

C	onfiden	tiality	Requested:
	Yes	N	lo

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1249323

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:			Sec	TwpS. R	East West
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			· ·		
GSW	Permit #:		Operator Name:		
_ _			Lease Name:	License #:_	
Spud Date or Date R	eached TD	Completion Date or	QuarterSec	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 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	Prim 1
Doc ID	1249323

All Electric Logs Run

Dual Induction
Borehole Compensated Sonic
Micro Resistivity
Compensated Density Neutron

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	Prim 1
Doc ID	1249323

Tops

Name	Тор	Datum
Anhy.	2167	(+670)
Base Anhy.	2192	(+645)
Heebner	3977	(-1140)
Lansing	4019	(-1182)
Muncie Creek	4201	(-1354)
Stark	4305	(-1468)
Hushpuckney	4343	(-1506)
ВКС	4386	(-1549)
Marmaton	4430	(-1593)
Pawnee	4500	(-1663)
Ft. Scott	4550	(-1714)
Cherokee Sh.	4576	(-1739)
Miss.	4646	(-1809)
LTD	4759	(-1922)



KET NUMBER	47941
LOCATION OCAL IN	4. V 4 H 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
FOREMAN PONCE	cho l

DATE CUSTOMER# WELL NAME & NUMBER SECTION TOWNSHIP RANGE COUNTY 3-12-14 b275 b2 m 1 192 20 10 m 2 m 1 192 20 10 m 1		hanute, KS 667 or 800-467-8676	20	LD IICKE	CEMEN	IMENIKEH T	UKI		<u> </u>
DISTORES JAMES ADDRESS JAMES TATE JAMES ADDRESS JAMES TRUCK # DRIVER TRUCK # DRIVER TRUCK #				NAME & NUM			TOWNSHIP	RANGE	COUNTY
DUSTYNER ACCOUNT CODE QUANITY OF UNITS DESCRIPTION of SERVICES or PRODUCT PUMP CHARGE MILEAGE ACCOUNT ACCOUNT ACCOUNT CODE QUANITY or UNITS DESCRIPTION of SERVICES or PRODUCT MILEAGE ACCOUNT ACCOU	2-17-14	6285	Donn	14		26	195	39W	Lane
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HOLE SIZE 12/4 HOLE DEPTH 200 CASING SIZE & WEIGHT 8 1/4 24/4 ASSING DEPTH 200 DRILL PIPE TUBING OTHER SLURRY WEIGHT 12/2 DISPLACEMENT PSI MIX PSI RATE REMARKS: 12/4 DISPLACEMENT PSI DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL SALOS OF THE PSI	CITY.		SIAIE	ZIP CODE	l .			-	3.5
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I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form

General Information Report

General Information

PALOMINO PETROLEUM, INC. **TIM VENTERS Company Name** Representative **KLEE WATCHOUS** Well Operator PALOMINO PETROLEUM, INC. Contact **Nell Name** PRIM #1 Report Date 2015/03/17 DST #1, LKC "K&L", 4301-4400 Jnique Well ID **Prepared By TIM VENTERS** Surface Location SEC 26-19S-29W, LANE CO. KS. Field **PARIS SOUTHWEST Qualified By RYAN SEIB Nell Type** Vertical CONVENTIONAL **Test Type** ormation DST #1, LKC "K&L", 4301-4400 01 Oil **Nell Fluid Type Start Test Date** 2015/03/16 **Start Test Time** 20:55:00 2015/03/17 Final Test Date **Final Test Time** 03:47:00

est Recovery:

RECOVERED: 15' CO, 100% OIL, GRAVITY: 34

30' W&MCO, 53% OIL, 24% WATER, 23% MUD 190' SOHMCW, 6% OIL, 56% WATER, 38% MUD 185' SO&MCW, 9% OIL, 82% WATER, 9% MUD

420' TOTAL FLUID

'OOL SAMPLE: 3% OIL, 91% WATER, 6% MUD

CHLORIDES: 28,000 ppm

'H: 7.5

RW: .28 @ 72 deg.



