

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](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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**Ryan Seid**  
 Petroleum Geologist  
 615 S. Tebela  
 Ness City, KS 67560  
 (785) 798-5938

**CONTRACTOR'S REPORT**  
 INCLUDING LOG AND SAMPLE LOGS

**WELL INFORMATION**  
 Well No. 24201  
 Elevation 2420'

**FIELD**  
 Location 1190' FHL + 2300' FEL  
 Sec. 24 T1P 16S RGE 26W  
 County Ness State KS

**OPERATOR**  
 Petroleum Products, Inc.  
 The High and the Mighty #2

**LOGGING**  
 Log No. 15-25-2010  
 Date 11/21/12  
 Log Length 3700'

**WELL LOG SHEETS**  
 22' 8 5/8" @  
 5 1/2" @  
 22' 8 5/8" @  
 5 1/2" @

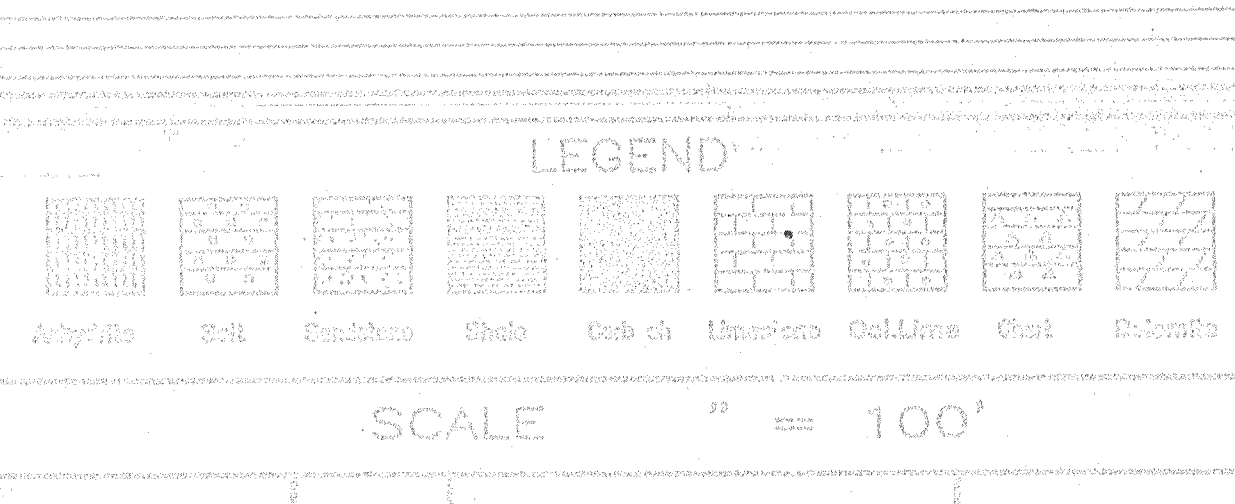
**FORMATION**  
 2028 (6892)  
 3892 (1269)  
 3942 (1312)  
 4246 (1414)  
 4287 (1457)  
 4463 (1493)  
 4469 (1493)  
 4561 (1531)

**WELL LOG SHEETS**  
 22' 8 5/8" @  
 5 1/2" @  
 22' 8 5/8" @  
 5 1/2" @

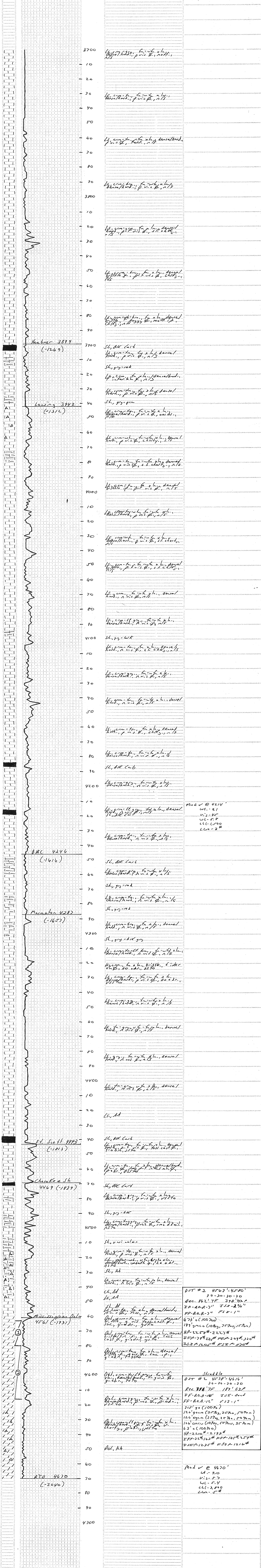
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 5 1/2" @

