

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1271544

Form ACO-1
August 2013
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. 15				
Name:			Spot Description:				
Address 1:			SecTwpS. R				
Address 2:			F6	eet from North /	South Line of Section		
City:	State: Z	ip:+	Fe	eet from East /	West Line of Section		
Contact Person:			Footages Calculated from I	Nearest Outside Section C	Corner:		
Phone: ()			□ NE □ NW	V □SE □SW			
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:	W	/ell #:		
	e-Entry	Workover	Field Name:				
	_		Producing Formation:				
☐ Oil ☐ WSW ☐ D&A	☐ SWD	∐ SIOW □ SIGW	Elevation: Ground:	Kelly Bushing:	:		
	GSW	Temp. Abd.	Total Vertical Depth:	Plug Back Total C	Depth:		
CM (Coal Bed Methane)	dow	Temp. Abd.	Amount of Surface Pipe Se	et and Cemented at:	Feet		
☐ Cathodic ☐ Other (Co	ore, Expl., etc.):		Multiple Stage Cementing	Collar Used? Yes	No		
If Workover/Re-entry: Old Well I			If yes, show depth set:		Feet		
Operator:			If Alternate II completion, c	cement circulated from:			
Well Name:			feet depth to:	w/	sx cmt.		
Original Comp. Date:							
Deepening Re-perf	•	NHR Conv. to SWD	Drilling Fluid Managemer	nt Plan			
☐ Plug Back	Conv. to G		(Data must be collected from the				
Commingled	Pormit #:		Chloride content:	ppm Fluid volume	e: bbls		
Dual Completion			Dewatering method used: _				
SWD			Location of fluid disposal if	hauled offsite			
☐ ENHR			1				
GSW Permit #:			Operator Name:				
_ <del>_</del>			Lease Name:	License #:_			
Spud Date or Date R	eached TD	Completion Date or	Quarter Sec	TwpS. 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								
Geologist Report Received								
UIC Distribution								
ALT I II III Approved by: Date:								

Page Two



Operator Name:				_ Lease l	Name: _			Well #:		
Sec Twp	S. R	East V	West	County	:					
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in pres o surface test, along	sures, whether s with final chart(	shut-in pre s). Attach	ssure reac extra shee	hed stati t if more	c level, hydrosta space is neede	itic pressures, bot d.	tom hole temp	erature, flui	d recovery,
Final Radioactivity Lo- files must be submitte						gs must be ema	ailed to kcc-well-lo	gs@kcc.ks.go	v. Digital el	ectronic log
Drill Stem Tests Taker (Attach Additional S		Yes	No				on (Top), Depth ar			mple
Samples Sent to Geo	logical Survey	Yes	☐ No		Nam	e		Тор	Da	tum
Cores Taken Electric Log Run		☐ Yes ☐ Yes	☐ No ☐ No							
List All E. Logs Run:										
			CASING		☐ Ne					
	0: 11-1-	· ·				ermediate, product		# O	T	d Damasat
Purpose of String	Size Hole Drilled	Size Cas Set (In O		Weig Lbs. /		Setting Depth	Type of Cement	# Sacks Used		d Percent itives
		AD	DITIONAL	CEMENTIN	NG / SQL	JEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Ce	ement	# Sacks	Used		Type and F	ercent Additives		
Perforate Protect Casing										
Plug Back TD Plug Off Zone										
Did you perform a hydrau	•					Yes	No (If No, ski	p questions 2 ar	nd 3)	
Does the volume of the to							= :	p question 3)	of the ACO	()
Was the hydraulic fractur	ing treatment information	on submitted to the	e chemicai d	isciosure re	gistry?	Yes	No (If No, fill	out Page Three	or the ACO-1	<i>)</i> 
Shots Per Foot		ION RECORD - I Footage of Each I					cture, Shot, Cement mount and Kind of Ma		d	Depth
TUBING RECORD:	Size:	Set At:		Packer A	i:	Liner Run:	Yes No			
Date of First, Resumed	Production, SWD or Ef	NHR. Prod	ducing Meth	ıod:		1				
			Flowing	Pumpin	g	Gas Lift C	Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er B	bls. (	Gas-Oil Ratio		Gravity
DISPOSITIO	ON OF GAS:		M	METHOD OF	COMPLE	ETION:		PRODUCTION	ON INTERVA	
Vented Sold		Open		Perf.	Dually	Comp. Cor	mmingled			
	bmit ACO-18.)		(Specify)		(Submit )	ACO-5) (Sub	mit ACO-4)			