P.O. Box 157 HOISINGTON, KANSAS 67544

(800) 542-7313

DRILL-STEM TEST TICKET

FILE: PRIM1DST1

TIME ON: 20:55 3-16-15

TIME OFF: 03:47 3-17-15

FILE: PRI	WITDSTI
Company PALOMINO PETROLEUM, INC.	Lease & Well No. PRIM #1
Contractor WW DRILLING, LLC RIG #10	Charge to PALOMINO PETROLEUM, INC.
Elevation 2837 KB Formation LKC "	K&L" Effective PayFt. Ticket NoT451
Date 3-16-15 Sec. 26 Twp. 19 S	Range 29 W County LANE State KANSAS
Test Approved By RYAN SEIB	Diamond Representative TIMOTHY T. VENTERS
Formation Test No. 1 Interval Tested from	4301 ft. to 4400 ft. Total Depth 4400 ft.
Packer Depth 4296 ft. Size 6_3/4 in.	Packer depthft. Size6 3/4in.
Packer Depth 4301_ft. Size6 3/4in.	Packer depthft. Size6 3/4in.
Depth of Selective Zone Set	
Top Recorder Depth (Inside) 4282 ft.	
Bottom Recorder Depth (Outside) 4397 ft.	Recorder Number 11029 Cap. 5,025 P.S.I.
Below Straddle Recorder Depthft.	Recorder Number Cap P.S.I.
Mud Type CHEMICAL Viscosity 47	Drill Collar Length 122 ft. I.D 2 1/4 in.
Weight 9.45 Water Loss 10.0	cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in
Chlorides	Drill Pipe Length 4146 ft. I.D 3 1/2 ini
Jars: Make STERLING Serial Number 2	Test Tool Length 33 ft. Tool Size 3 1/2-IF in
Did Well Flow? NO Reversed Out NO	Anchor Length 35 ft. Size 4 1/2-FH in 64' DP IN ANCHOR
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH	n. Surface Choke Size 1 in. Bottom Choke Size 5/8 in
Blow: 1st Open: WEAK 1/4 INCH BLOW, BUILDING	G, REACHING BOB 20 1/2 MIN. (NO BB)
^{2nd Open:} WEAK SURFACE BLOW, BUILDING	REACHING BOB 24 MIN. (WS BB)
Recovered 15 ft. of CO, 100% OIL, GRAVITY: 34	
Recovered30_ft. of W&MCO, 53% OIL, 24% WATER, 23%	6 MUD
Recovered190_ft. of SOHMCW, 6% OIL, 56% WATER,	38% MUD
Recovered185_ft. of SO&MCW, 9% OIL, 82% WATER,	9% MUD
Recovered 420 ft. of TOTAL FLUID	Price Job
Recoveredft. of	LORIDES: 28,000 ppm Other Charges
Remarks: PH:	7.5 Insurance
	.28 @ 72 deg.
TOOL SAMPLE: 3% OIL, 91% WATER, 6% MUD	Total A.M.
Time Set Packer(s) 11:25 PM A.M. P.M. Time Started Of	
Initial Hydrostatic Pressure	
milial Flow Feriod	60 (B) 29 P.S.I. to (C) 141 P.S.I.
Initial Closed in Periodiviindles	0 (D) 710 P.S.I.
Final Flow Periodiviinutes_	60 (E) 143 P.S.I. to (F) 212 P.S.I.
Final Closed In PeriodMinutes	30 (G) 705 P.S.I.
Final Hydrostatic Pressure	(H) 2111 P.S.I.

Diamond Testing shall not be liable 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 lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

General Information Report

General Information

PALOMINO PETROLEUM, INC. **Company Name** Representative **TIM VENTERS** Contact **KLEE WATCHOUS** Well Operator PALOMINO PETROLEUM, INC. **Nell Name** PRIM #1 Report Date 2015/03/18 Jnique Well ID **DST #2, MARMATON, 4380-4500 Prepared By TIM VENTERS** Surface Location SEC 26-19S-29W, LANE CO. KS. Field **PARIS SOUTHWEST Qualified By RYAN SEIB** Vertical **Nell Type** CONVENTIONAL **Test Type DST #2, MARMATON, 4380-4500** Formation 01 Oil **Nell Fluid Type** 2015/03/17 **Start Test Date Start Test Time** 16:53:00 2015/03/17 Final Test Date **Final Test Time** 23:13:00

est Recovery:

RECOVERED: 155' SO&WCM, 4% OIL, 7% WATER, 89% MUD

565' SOHMCW, 5% OIL, 52% WATER, 43% MUD 565' SO&MCW, 1% OIL, 91% WATER, 8% MUD

1285' TOTAL FLUID

OOL SAMPLE: 2% OIL, 90% WATER, 8% MUD

CHLORIDES: 30,000 ppm

'H: 7.5

RW: .24 @ 86 deg.



