## KOLAR Document ID: 1607060

Confiden	tiality 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 #	API No.:
Name:	Spot Description:
Address 1:	
Address 2:	Feet from Dorth / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
	Elevation: Ground: Kelly Bushing:
	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to EOR Conv. to SWD	Drilling Fluid Management Plan
Plug Back Liner Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:      Dual Completion Permit #:	Dewatering method used:
SWD     Permit #:	Location of fluid disposal if hauled offsite:
EOR         Permit #:	
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp S. R East _ West
Recompletion Date Recompletion Date	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:

### KOLAR Document ID: 1607060

Operator Name:	Lease Name: Well #:
Sec TwpS. R East 🗌 West	County:

Page Two

**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.

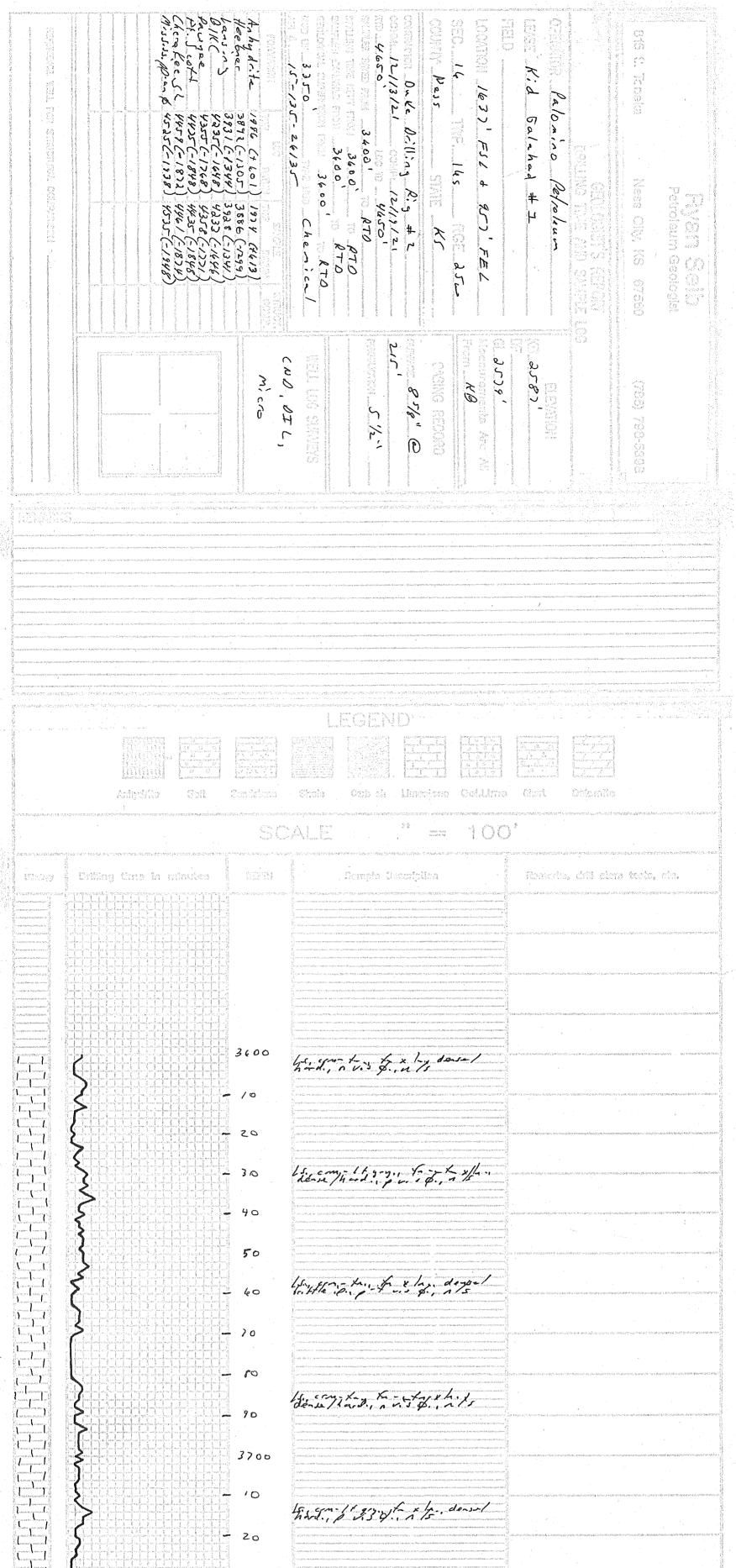
Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken (Attach Additional Sh	acate)	Y	′es 🗌 No			og Formatio	n (Top), Depth a	and Datum	Sample
Samples Sent to Geolo			⁄es 🗌 No	1	Name	Э		Тор	Datum
Cores Taken Electric Log Run Geologist Report / Mud List All E. Logs Run:		□ Y □ Y	Yes ☐ No Yes ☐ No Yes ☐ No						
		Rep	CASING ort all strings set-c		] Ne	w Used rmediate, productio	on. etc.		
Purpose of String	Size Hole Drilled	Siz	ze Casing et (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
[			ADDITIONAL	CEMENTING /	SQU	EEZE RECORD			
Purpose:	Depth Top Bottom	Туре	e of Cement	# Sacks Use	d		Type and	Percent Additives	
Protect Casing Plug Back TD Plug Off Zone									
<ol> <li>Did you perform a hydra</li> <li>Does the volume of the</li> <li>Was the hydraulic fracture</li> </ol>	total base fluid of the	hydraulic fr	acturing treatment		-	☐ Yes ns? ☐ Yes ☐ Yes	No (If No, s	kip questions 2 ar kip question 3) ill out Page Three	
Date of first Production/Inj Injection:	jection or Resumed Pr	oduction/	Producing Meth	iod:		Gas Lift 🗌 O	ther <i>(Explain)</i>		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er Bb	ls.	Gas-Oil Ratio	Gravity
DISPOSITIO	N OF GAS:		Ν	IETHOD OF COM	MPLE	TION:		PRODUCTIC Top	DN INTERVAL: Bottom
Vented Sold (If vented, Subn	Used on Lease		Open Hole		-	·	nit ACO-4)	юр	Bollom
	foration Perform Top Botto		Bridge Plug Type	Bridge Plug Set At		Acid,		ementing Squeezend of Material Used)	
TUBING RECORD:	Size:	Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	KID GALAHAD 1
Doc ID	1607060

# Casing

	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.25	8.625	23	215	H-325	170	H-325
Production	7.875	5.5	14	4643	H-Con. H- Long		H-Con. H- Long



30 tensothand, pris for tost. Its 40 50 Sh., 9-3-61K 60 dense Thard's pris de sti chiks, 70 80 britte p. pt is & chikg ... 90 3800 56-,9-3:200 10 20 20 Dr. Hen, pris A., St. chiky. 40 50 60 Loigna-tain to your degris britthe, 70 80 Heebner 3886 Sh., Bilk Carb (-1299) 90 hard. pro Bin 15 3900 45. grating French x hay denal 10 20 Lansing 3928 (-1341) Shongey-dager 30 Mnd V @ 3933' Ls. AA wz. - 4.0 the who brings in the couple x have 1-15-44 40 46-6.8 666-3,000 LCM-2H 50 by some friste de gil de se proti 60 Share and the second dense Thank pris d. The 20 80 Li company the xhand denselferd. 90 4000 LS., AA 10 20 Chiks, als 30 40 had., put B., n/s 50 gris out gr, n's (4050 sigle) 40 20 Gigging Giging Bin 10 00 p. 1000 dr. 80 90 that and is so, n/5 4100 10 there Thank , A vis go, n's 20 30 Ls. , At 40 ting a transfer the dense 50 60 Sh., gry-blk 70 Bitter Proof & handeriel 80 LeiseThart. 97: the gh aff. 90 4200 SL., BIK (-16 45. composition x h., denselhards 10 Sh., 9-3-61K 20 15, cm. tyxh. Jdenne/brittle 20 BIKC 4233 (-1644) SL., KA 40 Harlin r. J. B., in Frank densel 50 40 20 thy vai color 80 15., AA 90 SL-, 9-9=91~ 4300 his, com-tas, tax by, donnel 10 20 LS., AL 30 40 50 Pawnee 4358 Gensethard, A-J. J. , A. 60 (-1771) 70 80 Ls., At 90 4400 Is, AA 10 56-1-71-5-256-915 20 30 Jh., All Carb Ft. Scott 4435 Ly com you - In sche danse/hard 10 (-1848) straddle 40 4415'- 4456 DST # 2 10-30-10-30 depithard. pris &, no odi. Rec. 1147' TF 50 75I-64" IF-BOB-305 FF-B, O. M.- Instant FSI-56" Cherokee Sh 60 SL., BIK Larb 1023' 90 (50709, 50900) 4461 (-1874) 124' OCM (40900, 4090 m) LS. com-ta. fr x h. densel hall, pris p. p-odr. visto HP-2305 #= 2270# 70 IFP-189#214# FFP-309# 410# ISIP-974# FSIP-938# 80 Lr., Al 90 56.,97 = 611 4500 (1) design and the set of 10 Shyunsteeloc 20 Lis constantion, In ghi, dennel hard , pros Si, poor, uss to 3.0 Milliss: 10. a. 9 45-35- (-1948) Josephering the fringense General Cast prise in the states Figsto 40 Mud V @ 4549' wt. - 9.6 Poli, con-tr., to & landowe thand., Some train trigging at grat by, suc Vis-58 50 · WL - 6,0 621-2,200 2cm-2# Dol. com tr. frank x/a.... 60 20 4454-4549' DST HI Pol, com-thing to a long devel 30-30-30-30 Rec. 310' TF 124' 55P 80 IS = - 1/4" IF . A.O.A. - 15" FF- B.O.B. - 20" FSZ - 1/4" 90 Dol. c.m. that a fre dense hard of 186' gm co (1570g, 4570, 4070m) 124 goum (35709, 15700, 5090m) HP-2363# 2261# 4600 IFP-59# 126# FFP-136# 182# Ppl. , AA with F inter the d. 33 IJIP-1105# # 57P-1019# 10 20 Dpl. com-f-bm for x lander again francis Par, no forter x1 g., no Bar, no fo 30 40 RTO 4650 50 (-2063)

