

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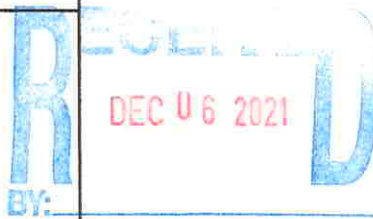
P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



Invoice

DATE	INVOICE #
12/2/2021	34364

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	#1	Goldfinger	Ness	Murfin Rig #21	Oil	Development	5 1/2 Longstring	Gideon
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				20	Miles	6.00	120.00
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				2	Each	275.00	550.00T
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				10	Each	90.00	900.00T
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	100.00
290	D-Air				8	Gallon(s)	42.00	336.00T
581D	Service Charge Cement				225	Sacks	2.00	450.00
582D	Minimum Drayage Charge				1	Each	300.00	300.00
	Subtotal							12,581.00
	Sales Tax Ness County						6.50%	657.22

*(cement for long string for #1
11/30)*

We Appreciate Your Business!

Total

\$13,238.22



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

TICKET **34364**
 PAGE 1 OF 2

1. SERVICE LOCATIONS <u>Ness City, KS</u>	WELL/PROJECT NO. <u>#1</u>	LEASE <u>Goldfinger</u>	COUNTY/PARISH <u>Ness</u>	STATE <u>KS</u>	CITY
2. TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>Martin</u>	RIG NAME/NO. <u>#21</u>	SHIPPED VIA <u>CR</u>	DELIVERED TO <u>LOCAMEN</u>	DATE <u>12-2-2021</u>
3. WELL TYPE <u>Oil</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>Long String</u>	WELL PERMIT NO.	WELL LOCATION <u>Ness City, 10th-12</u>	ORDER NO.
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS		OWNER		

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF		UM	UM			
575					MILEAGE Truck #114			20 mi	6.00	120.00
578					Ramp Charge - Long String			1 job	1,500.00	1,500.00
404					Per Collar			1 EA	2,000.00	2,000.00
403					Cement Baskets			2 EA	275.00	550.00
406					Lunch Dinner Plug + Baffle			1 EA	250.00	250.00
407					Insert Elevator Shoe w/ Aute Oil			1 EA	325.00	325.00
409					Turbo-lasers			10 EA	90.00	900.00

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

DATE SIGNED 12-2-2021 TIME SIGNED 12:00 A.M. P.M.

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

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	AGREE	UNDECIDED	DISAGREE
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAYS?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			

ARE YOU SATISFIED WITH OUR SERVICE? YES NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL 2 TOTAL 13,388.00

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR Anderson Fench APPROVAL

Thank You!



PO Box 466
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 34364

CUSTOMER Palomares Petroleum

WELL Caddo #1

DATE 12-2-2007

PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL				UNIT PRICE	AMOUNT	
		LOC	ACCT	DF			QTY	U/M	QTY	U/M			
325						Shovelhead Cement					100	14.60	
284						Cal Seal					5	40.00	200.00
283						Salt					500	18.50	9250.00
285						CFR-1					500	25.00	12500.00
276						Flecke					75	3.00	225.00
330						SMD Cement					125	18.00	2250.00
281						Mud Flush					500	1.50	750.00
281						Logand HCL					4	25.00	100.00
290						D-Air					8	40.00	320.00
581						SERVICE CHARGE					2	200.00	400.00
582						MILEAGE CHARGE					300	1.00	300.00

CONTINUATION TOTAL 6436.00

JOB LOG

SWIFT Services, Inc.

DATE 12-2-2021 PAGE NO. 1

CUSTOMER Palomino Petroleum WELL NO. #1 LEASE Gold Finger JOB TYPE Long String TICKET NO. 34364

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0700							ON Location 5 1/2" 14 1/2" 14 1/2" RTD: 4520' LTD: 4496 TP: 4495' SS: 4247 PC: #66 1710' Basket: #16, #65 Turbo: #7-9, #67
	0700 0915							START 5 1/2 14 1/2" Csg in Well Drop Ball - Circulate
	1015	4	12		✓	250		Pump 500 gal Mud Flush
		4	20		✓	250		Pump 20 KCL SPACER
	1025	1 1/2	10.7				75	Plug RH, MH [30, 20']
	1040	3 1/2	28		✓	150		Mix 75 sks of SMD @ 12.5 ppg
		3 1/2	24		✓	150		Mix 100 sks of EA-2 @ 15.36 ppg
	1100							Wash Pump & Lines Release Latch down Plug
	1105	6 1/2	0		✓	200		Begin Displacement
		6 1/2	80		✓	250		lift PSI
		6 1/2	107		✓	800		MAX lift PSI
	1125	5 1/2	108.7		✓	1800		LAND LATCH DOWN PLUG
	1130							Wash up Truck #114
	1200							Job Complete
								125 sks SMD used [30 RH, 20 MH] 100 sks EA-2 used
								THANKS! Nuclear, Kuzly, Isaac



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: 12/14/2021
 Invoice #: 0357799
 Lease Name: Goldfinger
 Well #: 1 (New)
 County: Ness, Ks
 Job Number: WP2218
 District: Oakley

Date/Description	HRS/QTY	Rate	Total
Port Collar	0.000	0.000	0.00
Depth Charge 1001'-2000'	1.000	1,350.000	1,350.00
Heavy Eq Mileage	90.000	3.600	324.00
Light Eq Mileage	90.000	1.800	162.00
Ton Mileage	677.000	1.350	913.95
H-CON	160.000	18.900	3,024.00
Cement Data Acquisition	1.000	225.000	225.00
5 1/2" Shifting Tool	1.000	450.000	450.00

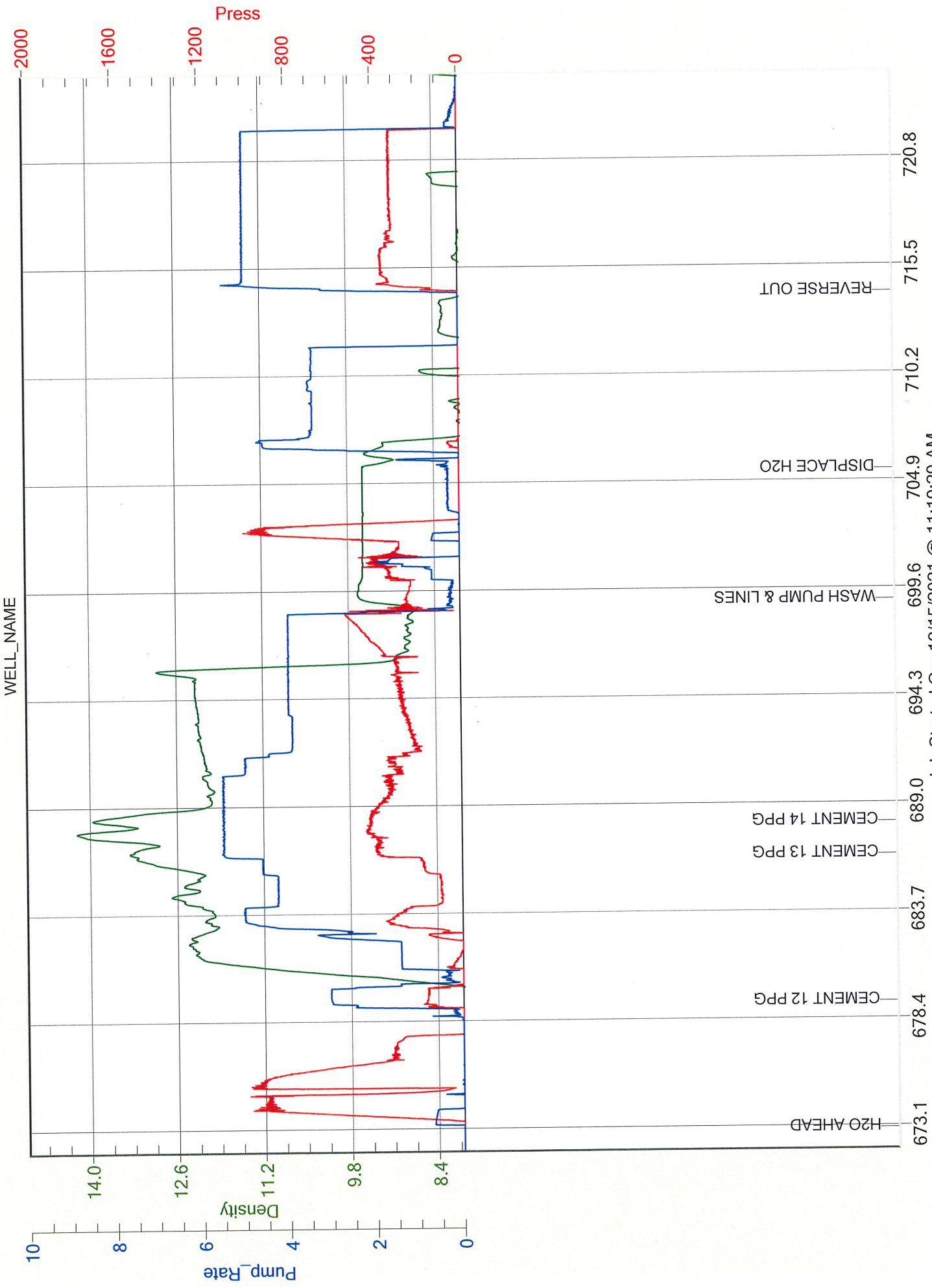
Total 6,448.95

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!

Palomino



Job Started On: 12/15/2021 @ 11:19:29 AM

LITHOLOGY STRIP LOG

WellSight Systems

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

Well Name: Goldfinger #1
API: 15-135-26133
Location: SE NE NW SE Sec.32-T18S-R25W, Ness Co., KS
License Number: _____ Region: Wildcat
Spud Date: 11/26/21 Drilling Completed: 12/1/21
Surface Coordinates: 2003'FSL 1501'FEL
Latitude 38.4413738/ Longitude -100.1055305
Bottom Hole
Coordinates:
Ground Elevation (ft): 2400 K.B. Elevation (ft): 2411
Logged Interval (ft): 3600 To: 4500 Total Depth (ft): 4500
Formation: Lansing, Marmaton, Miss
Type of Drilling Fluid: Chemical

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 67114-8827
316-799-1000

GEOLOGIST

Name: Randy Say
Company: RSay Enterprises
Address: 13524 W. 67th Way
Arvada, CO 80004
303-940-8751

Casing/ Data

Surface Casing 8.625" set at 225
Production Casing 5.50" set at 4495; 106 jts new Midwest MW55 5.50" 8rd, 14#, R-3 LTC casing set 1' off bottom at 4495.