**WELL LOG SHEETS**  
 22' 8 5/8" @  
 5 1/2" @  
 22' 8 5/8" @  
 5 1/2" @

**LEGEND**



SCALE 1" = 100'



Mud v @ 4214'  
 wt - 9.1  
 vl - 5.9  
 chl - 1.00  
 cca - 2.4

Mud v @ 4670'  
 wt - 9.10  
 vl - 5.7  
 chl - 1.00  
 cca - 5.4

**Straddle**  
 DST # 2 4578'-4616'  
 30-30-30-30  
 Rec. 788 TF 181' 62P  
 FF-80.8-10" FJF-2nd  
 FF-80.8-12" FJF-1"  
 315' 90 (100%)  
 126' 90cm (25%, 25%, 50%)  
 126' 90cm (25%, 25%, 50%)  
 126' 90cm (25%, 25%, 50%)  
 63' 0 (100%)  
 HP-2210#-2193#  
 IFA-2210#165# FFA-165#255#  
 IFA-1235# FFA-1216#





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: 2/12/2022  
 Invoice #: 0358809  
 Lease Name: The High and the Mighty  
 Well #: 1 (New)  
 County: Ness, Ks  
 Job Number: WP2412  
 District: Oakley

Date/Description	HRS/QTY	Rate	Total
Surface	0.000	0.000	0.00
H-325	200.000	18.400	3,680.00
Heavy Eq Mileage	70.000	3.680	257.60
Light Eq Mileage	70.000	1.840	128.80
Ton Mileage	623.000	1.380	859.74
Depth Charge 0'-500'	1.000	920.000	920.00
Cement Blending & Mixing	200.000	1.288	257.60
Wooden plug 8 5/8"	1.000	156.400	156.40

**Total** 6,260.14

**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!**



Customer	Palomino Petrol. Inc.		Lease & Well #	The High and The Mighty #1			Date	2/12/2022
Service District	Oakley KS		County & State	Ness KS	Legals S/T/R	34-16S-26W		Job #
Job Type	Surface	<input checked="" type="checkbox"/> PROD	<input type="checkbox"/> INJ	<input type="checkbox"/> SWD	New Well?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> No	Ticket #

Equipment #	Driver	Job Safety Analysis - A Discussion of Hazards & Safety Procedures					
64	Thomas	<input checked="" type="checkbox"/> Hard hat	<input checked="" type="checkbox"/> Gloves	<input checked="" type="checkbox"/> Lockout/Tagout	<input checked="" type="checkbox"/> Warning Signs & Flagging		
208	John	<input checked="" type="checkbox"/> H2S Monitor	<input checked="" type="checkbox"/> Eye Protection	<input checked="" type="checkbox"/> Required Permits	<input checked="" type="checkbox"/> Fall Protection		
242	Jose	<input checked="" type="checkbox"/> Safety Footwear	<input checked="" type="checkbox"/> Respiratory Protection	<input checked="" type="checkbox"/> Slip/Trip/Fall Hazards	<input type="checkbox"/> Specific Job Sequence/Expectations		
		<input checked="" type="checkbox"/> FRC/Protective Clothing	<input type="checkbox"/> Additional Chemical/Acid PPE	<input checked="" type="checkbox"/> Overhead Hazards	<input checked="" type="checkbox"/> Muster Point/Medical Locations		
		<input checked="" type="checkbox"/> Hearing Protection	<input checked="" type="checkbox"/> Fire Extinguisher	<input type="checkbox"/> Additional concerns or issues noted below			
<b>Comments</b>							