S



Remit To: Hurricane Services, Inc. 250 N. Water, Suite 200 Wichita, KS 67202 316-303-9515

Customer:	Invoice Da	ate:	12/20/2021
PALOMINO PETROLEUM INC	Invoice		0357830
4924 SE 84TH ST	Lease Nar	ne:	Kid Galahad
NEWTON, KS 67114-8827	Wel	I #:	1 (New)
	Cour	•	Ness, Ks
	Job Numb		WP2239
	Distr	rict:	Pratt
Date/Description	HRS/QTY	Rate	Total
Longstring	0.000	0.000	0.00
H-CON	125.000	19.320	2,415.00
H-Long	100.000	25.760	2,576.00
5 1/2" Floatshoe-Flapper AFU	1.000	345.000	345.00
5 1/2" LD Plug & Baffle	1.000	322.000	322.00
5 1/2" Port Collar	1.000	3,220.000	3,220.00
Cement baskets 5 1/2"	2.000	276.000	552.00
5 1/2" Turbolizers	10.000	73.600	736.00
Mud flush	500.000	0.920	460.00
Liquid KCL Substitute 2	1.000	18.400	18.40
Light Eq Mileage	52.000	1.840	95.68
Heavy Eq Mileage	52.000	3.680	191.36
Ton Mileage	551.000	1.380	760.38
Depth Charge 4001'-5000'	1.000	2,300.000	2,300.00
Cement Plug Container	1.000	230.000	230.00
Cement Data Acquisition	1.000	230.000	230.00

**Total** 14,451.82

**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	PALAMINO PET	ROLEUM		Leas	se & Well #	KID (	GALAHA	D 1			Date		2/20/202	4
Service District	PRATT, KS.	0-0-		Cou	nty & State			Legals S/T/F	16.	6S-25W			2/20/202	1
Job Type	LONGSTRING	PROD						New Well?		□ No	Job#			
Equipment #	Driver			- 1		B. S. Balla		y Analysis - A Discu	And the second se		Ticket #		WP2239	
75	LESLEY	☑ Hard h				⊡ Glo		y Analysis - A Disci						
179-521	OSBORN	I H2S M					Protect	ion	□ Lockout/I		Warning Sigr		E .	
182-256	MARTINEZ	☑ Safety I		-				Protection	C Required		□ Fall Protectio			
		□ FRC/Pr			0		1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 -	Chemical/Acid PPE	☑ Slip/Trip/I		☑ Specific Job S			s
		 ☑ Hearing			.9		e Extingu		Overhead		Muster Point		ations	
			g e te ca			- 110	Extinge		omments	concerns or is	sues noted below			
									LONGSTRI	NG				
Product/ Service Code			Descri	iption				Unit of Measu	re Quantity					
P025	H-Con	_						sack	125.					Amoun
P030	H-Long							sack	120.					\$2,415. \$2,576.
E145	5 1/2" Float Shoe	- AFU Flappe	er Type					ea	and the second s	00			4	\$345.
E170	5 1/2" Latch Dowr	n Plug & Baff	le					ea	1.			1		\$322.
E165	5 1/2" Port Collar							ea	1.				•	\$3,220.
E130	5 1/2" Cement Ba	sket						ea	2.				\$	\$552.
E135	5 1/2 Turbolizer		-					ea	10.					\$736.
P170	Mud Flush							gal	500.					\$460.
F056	Liquid KCL Substi	tute 2						gal	1.					\$18.4
015	Light Equipment N	fileage						mi	52.			1		\$95.6
010	Heavy Equipment	Mileage						mi	52.0			-		\$191.3
020	Ton Mileage							tm	551.0			1		\$760.3
015	Depth Charge: 40	01'-5000'						job	1.0					52,300.0
050	Cement Plug Cont	tainer						job	1.0					\$230.0
035	Cement Data Acq	uisition						job	1.0					\$230.0
														φ200.0
							5							
		_		-384.25			23 A.H. 1							
								×				100.00		
Custo	mer Section: On I	he following	scale how	w wou	ld you rate l	Hurrica	ne Servi	ces Inc.?				Net:	\$14	4,451.8
				202					Total Taxable	e \$ -	Tax Rate:		>	<
	sed on this job, h			ould re	ecommend	HSI to	a collea	gue?	used on new w	ells to be sales to	ducts and services ax exempt. customer provided	Sale Tax:	\$	
	nlikely 1 2	3 4		6	7 8	9	10	Extremely Likely	well information	above to make products are tax	a determination if			

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 ½% 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 ball point indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts date of issue. Pricing does not include federal, state, or local taxes, or royatiles 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. <u>DISCLAIMER NOTICE</u>: 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 fom the use of any product or service. The information presented is a best estimate of that any 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.

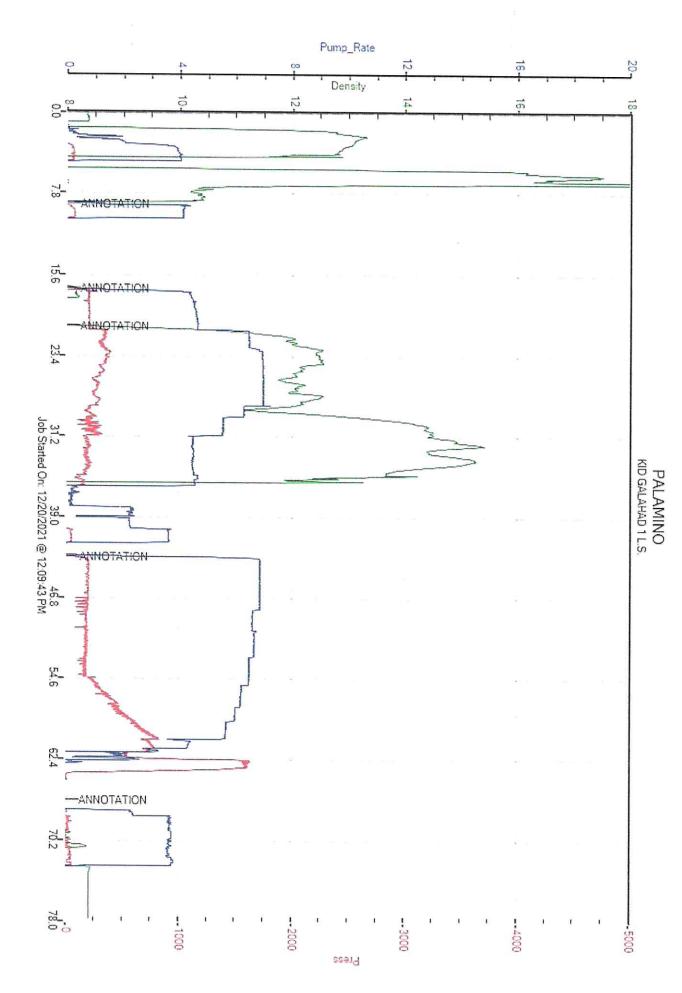
X

#### CUSTOMER AUTHORIZATION SIGNATURE



<b>CEMENT TREATMENT REPORT</b>	R.
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Customer	PALAM	NO PE	TROLEUM	Well:	KID GALAHAI	D1 Ticket:	WP2239
City, State	:			County:	NESS, KS.	Date:	12/20/2021
Field Rep	DALTO	N POPP	)	S-T-R:	16-16S-25W		LONGSTRING
Downhole	Informati	on		Calculated Slu			
Hole Size				Blend:	H-CON		lated Slurry - Tail
Hole Depth				Weight:		Blend:	H-LONG
Casing Size	14.52		14#	Water / Sx:	11.6 ppg	Weight:	15 ppg
Casing Depth	071 10,047				16.8 gal / sx 2.77 ft <sup>3</sup> / sx	Water / Sx:	6.0 gal / sx
Shoe Jt				Yield:		Yield:	1.42 ft <sup>3</sup> / sx
PLUG Depth	Colored abilition	31917.5		Annular Bbls / Ft.:	bbs / ft.	Annular Bbls / Ft.:	bbs / ft.
ORT COLLAR				Depth:	ft	Depth:	ft
Tool Depth		ft		Annular Volume:	0.0 bbls	Annular Volume:	0 bbls
Displacement				Excess:		Excess:	
- procession of the	112.3		TOTAL	Total Slurry:	37.0 bbls	Total Slurry:	25.3 bbls
TIME RATE	PSI	STAGE BBLs		Total Sacks: REMARKS	75 sx	Total Sacks:	100 sx
5:00AM		-	-	ON LOCATION - SPOT EC	UIPMENT		
9:00AM			-	RUN 5 1/2" X 14# CASING	)		
			-	TURBOLIZERS- 1,2,3,4,5,	6,7,8,9,63		
			-	BASKETS- pin end of 18 a	and 62		
			-	PORT COLLAR- COLLAR			
				CASING ON BOTTOM			
11:15AM				HOOK UP TO CASING AN	D BREAK CIRCULATION WITH	RIG PUMP AND MUD	
12:15PM 3.0		7.0	7.0	PLUG RATHOLE WITH 30			
12:25PM 3.0		5.0	12.0	PLUG MOUSEHOLE WITH	1 20 SKS H-CON @ 12 PPG		
12:35PM 6.0	400.0	5.0	17.0	H2o AHEAD			
12:36PM 6.0	400.0	12.0	29.0	MUD FLUSH			
12:38PM 6.0	400.0	5.0		H2o SPACER			
12:39PM 6.0	400.0	37.0		MIX 75 SKS H-CON @ 11.	6 PPG		
12:45PM 6.0	300.0	25.3		MIX 100 SKS H-LONG @ 1		5	
12:50PM				SHUT DOWN - CLEAR PU	MP AND LINES- DROP LATCH	DOWN PLUG	
12:56PM 6.0	-	•	1	START DISPLACEMENT			
12:07PM 5.0	500.0	63.0		LIFT PRESSURE			Service States - States - States
1:12PM 4.0	600.0	100.0	5	SLOW RATE			
1:15PM 3.0	1,500.0	112.3		PLUG DOWN - HELD			And the second s
				CIRCULATION THRU JOB			
				WASH UP PUMP TRUCK			
						the second s	
				JOB COMPLETE,			
				THANKS- KEVEN AND CR	EW		
					_		
	0.0						
Comercia	CREW			UNIT		SUMMARY	<ul> <li>A. M. Market and A. M. Market and A. Market and A. Market and A. M. Market and A. Mar</li></ul>
Cementer:				75	Average Rate	Average Pressure	Total Fluid
Pump Operator:				179-521	4.9 bpm	500 psi	372 bbls
Bulk #1:	MAR	<b>INEZ</b>		182-256			