DSTs

DST No.1 4340-4385(45) Miss Conventional Test Successful

IF: 30 min; Surface blow to 11.25"

ISl: 30 min; No Return

FF: 30 min; BOB in 30 min

FSI: 30 min; surface blow to 0.5"

REC: 330' total recovery; 270' GMO [10% G/40% Mud/50% O]; 60' GO [10% G/90% O]; 180' GIP

BHT 124F ; 36 Gravity

IHP 2290 ; IFP 25-119 ; ISIP 1246 ; FFP 126-149 ; FSIP 1216 ; FHP 2231

DST No.2 4384-4395(11) Miss Conventional Test Successful

IF: 10 min; BOB in 1 min, Built to 90"

ISl: 30 min; Surface blow building to 5"

FF: 10 min; BOB in 2 min, Built to 45"

FSI: 30 min; Surface blow built to 1.5"

REC: 1290' total recovery; 30' GHOCM [20% G/20% O/60% M];

1260 GO [25% G/75% O]; 750' GIP 100% G

BHT 132F ; 36 Gravity

IHP 2259 ; IFP 329-362 ; ISIP 957 ; FFP 407-477 ; FSIP 871 ; FHP 2158

DST No.3 4389-4420(26) Miss Straddle Test Successful

IF: 15 min; BOB in 2 min, Built to 62"

ISl: 30 min; No return

FF: 15 min; BOB in 3 min, Built to 42"

FSI: 30 min; No return

REC: 1270' total recovery; 1090' Water; 180' MW [50% M/50%W]

Rw=0.422 @ 46F; CL= 25,000ppm; BHT 132F

IHP 2314 ; IFP 181-393 ; ISIP 1075 ; FFP 426-574 ; FSIP 989 ; FHP 2243


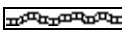
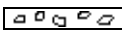
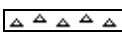
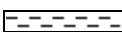
Logging Program






Logging Company Gemini Wireline LLC, Wichita, KS



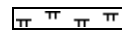
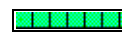
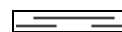
Engineer: Casey Patterson

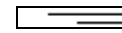
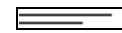



Logs	Interval
DIL	3600-4494
Litho Density Neutron	3600-4474
Micro Resistivity	3600-4494
Borehole Volume	290-4494

ROCK TYPES

	Anhy
	Bent
	Brec
	Cht
	Clyst

	Coal
	Congl
	Dol
	Gyp
	Igne

	Lmst
	Meta
	Mrlst
	Salt
	Shale

	Shcol
	Shgy
	Sltst
	Ss
	Till

ACCESSORIES

FOSSIL

- Algae
- Amph
- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral
- Crin
- Echin
- Fish
- Foram
- Fossil
- Gastro
- Oolite
- Ostra
- Pelec
- Pellet
- Pisolite

-
-

Plant
Strom

MINERAL

- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Breclst
- Calc
- Carb
- Chtdk
- Chtlt
- Dol
- Feldspar
- Ferrpel
- Ferr
- Glau
- Gyp

- Hvymin
- Kaol
- Marl
- Minxl
- Nodule
- Phos
- Pyr
- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff

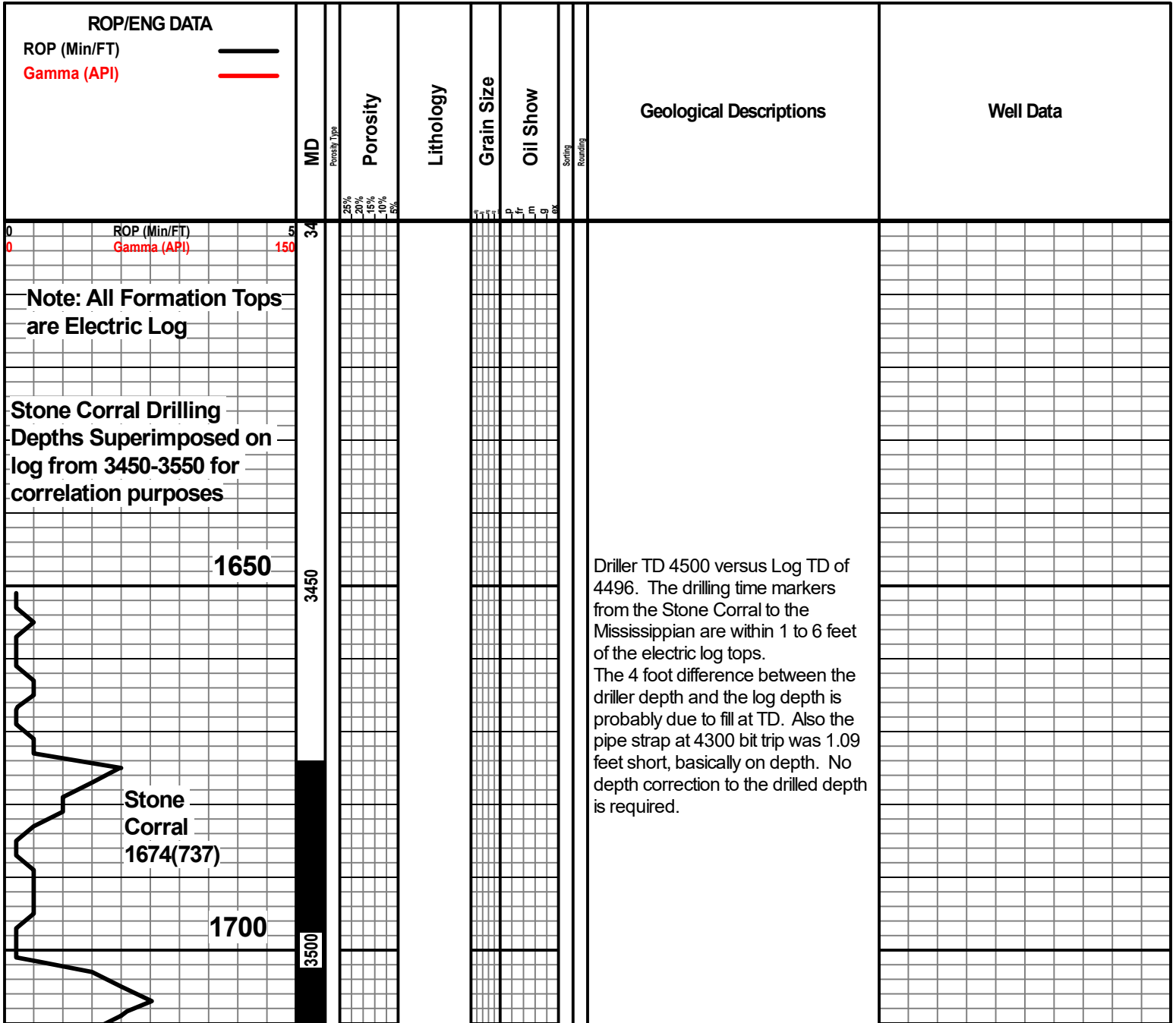
STRINGER

- Anhy
- Arg
- Bent
- Coal
- Dol

- Gyp
- Ls
- Mrst
- Sltstrg
- Ssstrg

TEXTURE

- Boundst
- Chalky
- Cryxln
- Earthy
- Finexln
- Grainst
- Lithogr
- Microxln
- Mudst
- Packst
- Wackest



Stone
Corral(Base)
1715(696)

1750

3550

NB2 7.825" STC
MSi516 in @ 225

ROP (Min/FT)
Gamma (API)

11/28/21

3600

3650

WOB 12/14
RPM 100
PP 600
SPM 60

3700

Heebner Shale
3722(-1311)

10 foot samples begin at
3600 caught by crews,
lagged by wellsite
geologist

LS tan xfxl fri slty sl fos nsfoc

SH dkgy-mgy sft plty

LS tan-gy litho fri slty slgran arg
por-p nsfoc

LS ltgy-wh litho fri vchky tr fos por-p
nsfoc

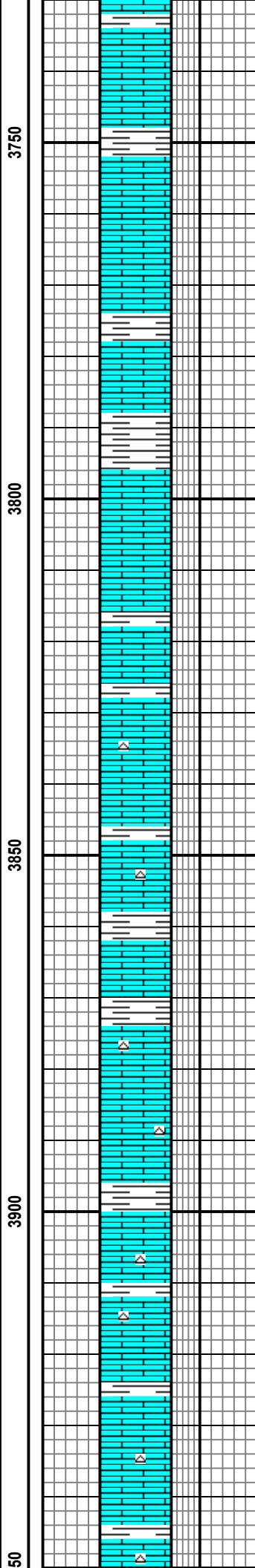
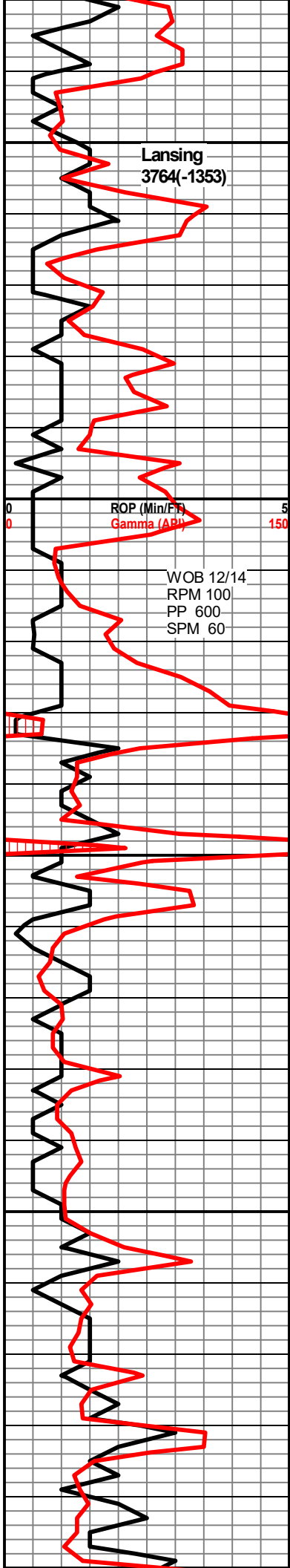
SH mgy sft plty

