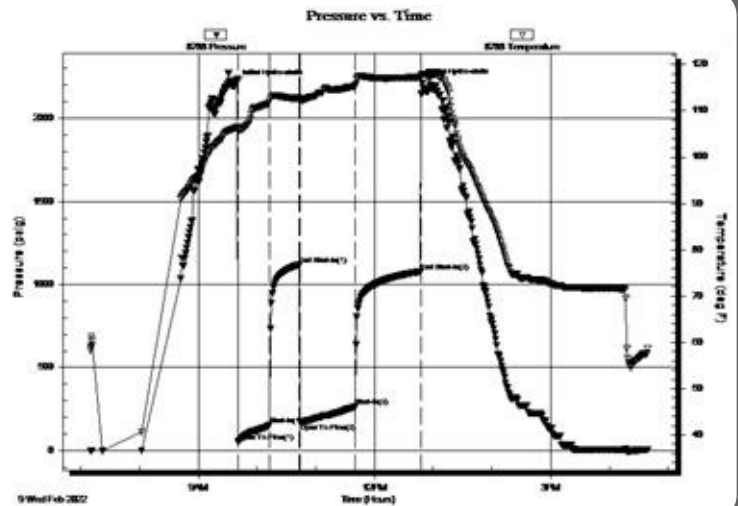
1/31/22 - Moved in Pickrell Drilling Company, Inc. rotary tools (Rig #10).  
 2/1/22 - Finished moving in rotary tools.  
 2/2/22 - Shut down for weather.  
 2/4/22 - Spudded at 1:30 p.m. Ran 4 jts. 8 5/8" 23# surface pipe set at 215' and cemented with 175 sacks H-325. Cement did circulate. Plug down at 7:00 p.m.  
 2/5/22 - Drilling at 364'.  
 2/6/22 - Drilling at 2354'.  
 2/7/22 - Drilling at 3476'.  
 2/8/22 - Drilling at 4221'.  
 2/9/22 - DST #1: 4426-4530  
 2/10/22 - Logging at 4630'. DST #2: 4529-4551  
 2/11/22 - Ran 110 jts. of new Midwest J55 5 1/2" 14# casing set 2' off bottom at 4628'. Circulated and pumped Desco for 1 hour. Pumped 12 bbls. mud flush followed by 20 bbls 2% KCL water and cemented with 65 sacks SMD cement and 100 sacks EA-2 cement. Good circulation at all times. Landed plug at 8:55 a.m. pressured to 1700#, let set 5 minutes, latch down held. Plugged rathole with 30 sacks SMD cement. Set slips and released rig at 10:55 a.m. Basket at 2072'. FDC at 4551'. Centralizers at 4584', 4542', 4500', 4458', 4416', 4347', 4290', 4206', 4164' and 1988'. Shoe joint = 42'. Port collar at 2030'.

**DST #1 MISSISSIPPIAN 4426' - 4530'**  
30"-30"-60"-60"

IF: Strong blow, BOB in 19 min  
 ISI: Weak blow. Built to 1/8"  
 FF: Strong blow, BOB in 23 min  
 FSI: Weak blow. Built to 3/4"

Rec'd: 209' GIP, 106' CO (100% O), 126' GOCM (25% G, 50% O, 25% M), 252' GOCM (35% G, 45% O, 20% M), 117' GOCM (45% G, 37% O, 18% M)

SIP: 1119-1077#  
 FP: 52-155#, 167-265#  
 HP: 2210-2213#

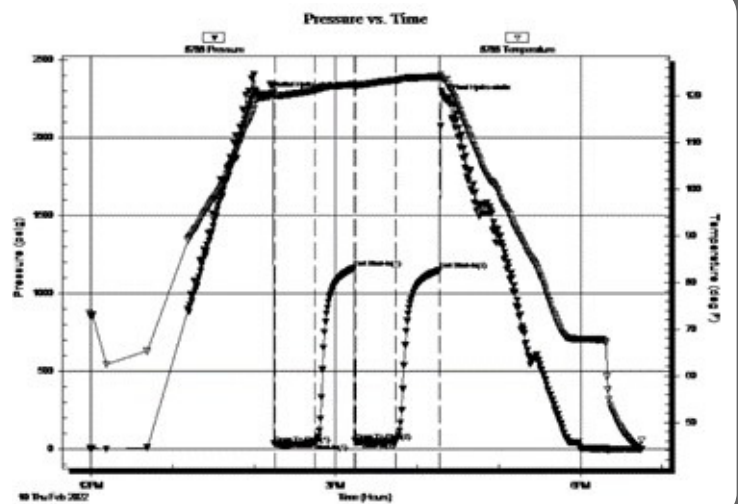


**DST #2 MISSISSIPPIAN**  
4529' - 4551' Straddle  
30"-30"-30"-30"

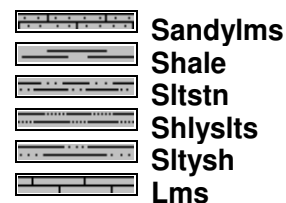
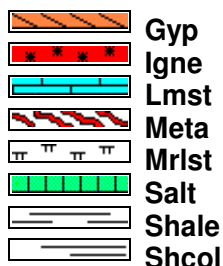
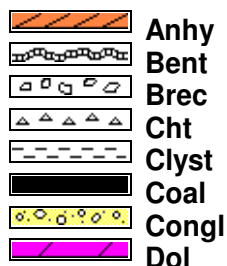
IF: Weak blow. Built to 2"  
 ISI: No blow  
 FF: Weak blow. Built to 2.25"  
 FSI: No blow

Rec'd: 50' GIP, 10' CO (100% O), 60' GVSOWCM (1% G, 5% O, 1% W, 93% M)

SIP: 1163-1151#  
 FP: 35-39#, 52-52#  
 HP: 2272-2252#

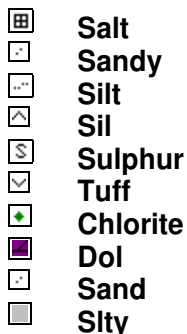


## ROCK TYPES

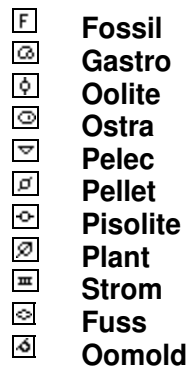
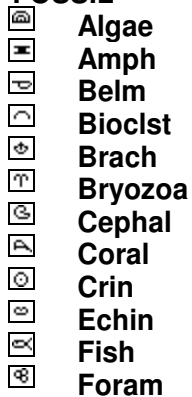