Remit To: Hurricane Services, Inc. 250 N. Water, Suite 200 Wichita, KS 67202 316-303-9515

Customer:	Invoice Dat	۵.	12/13/2021
PALOMINO PETROLEUM INC	Invoice		0357787
4924 SE 84TH ST	Lease Nam	e:	Kid Galahad
NEWTON, KS 67114-8827	Well	#:	1 (New)
	Count	y:	Ness, Ks
	Job Numbe	er:	WP2216
	Distrie	ot:	Oakley
Date/Description	HRS/QTY	Rate	Total
Date/Description Surface	0.000	<b>Rate</b>	<b>Total</b> 0.00
· · · · · · · · · · · · · · · · · · ·			
Surface	0.000	0.000	0.00
Surface H-325	0.000 170.000	0.000 18.000	0.00 3,060.00
Surface H-325 Light Eq Mileage	0.000 170.000 52.000	0.000 18.000 1.800	0.00 3,060.00 93.60

**Total** 4,801.73

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### WE APPRECIATE YOUR BUSINESS!

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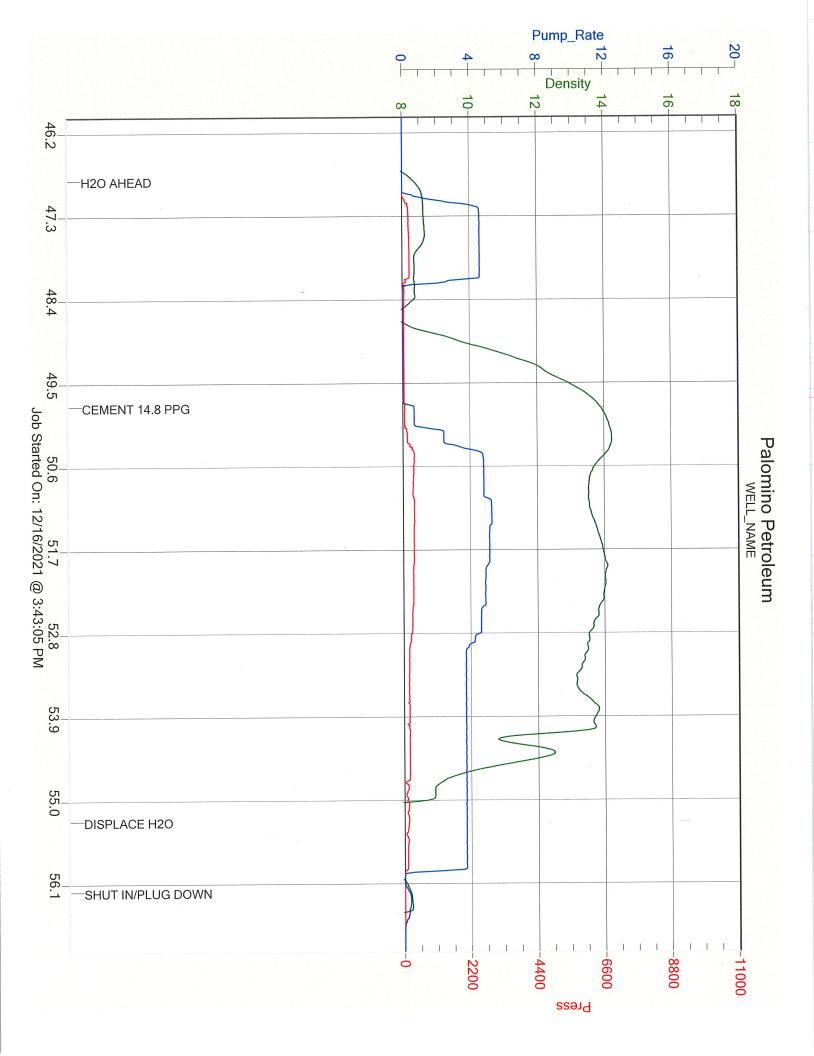
Customer	Palomino Petroleu	m	Lease & Well #	Kid Galahad	d # 1				Date	12/	13/2021
Service District	Oakley KS		County & State	Ness KS		Legals S/T/R	16-16S-	25W	Job #		
Job Type	Surface	✓ PROD		SWD		New Well?	✓ YES	🗌 No	Ticket #	w	P-2216
Equipment #	Driver			Job Safe	ety Ana	lysis - A Discuss	ion of Hazards &	Safety Pro	cedures		
78	Jesse J	✓ Hard hat		✓ Gloves			Lockout/Tag	jout	Warning Sign	s & Flagging	
180/520	Michael R	H2S Monitor		🗸 Eye Prot	tection		Required Pe	rmits	Fall Protectio	n	
165/235	Kale O	✓ Safety Footw	ear	Respirat	ory Pro		✓ Slip/Trip/Fal		✓ Specific Job S		
		FRC/Protectiv	-				✓ Overhead H		✓ Muster Point,	/Medical Loca	itions
		✓ Hearing Prote	ection	Fire Extir	nguishe			oncerns or is	sues noted below		
						Com	iments				
		-									
		-									
					Protection of						
Product/ Service Code		Desc	ription			Unit of Measure	Quantity				Net Amount
CP015	H-325					sack	170.00				\$3,060.00
M015	Light Equipment Mil	leage				mi	52.00				\$93.60
M010	Heavy Equipment M	lileage				mi	52.00				\$187.20
M020	Ton Mileage					tm	415.50				\$560.93
D010	Depth Charge: 0'-50	00'				job	1.00			-	\$900.00
								8			
		o followi <del>ng ooglo</del>		Hurricene Ce	nuicea	nc 2				Mat	¢4 004 70
Cust	omer Section: On th	le following scale l	now would you rate	Humcane Se	ervices I		Total Taxable	\$ -	Tax Rate:	Net:	\$4,801.73
B	ased on this job, ho	ow likely is it vou	would recommen	d HSI to a col	lleague	?			ducts and services	Sale Tax:	\$ -
							used on new wells	s to be sales ta			
			6 7 8		-	romolu Likolu	well information a	bove to make	a determination if		
	Unlikely 1 2	3 4 5	0 / 8	5 I	U EX	remely Likely	services and/or p			Total:	\$ 4,801.73
							HSI Represe	entative:	Jesse Jones		

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CUSTOMER AUTHORIZATION SIGNATURE



			DT				
EMENT TR							
Customer			leum	Well:	Kid Galahad # 1	Ticket:	WP-2216
City, State	Oakley	KS		County:	Ness KS	Date:	12/13/2021
Field Rep	Dean V	asquez		S-T-R:	16-16S-25W	Service:	Surface
Downhole	Informati	on		Calculated Si	urry - Lead	Calc	ulated Slurry - Tail
Hole Size	<b>12 1/4</b>	l in		Blend:	H-325	Blend:	
Hole Depth	: 212	! ft		Weight:	14.8 ppg	Weight:	ppg
Casing Size				Water / Sx:	6.9 gal / sx	Water / Sx:	gal / sx
asing Depth				Yield:	1.41 ft <sup>3</sup> / sx	Yield:	ft <sup>3</sup> / sx
ubing / Line		in		Annular Bbls / Ft.:	0.0735 bbs / ft.	Annular Bbls / Ft.:	bbs / ft.
Depth		ft		Depth:	210 ft	Depth:	ft
Fool / Packei Tool Depth		ft		Annular Volume:	15.4 bbls	Annular Volume: Excess:	0 bbls
isplacement		n bbls		Excess: Total Slurry:	42.6 bbls	Total Slurry:	0.0 bbls
ispiacement	12.0	STAGE	TOTAL	Total Sacks:	170 sx	Total Sacks:	0 sx
IME RAT	E PSI	BBLs	BBLs	REMARKS	110 5X		
9:55p		-	-	Arrival			
10:00p			-	Safety Meeting			
10:05p			-	Rig up			
10:18p			-	Circulate hole			
10:26p 5.5	10.0	5.0	5.0	H2O ahead			
10:28p 4.9	140.0	42.6	47.6	Mixed 170 sks @ 14.8 p	pg @ 212'		
10:40p 3.5	130.0	12.2	59.8	Displaced H2O			
10:45p			59.8	Plug down			
10:48p			59.8	Wash up			
10:53p			59.8	Rig down			
11:15p			59.8	Depart location			
		+					
		+					
	+						
	CREV	v		UNIT		SUMMAR	Y
Cemente		se J		78	Average Rate	Average Pressure	Total Fluid
Pump Operato		hael R		180/520	4.6 bpm	93 psi	60 bbls
Bulk #	I: Kale			165/235			
Bulk #	5						