LS aa occ sft chky nsfoc

LS ltgy xfxl-litho fri vchky sft por-p-tt
nsfoc

LS aa occ chky & gummy w/intbd
SH mgy LS por p nsfoc

W 8.7
V 60
WL 5.4
pH 11.5
cK 1
CL 4800
Ca Nil
LCM 3#/BBL



SH m-ltgy firm pty arg

SH aa

LS mot gyh-wh sft-fri occ chky por-tt nsfoc

SH mgy pty firm slcalc

LS aa

SH m-occ dkgy sft blk carb w/in LS aa

LS mot wh-crm fri chky occ tr fos w/calc por-p nsfoc

SH aa

LS mot gy-wh xfxl-litho fri occ sdy w/tr cht wh hd por-p-tt nsfoc

incr tr cht wh ang

SH m-dkgy sft pty carb

LS wh-incr gy xfxl firm-fri chky occ slty tr fos & cht por-p nsfoc

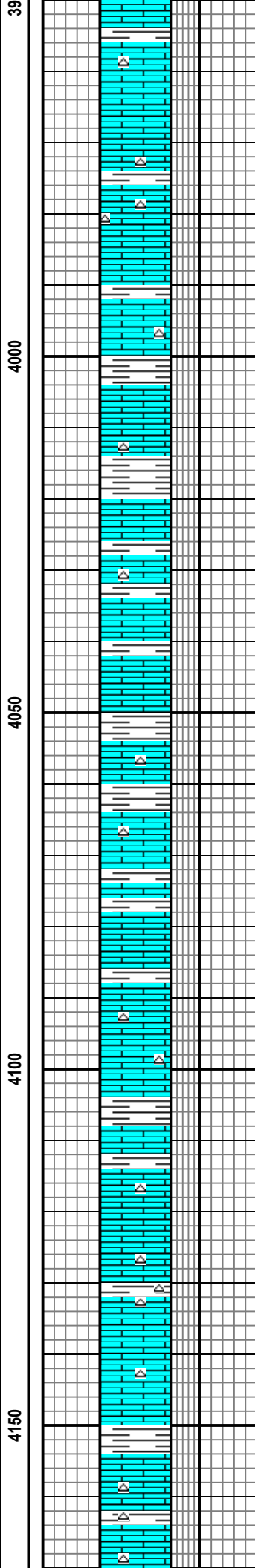
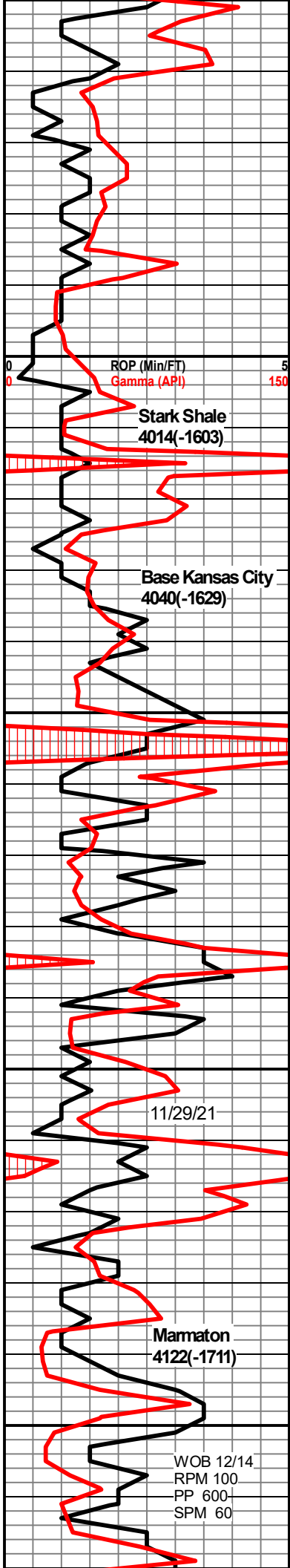
SH mgy-gybrn sft blk vcarb

tr cht mlky-wh ang

LS wh-crm xfxl-litho fri slty occ tr fos w/tr cht por-tt nsfoc

LS crm-ltgy xfxl firm slty occ cht & tr fos por-p-tt nsfoc

SH strgs mgy-sft blk carb



LS wh-ltgy xfxl-gran fri-firm tr cht occ
fos por-tt nsfoc

SH dkgy-gybrn sft blkly carb

LS tan-ltgy xfxl incr chty w/sh strgs
por-p nsfoc

LS ltgy-crm xfxl-gran fri slty slfos occ
cht por-p nsfoc

SH aa

tr cht

LS aa w/incr in cht & occ pyr slfos
w/calc infill por-p nsfoc

SH bk-gybrn sft-firm blkly vcarb

LS crm-ltgy fir-fri suc slpyr & tr cht
w/sh strgs; por-p-tt nsfoc

SH strgs dkgy-gybrn frim blkly vcarb

LS ltgy-wh xfxl fri occ suc chty
w/intbd sh strgs por-p nsfoc

SH aa occ dkgy sft blkly

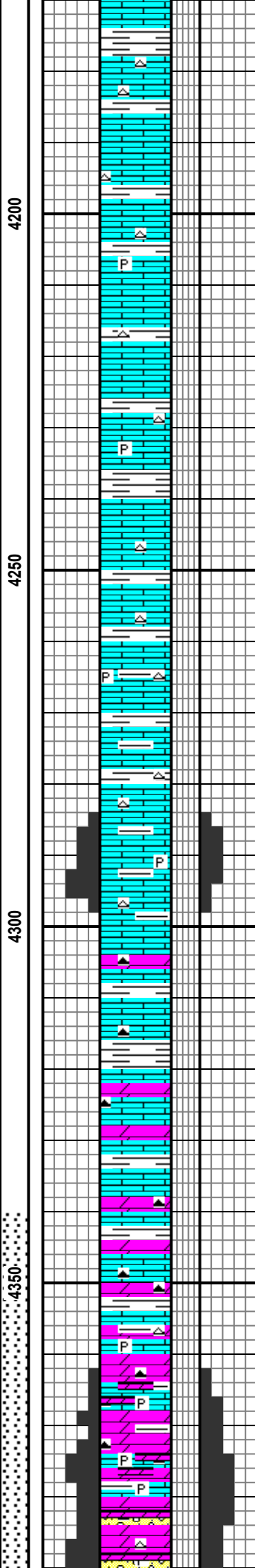
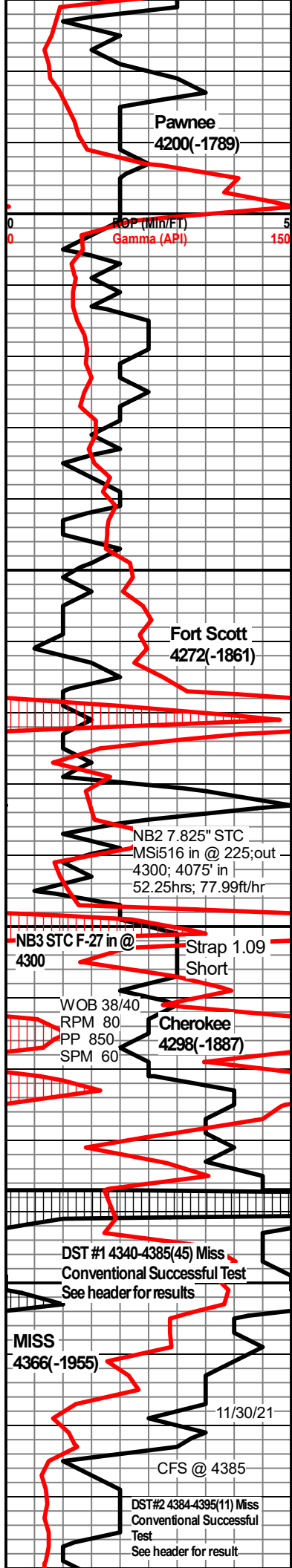
tr cht vltgy-wh ang

LS aa occ pyr por-tt nsfoc

LS aa incr suc gran fri fos calc infill
sichty por-p-nsfoc

SH dk-mgy sft plty carb

LS ltgy-crm litho-xfxl firm slpyr occ
cht w/tr fos por-p-tt nsfoc



SH dkgy blkly carb slcal

LS mot tan-mgy xfl xfl firm-fri occ chky tr cht & vf pyr por-p nsfoc

SH aa

LS mgy-tan xfl-gran fri suc to calc infill firm incr poyr por-p nsfoc

tr cht wh vang

LS mot gy-tan-wh litho firm occ calc infill & fos slpyr tr cht por-p-occ fr nsfoc

tr cht & pyr

SH m-dkgy plty vcarb

LS ltgy-xfl firm fos calc infill w/abnt pyr tr cht por-tt nsfoc w/intnd SH strgs

SH m-dkgy firm blkly vcarb

Show No.1 4284-4296(12)

LS tan-ltgy xfl-gran vfri-firm slfos occ chky slpyr; oilstn-none; flor-10% myel; cut-10% slow mlky cut, incr when crushed to myel strm; res-mlky flor res, no oilstn in dish

LS aa incr por-p-tt nsfoc w/occ thin dolo strgs & dkgy sh strgs w/tr pyr

SH bk-dkgy firm blkly vcarb slcal intbd SH w/in LS aa occ dolo strgs; por-tt nsfoc

LS crm-wh fri vchky & gran incr vfpyr w/incr in tan dolo strgs & dkgy sh strgs; por-p; nsfoc

DOL tan-ltgy xfl-gran suc firm arg mtrx w/sh dkgy cht tr pyr; por-p-tt nsfoc

DOL & LS intbd w/thin bk sh; DOL xfl-gran por-p nsfoc

Show No.2 4362-4385(23)
Miss Zone 4374-4385(11)

DOL tan-mgy-wh gran-fxl fri-firm suc text occ vug text, arg mtrx; LS decr & vthin sh strgs; transition zone 4360-4374 por-p-fr w/shows 20%
Main Zone 4374-4385(11)
DOL aa incr suc & vug; por-fr-g(suc & vug dolo por; oilstn-tan scat oilstn on suc/vug dolo; 10% vis tan oil in vug por; mod oil odor in smpls; flor-40% myel; cut-40% slow to immed strm myel, incr to immed dkyl strm when ctgs are crushed; res-mlkv flor res in dish w/lttan

W 9.3
V 59
WL 5.4
pH 11.0
cK 1
CL 4400
Ca Tr
LCM 2#/BBL

Slight Oil Odor in sample 4360-70

Moderate Oil Odor in Sample 4370-4385

4385-4395 Sample Description
Mod Oil Odor in sample
DOL tan-bm-crm fxl-gran & vug; fri-hd incr in fos & pyr; occ cong w/qtz grs scat & cht; por-fr-a(vug/suc aran)-fxl & tt; oilstn-live bm

rrNB3 STC F-27

DST#3 4394-4420(26)

ROP (Min) Miss Straddle
Gamma Successful Test
See header for result

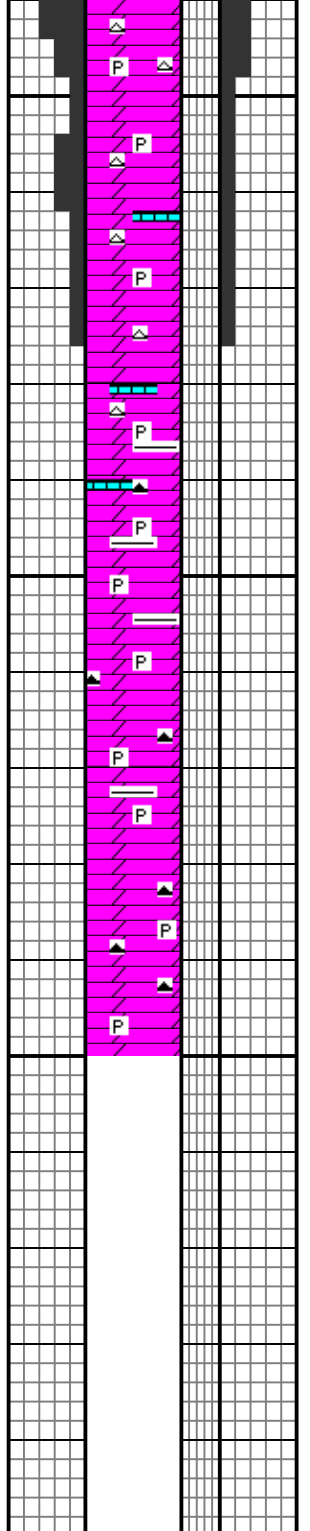
WOB 38/40
RPM 80
PP 850
SPM 60

NB3 STC F-27 in @
4300; 205' in 8.25hrs
hrs/ 24.85 ft/hr

12/1/21

Total Depth(Driller) 4500(-2089)
Total Depth ELog 4496(-2085)