P.O. Box 157

HOISINGTON, KANSAS 67544 (800) 542-7313

DRILL-STEM TEST TICKET

FILE: PRIM1DST2

TIME ON: 16:53
TIME OFF: 23:13

Company PALOMINO PETROLEUM, INC. Lease & Well No. PRIM #1 Contractor WW DRILLING, LLC RIG #10 Charge to PALOMINO PETROLEUM, INC. MARMATON Effective Pay____ 2837 KB Ft. Ticket No. Elevation Formation 26 29 W County_ LANE 3-17-15 Twp. 19 S Range KANSAS Sec. State Test Approved By RYAN SEIB TIMOTHY T. VENTERS Diamond Representative 4380 ft. to 4500 ft. Total Depth___ Interval Tested from 4500 ft. Formation Test No. 4375 ft. Size_ 6 3/4 Packer depth_____ ft. Size 6 3/4 Packer Depth in. 4380 ft. Size 6 3/4 Packer depth_____ 6 3/4 ft. Size Packer Depth in. Depth of Selective Zone Set 4361 ft 5504 Cap. 5,000 P.S.I. Top Recorder Depth (Inside) Recorder Number 5,025 P.S.I. 4497 ft. 11029 Cap. Bottom Recorder Depth (Outside) Recorder Number___ Cap. P.S.I. Below Straddle Recorder Depth Recorder Number CHEMICAL Viscosity____ 122 ft. I.D. Drill Collar Length 2 1/4 Mud Type in. 8.0 0 ft. I.D. 9.4 cc. Weight Pipe Length 2 7/8 Weight Water Loss 4225 ft. I.D. 2,200 ppM 3 1/2 Drill Pipe Length _____ Chlorides 2 33 ft. STERLING Serial Number Test Tool Length Tool Size 3 1/2-IF Jars: Make 25 ft. NO NO Reversed Out Size 4 1/2-FH Did Well Flow? Anchor Length 95' DP IN ANCHOR 4 1/2 XH in. 7 7/8 Bottom Choke Size 5/8 Main Hole Size Tool Joint Size Surface Choke Size in. Blow: 1st Open: GOOD 1 1/2 INCH BLOW, BUILDING, REACHING BOB 3 MIN. (NO BB) ^{2nd Open:} WEAK 1/2 INCH BLOW, BUILDING, REACHING BOB 6 1/2 MIN. (NO BB) 155 ft of SO&WCM, 4% OIL, 7% WATER, 89% MUD Recovered 565 ft of SOHMCW, 5% OIL, 52% WATER, 43% MUD Recovered $_{\rm 565~ft,~of}$ SO&MCW, 1% OIL, 91% WATER, 8% MUD Recovered 1285 ft. of TOTAL FLUID Recovered Price Job ft. of Recovered CHLORIDES: 30,000 ppm Other Charges ft. of Recovered PH: 7.5 Insurance Remarks: RW: .24 @ 86 deg. Total TOOL SAMPLE: 2% OIL, 90% WATER, 8% MUD A.M. A.M. 6:29 PM 8:29 PM 129 deg. P.M. Time Started Off Bottom P.M. Maximum Temperature Time Set Packer(s) 2130 P.S.L. Initial Hydrostatic Pressure.....(A) 30 77 P.S.I. to (C)_____ 452 P.S.I. 30 686 P.S.I. (D) 613 _{P.S.I.} 30 462 P.S.I. to (F)_____ (E) 687 P.S.I. 30 Final Closed In Period......Minutes 2125 P.S.I. Final Hydrostatic Pressure.....

Diamond Testing shall not be liable 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 lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

General Information Report

General Information

PALOMINO PETROLEUM, INC. **TIM VENTERS** Company Name Representative **KLEE WATCHOUS** Well Operator PALOMINO PETROLEUM, INC. Contact PRIM #1 Report Date 2015/03/19 **Nell Name DST #3, MARMATON, 4440-4486 TIM VENTERS** Jnique Well ID Prepared By Surface Location SEC 26-19S-29W, LANE CO. KS. **PARIS SOUTHWEST Qualified By RYAN SEIB** Field **Nell Type STRADDLE Test Type** Formation **DST #3, MARMATON, 4440-4486 Nell Fluid Type** 01 Oil 2015/03/19 00:26:00 **Start Test Date Start Test Time** Final Test Date 2015/03/19 **Final Test Time** 06:55:00

est Recovery:

RECOVERED: 630' SOHMCW, 3% OIL, 51% WATER, 46% MUD

565' SO&MCW, 2% OIL, 78% WATER, 20% MUD 75' SO&WCM, 1% OIL, 26% WATER, 73% MUD

1270' TOTAL FLUID

OOL SAMPLE: TRACE OIL, 75% WATER, 25% MUD

CHORIDES: 30,000 ppm

'H: 7.5

₹W: .29 @ 71 deg.