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	H3 1
Doc ID	1271544

### All Electric Logs Run

Compensated Density Neutron
Micro Resistivity
Dual Induction
Borehole Compensated Sonic

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	H3 1
Doc ID	1271544

### Tops

Name	Тор	Datum
Anhy.	1807	(+714)
Base Anhy.	1846	(+675)
Heebner	3856	(-1335)
ВКС	4224	(-1703)
Marmaton	4280	(-1759)
Ft. Scott	4410	(-1889)
Miss.	4509	(-1988)
LTD	4650	(-2129)



### QUALITY OILWELL CEMENTING, INC.

PO Box 32 - 740 West Wichita Ave, Russell KS 67665 Phone:785-324-1041 fax:785-483-1087 Email: cementing@ruraltel.net



0CT 2 2015 Date: 10/20/2015 Invoice # 1996 1852

P.O.#:

Due Date: 11/19/2015 Division: Russell

## Invoice

Contact:

Palomino Petroleum Inc Address/Job Location: Palomino Petroleum Inc 4924 SE 84th Newton Ks 67114

Reference:

H 3 1

Description of Work:

Services / Items Included:

SURFACE JOB

Services / Items included.	Quantity	Price	Taxable	item	Quantity	Price	Taxable
Labor		\$ 606.13	No				
Common-Class A	120	\$ 1,652.19	Yes				1
Calcium Chloride	6	\$ 276.99	Yes				
POZ Mix-Standard	30	\$ 174.18	Yes				
Bulk Truck Matl-Material Service Charge	159	\$ 131.88	No				
Pump Truck Mileage-Job to Nearest Camp	11	\$ 50.18	No				
Premium Gel (Bentonite)	3	\$ 40.51	Yes				
Bulk Truck Mileage-Job to Nearest Bulk Plant	11	\$ 31.93	No				
Invoice Terms:					SubTotal:	\$ 2,963.99	
Nat 20		Diago		Johla ONI V if Invalor is Daid	0		

 Net 30
 Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice:
 \$ (74.10)

 SubTotal for Taxable Items: \$ 2,090.27

 SubTotal for Non-Taxable Items: \$ 799.62

 Total: \$ 2,889.89

 7.50% Ness County Sales Tax
 Tax: \$ 156.77

Thank You For Your Business! Amount Due: \$ 3,046.66

Applied Payments:

Balance Due: \$ 3,046.66

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

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# QUALITY OILWELL CEME TING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025 Cell 785-324-1041 Home Office P.O. Box 32 Russell, KS 67665

No. 1852

Sec.	Twp. Range	1	County	State	On Location	Finish	
Date 10-20-15 5	19 25	No	· <b>S</b> \$	K5		1-30 FM	
	14 14 <u>14 14 14 14 14 14 14 14 14 14 14 14 14 1</u>	1	on Ness	City &W	1/25 /W 5	on Trail	
Lease $\mu_3$	Well No. ♯ /	· · · · · · · · · · · · · · · · · · ·	Owner			-	
Contractor WW			To Quality Oi	lwell Cementing, Inc.	cementing equipment	and furnish	
Type Job Surface	Note: The state of		cementer and	d helper to assist owr	ner or contractor to do	work as listed.	
Hole Size 1) 14	T.D. 216'		Charge Po	lomino Pet	broleum		
Csg. 8 5/8	Depth 216		Street		englis i jaron kanalanda kanalanda kanalanda kanalanda kanalanda kanalanda kanalanda kanalanda kanalanda kanal <del>Manalanda kanalanda kanalanda kanalanda kanalanda kanalanda kanalanda kanalanda kanalanda kanalanda kanalanda</del>		
Tbg. Size	Depth		City		State	• • • • • • • • • • • • • • • • • • • •	
Tool	Depth		The above wa		nd supervision of owner		
Cement Left in Csg. 10 '	Shoe Joint		Cement Amo	ount Ordered 150	com 3% c	c 2% Gel	
Meas Line	Displace /3 66/						
EQUIPM	IENT		Common /	<i></i>			
	avis		Poz. Mix 3	D			
Bulktrk 15 No. Driver B. H.			Gel. 3	-			
Bulktrk PU No. Driver Driver	FF		Calcium 6				
JOB SERVICES	& REMARKS		Hulls				
Remarks:			Salt	· .			
Rat Hole	**************************************		Flowseal				
Mouse Hole			Kol-Seal				
Centralizers			Mud CLR 48				
Baskets			CFL-117 or CD110 CAF 38				
D/V or Port Collar			Sand				
		À	Handling /	<u> 59                                    </u>	· · · · · · · · · · · · · · · · · · ·		
			Mileage				
				FLOAT EQUIPM	ENT		
			Guide Shoe				
			Centralizer				
			Baskets			-	
Cement			AFU Inserts				
		<u> </u>	Float Shoe				
	**************************************		Latch Down				
- Circula	ted!		000 000000			: : : : : : : : : : : : : : : : : : :	
			Pumptrk Cha	arge Surface	<u> </u>		
			Mileage //	*	Tax		
$$ $\eta$ $\eta$		2 M 2 G	en ger of the con-				
V //////					Discount		
Signature ship con			January Communication		Total Charge		