## ACCESSORIES

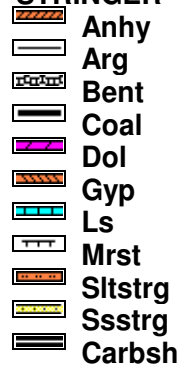
### MINERAL



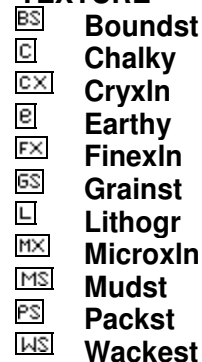
### FOSSIL



### STRINGER

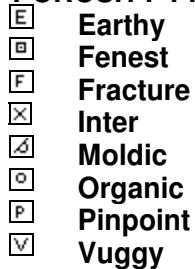


### TEXTURE



## OTHER SYMBOLS

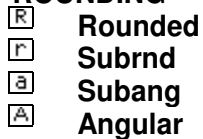
### POROSITY TYPE



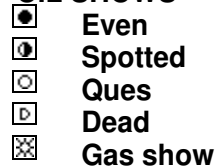
### SORTING



### ROUNDING



### OIL SHOWS





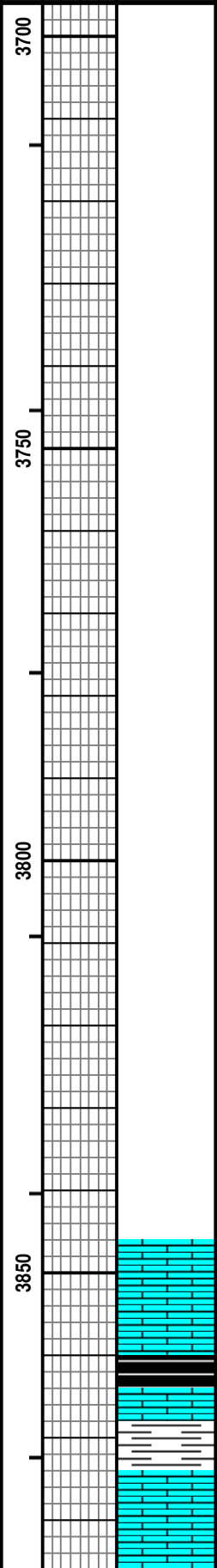
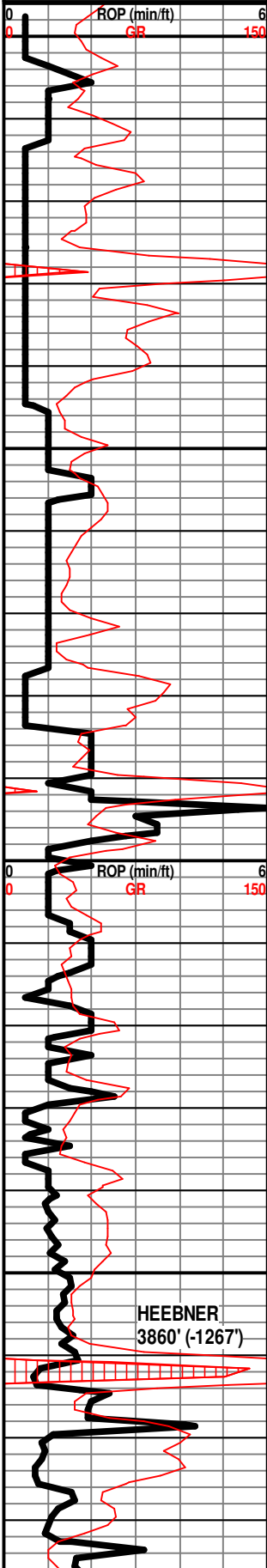
### INTERVALS



### EVENTS



<p>Curve Track 1</p> <p>ROP (min/ft) </p> <p>GR </p>	<p>MD</p>	<p>Porosity</p> <p>24%</p> <p>18%</p> <p>12%</p> <p>6%</p>	<p>Lithology</p> <p>Oil Shows</p>	<p>Geological Descriptions</p>	<p>New Track</p>
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LS - CRM / TAN, VF / F XLN, MOD DNS / DNS, FOSS IN PT, FEW BRYOZOANS

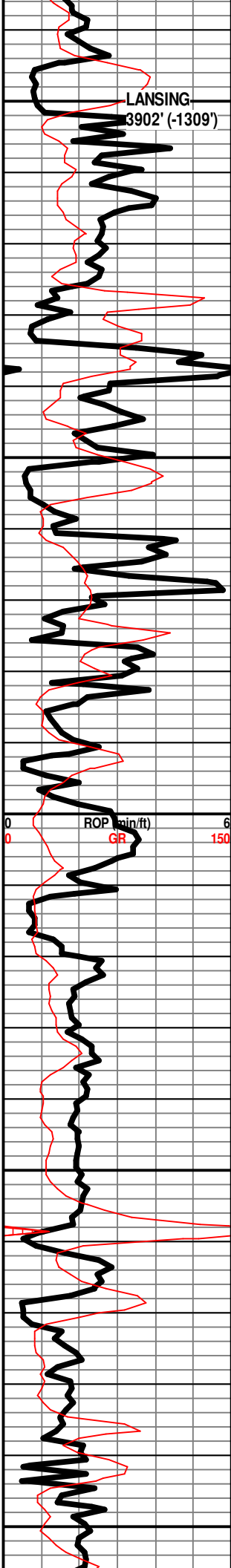
SH - BLK, CARB

LS - CRM / TAN, VF / F XLN, MOD DNS, FOSS IN PT, W/ SH - TURQ / RD-ORNG

LS - CRM / TAN, F XLN, MOD DNS / DNS, FOSS IN PT, W/ SH - PRED LT GY, LT GRN IN PT, V SOFT IN PT

LS - TAN / CRM / TAN E / M XLN, DNS, FOSS IN PT W/

WT 8.8  
 VIS 48  
 LCM 3#



3900  
3950  
4000  
4050  
4100



LS - TAN / CRM / TAN, F / M XLN, DNS, FOSS IN PT, W/ LS IN PT - CRM / WHT, VF XLN, MOD DNS / SUBCHKY

SH - MAR / GRN, W/ LS - CRM / TAN, F XLN, MOD DNS / DNS

LS - CRM / TAN / GY IN PT, F / M XLN, DNS, FOSS IN PT, W/ SCAT CHT - DK TAN / GY, SLI TRANSLUCNT, FRSH

LS - CRM / TAN, F / M XLN, DNS, ABUND FOSS IN PT, W/ SH - DK GRN / DK GY

SH - BLK, CARB

SH - LT GY / GY, LMY IN PT, SLTY, W/ LS - GY, F XLN, SLTY

LS - CRM, F XLN, DNS, P INTERPART & INTERXLN POR IN PT, NS, ABUND FOSS, W/ SH - TURQ / RD-ORNG

LS - CRM, F / VF XLN, DNS / MOD DNS, W/ SH - GRN / TURQ / RDISH-BRN / RD-ORNG

LS - CRM, F / M XLN, MOD DNS / DNS, FOSS IN PT

LS - CRM / GY, F / M XLN, DNS / MOD DNS, FOSS, FEW FOSS REPLCD BY CALCTE, W/ SH - RD / GRN / GY, W/ FEW SCAT PIECES OF PYRITE

LS - TAN / GY, F / M XLN, DNS / MOD DNS, FOSS IN PT, W/ SH - LT GY / LT GRN / MAR / RD-ORNG IN PT

LS - CRM / WHT, F / VF XLN, PRED MOD DNS / SUBCHKY, CHKY IN PT, FOSS IN PT, W/ SH - GRN / GY

LS - CRM, F XLN, MOD DNS / DNS, FOSS IN PT, P INTERXLN POR IN FEW PIECES, SLI OIL SHEEN WHEN BREAKING ONE ROCK, NSFO, NO ODOR, NO FLUOR

LS - CRM / WHT, F XLN, OOLITIC, FOSS, P / F OOLMOLDIC POR IN PT, NS, NO ODOR, NO FLUOR

SH - GRN / GY, W/ LS - WHT / CRM, VF XLN, SUBCHKY / CHKY, W/ LS - TAN, M XLN, MOD DNS / DNS, FOSS

LS - CRM / TAN, F / M XLN, MOD DNS / DNS, FOSS IN PT

LS - CRM / WHT, F / VF XLN, MOD DNS

LS - CRM / WHT, F / VF XLN, PRED MOD DNS, FEW PIECES SUBCHKY

SH - BLK, CARB, W/ LS - CRM / GY, F / M XLN, MOD DNS / DNS, FOSS IN PT

SH - GY, W/ LS - CRM / TAN, F / VF XLN, MOD DNS / DNS, FOSS IN PT

LS - CRM / TAN, F / VF XLN, PRED MOD DNS, SUBCHKY IN FEW PIECES

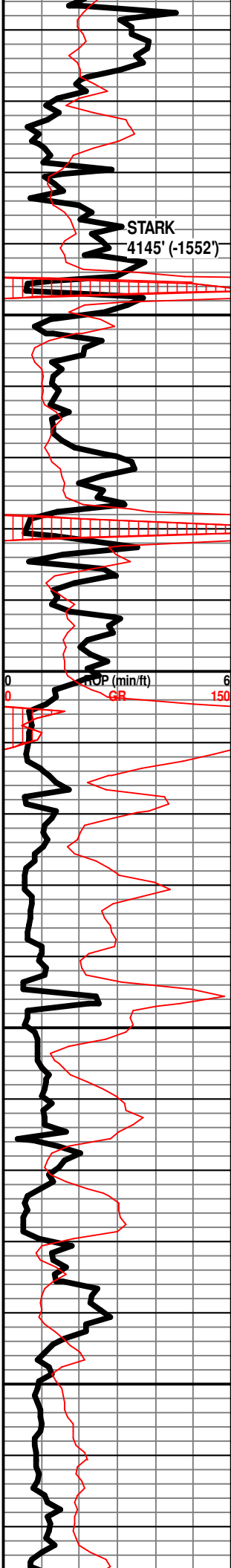
LS - CRM / TAN, F XLN, MOD DNS, FOSS IN PT, W/ SH - LT GY

LS - CRM, VF / F XLN, FOSS IN PT, OOLITIC IN PT, PRED MOD DNS, P INTEROOLITIC & INTERPART POR IN FEW PIECES, SHO OF BLEEDING OIL & GAS IN TWO PIECES, LT BRN OIL DROPLETS, SLI MINERAL FLUOR, W/ SH - MAR / GRN / GY / RD-ORNG