Product/ Service Code	Description	Unit of Measure	Quantity	Net Amount
cp015	H-325	sack	200.00	\$3,680.00
m010	Heavy Equipment Mileage	mi	70.00	\$257.60
m015	Light Equipment Mileage	mi	70.00	\$128.80
m020	Ton Mileage	tm	623.00	\$859.74
d010	Depth Charge: 0'-500'	job	1.00	\$920.00
c060	Cement Blending & Mixing Service	sack	200.00	\$257.60
fe290	8 5/8" Wooden Plug	ea	1.00	\$156.40

Customer Section: On the following scale how would you rate Hurricane Services Inc.?				Net: \$6,260.14
Total Taxable \$ -				Tax Rate:
Based on this job, how likely is it you would recommend HSI to a colleague?				Sale Tax: \$ -
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Total: \$ 6,260.14
Unlikely 1 2 3 4 5 6 7 8 9 10 Extremely Likely				

HSI Representative: *Thomas Dundas*

**TERMS:** Cash in advance unless Hurricane Services Inc. (HSI) has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts shall pay interest on the balance past due at the rate of 1 1/2% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attorney to affect the collection, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount is immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Any discount is based on 30 days net payment terms or cash. **DISCLAIMER NOTICE:** Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations made concerning the results from the use of any product or service. The information presented is a best estimate of the actual results that may be achieved and should be used for comparison purposes and HSI makes no guarantee of future production performance. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper operational care of all customer owned equipment and property while HSI is on location performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and Hurricane has been provided accurate well information in determining taxable services.

X \_\_\_\_\_ **CUSTOMER AUTHORIZATION SIGNATURE**



**CEMENT TREATMENT REPORT**

Customer:	Palomino Petroleum	Well:	The High and The Mighty #1	Ticket:	WP 2412
City, State:	Utica KS	County:	Ness KS	Date:	2/12/2022
Field Rep:		S-T-R:	34-16S-26W	Service:	Surface

Downhole Information	
Hole Size:	12.25 in
Hole Depth:	222 ft
Casing Size:	8 5/8 in
Casing Depth:	222 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	
Tool Depth:	ft
Displacement:	13.0 bbls

Calculated Slurry - Lead	
Blend:	H-325
Weight:	14.8 ppg
Water / Sx:	6.9 gal / sx
Yield:	1.51 ft <sup>3</sup> / sx
Annular Bbls / Ft.:	0.0735 bbs / ft.
Depth:	222 ft
Annular Volume:	16.3 bbls
Excess:	
Total Slurry:	16.3 bbls
Total Sacks:	200 sx

Calculated Slurry - Tail	
Blend:	
Weight:	ppg
Water / Sx:	gal / sx
Yield:	ft <sup>3</sup> / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0 bbls
Excess:	
Total Slurry:	0.0 bbls
Total Sacks:	0 sx

TIME	RATE	PSI	STAGE TOTAL		REMARKS
			BBLs	BBLs	
1030p			-	-	Hurricane services arrives on location
1035p				-	JSA
1040p				-	Spot in equipment and rig in pumps and lines
1120p				-	Rig breaks circulation
1130p	3.0	150.0	5.0	5.0	FW Spacer
1132p	2.5	150.0	46.0	51.0	Mix 200 sks @ 14.8 ppg
1157p	4.0	200.0	13.0	64.0	Calculated displacement of 13 bbls w/FW
1200a				64.0	Plug Doiwn 5bbls Cement to surface
1210a				64.0	Wash pump and salt cellar
1230a				64.0	Left location
				64.0	

CREW			UNIT	SUMMARY		
Cementer:	Thomas		64	Average Rate	Average Pressure	Total Fluid
Pump Operator:	John		208	3.2 bpm	167 psi	64 bbls
Bulk #1:	Jose		242			
Bulk #2:						