# DRILL STEM TEST REPORT

Prepared For: P

# **Palomino Petroleum**

4924 SE 84th St Newton, KS 67114

ATTN: Ryan Seib

## Kid Galahad #1

## 16-16s-25w Ness,KS

 Start Date:
 2021.12.18 @ 09:52:00

 End Date:
 2021.12.18 @ 16:48:02

 Job Ticket #:
 67970
 DST #:
 1

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

10		DRILL STEM TES	ST REF	PORT				
家地	RILOBITE	Palomino Petroleum		16-	-16s-25w	Ness, I	KS	
	ESTING , INC.	4924 SE 84th St		Kio	d Galaha	ad #1		
		New ton, KS 67114		Job	Ticket: 67	970	DST	#: 1
		ATTN: Ryan Seib		Tes	t Start: 20	)21.12.18	3 @ 09:52:00	)
GENERAL I	NFORMATION:							
Formation: Deviated: Time Tool Oper Time Test Ende		ft (KB)		Tes	ster: I	Conventi Kevin We 72	onal Bottom l ebster	Hole (Initial)
<b>Interval:</b> Total Depth: Hole Diameter:	<b>4454.00 ft (KB) To 45</b> 4549.00 ft (KB) (T\ 7.78 inchesHole	/D)		Ref	erence ⊟e KB t	evations:	2579.0	00 ft (KB) 00 ft (CF) 00 ft
Serial #: 83 Press@RunDe Start Date: Start Time:		End Date: End Time:	2021.12.18 16:48:02		ib.: Btm: 2		2021.12. 18 @ 12:14:( 18 @ 14:18;;	02
	30 ISI- 1/4" retur 30 FF- WSB BO 30 FSI- 1/4" retu Pressure vs. T	n B20 min rn ime		P	RESSUF	RESUM		
F	T 8305 Pressure		Time	Pressure	Temp	Annot		
2250	ji		(Min.)	(psig) ) 2363.29	(deg F) 108.84	Initial H	ydro-static	
2000		100		2 59.00	109.63	Open T	o Flow (1)	
1750 <u>-</u> - -			32		114.05	Shut-In End Sh		
1500 - 2 - 27 - 7		- 20	62				o Flow (2)	
		, <b>b</b>	92			Shut-In		
			12: 12:		117.11 117.61		ut-In(2) /dro-static	
<b>15 Sat Dec 2021</b>	127M Time (Hours)	314						
	Recovery	T				s Rates		1
Length (ft)	Description	Volume (bbl)			Choke (i	nches) Pr	essure (psig)	Gas Rate (Mcf/d)
0.00	124' GIP 15% Gas 45% Oil 40% M	0.00 Aud 2.61						
124.00	35% Gas 15% Oil 50% M							
Trilobite Tes	<i>e</i> 1	Ref. No: 67970			Duin for all	0004.40	.24 @ 12:47	

	DRILL STEM TES	TREP	ORT			
RILOBITE TESTING, INC	Palomino Petroleum		16-16s-25	öw Ness,K	S	
ESTING , INC			Kid Gala	had #1		
	New ton, KS 67114		Job Ticket:	67970	DST#:	1
NOW.	ATTN: Ryan Seib		Test Start:	2021.12.18 (	@ 09:52:00	
GENERAL INFORMATION:						
Formation:Miss.Deviated:NoWhipstock:Time Tool Opened:12:15:17Time Test Ended:16:48:02	ft (KB)		Test Type: Tester: Unit No:	Conventior Kevin Web 72		ole (Initial)
Interval:4454.00 ft (KB) To45Total Depth:4549.00 ft (KB) (TVHole Diameter:7.78 inches Hole			Reference	⊟evations: B to GR/CF:		) ft (KB) ) ft (CF) ) ft
Serial #: 6752OutsidePress@RunDepth:psigStart Date:2021.12.18Start Time:09:52:01	@ 4455.00 ft (KB) End Date: End Time:	2021.12.18 16:47:02	Capacity: Last Calib.: Time On Btm: Time Off Btm:		2021.12.18	psig }
TEST COMMENT: 30 IF- WSB BOE 30 ISI- 1/4" retu 30 FF- WSB BO 30 FSI- 1/4" retu	n B20 min					
Pressure vs. T	Ťme ⊡ 6752 Tempendure	<u> </u>		JRE SUM		
220 220 170 170 170 170 170 170 170 17	OCCUREMENT OCCUREMENTO OCCUREMENTO OCCUREMENTO OCCUREMENTO OCCUREMENTO OCCURE	Time (Min.)	Pressure Temp (psig) (deg f		tion	
Recovery				Gas Rates		
Length (ft) Description	Volume (bbl)		Chol	e (inches) Pres	sure (psig)	Gas Rate (Mcf/d)
0.00 124' GIP 186.00 15% Gas 45% Oil 40% I	0.00 Mud 2.61					
124.00         35% Gas 15% Oil 50% N						
	<b> </b>					