# QUALITY OILWELL CEMENTING, INC. PO Box 32 - 740 West Wichita Ave, Russell KS 67665

PO Box 32 - 740 West Wichita Ave, Russell KS 67665 Phone:785-324-1041 fax:785-483-1087 Email: cementing@ruraltel.net

### RECTIVED

OCT 3 0 2015

Date: 10/27/2015

Invoice # 1647

P.O.#:

Due Date: 11/26/2015 Division: Russell

## Invoice

Contact:

Palomino Petroleum Inc Address/Job Location: Palomino Petroleum Inc 4924 SE 84th Newton Ks 67114

Reference:

H 3 1

Description of Work:

PLUG JOB

Services / Items Included:	Quantity	Price	Taxable	ltem -	Quantity	Price	Taxable
Labor		\$ 606.13	Yes				
Common-Class A	138	\$ 1,900.02	Yes				
POZ Mix-Standard	92	\$ 534.14	Yes				
Bulk Truck Matl-Material Service Charge	238	\$ 197.40	Yes				
Premium Gel (Bentonite)	8	\$ 108.02	Yes				Į.
Flo Seal	57	\$ 94.55	Yes				
Pump Truck Mileage-Job to Nearest Camp	11	\$ 50.18	Yes				
Bulk Truck Mileage-Job to Nearest Bulk Plant	11	\$ 31.93	Yes				
Invoice Terms:					SubTotal:	\$ 3.522.38	

Invoice Terms:		SubTotal:	\$ 3,522.38
Net 30	Discount Available <u>ONLY</u> if Invoice is within listed	Paid & Received terms of invoice:	\$ (88.06)
	SubTo	tal for Taxable Items:	\$ 3,434.32
	SubTotal for	r Non-Taxable Items:	\$ _
		Total:	\$ 3,434.32
	7.50% Ness County Sales Tax	Tax:	\$ 257.57
Thank You For Your Business!		Amount Due:	\$ 3,691.89

**Applied Payments:** 

Balance Due: \$ 3,691.89

Past Due Invoices are subject to a service charge (annual rate of 24%) This does not include any applicable taxes unless it is listed. ©2008-2013 Straker Investments, LLC. All rights reserved.

# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025 Cell 785-324-1041 Home Office P.O. Box 32 Russell, KS 67665

No. 1647

Cell 703-324-1041								<del></del>
	Sec.	Twp.	Range		County	State	On Location	Finish
Date 10-27-15	5	19	<u> </u>	N	655	h.s.		11.000 m
11.2				Location	on Ness	City, Ks -	8W to 2	5 Rd , 1/25
Lease H 3		V	Vell No.		Owner い	15 Follo	w trail to	Ria 4.9 mile
Contractor WW	12				You are here	oilwell Cementing, Inc eby requested to rent	cementing equipmen	it and furnish
Type Job Plucy					cementer ar	nd helper to assist ow	ner or contractor to d	o work as listed.
Hole Size	7/811	T.D.	4650		Charge To	alamino	Ketroleum	
Csg.		Depth			Street			
Tbg. Size 45" D	1.P.	Depth	1860,		City		State	
Tool		Depth			The above wa		and supervision of owner	
Cement Left in Csg.		Shoe Jo	oint		Cement Am	ount Ordered $230$	5x 60/40 4	1% Gel 94AF/6 x
Meas Line		Displace	= 420/mi	<u> </u>				
	EQUIPM	ENT			Common	38	1.	
Pumptrk 0 Helpe		auis			Poz. Mix	72		
Bulktrk 9 No. Driver	r K, U	ć			Gel.			
Bulktrk D.U., No. Driver		aja			Calcium			
JOB SE	RVICES			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Hulls			
Remarks: 18	<u>60' -</u>	- 5	5 5 X		Salt			
Rat Hole /0	201-	80	15%		Flowseal 5	174		
Mouse Hole 2	70/-	50	SX		Kol-Seal			
Centralizers 6	0/-	20	5 SX		Mud CLR 4	8		
Baskets K	athol	و سن	30 J X		CFL-117 or	CD110 CAF 38		
D/V or Port Collar		1600000			Sand			
Comen	di	J (	Circula	te a	Handling 2	3 <i>8</i>	<u> </u>	<u> </u>
					Mileage			
						FLOAT EQUIP	/ENT	<u> </u>
					Guide Shoe	)	<u> </u>	
					Centralizer			
					Baskets			
					AFU Inserts	S		
					Float Shoe			
					Latch Dowr	1	*****	
						<u> </u>		
	***							
•					Pumptrk Cl	narge Plug		·
					Mileage //			
							Tax	
	16/	/	X-	Notice of			Discoun	
X Signature	Ma	nel	Le)				Total Charge	9
	1							