WT 9.1  
VIS 52  
LCM 1#

WT 9/2  
VIS 48  
LCM 4#

WT 9.2+  
VIS 48  
LCM 4#



4150

4200

4250

4300

LS - PRED CRM, TAN IN PT, PRED F XLN, M XLN IN PT, VF XLN IN PT, PRED MOD DNS / DNS, SUBCHKY IN FEW PIECES, FOSS IN PT

LS - TAN / LT GY / CRM IN PT, VF XLN, MOD DNS

SH - LT GY / LT GRN, W/ LS - LT GY, F / M XLN, DNS / MOD DNS, FOSS IN PT

LS - TAN, M / F / VF XLN, DNS / MOD DNS IN PT, FOSS IN PT

SH - BLK, CARB, W/ LS - TAN / CRM IN PT, F / VF XLN, MOD DNS

LS - CRM / TAN, VF XLN, MOD DNS / SUBCHKY, FOSS IN PT, W/ SH - DK GRN / DK GY, W/ SCAT PYRITE CLUSTERS

LS - CRM / LT GY, VF XLN, PRED SUBCHKY, CHKY IN PT, MOD DNS IN PT, FOSS IN PT, OOLITC IN FEW PIECES, PYRITIC IN FEW PIECES, P OOLMOLDIC POR IN FEW PIECES, NS

LS - CRM / LT GY, VF XLN, PRED SUBCHKY / MOD DNS, CHKY IN PT, FOSS IN PT

SH - BLK, CARB, W/ LS - CRM / TAN, F / VF XLN, MOD DNS / SUBCHKY, FOSS IN PT

SH - LT GY / GRN, W/ LS - CRM / TAN / LT GY, F XLN, MOD DNS, FOSS IN PT

LS - CRM / LT GY, F / VF XLN, MOD DNS / SUBCHKY IN PT, FOSS IN PT

SH - BLK, CARB, W/ LS - CRM / TAN, F XLN, MOD DNS, FOSS IN PT

LS - CRM / TAN, F / VF XLN, MOD DNS / DSN, FOSS IN PT. W/ SH - BLK, CARB

LS - CRM / TAN, F XLN, DNS / MOD DNS, FOSS IN PT, W/ SH - GY / GRN

SH - BLK, CARB, W/ SH - GY, W/ LS - CRM / TAN, F XLN, MOD DNS / DNS, FOSS IN PT

SH - GY / GRN IN PT

LS - CRM / TAN, PRED F XLN, VF XLN IN PT, M XLN IN PT, PRED MOD DNS, DNS IN PT, SUBCHKY IN PT, FOSS IN PT, W/ SH - RDISH-BRN / MAR / GRN / GY

LS - CRM / TAN, F / M XLN, DNS / MOD DNS IN PT, FOSS IN PT, W/ SH - GY / GRN / MAR / PURP / RD-ORNG

LS - TAN / CRM, F / M XLN, PRED DNS, P INTERXLN & FOSS MOLDIC POR IN PT, SSFO IN PT, DK BRN OIL, NO ODOR, NO FLUOR, SUBCHKY IN PT

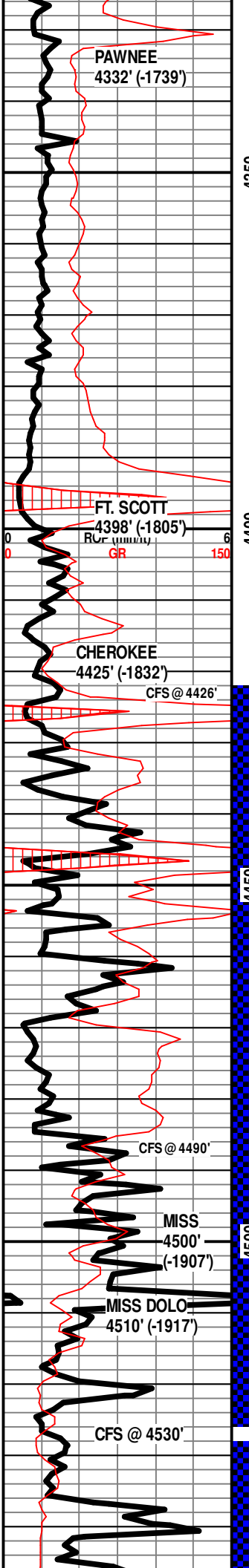
LS - CRM, VF / F XLN, MOD DNS / SUBCHKY IN PT, W/ SH - RDISH-BRN / MAR / GRN

LS - CRM / TAN, F / VF XLN, PRED MOD DNS, SUBCHKY IN PT, FOSS IN PT

LS - CRM / LT GY, VF XLN, MOD DNS, HOMOGENEOUS

WT 9.3  
VIS 63  
LCM 3#





LS - CRM / TAN / LT GY, VF XLN, MOD DNS, W/ SH - BLK CARB

LS - CRM / TAN / LT GY, VF XLN, MOD DNS / SUBCHKY IN PT

LS - LT GY, F / VF XLN, MOD DNS

LS - CRM / LT GY, F XLN, MOD DNS

LS - TAN / LT GY / GY, F XLN, MOD DNS

LS - TAN / LT GY, F / M XLN, DNS / MOD DNS

SH - BLK, CARB

LS - TAN, F / M XLN, DNS, P VUGGY & INTERXLN POR IN FEW PIECES, SAT STN, NSFO, NO ODOR

LS - TAN / CRM, F / M XLN, ABUND OF FOSS IN PT, PRED DNS, P INTERXLN & INTERPART POR IN FEW PIECES, SSFO, TIGHT, BLEADING OIL, LT BRN OIL, F CUP ODOR, BRI YEL-GRN FLUOR IN SHO ROCKS

LS - CRM / TAN, F / VF XLN, ABUND FOSS IN PT, PRED MOD DNS / DNS, P / F INTERXLN & INTERPART POR IN PT, PRED TIGHT, SSFO, F CUP ODOR, BRI YEL-GRN FLUOR IN SHO ROCK, SHO ROCKS SUBCHKY IN PT

SH - BLK, CARB, W/ LS - TAN / GY, F / M XLN, DNS, W/ SH - LT GY

LS - TAN / GY, F / M XLN, PRED V DNS, P INTERXLN & VUG POR IN PT, SAT STN, VSSFO, NO ODOR, DULL YEL-GRN FLUOR, W/ SH - GY

SH - BLK, CARB, W/ LS - CRM TAN, M / F / VF XLN, PRED DNS / MOD DNS, SUBCHKY / CHKY IN PT

LS - CRM / TAN, F / M XLN, MOD DNS / DNS, FOSS IN PT, W/ SH - GY / GRN / MAR

LS - CRM / TAN, VF / F / M XLN, MOD DNS / DNS, W/ SH - GRN / GY

SH - PRED YEL, GRN / PURP / MAR / GY IN PT, SLTY IN PT, SDNY IN PT, W/ FEW CLUSTER OF SS - WHT, VF GR, MOD CEM, ARG

LS - TAN / CRM / GY, F XLN, DNS, W/ SH - PRED YEL / GRN, GY / PURP IN PT, SLTY IN PT, W/ FEW CLUSTERS OF SS - TAN, VF / F XLN, DNS, W CEM, MOD SRTD, W RND

LS - TAN / CRM, F / M XLN, DNS, W/ SH - GRN / MAR / YEL / PURP / GY

LS - CRM, F XLN, MOD DNS / DNS, W/ SH - MAR / GRN / YEL

SH - GY / GRN / MAR / YEL, W/ LS - CRM / TAN, F XLN, DNS / MOD DNS

DOLO - TAN / CRM, F XLN, FOSS, F INTERXLN & INTERPART POR, GSFO, TIGHT IN PT, V G CUP ODOR, BRI YEL-GRN FLUOR

DOLO - BRN / TAN, F XLN, ABUND FOSS, P / F INTERXLN POR, GSFO, PRED TIGHT, V G CUP ODOR, BRI YEL-GRN FLUOR

DOLO - TAN, F XLN, ABUND FOSS, F / G INTERXLN POR, FSFO, V G CUP ODOR, BRI YEL-GRN FLUOR

DOLO - BRN / TAN, F XLN, ABUND FOSS, F / G INTERXLN & VUG POR, FSFO, F CUP ODOR, BRI YEL-GRN FLUOR

DOLO - TAN / LT GY, F XLN, FOSS, F / G INTERXLN POR, VUG POR IN PT, NSFO, ABUND OIL SHEEN WHEN BRKN F CUP ODOR BRI YEL-GRN FLUOR