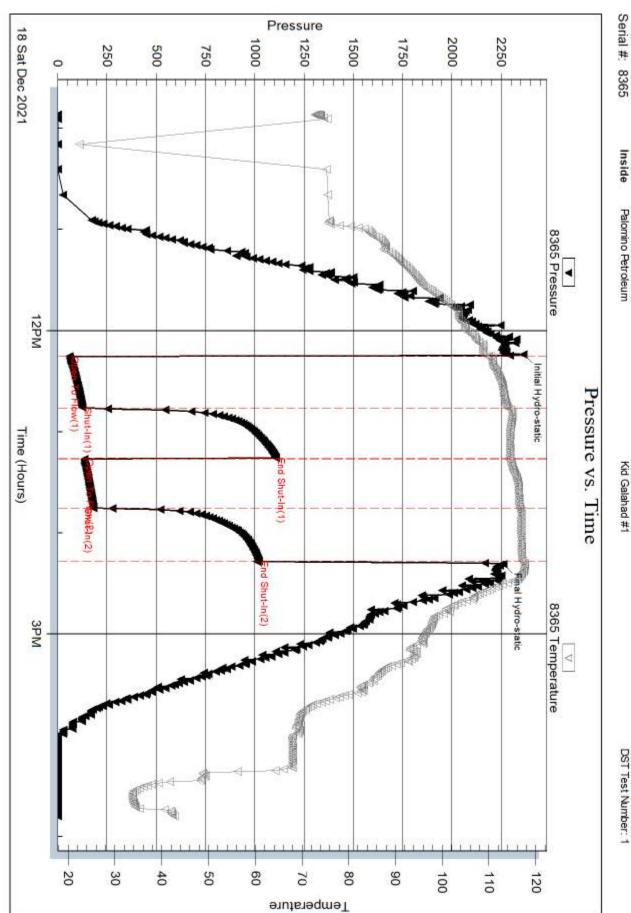
Kid Galahad #1         Job Ticke:       67970       DST#:1         ATTN:       Ryan Seib       Test Start:       2021.12.18 @ 09:52:00         Tool Information       Drill Pipe:       Length:       4437.00 ft       Diameter:       3.80 inches Volume:       62.24 bbl       Tool Weight:       2000.00 lb         Drill Pipe:       Length:       0.00 ft       Diameter:       0.00 inches Volume:       0.00 bbl       Weight set on Packer:       2500.00 lb         Drill Pipe Above KB:       10.00 ft       Diameter:       0.00 inches Volume:       0.00 bbl       Weight set on Packer:       2500.00 lb         Depth to Top Packer:       4454.00 ft       Diameter:       0.00 inches Volume:       62.24 bbl       Tool Chased       0.00 ft         Depth to Top Packer:       4454.00 ft       Diameter:       0.00 inches Volume:       62.24 bbl       Tool Chased       0.00 ft         Depth to Top Packer:       4454.00 ft       Enalt       Final       57000.00 lb       Final       57000.00 lb         Depth to Top Packer:       2       Diameter:       6.75 inches       Final       57000.00 lb       Final       57000.00 lb         Tool Description       Length (ft) Serial No.       Position       Depth (ft) Accum. Lengths       Length (ft) Serial No.	RILOBIT	2	Palomine	o Petroleur	ı		16-16s-25w Ness,K	S
Job licket: 6/9/0DST#:1ATTN:Ryan SeibTest Start: 2021.12.18 @ 09:52:00Tool InformationDrill Pipe:Length:4437.00 ftDiameter:0.00 inches Volume:62.24 bblHeavy Wt. Pipe:Length:0.00 ftDiameter:0.00 inches Volume:0.00 bblDrill Pipe Above KB:10.00 ftDiameter:0.00 inches Volume:0.00 bblDrill Pipe Above KB:10.00 ftDepth to Top Packer:4454.00 ftDepth to Top Packer:4454.00 ftDepth to Bottom Packers:95.00 ftNumber of Packers:2Diameter:6.75 inchesTool Comments:1.00 <b>Tool Description</b> Length (ft) Serial No. PositionDepth (ft) Accum. LengthsChange Over Sub1.004428.00Shut In Tool5.004433.00	ESTIN	IG , INC.	4924 SE	E84th St			Kid Galahad #1	
Tool Information         Drill Pipe:       Length:       4437.00 ft       Diameter:       3.80 inches Volume:       62.24 bbl       Tool Weight:       2000.00 lb         Heavy Wt. Pipe:       Length:       0.00 ft       Diameter:       0.00 inches Volume:       0.00 bbl       Weight set on Packer:       25000.00 lb         Drill Collar:       Length:       0.00 ft       Diameter:       0.00 inches Volume:       0.00 bbl       Weight to Pull Loose:       58000.00 lb         Drill Pipe Above KB:       10.00 ft       Total Volume:       62.24 bbl       Tool Chased       0.00 ft         Drill Pipe Above KB:       10.00 ft       Total Volume:       62.24 bbl       Tool Chased       0.00 ft         Depth to Top Packer:       4454.00 ft       Depth to Top Packer:       ft       Interval betw een Packers:       95.00 ft         Tool Length:       122.00 ft       Tool Length:       122.00 ft       Tool Comments:         Tool Comments:       Diameter:       6.75 inches       Tool Comments:       Final       57000.00 lb         Tool Comments:       1.00       4428.00       4433.00       4433.00       4433.00			New ton	, KS 67114			Job Ticket: 67970	DST#: 1
Drill Ppe:Length:4437.00 ftDiameter:3.80 inches Volume:62.24 bblTool Weight:2000.00 lbHeavy Wt. Pipe:Length:0.00 ftDiameter:0.00 inches Volume:0.00 bblWeight set on Packer:25000.00 lbDrill Collar:Length:0.00 ftDiameter:0.00 inches Volume:0.00 bblWeight is to Packer:25000.00 lbDrill Pipe Above KB:10.00 ftTotal Volume:62.24 bblTool Chased0.00 ftDepth to Top Packer:4454.00 ftTotal Volume:62.24 bblTool Chased0.00 ftDepth to Bottom Packer:ftftFinal57000.00 lbFinal57000.00 lbTool Length:122.00 ftTotal Volume:6.75 inchesFinal57000.00 lbFinalNumber of Packers:2Diameter:6.75 inchesFinal57000.00 lbFinalTool Comments:1.004428.004428.00Shut In Tool5.004433.004433.00Final	NOV .		ATTN:	Ryan Seib			Test Start: 2021.12.18 (	@ 09:52:00
Heavy Wt. Pipe:       Length:       0.00 ft       Diameter:       0.00 inches Volume:       0.00 bbl       Weight set on Packer:       25000.00 lb         Drill Collar:       Length:       0.00 ft       Diameter:       0.00 inches Volume:       0.00 bbl       Weight set on Packer:       25000.00 lb         Drill Pipe Above KB:       10.00 ft       Diameter:       0.00 inches Volume:       62.24 bbl       Weight to Pull Loose:       58000.00 lb         Dorill Pipe Above KB:       10.00 ft       Total Volume:       62.24 bbl       Totol Chased       0.00 ft         Depth to Top Packer:       4454.00 ft       Final       57000.00 lb       Final       57000.00 lb         Depth to Bottom Packer:       122.00 ft       Final       57000.00 lb       Final       57000.00 lb         Number of Packers:       2       Diameter:       6.75 inches       Final       57000.00 lb         Tool Comments:       Ength (ft)       Serial No.       Position       Depth (ft)       Accum. Lengths         Change Over Sub       1.00       4428.00       4433.00       4433.00       4433.00	Tool Information	Į						
Drill Collar:Length:0.00 ftDiameter:0.00 inches Volume:0.00 bblWeight to Pull Loose:5800.00 lbDrill Pipe Above KB:10.00 ftTotal Volume:62.24 bblTool Chased0.00 ftDepth to Top Packer:4454.00 ftFit56000.00 lbFinal57000.00 lbDepth to Bottom Packer:ftFit57000.00 lbFinal57000.00 lbDepth to Bottom Packer:95.00 ft122.00 ftFinal57000.00 lbNumber of Packers:2Diameter:6.75 inchesFinal57000.00 lbTool DescriptionLength (ft) Serial No.PositionDepth (ft)Accum. LengthsChange Over Sub1.004428.004433.005.004433.00	Drill Pipe: Length: 44	437.00 ft	Diameter:	3.80	inches Volume:	62.24 bbl	Tool Weight:	2000.00 lb
Total Volume:62.24 bblTool Chased0.00 ftDrill Pipe Above KB:10.00 ft100 ftString Weight:Initial56000.00 lbDepth to Top Packer:4454.00 ftFinal57000.00 lbFinal57000.00 lbDepth to Bottom Packers:95.00 ft122.00 ftFinal57000.00 lbFinalNumber of Packers:2Diameter:6.75 inchesFinal57000.00 lbTool DescriptionLength (ft)Serial No.PositionDepth (ft)Accum. LengthsChange Over Sub1.004428.004433.00Final5.00				0.00	inches Volume:	0.00 bbl	•	r: 25000.00 lb
Drill Pipe Above KB:       10.00 ft       String Weight: Initial 56000.00 lb         Depth to Top Packer:       4454.00 ft       Final 57000.00 lb         Depth to Bottom Packer:       ft       Final 57000.00 lb         Depth to Bottom Packer:       95.00 ft       57000.00 lb         Tool Length:       122.00 ft       Interval between Packers:       2 Diameter:         Number of Packers:       2 Diameter:       6.75 inches         Tool Comments:       Ength (ft) Serial No. Position       Depth (ft) Accum. Lengths         Change Over Sub       1.00       4428.00         Shut In Tool       5.00       4433.00	Drill Collar: Length:	0.00 ft	Diameter:	0.00	inches Volume:	0.00 bbl	Weight to Pull Loose:	58000.00 lb
Depth to Top Packer:       4454.00 ft       Final       50000.00 lb         Depth to Bottom Packer:       ft       Final       57000.00 lb         Interval betw een Packers:       95.00 ft       122.00 ft       Final       57000.00 lb         Number of Packers:       2       Diameter:       6.75 inches       Final       57000.00 lb         Tool Description       Length (ft)       Serial No.       Position       Depth (ft)       Accum. Lengths         Change Over Sub       1.00       4428.00       4433.00       5.00       4433.00	Drill Dina Ahava KD:	10.00 54			Total Volume:	62.24 bbl	Tool Chased	0.00 ft
Depth to Bottom Packer:       ft         Interval betw een Packers:       95.00 ft         Tool Length:       122.00 ft         Number of Packers:       2         Diameter:       6.75 inches         Tool Description       Length (ft) Serial No.         Position       Depth (ft) Accum. Lengths         Change Over Sub       1.00         Shut In Tool       5.00							String Weight: Initial	56000.00 lb
Interval betw een Packers:       95.00 ft         Fool Length:       122.00 ft         Number of Packers:       2         Diameter:       6.75 inches         Fool Comments:       500         Depth (ft)       Accum. Lengths         Change Over Sub       1.00         Shut In Tool       5.00							Final	57000.00 lb
Fool Length:       122.00 ft         Number of Packers:       2         Diameter:       6.75 inches         Fool Comments:       500         Pool Description       Length (ft) Serial No.       Position         Depth (ft)       Accum. Lengths         Change Over Sub       1.00       4428.00         Shut In Tool       5.00       4433.00								
Number of Packers:       2       Diameter:       6.75 inches         Fool Comments:       Image: Contract of the second								
Tool Comments:       Length (ft)       Serial No.       Position       Depth (ft)       Accum. Lengths         Change Over Sub       1.00       4428.00       4433.00	5		Diamatary	6 75				
Fool DescriptionLength (ft)Serial No.PositionDepth (ft)Accum. LengthsChange Over Sub1.004428.00Shut In Tool5.004433.00	Number of Packers:		Dameier		Inches			
Shut In Tool         5.00         4433.00	Tool Comments:					Depth (ft) Ac	ccum. Lengths	
	Tool Comments: Tool Description		ngth (ft)				ccum. Lengths	
Tydraulic tool 5.00 44 <i>3</i> 8.00	Tool Comments: Tool Description Change Over Sub		<b>ngth (ft)</b> 1.00			4428.00	ccum. Lengths	
	Tool Comments: <b>Tool Description</b> Change Over Sub Shut In Tool		<b>ngth (ft)</b> 1.00			4428.00	ccum. Lengths	
Safety Joint 2.00 4445.00	Tool Comments: <b>Fool Description</b> Change Over Sub Shut In Tool Hydraulic tool		<b>ngth (ft)</b> 1.00 5.00 5.00			4428.00 4433.00 4438.00	ccum. Lengths	
Packer 5.00 4450.00 27.00 Bottom Of Top Pa	Tool Comments: <b>Tool Description</b> Change Over Sub Shut In Tool Hydraulic tool Jars		<b>1</b> .00 5.00 5.00 5.00			4428.00 4433.00 4438.00 4443.00	ccum. Lengths	
	Fool Comments: <b>Fool Description</b> Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint		<b>1</b> .00 5.00 5.00 5.00 2.00			4428.00 4433.00 4438.00 4443.00 4445.00		Bottom Of Top Packe
Packer 4.00 4454.00	Fool Comments: Fool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer		<b>1.</b> 00 5.00 5.00 5.00 2.00 5.00			4428.00 4433.00 4438.00 4443.00 4445.00 4445.00		Bottom Of Top Packe
	Tool Comments: <b>Tool Description</b> Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer		<b>1</b> .00 5.00 5.00 5.00 2.00 5.00 4.00			4428.00 4433.00 4438.00 4443.00 4445.00 4445.00 4450.00		Bottom Of Top Packe
Stubb 1.00 4455.00	Tool Comments: <b>Fool Description</b> Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb		<b>ngth (ft)</b> 1.00 5.00 5.00 2.00 2.00 5.00 4.00 1.00	Serial No	. Position	4428.00 4433.00 4438.00 4443.00 4445.00 4450.00 4454.00 4455.00		Bottom Of Top Packe
Stubb         1.00         4455.00           Recorder         0.00         8365         Inside         4455.00	Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Recorder		<b>ngth (ft)</b> 1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00	Serial No 8365	. Position	4428.00 4433.00 4438.00 4443.00 4445.00 4445.00 4455.00 4455.00		Bottom Of Top Packe
Stubb         1.00         4455.00           Recorder         0.00         8365         Inside         4455.00           Recorder         0.00         6752         Outside         4455.00	Fool Comments: Fool Description Change Over Sub Shut In Tool Hydraulic tool Hars Safety Joint Packer Packer Stubb Recorder Recorder	Len	<b>ngth (ft)</b> 1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 0.00	Serial No 8365	. Position	4428.00 4433.00 4438.00 4443.00 4445.00 44450.00 4455.00 4455.00 4455.00		Bottom Of Top Packe
Stubb         1.00         4455.00           Recorder         0.00         8365         Inside         4455.00           Recorder         0.00         6752         Outside         4455.00           Perforations         27.00         4482.00         4482.00	Fool Comments: Fool Description Change Over Sub Shut In Tool Hydraulic tool lars Safety Joint Packer Packer Stubb Recorder Recorder Perforations	Len	<b>agth (ft)</b> 1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 0.00 27.00	Serial No 8365	. Position	4428.00 4433.00 4438.00 4443.00 4445.00 4450.00 4455.00 4455.00 4455.00 4455.00 4455.00		Bottom Of Top Packe
Stubb       1.00       4455.00         Recorder       0.00       8365       Inside       4455.00         Recorder       0.00       6752       Outside       4455.00         Perforations       27.00       4482.00         Change Over Sub       1.00       4483.00	Fool Comments: Fool Description Change Over Sub Shut In Tool Hydraulic tool lars Safety Joint Packer Packer Packer Stubb Recorder Recorder Perforations Change Over Sub	Len	<b>ngth (ft)</b> 1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 0.00 27.00 1.00	Serial No 8365	. Position	4428.00 4433.00 4438.00 4443.00 4445.00 4445.00 4455.00 4455.00 4455.00 4455.00 4482.00 4483.00		Bottom Of Top Packe
Stubb       1.00       4455.00         Recorder       0.00       8365       Inside       4455.00         Recorder       0.00       6752       Outside       4455.00         Perforations       27.00       6752       Outside       4482.00         Change Over Sub       1.00       4483.00       4455.00	Fool Comments: Fool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe	Len	<b>ngth (ft)</b> 1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 27.00 1.00 62.00	Serial No 8365	. Position	4428.00 4433.00 4438.00 4443.00 4445.00 4450.00 4455.00 4455.00 4455.00 4482.00 4483.00 4545.00		Bottom Of Top Packe
Stubb 1.00 4455.00	Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb		<b>ngth (ft)</b> 1.00 5.00 5.00 2.00 5.00 4.00 1.00	Serial No	. Position	4428.00 4433.00 4438.00 4443.00 4445.00 4450.00 4454.00 4455.00		Bottom Of Top Pack
Stubb 1.00 4455.00	Fool Comments: Fool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb		<b>ngth (ft)</b> 1.00 5.00 5.00 2.00 5.00 4.00 1.00	Serial No	. Position	4428.00 4433.00 4438.00 4443.00 4445.00 4450.00 4454.00 4455.00		Bottom Of Top Packe
Stubb         1.00         4455.00           Recorder         0.00         8365         Inside         4455.00	Tool Comments:         Fool Description         Change Over Sub         Shut In Tool         Hydraulic tool         Hydraulic tool         ars         Safety Joint         Packer         Packer         Stubb         Recorder		<b>ngth (ft)</b> 1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00	Serial No 8365	. Position	4428.00 4433.00 4438.00 4443.00 4445.00 4445.00 4455.00 4455.00		Bottom Of Top Packe
Stubb         1.00         4455.00           Recorder         0.00         8365         Inside         4455.00	Tool Comments:         Fool Description         Change Over Sub         Shut In Tool         Hydraulic tool         Hydraulic tool         ars         Safety Joint         Packer         Packer         Stubb         Recorder		<b>ngth (ft)</b> 1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00	Serial No 8365	. Position	4428.00 4433.00 4438.00 4443.00 4445.00 4445.00 4455.00 4455.00		Bottom Of Top Packe
Stubb         1.00         4455.00           Recorder         0.00         8365         Inside         4455.00           Recorder         0.00         6752         Outside         4455.00	Tool Description         Change Over Sub         Shut In Tool         Hydraulic tool         Jars         Safety Joint         Packer         Packer         Stubb         Recorder         Recorder	Len	<b>ngth (ft)</b> 1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 0.00	Serial No 8365	. Position	4428.00 4433.00 4438.00 4443.00 4445.00 44450.00 4455.00 4455.00 4455.00		Bottom Of Top Packe
Stubb         1.00         4455.00           Recorder         0.00         8365         Inside         4455.00           Recorder         0.00         6752         Outside         4455.00           Perforations         27.00         6752         Outside         4455.00	Tool Comments:         Tool Description         Change Over Sub         Shut In Tool         Hydraulic tool         ars         Safety Joint         Packer         Stubb         Recorder         Recorder         Perforations	Len	<b>agth (ft)</b> 1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 0.00 27.00	Serial No 8365	. Position	4428.00 4433.00 4438.00 4443.00 4445.00 4450.00 4455.00 4455.00 4455.00 4455.00 4455.00		Bottom Of Top Packe
Stubb       1.00       4455.00         Recorder       0.00       8365       Inside       4455.00         Recorder       0.00       6752       Outside       4455.00         Perforations       27.00       4482.00         Change Over Sub       1.00       4483.00	Fool Comments: Fool Description Change Over Sub Shut In Tool Hydraulic tool lars Safety Joint Packer Packer Packer Stubb Recorder Recorder Perforations Change Over Sub	Len	<b>ngth (ft)</b> 1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 0.00 27.00 1.00	Serial No 8365	. Position	4428.00 4433.00 4438.00 4443.00 4445.00 4445.00 4455.00 4455.00 4455.00 4455.00 4482.00 4483.00		Bottom Of Top Packe
Stubb       1.00       4455.00         Recorder       0.00       8365       Inside       4455.00         Recorder       0.00       6752       Outside       4455.00         Perforations       27.00       4482.00         Change Over Sub       1.00       4483.00	Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer Stubb Recorder Recorder Recorder Perforations Change Over Sub	Len	<b>ngth (ft)</b> 1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 0.00 27.00 1.00	Serial No 8365	. Position	4428.00 4433.00 4438.00 4443.00 4445.00 4445.00 4455.00 4455.00 4455.00 4455.00 4482.00 4483.00		Bottom Of Top Packe
Stubb         1.00         4455.00           Recorder         0.00         8365         Inside         4455.00           Recorder         0.00         6752         Outside         4455.00           Perforations         27.00         4482.00         4483.00           Drill Pipe         62.00         4545.00         4545.00	Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe	Len	<b>ngth (ft)</b> 1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 27.00 1.00 62.00	Serial No 8365	. Position	4428.00 4433.00 4438.00 4443.00 4445.00 4450.00 4455.00 4455.00 4455.00 4482.00 4483.00 4545.00		Bottom Of Top Packe