# **DIAMOND TESTING**

#### General Information Report

#### **General Information**

Company Name Contact Well Name Unique Well ID Surface Location	PALOMINO PETROLEUM, INC. KLEE WATCHOUS H3 #1 DST #1, MISSISSIPPIAN, 4434-4523 SEC 5-19S-25W, NESS CO. KS.	Representative Well Operator Report Date Prepared By	TIM VENTERS PALOMINO PETROLEUM, INC. 2015/10/26 TIM VENTERS
Field Well Type Test Type Formation Well Fluid Type	WILDCAT Vertical CONVENTIONAL DST #1, MISSISSIPPIAN 01 Oil	Qualified By	AARON YOUNG
Start Test Date Final Test Date	2015/10/26 2015/10/26	Start Test Time Final Test Time	01:51:00 10:49:00

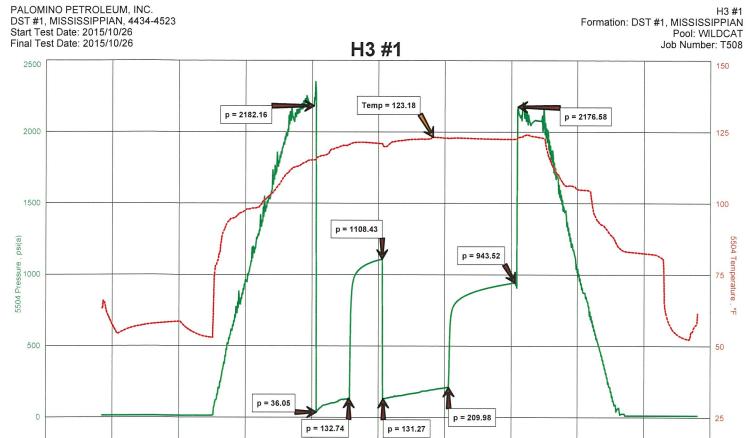
#### Test Recovery:

**RECOVERED: 175' GAS IN PIPE** 

160' GO, 3% GAS, 97% OIL, GRAVITY: 38 110' G,OCM, 5% GAS, 29% OIL, 66% MUD 185' G,HMCO, 13% GAS, 52% OIL, 35% MUD 455' TOTAL FLUID