# SWIFT



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

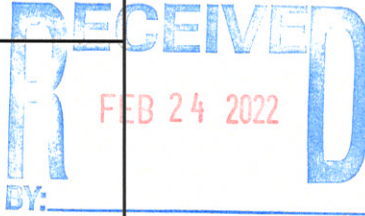


## Invoice

DATE	INVOICE #
2/19/2022	34285

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	The High & ...	Ness	Pickrell #10	Oil	Development	5 1/2 Longstring	Gideon
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				40	Miles	6.00	240.00
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				12	Each	90.00	1,080.00T
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				7	Gallon(s)	42.00	294.00T
581D	Service Charge Cement				225	Sacks	2.00	450.00
583D	Drayage				460	Ton Miles	1.00	460.00
	Subtotal							12,724.00
	Sales Tax Ness County						6.50%	648.31

*cement for long string for #1  
2/19*

**We Appreciate Your Business!**

**Total**

\$13,372.31







CHARGE TO: Palmerie Petrochem  
 ADDRESS  
 CITY, STATE, ZIP CODE

TICKET  
**34285**

SWIFT SERVICES, INC.  
 SERVICES, INC.

PAGE 1 OF 2

1. SERVICE LOCATIONS <u>Ness City, KS</u>	WELL/PROJECT NO. <u>#1</u>	LEASE <u>The High and the Mighty</u>	COUNTY/PARISH <u>Ness</u>	STATE <u>KS</u>	CITY <u>Utica</u>	DATE <u>2-19-2022</u>	OWNER <u>Utica, 1/3-14, 1-5</u>
2. TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>Pickrell</u>	HIG NAME/NO. <u>#10</u>	SHIPPED VIA <u>CT</u>	DELIVERED TO <u>Locannon</u>	WELL PERMIT NO.	ORDER NO.	
3. WELL TYPE <u>O.I.</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>Long String 5 1/2"</u>					
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.			UNIT PRICE	AMOUNT	
		LOC	ACCT	DF		UM	UM	UM			
576		1			MILEAGE				40 mi	6.00	240.00
578		1			Pump Change - Long String				1 job	1,500.00	1,500.00
404		1			Port Collar				1 EA	2,500.00	2,500.00
403		1			Cement Basket				1 EA	275.00	275.00
406		1			Larch Down Plug + Baffle				1 EA	250.00	250.00
407		1			Insert Blow Shoe w/ Auto Fill				1 EA	325.00	325.00
409		1			Turbolizers				12 EA	90.00	1,080.00

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 Benjamin Doyf

DATE SIGNED 2-19-2022 TIME SIGNED 8:00  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?

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?  YES  NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL	1	6170.00
TOTAL	2	6,554.00
TOTAL		12,724.00
TOTAL		14831
TOTAL		13379.31

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

SWIFT OPERATOR Andreas Tunks APPROVAL

Thank You!



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

### TICKET CONTINUATION

TICKET No. **34225**

CUSTOMER **Palmiro Petroleum**

WELL **The High and the Mighty #1**

DATE **2-19-23** PAGE **2** OF **2**

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL					
		LOC	ACCT	DF			QTY	U/M	QTY	U/M	UNIT PRICE	AMOUNT
325		1				Standard Cement			100	SKS	14.00	1,400.00
284		1				Calsal			5	SKS	40.00	200.00
283		1				SALE			500	lbs	0.25	125.00
285		1				CFR-1			50	lbs	5.00	250.00
276		1				Fluocel			75	lbs	3.00	225.00
330		1				Swift Multi-Density Cement			125	SKS	18.00	2250.00
281		1				Mud Flush			500	gal	1.00	500.00
281		1				Liquid BCL			4	gal	25.00	100.00
290		1				D-Air			7	gal	42.00	294.00
581						SERVICE CHARGE					2.00	460.00
583						MILEAGE CHARGE			23.000	TON WEIGHT	1.00	460.00

CONTINUATION TOTAL **6554.00**



JOB LOG

SWIFT Services, Inc.