4400
4450
4500
50



oil ring in dish

DOL mot tan-mgy-wh gran-xfxl fri-firm occ
hd & xfxl; arg mtrx; suc & vug text; thin
intbd LS & SH mgy strgs;tr fos; tr pyr &
cht; por-fr-g(suc & vug); oilstn-tr tan scat
oilstn in suc/vug dol; flor-20% myel;
cut-20% mlky strm incr to immed myel
strm when suc/vug dol ctgs crushed; res-
flor res in dish

DOL tan-brn xfxl-gran & suc decr
vug; arg/chky mtrx, incr cht & pyr;
thin strgs mgy LS & tr mgy sft sh
strgs;por-fr-occ g(suc/vug dol);
oilstn-none; nsfoc

DOL mot tan-brn-wh xfxl-gran &
occ suc w/arg /chky mtrx; tr thin mgy
sh strgs; arg mtrx w/calc infill;
por-p-occ fr(suc); oilstn none; nsfoc

tr cht & pyr incr
DOL tan-crm-brn xfxl-occ suc firm-fri
occ hd dns(xfxl); pyr & cht; thin mgy
sh strgs; por-p-fr; oilstn-none; nsfoc

DOL crm-ltgy xfxl-suc text; firm-hd
pyr vf dissem tr cht; chky mtrx;
por-p-tt; nsfoc

oil in vugs w/odor; flor-40% myel; cut-40%
immed strm myel in live oil ctgs, strm cruch
cut on gran dol; res-vis ltan oil ring in dish

Mod Oil Odor in sample

Slight Oil Odor in sample

W 9.3
V 51
WL 5.8
pH 11.0
cK 1
CL 4900
Ca Tr
LCM 2#BBL



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84th St
Newton KS 67114+8827

ATTN: Randy Say

Goldfinger #1

32-18s-25w Ness,KS

Start Date: 2021.11.30 @ 00:52:00

End Date: 2021.11.30 @ 07:37:07

Job Ticket #: 68325 DST #: 1

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

Printed: 2021.12.02 @ 09:27:10



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum Inc
4924 SE 84th St
New ton KS 67114+8827
ATTN: Randy Say

32-18s-25w Ness,KS

Goldfinger #1

Job Ticket: 68325

DST#: 1

Test Start: 2021.11.30 @ 00:52:00

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:53:32
 Time Test Ended: 07:37:07
 Interval: **4340.00 ft (KB) To 4385.00 ft (KB) (TVD)**
 Total Depth: 4385.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Spencer J Staab
 Unit No: 84
 Reference Elevations: 2411.00 ft (KB)
 2400.00 ft (CF)
 KB to GR/CF: 11.00 ft

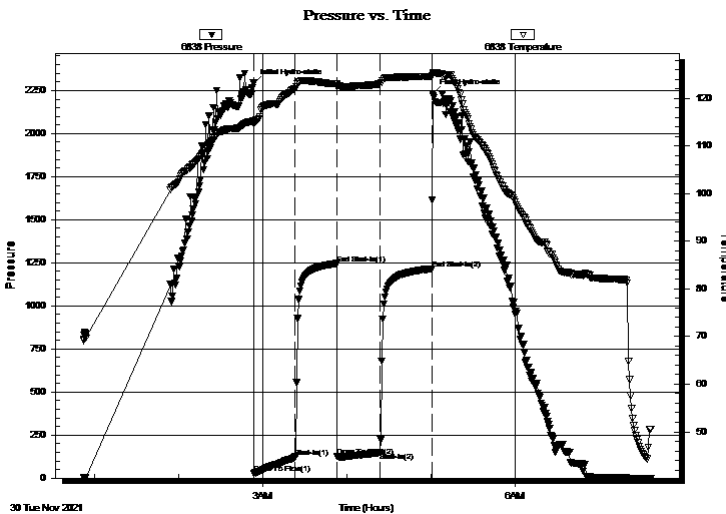
Serial #: 6838

Inside

Press@RunDepth: 149.48 psig @ 4344.00 ft (KB) Capacity: psig
 Start Date: 2021.11.30 End Date: 2021.11.30 Last Calib.: 2021.11.30
 Start Time: 00:52:01 End Time: 07:37:07 Time On Btm: 2021.11.30 @ 02:53:22
 Time Off Btm: 2021.11.30 @ 05:01:26

TEST COMMENT: 30-IF-Surface to 11.25"
 30-ISI-No Return
 30-FF-BOB 30 mins
 30-FSI-Surface to 1/2"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2290.27	115.35	Initial Hydro-static
1	25.28	114.64	Open To Flow (1)
30	119.44	122.04	Shut-In(1)
60	1246.15	122.95	End Shut-In(1)
60	126.00	122.51	Open To Flow (2)
91	149.48	123.02	Shut-In(2)
127	1215.57	124.63	End Shut-In(2)
129	2230.67	125.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
270.00	GMO 10%G 40%M 50%O	1.62
60.00	GO 10%G 90%O	0.85
0.00	180' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Inc
4924 SE 84th St
New ton KS 67114+8827
ATTN: Randy Say

32-18s-25w Ness,KS
Goldfinger #1
Job Ticket: 68325 **DST#: 1**
Test Start: 2021.11.30 @ 00:52:00

Tool Information

Drill Pipe:	Length: 4091.00 ft	Diameter: 3.82 inches	Volume: 57.99 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.75 inches	Volume: - bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 238.00 ft	Diameter: 2.25 inches	Volume: 1.17 bbl	Weight to Pull Loose:	61000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased	ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial	57000.00 lb
Depth to Top Packer:	4340.00 ft			Final	58000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	45.00 ft				
Tool Length:	74.00 ft				
Number of Packers:	1	Diameter: 6.75 inches			
Tool Comments:					

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4312.00	
Change Over Sub	1.00			4313.00	
Shut In Tool	5.00			4318.00	
Hydraulic tool	5.00		Fluid	4323.00	
Jars	5.00			4328.00	
Safety Joint	3.00			4331.00	
Packer	5.00			4336.00	29.00 Bottom Of Top Packer
Packer	4.00			4340.00	
Stubb	1.00			4341.00	
Perforations	2.00			4343.00	
Change Over Sub	1.00			4344.00	
Recorder	0.00	6838	Inside	4344.00	
Recorder	0.00	8875	Inside	4344.00	
Drill Pipe	32.00			4376.00	
Change Over Sub	1.00			4377.00	
Perforations	5.00			4382.00	
Bullnose	3.00			4385.00	45.00 Bottom Packers & Anchor
Total Tool Length:	74.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc
4924 SE 84th St
New ton KS 67114+8827
ATTN: Randy Say

32-18s-25w Ness,KS
Goldfinger #1
Job Ticket: 68325 **DST#: 1**
Test Start: 2021.11.30 @ 00:52:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 36 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 59.00 sec/qt	Cushion Volume: bbl	
Water Loss: 5.39 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 4400.00 ppm		
Filter Cake: inches		

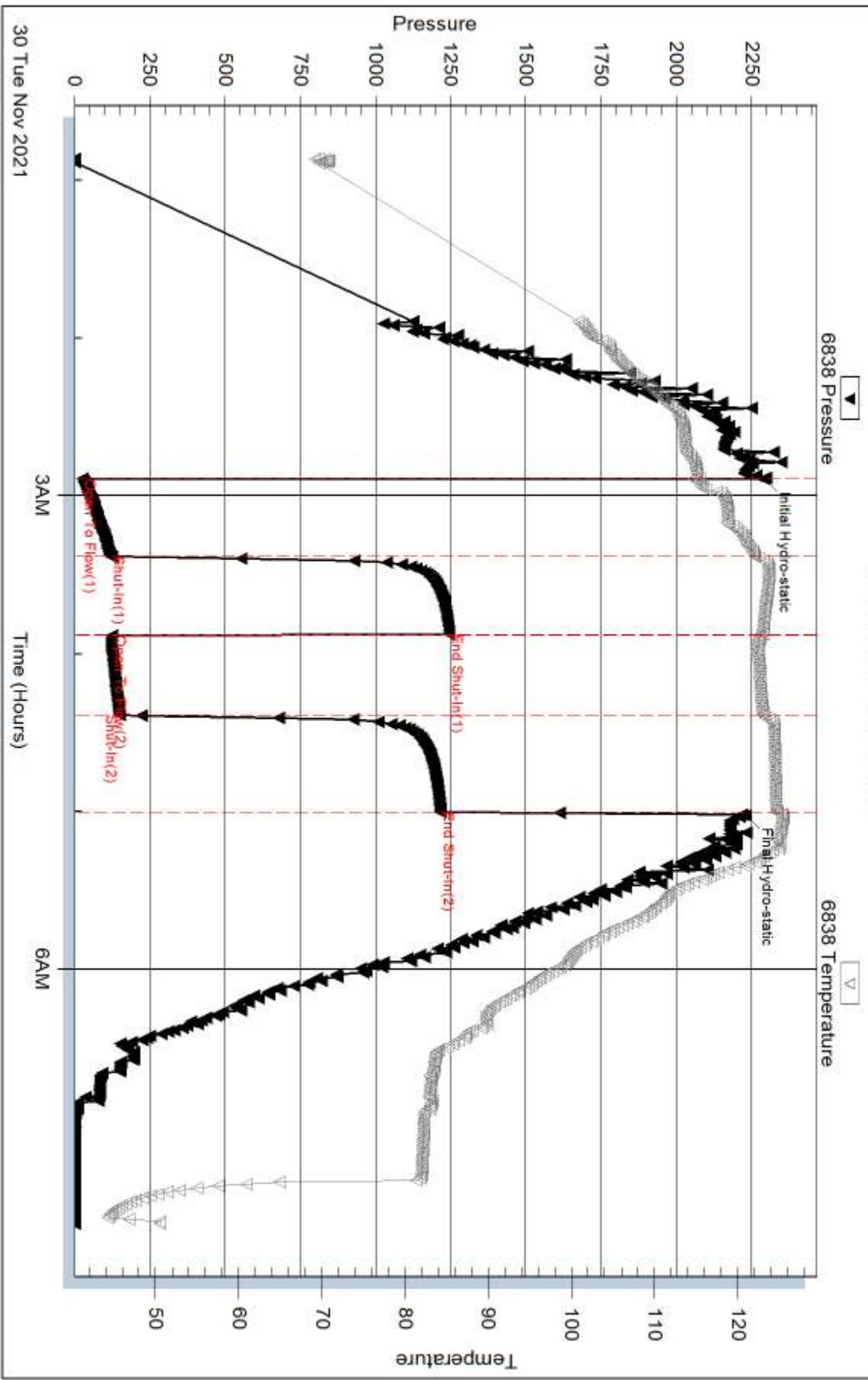
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
270.00	GMO 10%G 40%M 50%O	1.624
60.00	GO 10%G 90%O	0.851
0.00	180' GIP	0.000

Total Length: 330.00 ft Total Volume: 2.475 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: 2#LCM