TOOL SAMPLE: 10% GAS, 35% OIL, 55% MUD

PALOMINO PETROLEUM, INC. DST #1, MISSISSIPPIAN, 4434-4523



6:00

5504 Time

7:00

8:00

9:00

10:00

11:00



2:00

3:00

4:00

5:00

-500

1:00 2015/10/26

### **DIAMOND TESTING**

P.O. Box 157 HOISINGTON, KANSAS 67544 (800) 542-7313

### DRILL-STEM TEST TICKET

FILE: H31DST1

TIME ON: 01:51
TIME OFF: 10:49

Company PALOMINO PETROLEUM, IN	C	Lease & Well No. H3	#1	
Contractor WW DRILLING, LLC RIG #12				
Elevation2521 KB Formation				
Date 10-26-15 Sec. 5 Twp.				
Test Approved By AARON YOUNG		_ Diamond Representativ	eTIMOTH	Y T. VENTERS
Formation Test No. 1 Interval Teste	ed from44	134 ft. to	4523 <sub>ft.</sub> Total Dep	th4523 ft.
Packer Depthft. Size6	3/4 in.	Packer depth	ft.	Size 6 3/4 in.
	3/4 in.	Packer depth	ft.	Size 6 3/4 in.
Depth of Selective Zone Set				
Top Recorder Depth (Inside)	4415 <sub>ft.</sub>	Recorder Number	5504 Cap	5,000 P.S.I.
Bottom Recorder Depth (Outside)	4520 <sub>ft.</sub>	Recorder Number	11029 <sub>Cap</sub>	5,025 P.S.I.
Below Straddle Recorder Depth	ft.	Recorder Number		P.S.I.
Mud Type CHEMICAL Viscosity	51	Drill Collar Length	122 <sub>ft.</sub> (	.D. <u>2 1/4</u> in
Weight 9.6 Water Loss	9.2cc.	Weight Pipe Length_	0 <sub>ft.</sub>	I.D. <u>2 7/8</u> ir
Chlorides	3,400 P.P.M.	Drill Pipe Length		
Jars: Make STERLING Serial Number	2	Test Tool Length	33 <sub>ft.</sub>	Tool Size 3 1/2-IF in
Did Well Flow? NO Reversed Out_	NO	Anchor Length	26 <sub>ft.</sub>	Size <u>4 1/2-FH</u> ir
Main Hole Size 7 7/8 Tool Joint Size	4 1/2 XH in.	63' DP IN ANCHOR Surface Choke Size	1 in.	Bottom Choke Size 5/8 ir
Blow: 1st Open: WEAK 1/2 INCH BLOW	, BUILDING,	REACHING BC	B 27 MIN.	(NO BB)
2nd Open: WEAK SURFACE BLOW	, BUILDING, F	REACHING BOB	24 MIN.	(NO BB)
Recovered 175 ft. of GAS IN PIPE				
Recovered 160 ft. of GO, 3% GAS, 97% OIL	, GRAVITY: 38			
Recovered 110 ft. of G,OCM, 5% GAS, 29	% OIL, 66% MUI	)		
Recovered 185 ft. of G,HMCO, 13% GAS,	52% OIL, 35% N	MUD		
Recovered 455 ft. of TOTAL FLUID			Price	Job
Recoveredft. of	Other	Other Charges		
Remarks:			Insur	ance
TOOL SAMPLE: 10% GAS, 35% OIL, 55% MUD			Total	
Time Set Packer(s) 5:03 AM P.M.	ime Started Off Bo	8:03 AM	A.M. P.M. Maximum	Temperature 123 deg.
Initial Hydrostatic Pressure		(A)	2182 P.S.I.	
Initial Flow Period Minute		(B)	36 P.S.I. to (C)_	133 <sub>P.S.I.</sub>
Initial Closed In Period		(D)	1108 P.S.I.	
Final Flow Period Minute	es 60	(E)	131 P.S.I. to (F)	210 <sub>P.S.I.</sub>
Final Closed In PeriodMinute	s60	(G)	944 P.S.I.	
Final Hydrostatic Pressure		/H)	2177 <sub>P.S.I.</sub>	

Diamond Testing shall not be hable for damages of any kind to 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 statement or opinion concerning the result of any test. Tools tost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

# DIAMOND TESTING

#### General Information Report

#### **General Information**

PALOMINO PETROLEUM, INC. Company Name Representative **TIM VENTERS** Contact **KLEE WATCHOUS** Well Operator PALOMINO PETROLEUM, INC. Well Name 2015/10/27 H3 #1 Report Date **DST #2, MISSISSIPPIAN, 4520-4531** Unique Well ID Prepared By TIM VENTERS SEC 5-19S-25W, NESS CO. KS. Surface Location Field WILDCAT **Qualified By AARON YOUNG** Well Type Test Type CONVENTIONAL DST #2, MISSISSIPPIAN, 4520-4531 Formation Well Fluid Type 01 Oil Start Test Date 2015/10/26 Start Test Time 17:18:00 **Final Test Date** 2015/10/27 **Final Test Time** 01:21:00