DATE 2-19-2020 PAGE NO. 1

CUSTOMER Valero Petroleum WELL NO. #1 LEASE The High and The Mighty JOB TYPE Longstring  
TICKET NO. 34285

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0430							ON LOCATION 5 1/2" 14lb/ft RTD: 4,667 TP: 4,663 SJ: 42.56' PC: #61 2058' Basket: 61 Turbo: 1,2,3,4,5,6,7,8,9,10,11,2,62
	0635 0850							Start 5 1/2" 14lb/ft Csg in Well Drop Ball - Circulate
	0950	4 4	12 20	✓ ✓		250 250		Pump 500 gal Mud Flush Pump 20 bbl KCL Spacer
	1000	1 1/2	10			75		Plug RH [30 stks]
	1010	3 1/2 3 1/2	37 24	✓ ✓		175 175		Mix 95 stks of SMD @ 12.5ppg Mix 100 stks of EA-2 @ 15.36ppg
	1030 1030							Wash Pump + Lines Drop Latch Down Plug
	1033	6 1/2 6 1/2 6 1/2	0 80 111	✓ ✓ ✓		200 300 800		Begin Displacement Lift PSI Max Lift PSI
	1050	5 1/2	1125	✓		1600		Land Latch Down Plug -Release PSI *Hold*
	1100							Wash up Trk # 112 Job Complete  125 stks of SMD 14lb Flo used [30 RH, 95 Down Well] 100 stks of EA-2 used  Thanks!  Gideon Kieby, John



# Company: Palomino Petroleum, Inc.

## Lease: The High and the Mighty #1

SEC: 34 TWN: 16S RNG: 26W  
County: NESS  
State: Kansas  
Drilling Contractor: Pickrell Drilling Company, Inc. - Rig 10  
Elevation: 2623 GL  
Field Name: Utica NW  
Pool: Pool Ext.  
Job Number: 552  
API #: 15-135-26150

**Operation:**  
Uploading recovery & pressures

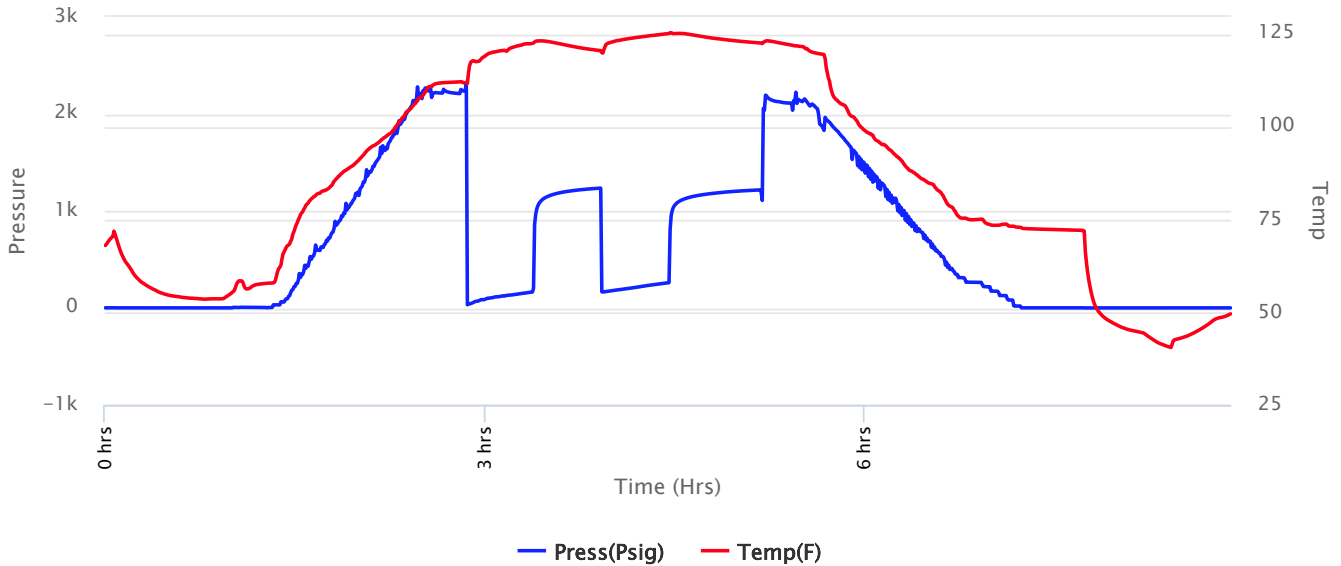
**DATE**  
February  
**18**  
2022

**DST #2**      **Formation: Miss**      **Test Interval: 4578 - 4616'**      **Total Depth: 4667'**  
Time On: 12:23 02/18      Time Off: 21:04 02/18  
Time On Bottom: 15:11 02/18      Time Off Bottom: 17:11 02/18