Pressure vs. Time



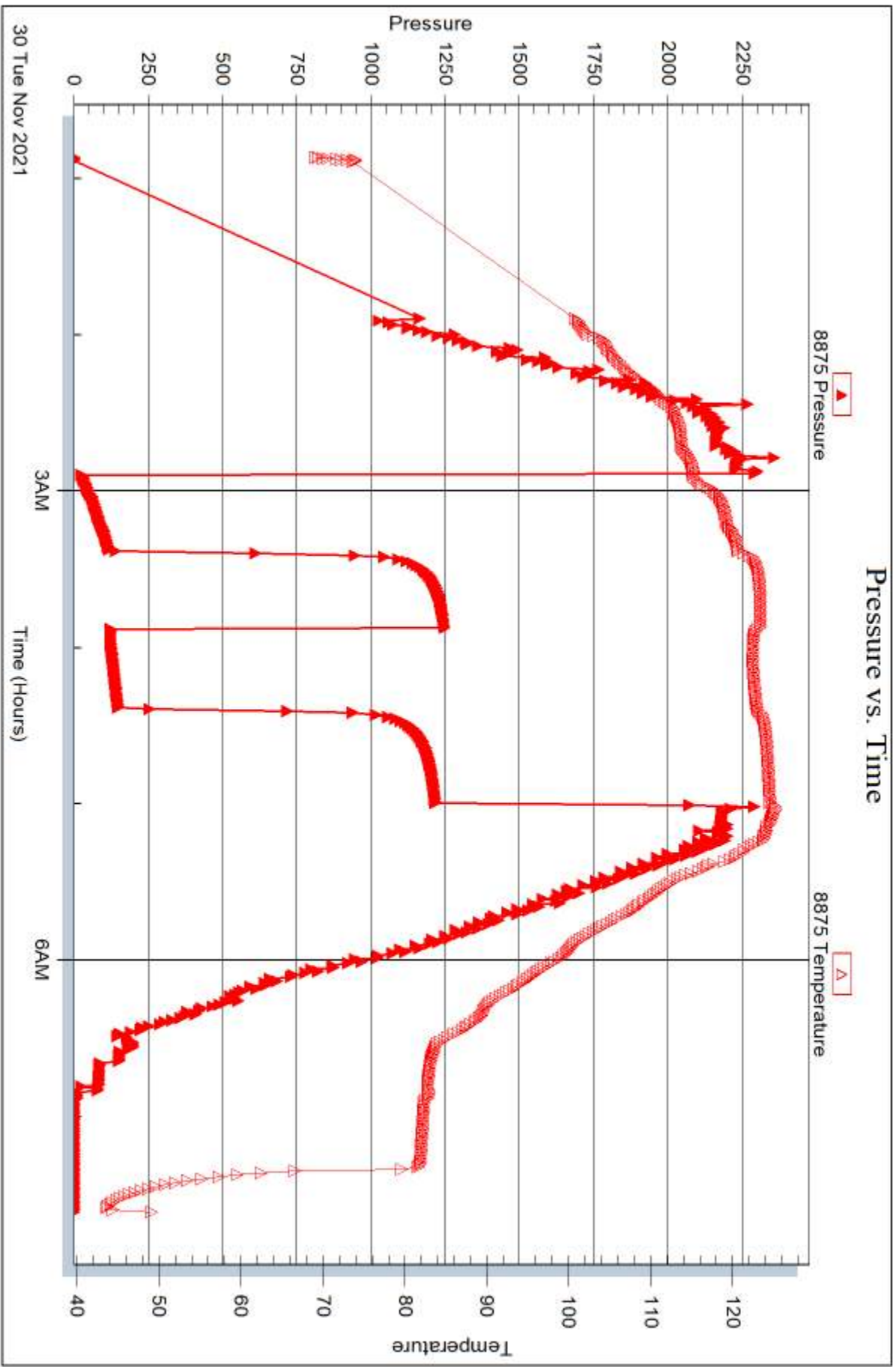
Serial #: 8875

Inside

Palomino Petroleum Inc

Goldfinger #1

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 68325

Printed: 2021.12.02 @ 09:27:11



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84th St
Newton KS 67114+8827

ATTN: Randy Say

Goldfinger #1

32-18s-25w Ness,KS

Start Date: 2021.11.30 @ 13:35:00

End Date: 2021.11.30 @ 20:05:32

Job Ticket #: 67851 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2021.12.02 @ 09:26:42



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum Inc
4924 SE 84th St
New ton KS 67114+8827
ATTN: Randy Say

32-18s-25w Ness,KS

Goldfinger #1

Job Ticket: 67851

DST#: 2

Test Start: 2021.11.30 @ 13:35:00

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 15:49:27
 Time Test Ended: 20:05:32
 Interval: **4384.00 ft (KB) To 4395.00 ft (KB) (TVD)**
 Total Depth: 4395.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Spencer J Staab
 Unit No: 84
 Reference Elevations: 2411.00 ft (KB)
 2400.00 ft (CF)
 KB to GR/CF: 11.00 ft

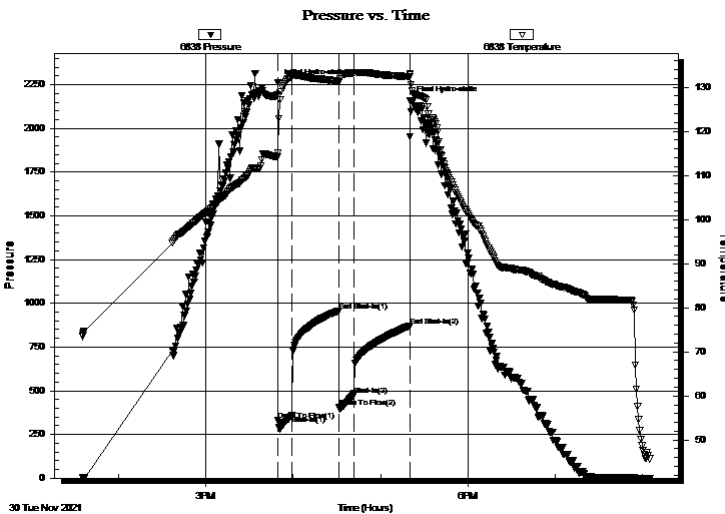
Serial #: 6838

Inside

Press@RunDepth: 476.52 psig @ 4387.00 ft (KB) Capacity: psig
 Start Date: 2021.11.30 End Date: 2021.11.30 Last Calib.: 2021.11.30
 Start Time: 13:35:01 End Time: 20:05:32 Time On Btm: 2021.11.30 @ 15:49:12
 Time Off Btm: 2021.11.30 @ 17:20:17

TEST COMMENT: 10-IF-BOB 1 min Built to 90"
 30-ISI-Surface to 5"
 10-FF-BOB 2 mins Built to 45"
 30-FSI-Surface to 1.5"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2258.85	114.25	Initial Hydro-static
1	329.44	115.03	Open To Flow (1)
11	361.57	132.45	Shut-In(1)
42	957.36	131.28	End Shut-In(1)
43	407.11	131.07	Open To Flow (2)
53	476.52	133.26	Shut-In(2)
91	870.84	132.43	End Shut-In(2)
92	2157.73	132.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	GHOCM 20%G 20%O 60%M	0.15
1260.00	GO 25%G 75%O	15.94
0.00	750 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
4924 SE 84th St
New ton KS 67114+8827
ATTN: Randy Say

32-18s-25w Ness,KS
Goldfinger #1
Job Ticket: 67851 **DST#: 2**
Test Start: 2021.11.30 @ 13:35:00

Tool Information

Drill Pipe:	Length: 4151.00 ft	Diameter: 3.82 inches	Volume: 58.84 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.75 inches	Volume: - bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 238.00 ft	Diameter: 2.25 inches	Volume: 1.17 bbl	Weight to Pull Loose:	72000.00 lb
			<u>Total Volume:</u>	Tool Chased	ft
			- bbl	String Weight: Initial	60000.00 lb
Drill Pipe Above KB:	34.00 ft			Final	64000.00 lb
Depth to Top Packer:	4384.00 ft				
Depth to Bottom Packer:	ft				
Interval between Packers:	11.00 ft				
Tool Length:	40.00 ft				
Number of Packers:	1	Diameter:	6.75 inches		
Tool Comments:					

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4356.00	
Change Over Sub	1.00			4357.00	
Shut In Tool	5.00			4362.00	
Hydraulic tool	5.00		Fluid	4367.00	
Jars	5.00			4372.00	
Safety Joint	3.00			4375.00	
Packer	5.00			4380.00	29.00 Bottom Of Top Packer
Packer	4.00			4384.00	
Stubb	1.00			4385.00	
Perforations	2.00			4387.00	
Recorder	0.00	6838	Inside	4387.00	
Recorder	0.00	8875	Outside	4387.00	
Perforations	5.00			4392.00	
Bullnose	3.00			4395.00	11.00 Bottom Packers & Anchor

Total Tool Length: 40.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc
4924 SE 84th St
New ton KS 67114+8827
ATTN: Randy Say

32-18s-25w Ness,KS
Goldfinger #1
Job Ticket: 67851 **DST#: 2**
Test Start: 2021.11.30 @ 13:35:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 36 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl	
Water Loss: 5.79 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 4900.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	GHOCM 20%G 20%O 60%M	0.148
1260.00	GO 25%G 75%O	15.935
0.00	750 GIP 100%G	0.000

Total Length: 1290.00 ft Total Volume: 16.083 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: 2#LCM