( <b>) - 7</b> 93)	RII ORITE	DRI	LL STEM TEST REPOR	RI	F	FLUID SU	MMAR
	TESTING , INC	Palomir	no Petroleum	16-16s-2	5w Ness,KS		
	ESTING , INC	4924 S	E 84th St	Kid Gala	had #1		
		New to	n, KS 67114	Job Ticket:	67970	DST#:1	
<b>V</b> 57		ATTN:	Ryan Seib	Test Start:	Test Start: 2021.12.18 @ 09:52:00		
/lud and Cu	shion Information						
<i>l</i> ud Type: G	el Chem		Cushion Type:		Oil API:		deg API
<i>l</i> ud Weight:	10.00 lb/gal		Cushion Length:	ft	Water Salinity:		ppm
'iscosity:	58.00 sec/qt		Cushion Volume:	bbl			
Vater Loss:	5.99 in <sup>3</sup>		Gas Cushion Type:				
lesistivity:	ohm.m		Gas Cushion Pressure:	psig			
alinity:	2300.00 ppm						
ilter Cake:	inches						
ecovery Ir	oformation		Recovery Table				
	Leng	th	Description	Volume	7		
	ft	uı	Description	bbl			
		0.00	124' GIP	0.0	00		
		186.00	15% Gas 45% Oil 40% Mud	2.6	09		
		124.00	35% Gas 15% Oil 50% Mud	1.73	39		
	Total Length:	310	.00 ft Total Volume: 4.348 k	bl			
	Num Fluid Samp	oles: 0	Num Gas Bombs: 0	Serial	#:		
	Laboratory Nan		Laboratory Location:				
	Recovery Com						
	,						