WT 9.5  
VIS 62  
LCM 2#

DST #1 MISSISSIPPIAN  
4426' - 4530'  
30"-30"-60"-60"

IF: Strong blow, BOB in 19 min  
ISI: Weak blow. Built to 1/8"  
FF: Strong blow, BOB in 23 min  
FSI: Weak blow. Built to 3/4"

Rec'd: 209' GIP, 106' CO (100% O), 126'  
GOCM (25% G, 50% O, 25% M), 252'  
GOCM (35% G, 45% O, 20% M), 117'  
GOCM (45% G, 37% O, 18% M)

SIP: 1119-1077#  
FP: 52-155#, 167-265#  
HP: 2210-2213#

SHORT TRIP @ 4490'

STRAP 0.63  
SHORT TO  
BOARD

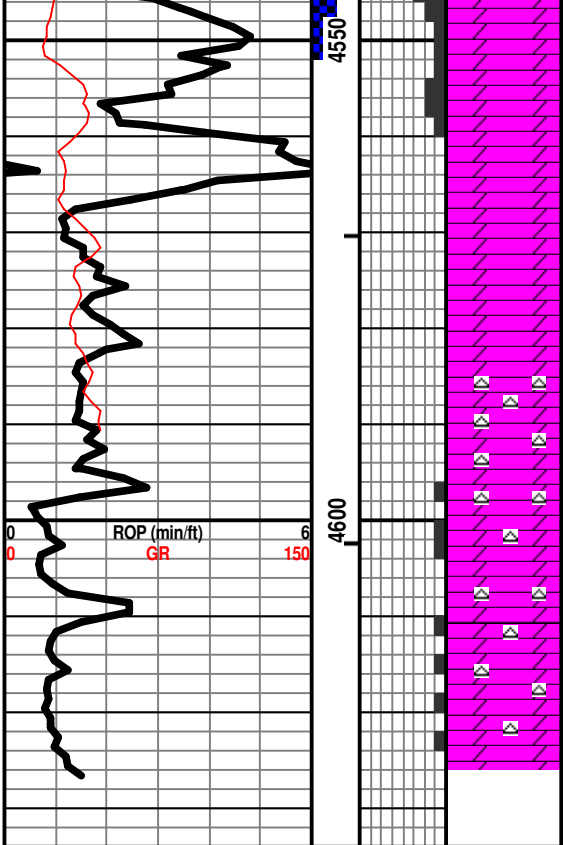
DST #2 MISSISSIPPIAN  
4529' - 4551' Straddle  
30"-30"-30"-30"

IF: Weak blow. Built to 2"  
ISI: No blow  
FF: Weak blow. Built to 2.25"  
FSI: No blow

Rec'd: 50' GIP, 10' CO (100% O), 60'

DRILL, F OSS, SUBCH, DRILL PEE GRN PESSH

REC'D: 50 GR, 1% SS (100% G), 5%  
GVSOWCM (1% G, 5% O, 1% W, 93% M)



DOLO - TAN / LT GY / CRM IN PT, F XLN, FOSS, P  
INTERXLN POR IN PT, PRED DNS, NS

SIP: 1163-1151#  
FP: 35-39#, 52-52#  
HP: 2272-2252#

DOLO - TAN / LT GY, VF XLN, MOD DNS / SUBCHKY,  
HOMOGENEOUS

DOLO - LT GY / TAN, VF XLN, MOD DNS,  
HOMOGENEOUS

DOLO - TAN / LT GRN, VF / F XLN, MOD DNS

DOLO - CRM / LT GY, F XLN, MOD DNS

WT 9.5  
VIS 52  
LCM 2#

DOLO - CRM, F / VF XLN, MOD DNS, W/ CHT - GY / TAN,  
SLI TRANSLUCNT, FRSH, FOSS, W/ FEW PIECES OF  
DOLO - WHT, V CHKY

DOLO - CRM / WHT, F / VF XLN IN PT, PRED MOD DNS /  
DNS, CHKY IN FEW PIECES, W/ CHT - GY / TAN / WHT,  
SLI TRANSLUCNT, FRSH, FOSS, FEW PIECES W/ VP  
POR IN PT, NS

RTD 4630'

Entire report  
shifted up 3' to  
match logs



## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84th St.  
Newton, KS 67114

ATTN: Aaron Young

### **Dumler "W" #2**

#### **34-16s-26w Ness,KS**

Start Date: 2022.02.09 @ 07:09:50

End Date: 2022.02.09 @ 16:39:35

Job Ticket #: 67902                      DST #: 1

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2022.02.11 @ 12:32:45



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Palomino Petroleum Inc  
4924 SE 84th St.  
New ton, KS 67114  
ATTN: Aaron Young

**34-16s-26w Ness,KS**

**Dumler "W" #2**

Job Ticket: 67902

**DST#: 1**

Test Start: 2022.02.09 @ 07:09:50

## GENERAL INFORMATION:

Formation: **Mississippi**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Initial)  
 Time Tool Opened: 09:40:20  
 Tester: Matt Smith  
 Time Test Ended: 16:39:35  
 Unit No: 68  
 Interval: **4426.00 ft (KB) To 4530.00 ft (KB) (TVD)**  
 Reference Elevations: 2593.00 ft (KB)  
 Total Depth: 4530.00 ft (KB) (TVD)  
 2586.00 ft (CF)  
 Hole Diameter: 7.88 inches  
 Hole Condition: Poor  
 KB to GR/CF: 7.00 ft

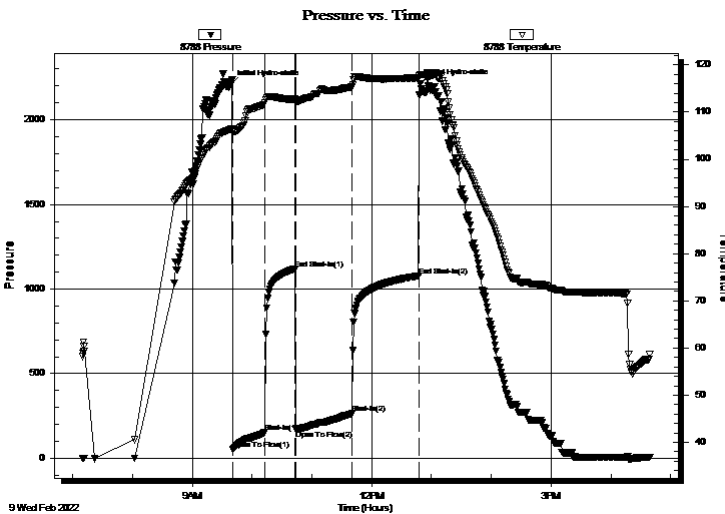
## Serial #: 8788

Inside

Press@RunDepth: 265.07 psig @ 4427.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2022.02.09 End Date: 2022.02.09 Last Calib.: 2022.02.09  
 Start Time: 07:09:55 End Time: 16:39:35 Time On Btm: 2022.02.09 @ 09:38:50  
 Time Off Btm: 2022.02.09 @ 12:48:50

TEST COMMENT: IF: Strong Blow . B.O.B. in 19 mins. Built to 19.45". (30)  
 IS: Weak Blow e. Built to 1/8". (30)  
 FF: Strong Blow . B.O.B. in 23 mins. Built to 33.89". (60)  
 FS: Weak Blow . Built to 3/4". (60)

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2210.45	106.38	Initial Hydro-static
2	52.28	105.85	Open To Flow (1)
35	155.21	112.08	Shut-In(1)
64	1119.02	112.76	End Shut-In(1)
66	167.34	112.35	Open To Flow (2)
122	265.07	115.45	Shut-In(2)
189	1077.36	117.26	End Shut-In(2)
190	2213.27	117.95	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
117.00	GOCM 45%g 37%o 18%m	0.89
252.00	GOCM 35%g 45%o 20%m	3.53
126.00	GOCM 25%g 50%o 25%m	1.77
106.00	Clean Oil 100%o	1.49
0.00	209' GIP 100%g	0.00

## Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Palomino Petroleum Inc

**34-16s-26w Ness,KS**

4924 SE 84th St.  
New ton, KS 67114

**Dumler "W" #2**

Job Ticket: 67902

**DST#: 1**

ATTN: Aaron Young

Test Start: 2022.02.09 @ 07:09:50

## Tool Information

Drill Pipe:	Length: 4315.00 ft	Diameter: 3.80 inches	Volume: 60.53 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 117.00 ft	Diameter: 2.80 inches	Volume: 0.89 bbl	Weight to Pull Loose: 74000.00 lb
			<u>Total Volume: 61.42 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	34.00 ft			String Weight: Initial 66000.00 lb
Depth to Top Packer:	4426.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	104.00 ft			
Tool Length:	132.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4399.00	
Shut In Tool	5.00			4404.00	
Hydraulic tool	5.00			4409.00	
Jars	5.00			4414.00	
Safety Joint	3.00			4417.00	
Packer	4.00			4421.00	28.00 Bottom Of Top Packer
Packer	5.00			4426.00	
Stubb	1.00			4427.00	
Recorder	0.00	8788	Inside	4427.00	
Recorder	0.00	8737	Outside	4427.00	
Perforations	4.00			4431.00	
Change Over Sub	1.00			4432.00	
Blank Spacing	64.00			4496.00	
Change Over Sub	1.00			4497.00	
Perforations	30.00			4527.00	
Bullnose	3.00			4530.00	104.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>132.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Palomino Petroleum Inc

**34-16s-26w Ness,KS**

4924 SE 84th St.  
New ton, KS 67114

**Dumler "W" #2**

Job Ticket: 67902

**DST#: 1**

ATTN: Aaron Young

Test Start: 2022.02.09 @ 07:09:50

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

1900 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.89 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1900.00 ppm

Filter Cake: 0.20 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
117.00	GOCM 45%g 37%o 18%m	0.891
252.00	GOCM 35%g 45%o 20%m	3.535
126.00	GOCM 25%g 50%o 25%m	1.767
106.00	Clean Oil 100%o	1.487
0.00	209' GIP 100%g	0.000

Total Length: 601.00 ft      Total Volume: 7.680 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: None

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity w as 38.4@64 Degrees = 38.4@60 Corrected.

Serial #: 8788

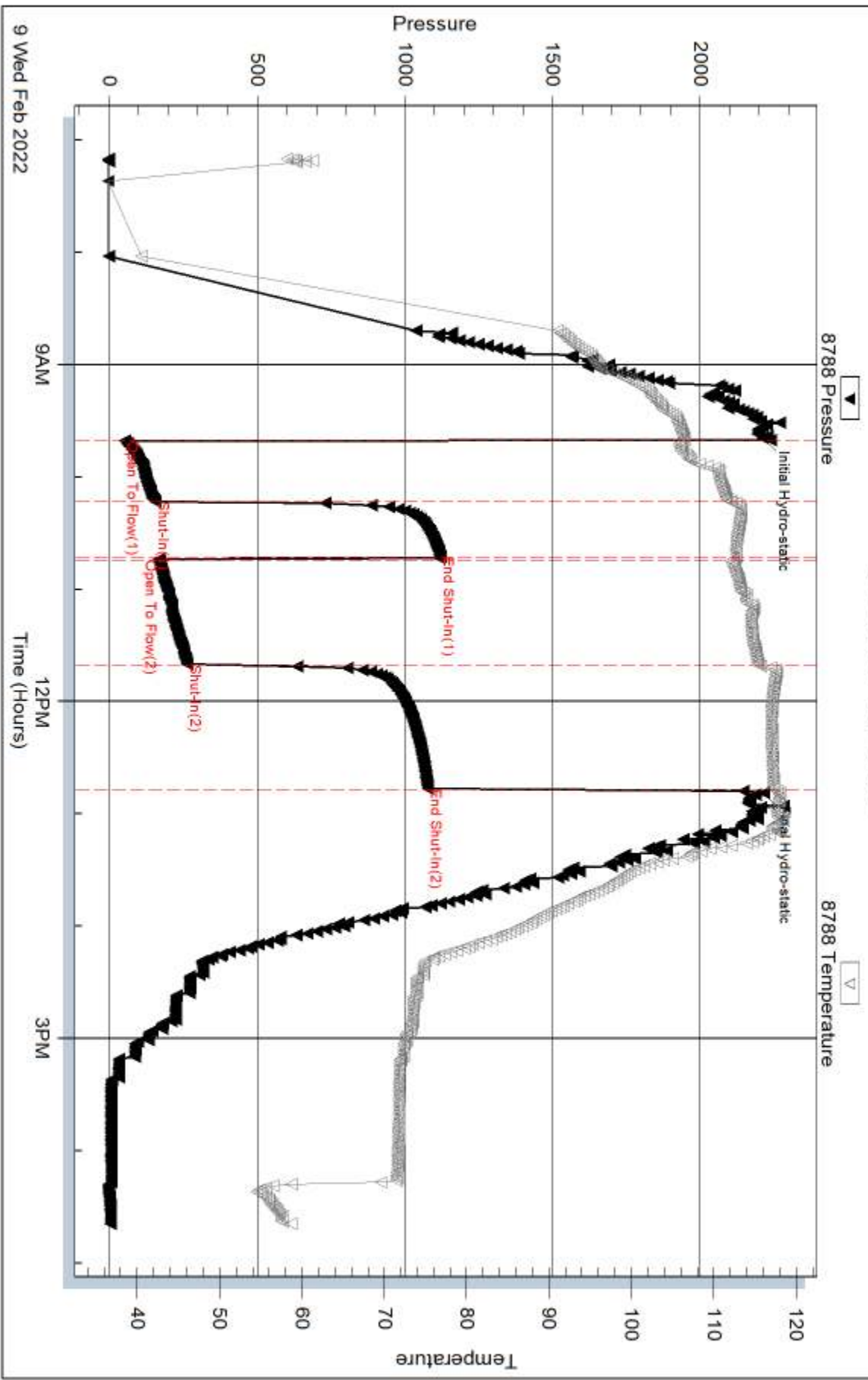
Inside

Palomino Petroleum Inc

Durter "W" #2

DST Test Number: 1

### Pressure vs. Time



9 Wed Feb 2022

9AM

12PM

3PM

Time (Hours)