Serial #: 6838

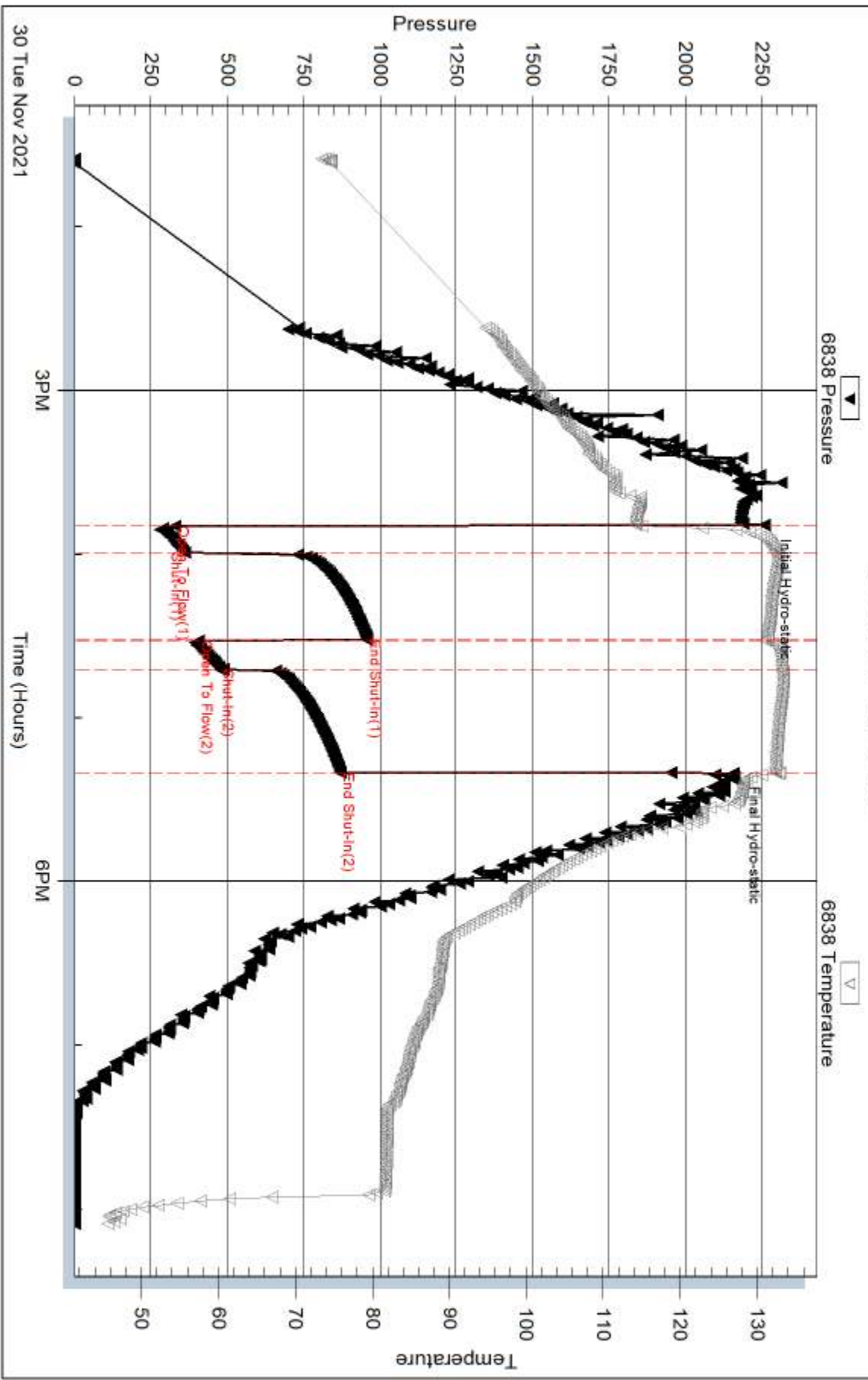
Inside

Palomino Petroleum Inc

Goldfinger #1

DST Test Number: 2

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 67851

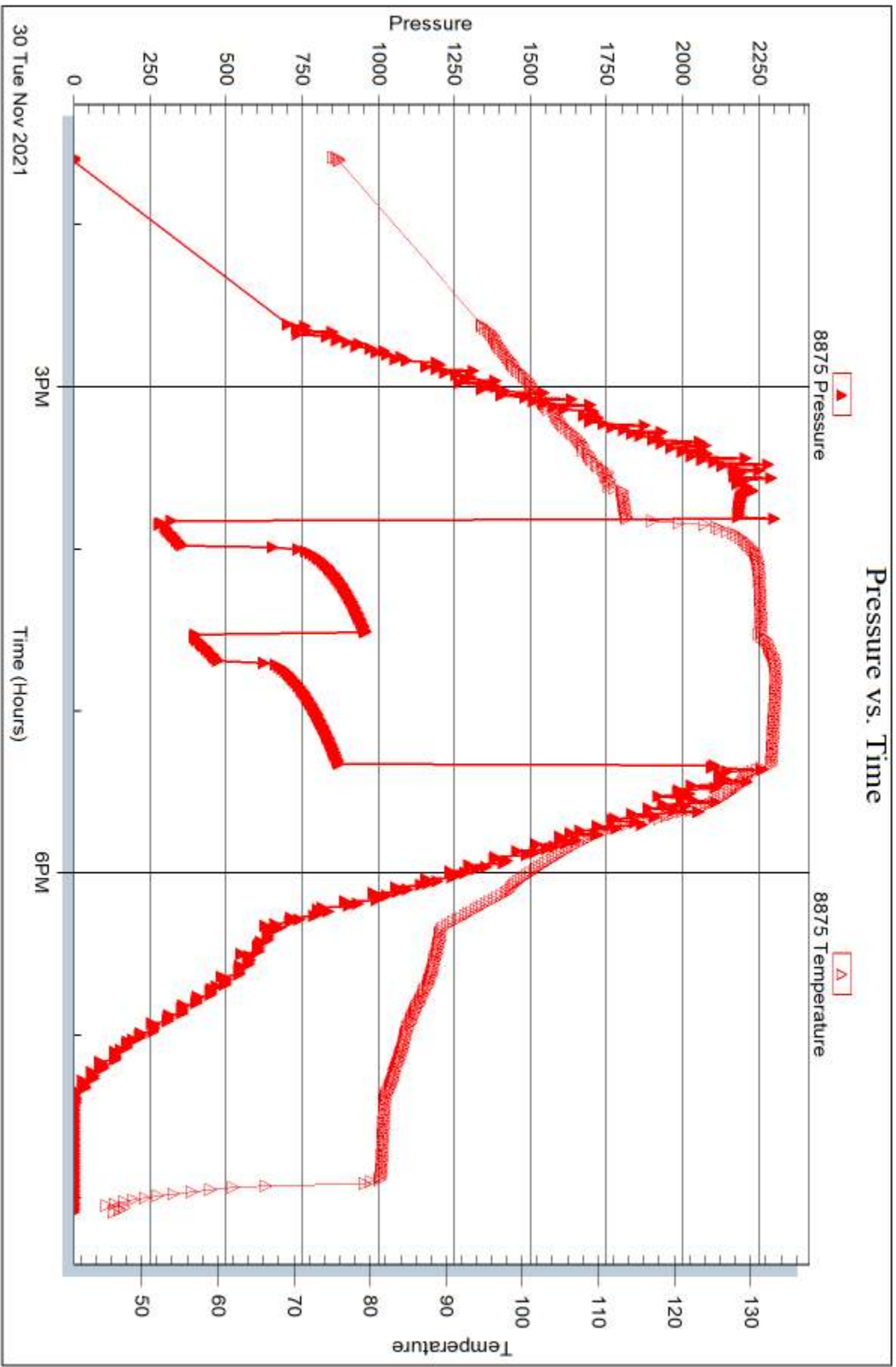
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Serial #: 8875

Outside Palomino Petroleum Inc

Goldfinger #1

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 67851

Printed: 2021.12.02 @ 09:26:42



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84th St
Newton KS 67114+8827

ATTN: Randy Say

Goldfinger #1

32-18s-25w Ness,KS

Start Date: 2021.12.01 @ 13:18:00

End Date: 2021.12.01 @ 19:35:12

Job Ticket #: 67852 DST #: 3

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

Printed: 2021.12.02 @ 09:19:53



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Palomino Petroleum Inc
 4924 SE 84th St
 New ton KS 67114+8827
 ATTN: Randy Say

32-18s-25w Ness,KS

Goldfinger #1

Job Ticket: 67852

DST#: 3

Test Start: 2021.12.01 @ 13:18:00

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 15:22:02
 Time Test Ended: 19:35:12
 Interval: **4394.00 ft (KB) To 4420.00 ft (KB) (TVD)**
 Total Depth: 4496.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Spencer J Staab
 Unit No: 84
 Reference Elevations: 2411.00 ft (KB)
 2400.00 ft (CF)
 KB to GR/CF: 11.00 ft

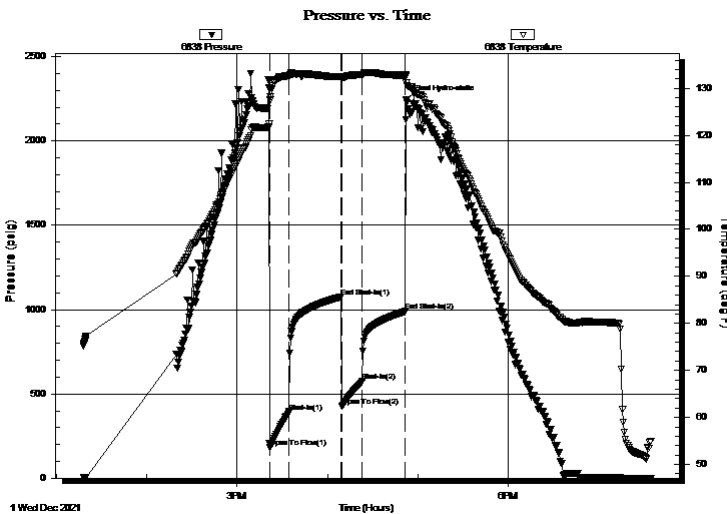
Serial #: 6838

Inside

Press@RunDepth: 574.05 psig @ 4395.00 ft (KB) Capacity: psig
 Start Date: 2021.12.01 End Date: 2021.12.01 Last Calib.: 2021.12.01
 Start Time: 13:18:01 End Time: 19:35:11 Time On Btm: 2021.12.01 @ 15:21:17
 Time Off Btm: 2021.12.01 @ 16:52:32

TEST COMMENT: 15-IF-BOB 2 mins Built to 62"
 30-ISI-No Return
 15-FF-BOB 3 mins Built to 42"
 30-FSI-No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2313.60	122.42	Initial Hydro-static
1	181.33	127.49	Open To Flow (1)
14	393.35	132.73	Shut-In(1)
48	1074.61	132.40	End Shut-In(1)
49	426.34	132.12	Open To Flow (2)
62	574.05	132.95	Shut-In(2)
91	989.47	132.82	End Shut-In(2)
92	2242.56	131.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1090.00	Water 100%W	13.25
180.00	MW 50%M 50%W	2.55

Gas Rates

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

* Recovery from multiple tests



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Palomino Petroleum Inc
 4924 SE 84th St
 New ton KS 67114+8827
 ATTN: Randy Say

32-18s-25w Ness,KS
Goldfinger #1
 Job Ticket: 67852 **DST#: 3**
 Test Start: 2021.12.01 @ 13:18:00

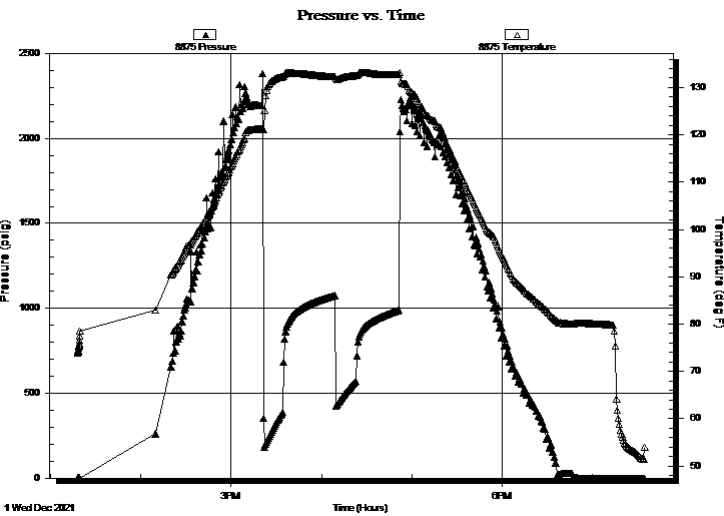
GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 15:22:02 Tester: Spencer J Staab
 Time Test Ended: 19:35:12 Unit No: 84
 Interval: **4394.00 ft (KB) To 4420.00 ft (KB) (TVD)** Reference Elevations: 2411.00 ft (KB)
 Total Depth: 4496.00 ft (KB) (TVD) 2400.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 11.00 ft

Serial #: 8875 Outside

Press@RunDepth: psig @ 4395.00 ft (KB) Capacity: psig
 Start Date: 2021.12.01 End Date: 2021.12.01 Last Calib.: 2021.12.01
 Start Time: 13:18:01 End Time: 19:35:11 Time On Btm:
 Time Off Btm:

TEST COMMENT: 15-IF-BOB 2 mins Built to 62"
 30-ISI-No Return
 15-FF-BOB 3 mins Built to 42"
 30-FSI-No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
1090.00	Water 100%W	13.25
180.00	MW 50%M 50%W	2.55

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum Inc
4924 SE 84th St
New ton KS 67114+8827
ATTN: Randy Say

32-18s-25w Ness,KS

Goldfinger #1

Job Ticket: 67852

DST#: 3

Test Start: 2021.12.01 @ 13:18:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:22:02