Electronic Volume Estimate:  
737'

<u>1st Open</u>	<u>1st Close</u>	<u>2nd Open</u>	<u>2nd Close</u>
Minutes: 30	Minutes: 30	Minutes: 30	Minutes: 30
Current Reading: 28.4" at 30 min	Current Reading: 0" at 30 min	Current Reading: 27.2" at 30 min	Current Reading: 1.1" at 30 min
Max Reading: 28.4"	Max Reading: 0"	Max Reading: 27.2"	Max Reading: 1.1"

Inside Recorder







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Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
189	2.68947	G	100	0	0	0
63	0.89649	O	0	100	0	0
315	4.48245	HGO	0	100	0	0
126	1.79298	OCGCM	25	25	0	50
126	1.79298	OCGCM	25	25	0	50
126	0.7115304	SLOCHMCW	0	10	55	35

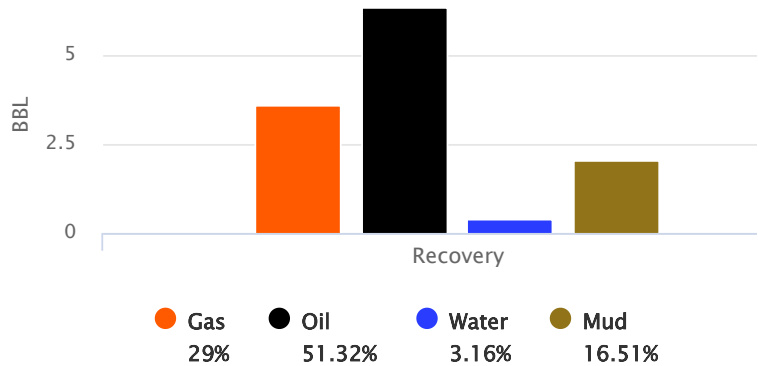
Total Recovered: 945 ft

Total Barrels Recovered: 12.3659004

Reversed Out  
 NO

Initial Hydrostatic Pressure	2210	PSI
Initial Flow	32 to 163	PSI
<b>Initial Closed in Pressure</b>	<b>1235</b>	<b>PSI</b>
Final Flow Pressure	165 to 259	PSI
<b>Final Closed in Pressure</b>	<b>1216</b>	<b>PSI</b>
Final Hydrostatic Pressure	2193	PSI
Temperature	126	°F
Pressure Change Initial Close / Final Close	1.5	%