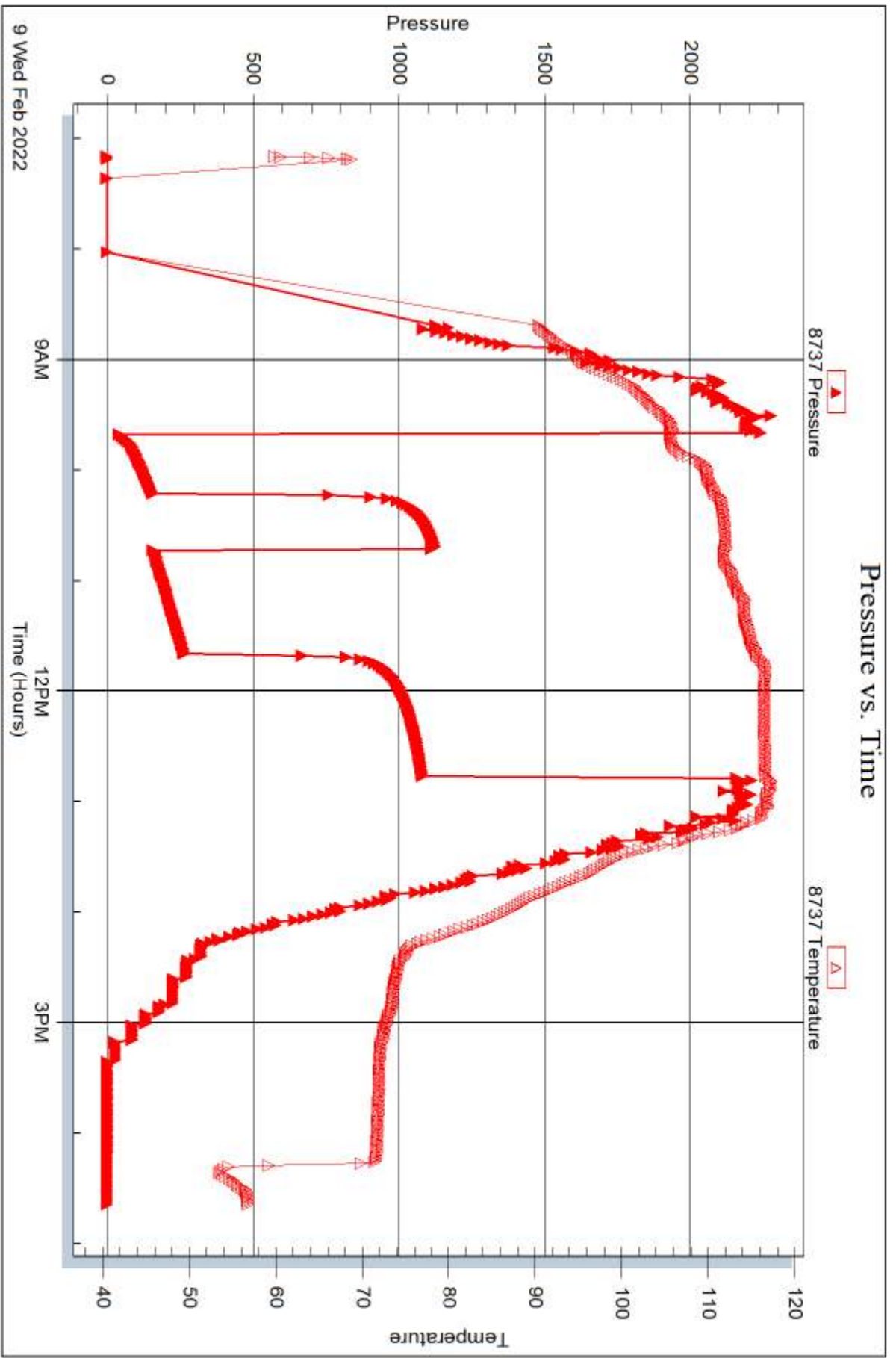


Serial #: 8737

Outside Palomino Petroleum Inc

Durter "W" #2

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 67902

Printed: 2022.02.11 @ 12:32:46



## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84th St.  
Newton, KS 67114

ATTN: Aaron Young

### **Dumler "W" #2**

### **34-16s-26w Ness,KS**

Start Date: 2022.02.10 @ 11:59:10

End Date: 2022.02.10 @ 18:44:55

Job Ticket #: 67903                      DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2022.02.11 @ 12:30:08



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Palomino Petroleum Inc  
4924 SE 84th St.  
New ton, KS 67114  
ATTN: Aaron Young

**34-16s-26w Ness,KS**

**Dumler "W" #2**

Job Ticket: 67903

**DST#: 2**

Test Start: 2022.02.10 @ 11:59:10

## GENERAL INFORMATION:

Formation: **Lower Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:15:25

Time Test Ended: 18:44:55

Test Type: Conventional Straddle (Reset)

Tester: Matt Smith

Unit No: 68

**Interval: 4529.00 ft (KB) To 4551.00 ft (KB) (TVD)**

Total Depth: 4630.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2593.00 ft (KB)

2586.00 ft (CF)

KB to GR/CF: 7.00 ft

**Serial #: 8788**

**Inside**

Press@RunDepth: 52.09 psig @ 4530.00 ft (KB)

Start Date: 2022.02.10

End Date:

2022.02.10

Start Time: 11:59:15

End Time:

18:44:54

Capacity: 8000.00 psig

Last Calib.: 2022.02.10

Time On Btm: 2022.02.10 @ 14:11:25

Time Off Btm: 2022.02.10 @ 16:20:40

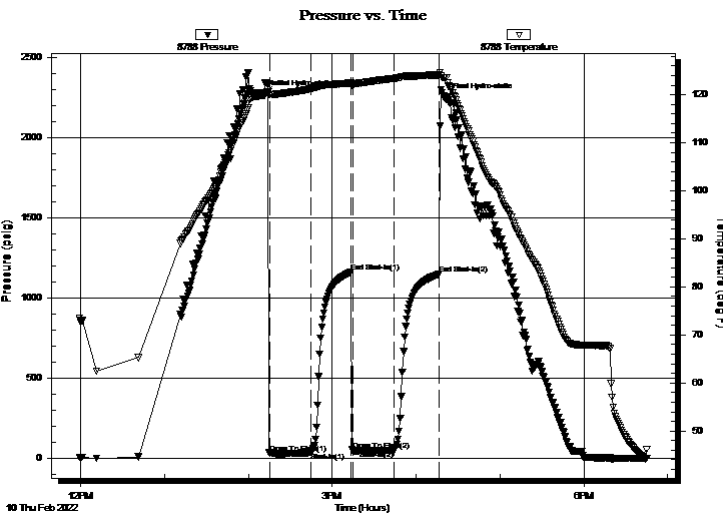
TEST COMMENT: IF: Weak Blow . Built to 2". (30)

IS: No Blow . (30)

FF: Weak Blow . Built to 2 1/4". (30)

FS: No Blow . (30)

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2271.70	119.77	Initial Hydro-static
4	34.74	119.98	Open To Flow (1)
34	38.79	121.27	Shut-In(1)
62	1163.01	122.45	End Shut-In(1)
63	51.68	122.17	Open To Flow (2)
93	52.09	123.40	Shut-In(2)
126	1151.01	124.13	End Shut-In(2)
130	2252.26	123.59	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	GV/SOWCM 1%g 5%o 1%w 93%m	0.46
10.00	CO 100%o	0.08
0.00	50' GIP 100%g	0.00

\* Recovery from multiple tests

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)







**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Palomino Petroleum Inc

**34-16s-26w Ness,KS**

4924 SE 84th St.  
New ton, KS 67114

**Dumler "W" #2**

Job Ticket: 67903

**DST#: 2**

ATTN: Aaron Young

Test Start: 2022.02.10 @ 11:59:10

## Tool Information

Drill Pipe:	Length: 4411.00 ft	Diameter: 3.80 inches	Volume: 61.87 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 117.00 ft	Diameter: 2.80 inches	Volume: 0.89 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 62.76 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4529.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	4549.00 ft			
Interval between Packers:	20.00 ft			
Tool Length:	128.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

**Length (ft) Serial No. Position Depth (ft) Accum. Lengths**

Change Over Sub	1.00			4502.00	
Shut In Tool	5.00			4507.00	
Hydraulic tool	5.00			4512.00	
Jars	5.00			4517.00	
Safety Joint	3.00			4520.00	
Packer	4.00			4524.00	28.00 Bottom Of Top Packer
Packer	5.00			4529.00	
Stubb	1.00			4530.00	
Recorder	0.00	8788	Inside	4530.00	
Recorder	0.00	8737	Outside	4530.00	
Perforations	18.00			4548.00	
Blank Off Sub	1.00			4549.00	
Packer	2.00			4551.00	20.00 Tool Interval
Packer	3.00			4554.00	
Stubb	1.00			4555.00	
Perforations	5.00			4560.00	
Change Over Sub	1.00			4561.00	
Blank Spacing	64.00			4625.00	
Change Over Sub	1.00			4626.00	
Recorder	0.00	6799	Below	4626.00	
Bullnose	3.00			4629.00	80.00 Bottom Packers & Anchor

**Total Tool Length: 128.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Palomino Petroleum Inc

**34-16s-26w Ness,KS**

4924 SE 84th St.  
New ton, KS 67114

**Dumler "W" #2**

Job Ticket: 67903

**DST#: 2**

ATTN: Aaron Young

Test Start: 2022.02.10 @ 11:59:10

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

1900 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.89 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1900.00 ppm

Filter Cake: 0.20 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	GVSOWCM 1%g 5%o 1%w 93%m	0.457
10.00	CO 100%o	0.076
0.00	50' GIP 100%g	0.000

Total Length: 70.00 ft      Total Volume: 0.533 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: None

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity w as 38 @ 60 Degrees = 38 Gravity.