Printed: 2021.12.24 @ 12:47:44

Ref. No: 67970

Trilobite Testing, Inc



Kid Galahad #1

Inside

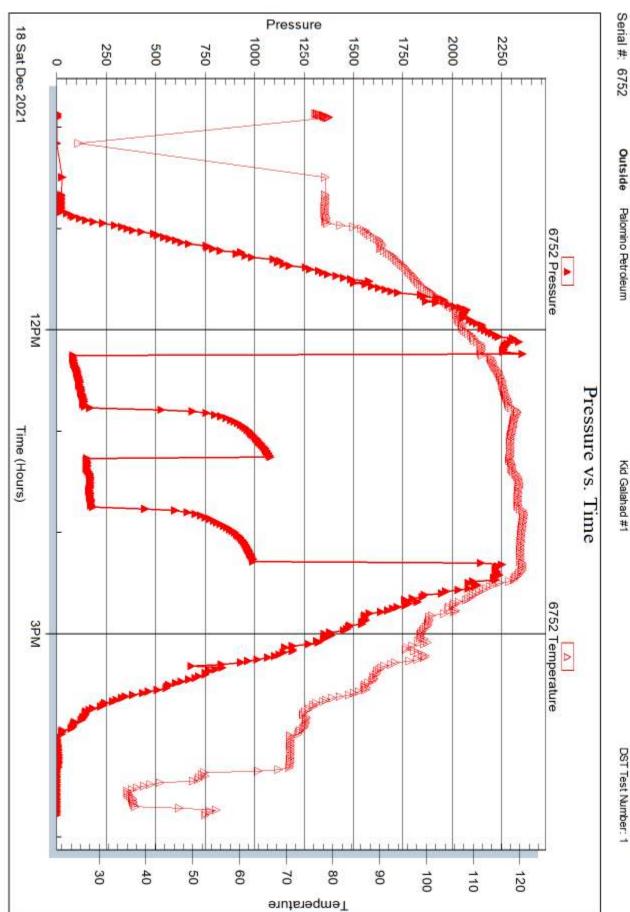
Palomino Petroleum

DST Test Number: 1

Printed: 2021.12.24 @ 12:47:45

Ref. No: 67970

Trilobite Testing, Inc



Kid Galahad #1

Outside Palomino Petroleum

DST Test Number: 1



# DRILL STEM TEST REPORT

Prepared For: Pa

# **Palomino Petroleum**

4924 SE 84th St Newton, KS 67114

ATTN: Ryan Seib

# Kid Galahad #1

### 16-16s-25w Ness,KS

 Start Date:
 2021.12.19 @ 22:31:16

 End Date:
 2021.12.20 @ 10:03:03

 Job Ticket #:
 67971
 DST #:
 2

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

RILOBITE	DRILL STEM TES	T REP	ORT		
	Palomino Petroleum		16-16s-2	5w Ness,KS	
ESTING , INC	4924 SE 84th St New ton, KS 67114		Kid Gala		
	ATTN: Ryan Seib		Job Ticket:		
			Test Start.	2021.12.19 @ 22:31:16	
GENERAL INFORMATION:					
Formation:Ft ScottDeviated:NoWhipstock:Time Tool Opened:01:16:03Time Test Ended:10:03:03	ft (KB)		Test Type: Tester: Unit No:	Conventional Straddle (Rese Kevin Webster 72	t)
Interval:4415.00 ft (KB) To44Total Depth:4650.00 ft (KB) (THole Diameter:7.78 inches Hole	VD)			Elevations: 2587.00 ft (K 2579.00 ft (C KB to GR/CF: 8.00 ft	-
Serial #: 6752 Outside					
Press@RunDepth: 410.33 psig		2024 40 40	Capacity: Last Calib.:	psig	9
Start Date:         2021.12.19           Start Time:         10:55:17	End Date: End Time:	2021.12.19 22:27:03	Time On Btm: Time Off Btm:	2021.12.19 2021.12.19 @ 13:38:18 2021.12.19 @ 14:56:48	
30 ISI- Returns 10 FF- BOB as 30 FSI- Returns Pressure vs. *	soon as open built to 56" GTS	1	PRESS	URE SUMMARY	
EV 672 Pressure	 [▼] 6752 Temperature	Time	Pressure Tem		
	- 130	(Min.)	(psig) (deg	F)	
		0		<ul><li>73 Initial Hydro-static</li><li>46 Open To Flow (1)</li></ul>	
	100	11	274.31 130.	. ,	
1530		43		82 End Shut-In(1) 93 Open To Flow (2)	
		52		.72 Shut-In(2)	
		78	938.32 129.		
70 50 50 50 50 50 50 50 50 50 5	GFU 3FM	79	2270.31 130.	53 Final Hydro-static	
Recovery Length (ft) Description	Volume (bbl)			Gas Rates Deve (inches) Pressure (psig) Gas Rate	e (Mcf/d)
1023.00 50% oil 50% gas	14.35				. ,
124.00 40% oil 60% mud	1.74				
* Recovery from multiple tests	<b>  </b>				
Trilobite Testing, Inc	Ref. No: 67971		Print	ed: 2021.12.24 @ 12:48:47	

	DRILL STEM TES	ST REPORT
RILOBITE	Palomino Petroleum	16-16s-25w Ness,KS
ESTING, M		Kid Galahad #1
	New ton, KS 67114	Job Ticket: 67971 DST#:2
MOR.	ATTN: Ryan Seib	Test Start: 2021.12.19 @ 22:31:16
GENERAL INFORMATION:	•	
Formation:Ft ScottDeviated:NoWhipstockTime Tool Opened:01:16:03Time Test Ended:10:03:03	ft (KB)	Test Type:Conventional Straddle (Reset)Tester:Kevin WebsterUnit No:72
Interval:4415.00 ft (KB) ToTotal Depth:4650.00 ft (KB)Hole Diameter:7.78 inchesh		Reference Elevations:         2587.00         ft (KB)           2579.00         ft (CF)           KB to GR/CF:         8.00         ft
Serial #: 6755           Press@RunDepth:         psi           Start Date:         2021.12.1           Start Time:         10:55:0		Capacity: psig 2021.12.19 Last Calib.: 2021.12.19 22:26:47 Time On Btm: Time Off Btm:
30 FSI- Retur	s built to 64" s soon as open ns built to 56" GTS	
Pressure v	s. Time 675 Temperature	PRESSURE SUMMARY Time Pressure Temp Annotation
93nDc.221		Time Pressure Temp Annotation (Min.) (psig) (deg F)
Recover	y	Gas Rates
Length (ft) Description	Volume (bbl)	Choke (inches) Pressure (psig) Gas Rate (Mct/d)
1023.00         50% oil 50% gas           124.00         40% oil 60% mud	14.35 1.74	
* Recovery from multiple tests		
Trilobite Testing, Inc	Ref. No: 67971	Printed: 2021.12.24 @ 12:48:48

Trilobite Testing, Inc

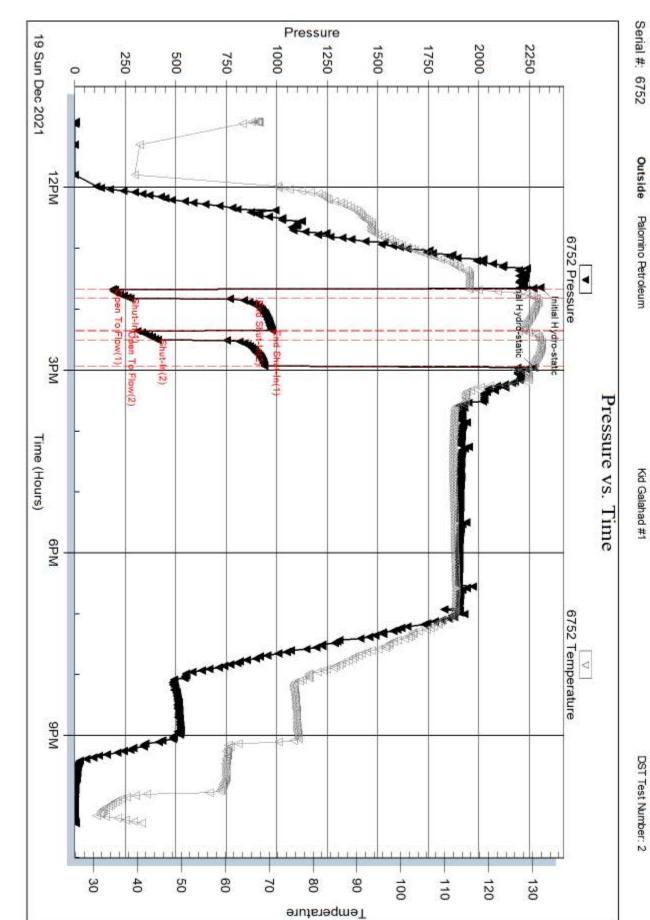
RILOE			o Petroleum			16-16s-25w Ness,KS	;
EST	TING , INC	4924 SI	∃84th St			Kid Galahad #1	
			, KS 67114			Job Ticket: 67971	DST#:2
137		ATTN:	Ryan Seib			Test Start: 2021.12.19 @	-
Tool Information							
Drill Pipe: Length:	4383.00 ft	Diameter:	3.80 i	nches Volume:	61.48 bb	I Tool Weight:	2000.00 lb
Heavy Wt. Pipe: Length:	0.00 ft	Diameter:	0.00 i	nches Volume:	0.00 bb		: 25000.00 lb
Drill Collar: Length:	0.00 ft	Diameter:	0.00 i	nches Volume:	0.00 bb	_ 0	
Drill Pipe Above KB:	20.00 ft			Total Volume:	61.48 bb		0.00 ft
Depth to Top Packer:	4415.00 ft					String Weight: Initial Final	59000.00 lb 62000.00 lb
Depth to Bottom Packer:	4456.00 ft					Filla	d2000.00 b
Interval betw een Packers:	41.00 ft						
Tool Length:	306.00 ft		_				
Number of Packers: Tool Comments:	2	Diameter:	6.75 i	nches			
			<b>•</b> • • • •				
Tool Description Shut In Tool	Lei	<b>ngth (ft)</b> 5.00	Serial No.	Position	<b>Depth (ft)</b> 4368.00	Accum. Lengths	
Hydraulic tool		5.00			4373.00		
Jars		5.00			4378.00		
Safety Joint		3.00			4381.00		
Packer - Shale		4.00			4385.00		
Stubb		1.00			4386.00		
Perforations		25.00			4411.00		
Packer		4.00			4415.00	52.00	Bottom Of Top Packe
Stubb		1.00			4416.00		
Recorder		0.00	6752	Outside	4416.00		
Recorder		0.00	8365	Outside	4416.00		
Perforations		40.00			4456.00		
Packer		5.00			4461.00	41.00	Tool Interva
Packer		4.00			4465.00		
Stubb		1.00			4466.00		
Blank Spacing		1.00			4467.00		
Change Over Sub		1.00			4468.00		
Drill Pipe		189.00			4657.00		
Change Over Sub		1.00			4658.00		
-		8.00	6572	Dolour	4666.00		
Perforations			nn///	Below	4666.00		
Perforations Recorder Bullnose		0.00 3.00	0072		4669.00	213.00 Bo	ttom Packers & Anchor