Time Test Ended: 19:35:12

Test Type: Conventional Bottom Hole (Reset)

Tester: Spencer J Staab

Unit No: 84

Interval: 4394.00 ft (KB) To 4420.00 ft (KB) (TVD)

Reference Elevations: 2411.00 ft (KB)

Total Depth: 4496.00 ft (KB) (TVD)

2400.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 6749 Below (Straddle)

Press@RunDepth: psig @ 4429.00 ft (KB)

Capacity: psig

Start Date: 2021.12.01 End Date: 2021.12.01

Last Calib.: 2021.12.01

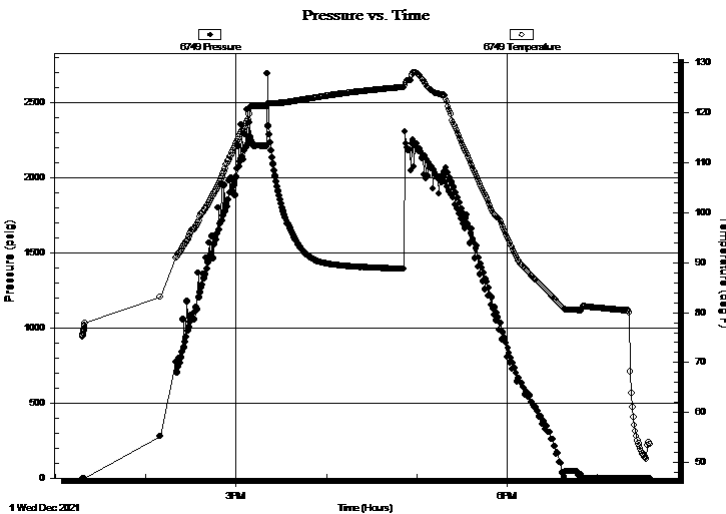
Start Time: 13:18:01 End Time: 19:35:11

Time On Btm:

Time Off Btm:

TEST COMMENT: 15-IF-BOB 2 mins Built to 62"
30-ISI-No Return
15-FF-BOB 3 mins Built to 42"
30-FSI-No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
1090.00	Water 100%W	13.25
180.00	MW 50%M 50%W	2.55

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Inc
4924 SE 84th St
New ton KS 67114+8827
ATTN: Randy Say

32-18s-25w Ness,KS
Goldfinger #1
Job Ticket: 67852 **DST#: 3**
Test Start: 2021.12.01 @ 13:18:00

Tool Information

Drill Pipe:	Length: 4147.00 ft	Diameter: 3.82 inches	Volume: 58.79 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.75 inches	Volume: - bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 238.00 ft	Diameter: 2.25 inches	Volume: 1.17 bbl	Weight to Pull Loose:	65000.00 lb
			<u>Total Volume:</u>	Tool Chased	ft
				String Weight: Initial	60000.00 lb
Drill Pipe Above KB:	20.00 ft			Final	64000.00 lb
Depth to Top Packer:	4394.00 ft				
Depth to Bottom Packer:	ft				
Interval between Packers:	102.00 ft				
Tool Length:	131.00 ft				
Number of Packers:	1	Diameter: 6.75 inches			
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4366.00	
Change Over Sub	1.00			4367.00	
Shut In Tool	5.00			4372.00	
Hydraulic tool	5.00		Fluid	4377.00	
Jars	5.00			4382.00	
Safety Joint	3.00			4385.00	
Packer	5.00			4390.00	29.00 Bottom Of Top Packer
Packer	4.00			4394.00	
Stubb	1.00			4395.00	
Recorder	0.00	6838	Inside	4395.00	
Recorder	0.00	8875	Outside	4395.00	
Perforations	20.00			4415.00	
Blank Off Sub	1.00			4416.00	
Top S. Packer	4.00			4420.00	
Stubb	1.00			4421.00	
Perforations	7.00			4428.00	
Change Over Sub	1.00			4429.00	
Recorder	0.00	6749	Below	4429.00	
Drill Pipe	63.00			4492.00	
Change Over Sub	1.00			4493.00	
Bullnose	3.00			4496.00	102.00 Bottom Packers & Anchor

Total Tool Length: 131.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc
4924 SE 84th St
New ton KS 67114+8827
ATTN: Randy Say

32-18s-25w Ness,KS
Goldfinger #1
Job Ticket: 67852 **DST#: 3**
Test Start: 2021.12.01 @ 13:18:00

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:	25000 ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4900.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1090.00	Water 100%W	13.248
180.00	MW 50%M 50%W	2.552

Total Length: 1270.00 ft Total Volume: 15.800 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: 2#LCM
RW= .422@46F

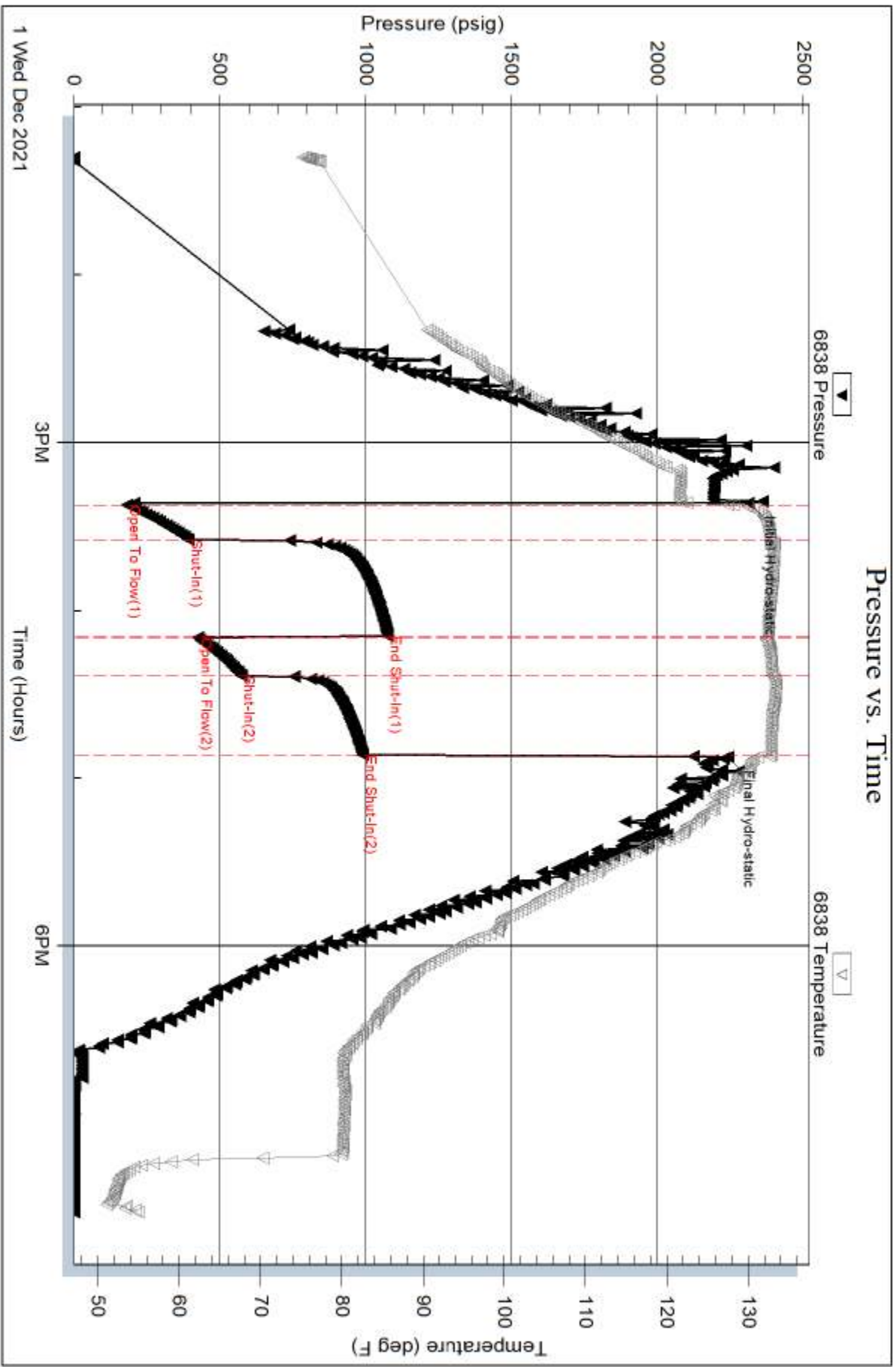
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Inside

Palomino Petroleum Inc

Goldfinger #1

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 67852

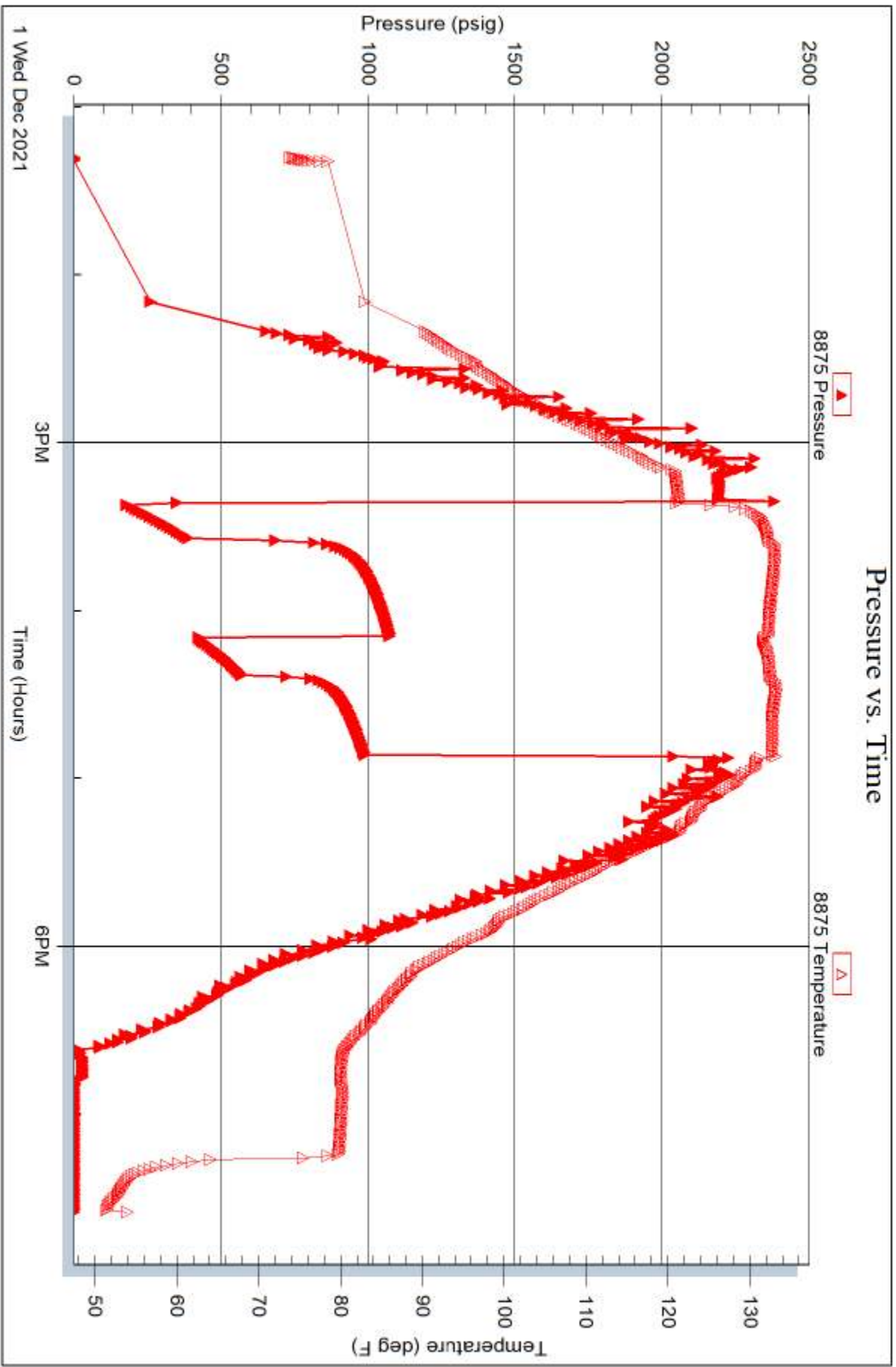
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Serial #: 8875