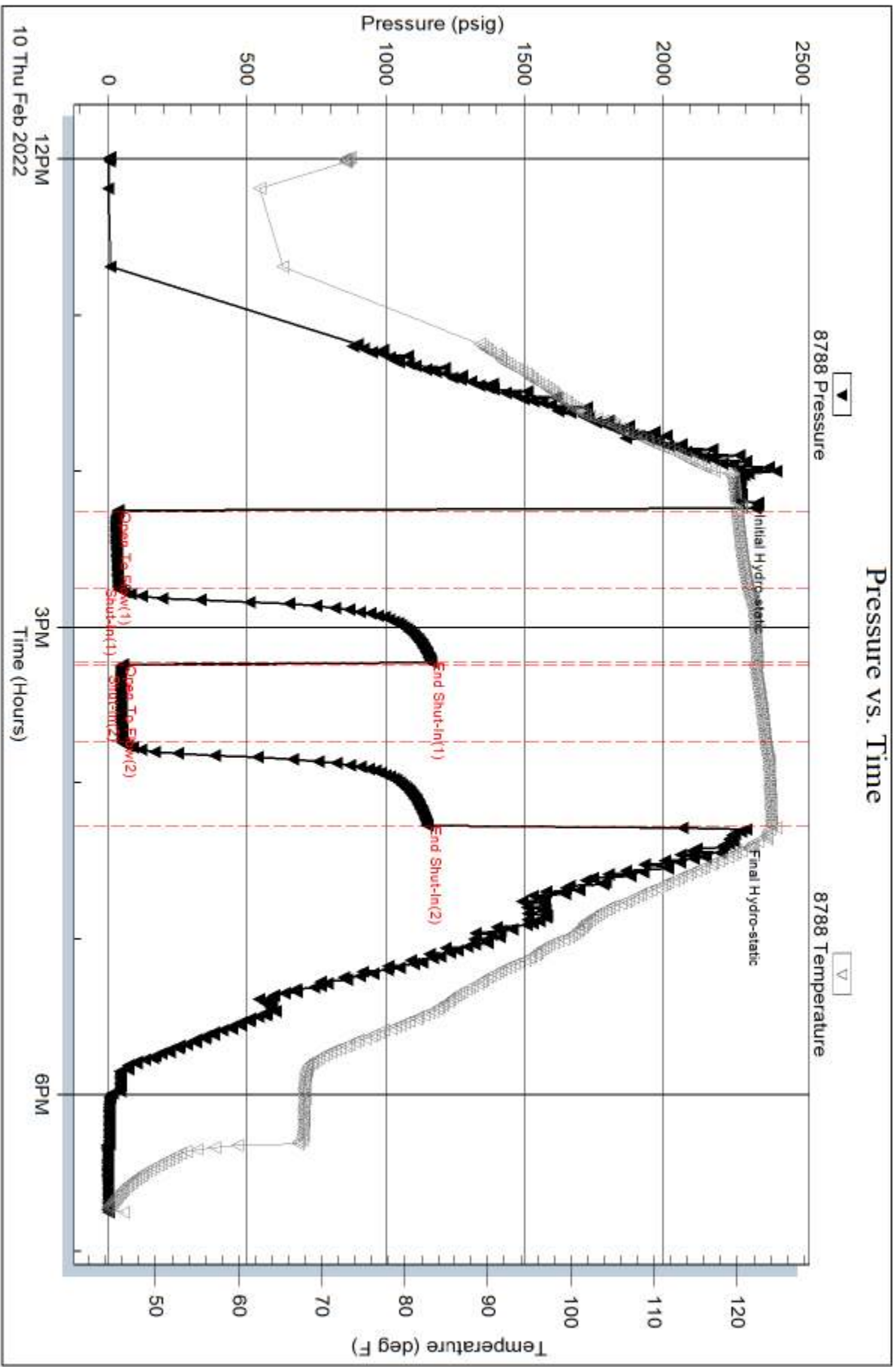
Serial #: 8788

Inside

Palomino Petroleum Inc

Durter "W" #2

DST Test Number: 2



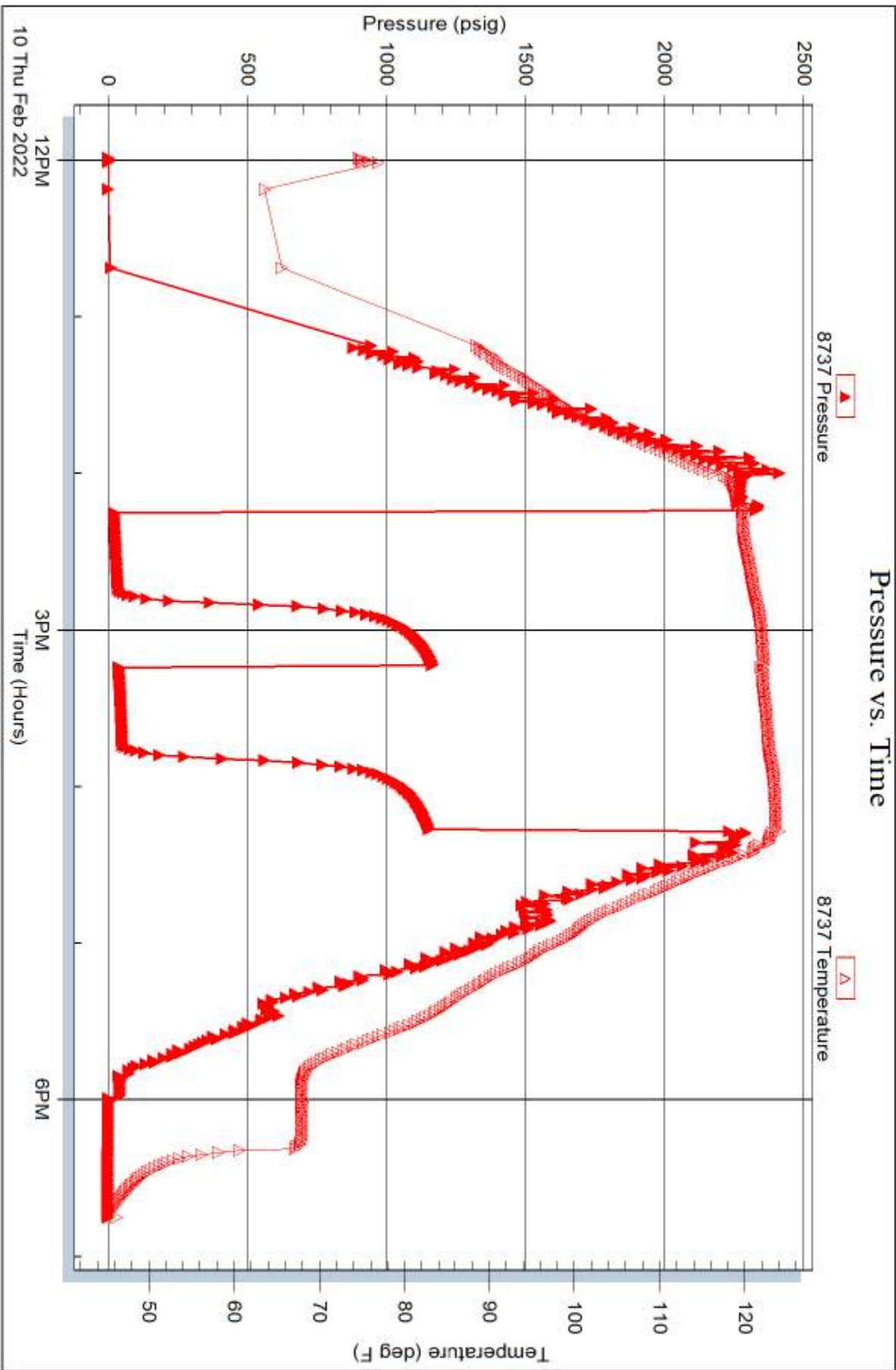


Serial #: 8737

Outside Palomino Petroleum Inc

Durter "W" #2

DST Test Number: 2

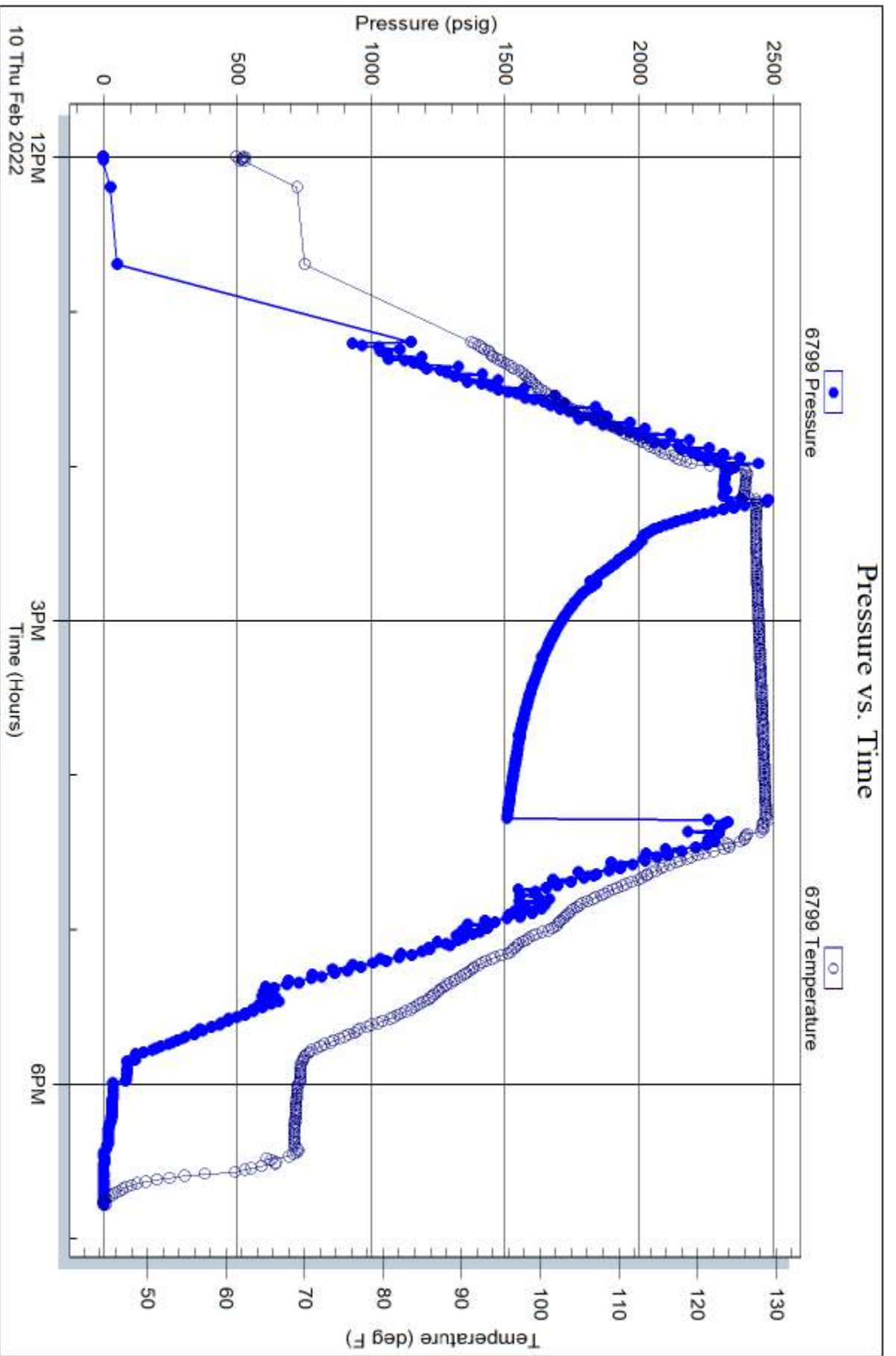


Serial #: 6799

Palomino Petroleum Inc

Durter "W" #2

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 67903

Printed: 2022.02.11 @ 12:30:10



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 67902

Well Name & No. Dumler "W" #2 Test No. 1 Date 2/9/22  
 Company Palomino Petroleum, Inc. Elevation 2593 KB 2586 GL  
 Address 4924 SE 84th St. Newton, Ks. 67114  
 Co. Rep / Geo. Aaron Young Rig Pickrell #10  
 Location: Sec. 34 Twp 16S Rge. 26W Co. Ness State Ks.

Interval Tested 4426 - 4530 Zone Tested Mississippi  
 Anchor Length 104' Drill Pipe Run 4315 Mud Wt. 9.4  
 Top Packer Depth 4421 Drill Collars Run 117 Vis 57  
 Bottom Packer Depth 4426 Wt. Pipe Run 0 WL 5.9  
 Total Depth 4530 Chlorides 1900 ppm System LCM 2<sup>nd</sup>

Blow Description 2<sup>nd</sup> Strong Blow. B.O.B. in 19 mins. Built to 19.45"  
ISI: Weak Blow. Built to 1/8"  
FF: Strong Blow. B.O.B. in 23 mins. Built to 33.89"  
FSI: Weak Blow. Built to 3/4"

Rec	Feet of	%gas	%oil	%water	%mud
209	G.I.P.	100			
106	Clean Oil		100		
126	GOCM	25	50		25
252	GOCM	35	45		20
117	GOCM	45	37		18

Rec Total 601' Fluid BHT \_\_\_\_\_ Gravity 38.4 API RW N/A @ \_\_\_\_\_ °F Chlorides 1900 ppm

(A) Initial Hydrostatic <u>2210</u>	<input checked="" type="checkbox"/> Test 1450	T-On Location <u>0115</u>
(B) First Initial Flow <u>52</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>0709</u>
(C) First Final Flow <u>155</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>0940</u>
(D) Initial Shut-In <u>1119</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>1250</u>
(E) Second Initial Flow <u>167</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>1639</u>
(F) Second Final Flow <u>265</u>	<input checked="" type="checkbox"/> Mileage <u>(282) RATH</u> 100rt 125	Comments _____
(G) Final Shut-In <u>1077</u>	<input type="checkbox"/> Sampler _____	<input type="checkbox"/> EM Tool _____
(H) Final Hydrostatic <u>2213</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Packer _____
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Final Flow <u>60</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Shut-In <u>60</u>	<input type="checkbox"/> Day Standby _____	Total <u>1900</u>
	<input type="checkbox"/> Accessibility _____	MP/DST Disc't <u>Yes</u>