#### Test Recovery:

RECOVERED: 125' SMCO, 98% OIL, 2% MUD

20' O&MCW, 22% OIL, 52% WATER, 26% MUD 170' SO&MCW, 4% OIL, 85% WATER, 11% MUD

315' TOTAL FLUID

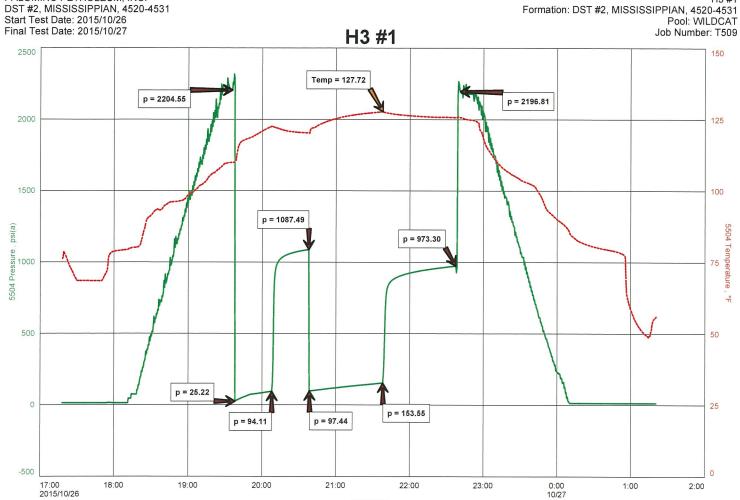
TOOL SAMPLE: 50% OIL, 32% WATER, 18% MUD

CHLORIDES: 15,000 ppm

PH: 7.0

RW: .57 @ 65 deg.