	RILOBITE ESTING , INC	ואט	LL STEM TEST REPOR			FLUID SUM	MAR
新	Trotulo	Palomir	no Petroleum	16-16s-25	w Ness,KS		
	ESTING, INC.		E 84th St n, KS 67114	Kid Galal		DCT#- 2	
W.		ATTN:	Ryan Seib	Job Ticket: ( Test Start: 2	67971 2021.12.19 @ 22	<b>DST#:2</b> 2:31:16	
lud and Cu	shion Information						
	el Chem		Cushion Type:		Oil API:	de	g API
lud Weight:	10.00 lb/gal		Cushion Length:	ft	Water Salinity:		om m
iscosity:	48.00 sec/qt		Cushion Volume:	bbl	Mator Calling.	24	
Vater Loss:	6.39 in <sup>3</sup>		Gas Cushion Type:	221			
esistivity:	ohm.m		Gas Cushion Pressure:	psig			
alinity:	2500.00 ppm			P9			
ilter Cake:	inches						
Recovery In	formation						
	· · · · · · · · · · · · · · · · · · ·		Recovery Table	1	-		
	Leng ft	th	Description	Volume bbl			
	1	023.00	50% oil 50% gas	14.35	0		
		124.00	40% oil 60% mud	1.73	_		
	Total Length:	1147	.00 ft Total Volume: 16.089 bbl				
	Num Fluid Samp	oles: 0	Num Gas Bombs: 0	Serial #	<b></b>		
	Laboratory Nan		Laboratory Location:				
	D						
	Recovery Com	ments: 2#	LCM				
	Recovery Com	ments: 2#	LCM				
	Recovery Com	nents: 2#	LCM				
	Recovery Com	nents: 2#	LCM				
	Recovery Com	ments: 2#	<sup>2</sup> LCM				
	Recovery Com	ments: 2#	<sup>2</sup> LCM				
	Recovery Com	ments: 2#	<sup>2</sup> LCM				
	Recovery Com	ments: 2#	έLCM				
	Recovery Com	ments: 2#	έLCM				
	Recovery Com	ments: 2#	4LCM				
	Recovery Com	nents: 2#	έLCM				
	Recovery Com	ments: 2#	4LCM				
	Recovery Com	ments: 2#	έLCM				
	Recovery Com	ments: 2#	<sup>4</sup> LCM				
	Recovery Com	ments: 2#	άLCΜ				
	Recovery Com	ments: 2#	4LCM				
	Recovery Com	ments: 2#	4LCM				
	Recovery Com	ments: 2#	4LCM				
	Recovery Com	ments: 2#	4LCM				

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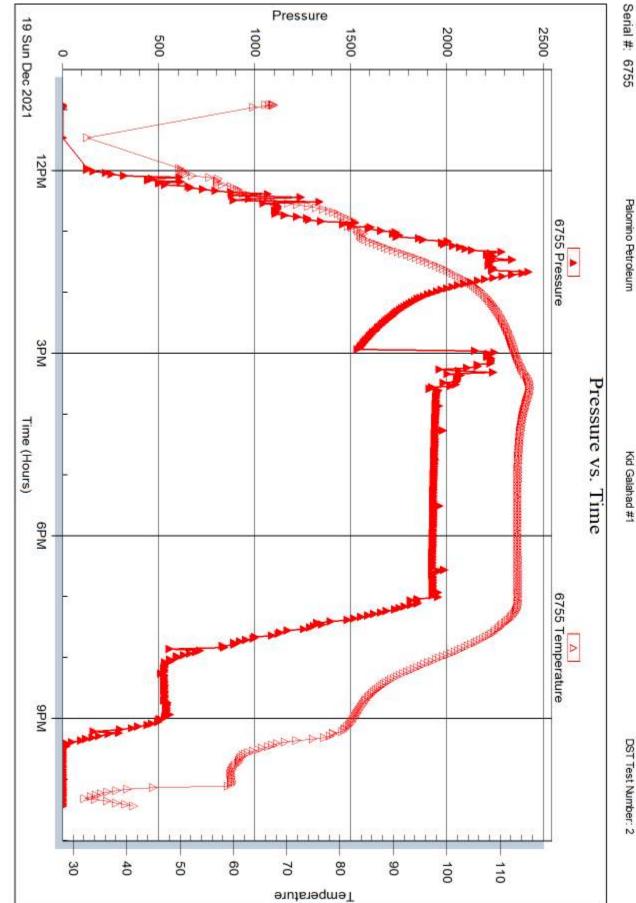
Ref. No: 67971





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Ref. No: 67971



Palomino Petroleum

Kid Galahad #1

DST Test Number: 2

7	LOBITE ESTING INC. Commerce Parkway • Hays, Kansas 676	NO	<b>t Ticket</b> 67970
Well Name & No. <u>M.C.</u> Company <u>PA IM</u> Address <u>49775E</u> Co. Rep / Geo. <u>Ryan</u> Location: Sec. <u>6</u> Interval Tested <u>4454</u>	Galahad #/ <u>AO PETIOLENM</u> <u>SGUTH ST NEWTANK</u> <u>SGUTH</u> <u>Twp 165 Rge. 254</u> <u>-4544</u> Zone Tested	Test No Elevation5 8 7 RigNUMKP RigNUMKP CoVess M_155.	_Date <u>124 18/2/</u> _KB <u>2579</u> GL <del>#2_</del> State <u>K</u>
Anchor Length Top Packer Depth Bottom Packer Depth Total Depth	Y     Y     Y     Pipe Run       Y     Y     Y     Drill Collars Run       Y     Y     Y     Wt. Pipe Run       Y     Y     Y     Y	0	Mud Wt Vis WL LCM / <del>/ /</del>
Blow Description $\overline{FF}$ $\overline{FF}$ $\overline{VY''}$ $\overline{FF}$ $\overline{FF}$ $\overline{VSF}$ $\overline{FSF}$ $\overline{FSF}$	WSB bab 15min Peturn bab 20min		
Rec         186         Feet of           Rec         124         Feet of           Rec         Feet of         Feet of		100 %gas %oil 15 %gas 45 %oil 375 %gas 15 %oil %gas %oil	%water     %mud       %water     Y @%mud       %water     D %mud       %water     %mud
Rec Feet of Rec Total /// (A) Initial Hydrostatic / (B) First Initial Flow 5	.17	T-On Lo	00152
<ul> <li>(C) First Final Flow <u>126</u></li> <li>(D) Initial Shut-In <u>16</u></li> <li>(E) Second Initial Flow <u>17</u></li> <li>(F) Second Final Flow <u>18</u></li> </ul>	Salety Solidit           Salety Solidit	T-Pulleo T-Out	14:16 16:45
(G) Final Shut-In (H) Final Hydrostatic Initial Open	261   Sampler     261   Straddle     Shale Packer	Q EM	Tool
Initial Shut-In <u>30</u> Final Flow <u>30</u> Final Shut-In <u>30</u>		C Ext Sub To Total	ned Packer           ra Copies           tal           0           1865           ST Disc't
Approved By		ur Representative Kevil	Webster

	RILOBITE		Tes	t Ticket
ALL OF AL	ESTING INC. 1515 Commerce Parkway	Hays, Kansas 67601	NO.	67970
Well Name & No. // Company_/A/ Address49.24 Co. Rep / GeoA Location: Sec Interval Tested44 Anchor Length Top Packer Depth Bottom Packer Depth Total Depth Blow Description F  FW	hid Galahad Mino Petrole SE84th ST J Jan Seib 6 Two 165 54-4549 4549 4549 F-WS6 bas F-WS6 bas Sb bab 2	Ventan KS	<u>3</u> 7	DateGL 7KBGL 7KBGL 7KBGL 7KBGL 7KBGL 7
FST- Rec. <del>724</del> Rec. <u>786</u> Rec. <u>724</u>	Feet of	100 15	%gas %oil %gas 45%oil %gas 15%oil	%water %mu %water 4.9%mu %water 50.%mu
Rec Rec Total (A) Initial Hydrostatic (B) First Initial Flow (C) First Final Flow (D) Initial Shut-In (E) Second Initial Flow (F) Second Final Flow (G) Final Shut-In (H) Final Hydrostatic	59 126 105 136 182 1019	Gravity API R Gravity API R Gravity 1450 Jars 250 Safety Joint75 Circ Sub Hourly Standby Mileage API Sampler Straddle Shale Packer	T-On L T-Star T-Ope T-Pulk T-Out T-Out Comr	ed 14:16
Initial Open <u>30</u> Initial Shut-In <u>30</u> Final Flow <u>30</u> Final Shut-In <u>30</u>		<ul> <li>Extra Packer</li> <li>Extra Recorder</li> <li>Day Standby</li> <li>Accessibility</li> <li>Sub Total</li> <li>Our Rep</li> </ul>	C E Sub Total	tuined Packer           Extra Copies           Total