Outside Palomino Petroleum Inc

Goldfinger #1

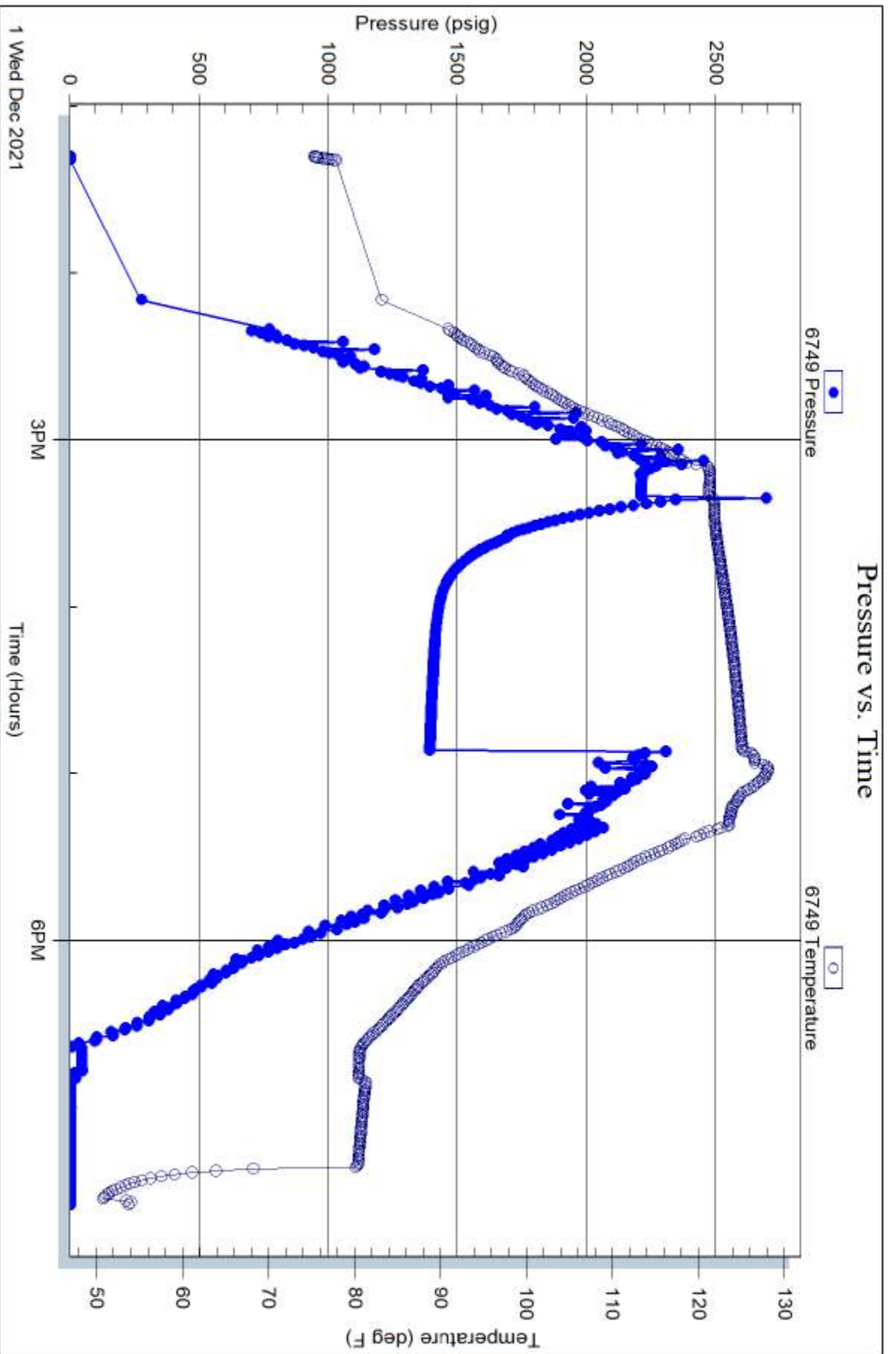
DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 67852

Printed: 2021.12.02 @ 09:19:54





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 68325

Well Name & No. Goldfinger #1 Test No. 1 Date 11/29/2021
 Company Palomino Petroleum Inc Elevation 2411 KB 2400 GL
 Address 4924 SE 84th ST Newton KS 67114 + 8827
 Co. Rep / Geo. Randy Sany Rig Murfin #21
 Location: Sec. 32 Twp 18S Rge. 25W Co. Kans State KS

Interval Tested 4340' - 4385' Zone Tested Mississippi
 Anchor Length 45' Drill Pipe Run 4091' Mud Wt. 9.4
 Top Packer Depth 4335' Drill Collars Run 238' Vis 59
 Bottom Packer Depth 4340' Wt. Pipe Run - WL 5.4
 Total Depth 4385' Chlorides 41400 ppm System LCM 2#

Blow Description 7' Surface to 1 1/4"
ASD - No Return
7' - 150B 30mins
7SD Surface to 1/2"

Rec	Feet of	%gas	%oil	%water	%mud
<u>270'</u>	<u>GMO</u>	<u>10</u>	<u>50</u>	<u>40</u>	<u></u>
<u>60'</u>	<u>GIO</u>	<u>10</u>	<u>90</u>	<u></u>	<u></u>
<u></u>	<u>180' GEP</u>	<u>100</u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>

Rec Total 330' BHT 1240 Gravity 36° API RW - @ - °F Chlorides - ppm
 Test 1450 T-On Location 23:58
 Jars 250 T-Started 00:52
 Safety Joint 75 T-Open 02:52
 Circ Sub T-Pulled 04:52
 Hourly Standby T-Out 07:37
 Mileage 146.27 90rt 112.50 Comments _____
 Sampler _____
 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1887.50 MP/DST Disc't _____

Approved By _____ Our Representative Spencer J. Stamb
 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.

785-259-0056



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **67851**

Well Name & No. Goldfinger #1 Test No. 2 Date 11/30/2021
 Company Palomino Petroleum Inc Elevation 2411 KB 2400 GL
 Address 4924 SE 84th 57 Newton KS 67114+8827
 Co. Rep / Geo. Randy Say Rig Murfin #21
 Location: Sec. 32 Twp 18s Rge. 25w Co. Wess State KS

Interval Tested 4384'-4395' Zone Tested Mississippi
 Anchor Length 11' Drill Pipe Run 4151' Mud Wt. 9.3
 Top Packer Depth 4379' Drill Collars Run 238' Vis 51
 Bottom Packer Depth 4384' Wt. Pipe Run - WL 5.8
 Total Depth 4395' Chlorides 4900 ppm System LCM 2#

Blow Description 77- BOB 1min; Built to 90"
78- Surface to 5"
77- BOB 2min; Built to 45"
78- Surface to 1 1/2"

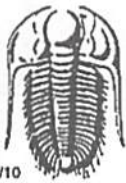
Rec	Feet of	%gas	%oil	%water	%mud
<u>30'</u>	<u>G/HOCM</u>	<u>20</u>	<u>20</u>	<u>60</u>	
<u>1260</u>	<u>G/O</u>	<u>25</u>	<u>75</u>		
	<u>750' GTP</u>	<u>100</u>			

Rec Total 1290' BHT 132° Gravity 36° API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic 2258 Test 1450 T-On Location 12:45
 (B) First Initial Flow 329 Jars 250 T-Started 13:35
 (C) First Final Flow 361 Safety Joint 75 T-Open 15:47
 (D) Initial Shut-In 957 Circ Sub _____ T-Pulled 17:07
 (E) Second Initial Flow 407 Hourly Standby _____ T-Out 20:03
 (F) Second Final Flow 476 Mileage 146 RT 112.50 Comments loaded after test
 (G) Final Shut-In 870 Sampler _____ stayed in truck
 (H) Final Hydrostatic 2157 Straddle _____ between tests
 Shale Packer _____ EM Tool _____
 Extra Packer _____ Ruined Shale Packer _____
 Extra Recorder _____ Ruined Packer 335
 Day Standby _____ Extra Copies _____
 Accessibility _____ Sub Total 335
 Sub Total 1887.50 Total 2222.50 MP/DST Disc't _____

Approved By _____ Our Representative Spencer J. Probst
 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.

785-259-0056



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **67852**

Well Name & No. Goldfinger #1 Test No. 3 Date 12/01/2021
 Company Palomino Petroleum Inc Elevation 2411 KB 2400 GL
 Address 4924 SE 84th St Newton KS 67114+8827
 Co. Rep / Geo. Randy Say Rig Muffin #21
 Location: Sec. 32 Twp 18N Rge. 25W Co. Neosho State Ks

Interval Tested 4394'-4420' Zone Tested Mississippi
 Anchor Length 26' 76' tail Drill Pipe Run 4147 Mud Wt. 9.3
 Top Packer Depth 4394' Drill Collars Run 238' Vis 51
 Bottom Packer Depth 4420' Wt. Pipe Run - WL 5.8
 Total Depth 4496' Chlorides 4900 ppm System LCM 2#

Blow Description 77 BOB 2 mins; Built to 62"
ISD- No Return
77 BOB 3 mins; Built to 42"
ISD No Return

Rec	Feet of	%gas	%oil	%water	%mud
1090	Water		100		
180	MW		50	50	

Rec Total 1270 BHT 1320 Gravity - API RW 422@ 46 ° F Chlorides 25,000 ppm

(A) Initial Hydrostatic <u>2313</u>	<input checked="" type="checkbox"/> Test <u>1450</u>	T-On Location <u>12:03</u>
(B) First Initial Flow <u>181</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>13:18</u>
(C) First Final Flow <u>393</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>15:18</u>
(D) Initial Shut-In <u>1074</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>16:48</u>
(E) Second Initial Flow <u>426</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>19:33</u>
(F) Second Final Flow <u>574</u>	<input checked="" type="checkbox"/> Mileage <u>14627</u> 112.50	Comments <u>loaded after test</u>
(G) Final Shut-In <u>989</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2242</u>	<input checked="" type="checkbox"/> Straddle <u>600</u>	<input type="checkbox"/> EM Tool
	<input checked="" type="checkbox"/> Shale Packer <u>250</u>	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>15</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Final Flow <u>15</u>	<input type="checkbox"/> Day Standby	Sub Total <u>0</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Accessibility	Total <u>2737.50</u>
	Sub Total <u>2737.50</u>	MP/DST Disc't

Approved By _____

Our Representative Spencer J. Kral

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.

785-259-0056