PALOMINO PETROLEUM, INC. DST #2, MISSISSIPPIAN, 4520-4531



5504 Time



H3 #1

### **DIAMOND TESTING**

P.O. Box 157 HOISINGTON, KANSAS 67544 (800) 542-7313

### DRILL-STEM TEST TICKET

FILE: H31DST2

TIME ON: 17:18 10-26-15

TIME OFF: 01:21 10-27-15

Comparator   Management   Man			LE: <u>H31DS</u>	12					
	Company PALOMINO PETROL	EUM, INC.		_Lease & Well No.	H3 #1				
Table   10-26-15   Sec   5   Tupl   Signage   25 W County   MESS   Maje   MANASA   Maje   M	Contractor WW DRILLING, LLC RIG #12 Charge to PALOMINO PETROLEUM, INC.								
Table   Tabl	Elevation 2521 KB Form	ationMIS	SISSIPPIA	N <sub>Effective Pay</sub>		Ft. Ti	icket No	T509	
Prometion Test No.	Date 10-26-15 Sec. 5	Twp	19 S Ra	ange	25 W County_	NES	S State_	KANSAS	
Packer Depth	Test Approved By AARON YOUNG			_ Diamond Represent	ativeT	IMOTHY	T. VENTERS	3	
Packer Depth	Formation Test No. 2	nterval Tested from_	45	20 <sub>ft. to</sub>	4531 <sub>ft. To</sub>	otal Depth		4531 ft.	
Popth of Selective Zone Set	Packer Depth4515 ft.	Size 6 3/4	in.	Packer depth		ft. Siz	ze <u>6 3/4</u>	in.	
Top Recorder Depth (Inside)   4501 ft.   Recorder Number   5504 Cap.   5,000 p. St.	Packer Depth 4520 ft.	Size 6 3/4	in.	Packer depth		ft. Siz	te <u>6 3/4</u>	in.	
Section   Recorder Depth   Outside   Recorder Number   11025   Cap   S025   P.S.I.	Depth of Selective Zone Set								
Parameter   Para	Top Recorder Depth (Inside)		4501 <sub>ft.</sub>	Recorder Number	55	04 Cap	5,00	<u>0</u> P.S.I.	
P.S.    Mud Type	Bottom Recorder Depth (Outside)		4528 <sub>ft.</sub>	Recorder Number	110	29_Cap	5,02	<sup>5</sup> _P.S.I.	
Weight	Below Straddle Recorder Depth		ft.						
Chlorides	Mud Type CHEMICAL Viscosi	ty48		Drill Collar Length	12	2 <u>2</u> ft. I.D.	2 1/	4 in.	
STERLING   STERLING   Serial Number   2   Test Tool Length   33 ft.   Tool Size   3 1/2-FF   In Did Well Flow?   NO   Reversed Out   NO   Anchor Length   11 ft.   Size   4 1/2-FH   In Main Hole Size   7 7/8   Tool Joint Size   4 1/2 XH   In Surface Choke Size   1	Weight 9.5 Water Loss	s9.2	cc.	Weight Pipe Lengt	th	0_ft. I.D	2 7/	8in	
Did Well Flow?   NO	Chlorides	4,900	P.P.M.	Drill Pipe Length _	436	65 ft. I.D.	3 1/	2 in	
Main Hole Size	Jars: Make STERLING Serial Nu	umber2	2	Test Tool Length_		33 <sub>ft.</sub> Too	ol Size3 1/	2-IF in	
St. Open: WEAK SURFACE BLOW, BUILDING TO 8 1/2 INCHES. (NO BB)	Did Well Flow? NO Rev	versed Out	NO	Anchor Length		11_ft. Siz	e 4 1/	2-FH in	
2nd Open: WEAK SURFACE BLOW, BUILDING, REACHING BOB 54 MIN. (NO BB)   Recovered	Main Hole Size 7 7/8 Too	ol Joint Size 4 1/2	2 XH in.	Surface Choke Siz	ze1	in. Bot	ttom Choke Si	ze 5/8 in	
Recovered	Blow: 1st Open: WEAK SURFA	CE BLOW, BL	JILDING	TO 8 1/2 INC	CHES.		(NO BB	)	
Recovered         20 ft. of O&MCW, 22% OIL, 52% WATER, 26% MUD           Recovered         170 ft. of SO&MCW, 4% OIL, 85% WATER, 11% MUD           Recovered         315 ft. of TOTAL FLUID           Recovered         ft. of ft. of PH: 7.0         Price Job           Recovered         ft. of PH: 7.0         Other Charges           Remarks:         RW: .57 @ 65 deg.         Insurance           TOOL SAMPLE: 50% OIL, 32% WATER, 18% MUD         Total           Time Set Packer(s)         7:38 PM         A.M. P.M. Time Started Off Bottom         10:38 PM         A.M. P.M. Maximum Temperature         128 deg.           Initial Hydrostatic Pressure         (A)         2205 P.S.I.         Initial Flow Period         Minutes         30 (B)         25 P.S.I. to (C)         94 P.S.I.           Final Flow Period         Minutes         30 (D)         1087 P.S.I.         154 P.S.I.           Final Flow Period         Minutes         60 (E)         97 P.S.I. to (F)         154 P.S.I.           Final Hydrostatic Pressure         Minutes         60 (G)         973 P.S.I.           Final Hydrostatic Pressure         (H)         2197 P.S.I.	2nd Open: WEAK SURFAC	E BLOW, BUIL	DING, R	EACHING BO	B 54 MIN.		(NO BB)	1	
Recovered	Recovered 125 ft. of SMCO, 98%	OIL, 2% MUD, GF	RAVITY: 35						
Recovered   315   Ft. of   TOTAL FLUID	Recovered 20 ft. of O&MCW, 22	2% OIL, 52% WATE	ER, 26% MI	סר					
CHLORIDES: 15,000 ppm         Price Job           Recovered         ft. of         PH: 7.0         Other Charges           Remarks:         RW: .57 @ 65 deg.         Insurance           TOOL SAMPLE: 50% OIL, 32% WATER, 18% MUD         Total           Time Set Packer(s)         7:38 PM         A.M. P.M. Time Started Off Bottom         10:38 PM         A.M. P.M. Maximum Temperature         128 deg.           Initial Hydrostatic Pressure         (A)         2205 P.S.I.           Initial Flow Period         Minutes         30 (B)         25 P.S.I. to (C)         94 P.S.I.           Initial Closed In Period         Minutes         60 (E)         97 P.S.I. to (F)         154 P.S.I.           Final Closed In Period         Minutes         60 (G)         973 P.S.I.           Final Hydrostatic Pressure         (H)         2197 P.S.I.	Recovered 170 ft. of SO&MCW	, 4% OIL, 85% W	ATER, 119	6 MUD	***************************************				