	Sub Total <u>1900</u>	

Approved By \_\_\_\_\_ Our Representative Matthew D. Smith  
 Trilobite Testing Inc. shall not be liable for damaged of any kind of 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 statements or opinion concerning the results 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.



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 67903

Well Name & No. Dumler "W" #2 Test No. 2 Date 2/10/22  
 Company Palommo Petroleum, Inc. Elevation 2593 KB 2586 GL  
 Address 4924 SE 84<sup>th</sup> St. Newton, Ks. 67114  
 Co. Rep / Geo. Aaron Young Rig Pickroll #10  
 Location: Sec. 34 Twp 16s Rge. 2low Co. Ness State KS.

Interval Tested 4529 - 4551 Zone Tested Lower Mississippi  
 Anchor Length 22' Tail 77' Drill Pipe Run 4411 Mud Wt. 9.5  
 Top Packer Depth 4524 Drill Collars Run 117 Vis 52  
 Bottom Packer Depth 4529 Wt. Pipe Run Q WL 5.9  
 Total Depth 4630 Chlorides 1900 ppm System LCM 2"

Blow Description IF: Weak Blow. Built to 2".

ISI: No Blow.

FF: Weak Blow. Built to 2 1/4".

FSI: No Blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>50</u>	<u>G.I.P.</u>	<u>100%</u>			
<u>10</u>	<u>Clean Oil</u>		<u>100%</u>		
<u>60</u>	<u>GUSOWCM</u>	<u>1%</u>	<u>5%</u>	<u>1%</u>	<u>93%</u>

Rec Total 70' Fluid BHT \_\_\_\_\_ Gravity 38 @ 60° API RW N/A @ \_\_\_\_\_ ° F Chlorides 1900 ppm

(A) Initial Hydrostatic	<u>2271</u>
(B) First Initial Flow	<u>35</u>
(C) First Final Flow	<u>39</u>
(D) Initial Shut-In	<u>1163</u>
(E) Second Initial Flow	<u>52</u>
(F) Second Final Flow	<u>52</u>
(G) Final Shut-In	<u>1151</u>
(H) Final Hydrostatic	<u>2252</u>

- Test 1450
- Jars 250
- Safety Joint 75
- Circ Sub \_\_\_\_\_
- Hourly Standby \_\_\_\_\_
- Mileage (282) PRAM 125
- Sampler \_\_\_\_\_
- Straddle 600
- Shale Packer \_\_\_\_\_
- Extra Packer \_\_\_\_\_
- Extra Recorder \_\_\_\_\_
- Day Standby \_\_\_\_\_
- Accessibility \_\_\_\_\_
- Sub Total 2500

T-On Location	<u>1030</u>
T-Started	<u>1159</u>
T-Open	<u>1415</u>
T-Pulled	<u>1625</u>
T-Out	<u>1844</u>

Comments \_\_\_\_\_  
 EM Tool \_\_\_\_\_  
 Ruined Shale Packer \_\_\_\_\_  
 Ruined Packer \_\_\_\_\_  
 Extra Copies \_\_\_\_\_  
 Sub Total 0  
 Total 2500

Initial Open 30  
 Initial Shut-In 30  
 Final Flow 30  
 Final Shut-In 30

Approved By \_\_\_\_\_

Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damaged of any kind of 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 statements or opinion concerning the results 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.