**Recovery at a glance**



GIP cubic foot volume: 20.13337



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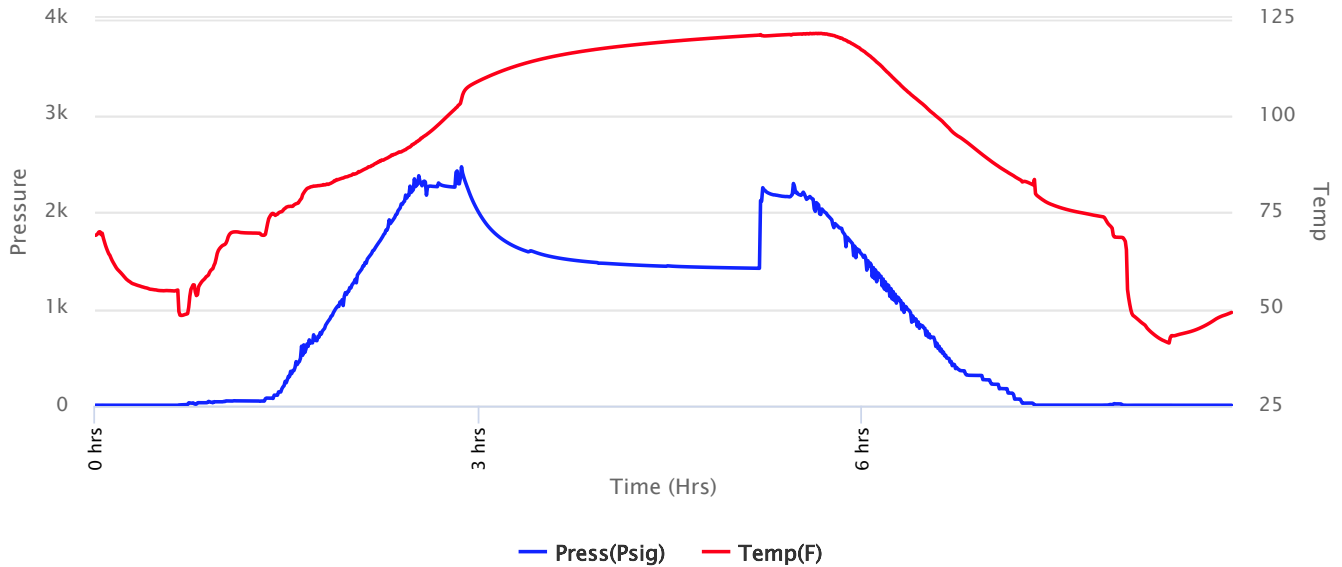
### BUCKET MEASUREMENT:

1st Open: 1/2" Blow. BOB in 10 minutes  
1st Close: NOBB  
2nd Open: 3/4" Blow. BOB in 12 minutes  
2nd Close: 1" Blow Back

### REMARKS:

Tool Sample: 20% Gas 20% Oil 30% Water 30% Mud  
Gravity: 34.5 @ 60 °F  
Ph: 7  
Measured RW: .8 @ 45 degrees °F  
RW at Formation Temp: 0.312 @ 126 °F  
Chlorides: 14000 ppm

### Below Straddle Recorder







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### Down Hole Makeup

<b>Heads Up:</b> 16.78 FT	<b>Packer 1:</b> 4573 FT
<b>Drill Pipe:</b> 4446.05 FT <i>ID-3 1/2</i>	<b>Packer 2:</b> 4578 FT
<b>Weight Pipe:</b> FT <i>ID-2 7/8</i>	<b>Packer 3:</b> 4616 FT
<b>Collars:</b> 116.16 FT <i>ID-2 1/4</i>	<b>Top Recorder:</b> 4562.42 FT
<b>Test Tool:</b> 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	<b>Bottom Recorder:</b> 4617 FT
<b>Total Anchor:</b> 38	<b>Below Straddle Recorder:</b> 4652 FT
<b>Anchor Makeup</b>	<b>Well Bore Size:</b> 7 7/8
<b>Packer Sub:</b> 1 FT	<b>Surface Choke:</b> 1"
<b>Perforations: (top):</b> 37 FT <i>4 1/2-FH</i>	<b>Bottom Choke:</b> 5/8"
<b>Change Over:</b> FT	
<b>Drill Pipe: (in anchor):</b> FT <i>ID-3 1/2</i>	
<b>Change Over:</b> FT	
<b>Perforations: (below):</b> FT <i>4 1/2-FH</i>	
<b><u>STRADDLE</u></b>	
<b>Straddle Packer(s):</b> 1 FT	
<b>Change Over:</b> 1 FT	
<b>Drill Pipe:</b> FT <i>ID-3 1/2"</i>	
<b>Change Over:</b> 1 FT	
<b>Perforations (in tail pipe):</b> 16 FT <i>4 1/2-FH</i>	



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**Mud Properties**

**Mud Type: 9      Weight: 5.4      Viscosity: 57      Filtrate: 5.4      Chlorides: 3800 ppm**





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**Gas Volume Report**

1st Open

2nd Open

Time	Orifice	PSI	MCF/D
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Time	Orifice	PSI	MCF/D
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