Recovered ft. of PH: 7.0         Other Charges           Remarks:         RW: .57 @ 65 deg.         Insurance           TOOL SAMPLE: 50% OIL, 32% WATER, 18% MUD         Total           Time Set Packer(s) 7:38 PM P.M. Time Started Off Bottom 10:38 PM P.M. Maximum Temperature 128 deg.           Initial Hydrostatic Pressure.         (A) 2205 P.S.I.           Initial Flow Period.         Minutes 30 (B) 25 P.S.I. to (C) 94 P.S.I.           Initial Closed In Period.         Minutes 30 (D) 1087 P.S.I.           Final Flow Period.         Minutes 60 (E) 97 P.S.I. to (F) 154 P.S.I.           Final Closed In Period.         Minutes 60 (G) 973 P.S.I.           Final Hydrostatic Pressure.         (H) 2197 P.S.I.	Recovered 315 ft. of TOTAL FL	UID				P			
Remarks:	Recoveredft. of		CHLORID	ES: 15,000 ppm		Price Jol	b		
TOOL SAMPLE: 50% OIL, 32% WATER, 18% MUD  Time Set Packer(s) 7:38 PM A.M. P.M. Time Started Off Bottom 10:38 PM P.M. Maximum Temperature 128 deg.  Initial Hydrostatic Pressure (A) 2205 P.S.I.  Initial Flow Period Minutes 30 (B) 25 P.S.I. to (C) 94 P.S.I.  Initial Closed In Period Minutes 60 (E) 97 P.S.I. to (F) 154 P.S.I.  Final Closed In Period Minutes 60 (G) 973 P.S.I.  Final Hydrostatic Pressure (H) 2197 P.S.I.	Recoveredft. of		PH: 7.0			Other Ch	narges		
Time Set Packer(s)         7:38 PM         A.M. P.M.         Time Started Off Bottom         10:38 PM         A.M. P.M.         Maximum Temperature         128 deg.           Initial Hydrostatic Pressure         (A)         2205 p.s.l.         94 p.s.l.           Initial Flow Period         Minutes         30 (B)         25 p.s.l. to (C)         94 p.s.l.           Initial Closed In Period         Minutes         60 (E)         97 p.s.l. to (F)         154 p.s.l.           Final Closed In Period         Minutes         60 (G)         973 p.s.l.           Final Hydrostatic Pressure         (H)         2197 p.s.l.	Remarks:		RW: .57	@ 65 deg.		Insuranc	e		
Time Set Packer(s)         7:38 PM         A.M. P.M.         Time Started Off Bottom         10:38 PM         A.M. P.M.         Maximum Temperature         128 deg.           Initial Hydrostatic Pressure         (A)         2205 p.s.l.         94 p.s.l.           Initial Flow Period         Minutes         30 (B)         25 p.s.l. to (C)         94 p.s.l.           Initial Closed In Period         Minutes         60 (E)         97 p.s.l. to (F)         154 p.s.l.           Final Closed In Period         Minutes         60 (G)         973 p.s.l.           Final Hydrostatic Pressure         (H)         2197 p.s.l.									
Time Set Packer(s)         7:38 PW         P.M.         Time Started Off Bottom         10:38 PW         P.M.         Maximum Temperature         128 deg.           Initial Hydrostatic Pressure         (A)         2205 P.S.I.         2205 P.S.I. to (C)         94 P.S.I.           Initial Flow Period         Minutes         30 (B)         1087 P.S.I.         1087 P.S.I.           Final Flow Period         Minutes         60 (E)         97 P.S.I. to (F)         154 P.S.I.           Final Closed In Period         Minutes         60 (G)         973 P.S.I.           Final Hydrostatic Pressure         (H)         2197 P.S.I.	TOOL SAMPLE: 50% OIL, 32% WATI				Δ λ λ	Total			
Initial Flow Period.         Minutes         30         (B)         25 P.S.I. to (C)         94 P.S.I.           Initial Closed In Period.         Minutes         30         (D)         1087 P.S.I.           Final Flow Period.         Minutes         60         (E)         97 P.S.I. to (F)         154 P.S.I.           Final Closed In Period.         Minutes         60         (G)         973 P.S.I.           Final Hydrostatic Pressure.         (H)         2197 P.S.I.	Time Set Packer(s) 7:38 PM		arted Off Bo	ttom10:38 P	IVI P.M. Ma	aximum Tei	mperature1	28 deg.	
Initial Closed In Period.         Minutes         30 (D)         1087 P.S.I.           Final Flow Period.         Minutes         60 (E)         97 P.S.I. to (F)         154 P.S.I.           Final Closed In Period.         Minutes         60 (G)         973 P.S.I.           Final Hydrostatic Pressure.         (H)         2197 P.S.I.	Initial Hydrostatic Pressure	•••••		(A)					
Final Flow Period.         Minutes         60         (E)         97 P.S.I. to (F)         154 P.S.I.           Final Closed In Period.         Minutes         60         (G)         973 P.S.I.           Final Hydrostatic Pressure.         (H)         2197 P.S.I.	Initial Flow Period	Minutes		(B)		to (C)	94 [	P.S.I.	
Final Closed In Period         Minutes         60         (G)         973 P.S.I.           Final Hydrostatic Pressure         (H)         2197 P.S.I.	Initial Closed In Period	Minutes		(D)					
Final Hydrostatic Pressure(H) 2197 P.S.I.	Final Flow Period	Minutes		(E)		o (F)	154 <sub>P</sub>	.S.I.	
	Final Closed In Period	Minutes	60	(G)					
				· / /		ered or sustaine	ad, directly or indirec	dly through	

Diamond Testing shall not be hable for damages of any kind to 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 statement or opinion concerning the result of any test. Tools tost or damaged in the hole shall be paid for at cost by the party for whom the test is made