DIAMOND TESTING P.O. Box 157

HOISINGTON, KANSAS 67544 (800) 542-7313

DRILL-STEM TEST TICKET

TIME ON: 00:26

TIME OFF: 06:55

Company PALOMINO PETROLEUM, INC. Lease & Well No. PRIM #1 Contractor WW DRILLING, LLC RIG #10 Charge to PALOMINO PETROLEUM, INC. T453
Table Sec. 26 Twp. 19 S Range 29 W County LANE State KANSAS
Date 3-19-15 Sec. 26 Twp. 19 S Range 29 W County LANE State KANSAS Test Approved By RYAN SEIB Diamond Representative TIMOTHY T. VENTERS Formation Test No. 3 Interval Tested from 4440 ft. to 4486 ft. Total Depth 4759 ft. Packer Depth 4440 ft. Size 6 3/4 in. Packer depth 4486 ft. Size 6 3/4 in. Packer Depth 4440 ft. Size 6 3/4 in. Packer depth ft. Size 6 3/4 in. Depth of Selective Zone Set Top Recorder Depth (Inside) 4421 ft. Recorder Number 5504 Cap. 5,000 P.S.I. Bottom Recorder Depth (Outside) 4483 ft. Recorder Number 13819 Cap. 5,025 P.S.I. Mud Type CHEMICAL Viscosity 48 Drill Collar Length 122 ft. I.D. 2 1/4 in
Timoth T
Formation Test No. 3 Interval Tested from 4440 ft. to 4486 ft. Total Depth 4759 ft. Packer Depth 4435 ft. Size 6 3/4 in. Packer depth 4486 ft. Size 6 3/4 in. Packer Depth 4440 ft. Size 6 3/4 in. Packer depth ft. Size 6 3/4 in. Depth of Selective Zone Set Top Recorder Depth (Inside) 4421 ft. Recorder Number 5504 Cap. 5,000 P.S.I. Bottom Recorder Depth (Outside) 4483 ft. Recorder Number 13819 Cap. 5,025 P.S.I. Below Straddle Recorder Depth 4756 ft. Recorder Number 11029 Cap. 5,025 P.S.I. Mud Type CHEMICAL Viscosity 48 Drill Collar Length 122 ft. I.D. 2 1/4 in. Weight 9.4 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Packer Depth 4435 ft. Size 6 3/4 in. Packer depth 4486 ft. Size 6 3/4 in. Packer Depth 4440 ft. Size 6 3/4 in. Packer depth ft. Size 6 3/4 in. Depth of Selective Zone Set Top Recorder Depth (Inside) 4421 ft. Recorder Number 5504 Cap. 5,000 P.S.I. Bottom Recorder Depth (Outside) 4483 ft. Recorder Number 13819 Cap. 5,025 P.S.I. Below Straddle Recorder Depth 4756 ft. Recorder Number 11029 Cap. 5,025 P.S.I. Mud Type CHEMICAL Viscosity 48 Drill Collar Length 122 ft. I.D. 2 1/4 in. Weight 9.4 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in
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Mud Type CHEMICAL Viscosity 48 Drill Collar Length 122 ft. I.D. 2 1/4 in. Weight 9.4 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in
Weight 9.4 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in
1900 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Jars: Make STERLING Serial Number 2 Test Tool Length 33 ft. Tool Size 3 1/2-IF in
Did Well Flow? NO Reversed Out NO Anchor Length 14 ft. Size 4 1/2-FH in 32' DP IN ANCHOR
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in
Blow: 1st Open: GOOD 2 1/2 INCH BLOW, BUILDING, REACHING BOB 3 1/2 MIN. (NO BB)
^{2nd Open:} WEAK 1/2 INCH BLOW, BUILDING, REACHING BOB 7 MIN. (NO BB)
Recovered 630 ft. of SOHMCW, 3% OIL, 51% WATER, 46% MUD
Recovered565 ft. of SO&MCW, 2% OIL, 78% WATER, 20% MUD
Recovered
Recovered 1270 ft. of TOTAL FLUID
Recoveredft. ofPrice Job
Recoveredft. of CHLORIDES: 30,000 ppm Other Charges
Remarks: PH: 7.5 Insurance
RW: .29 @ 71 deg.
TOOL SAMPLE: TRACE OIL, 75% WATER, 25% MUD A.M. A.M. A.M. A.M. A.M. A.M. A.M.
Time Set Packer(s) 2:18 P.M. Time Started Off Bottom 4:18 P.M. Maximum Temperature 132 deg.
Initial Hydrostatic Pressure
Initial Flow Period
Initial Closed In Period
Final Flow Period
Final Closed In PeriodMinutes 30 (G) 986 P.S.I.
Final Hydrostatic Pressure (H) 2188 P.S.L.

Diamond Testing shall not be liable 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 lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

General Information Report

General Information

PALOMINO PETROLEUM, INC. **TIM VENTERS Company Name** Representative **KLEE WATCHOUS** Well Operator PALOMINO PETROLEUM, INC. Contact **Nell Name** PRIM #1 Report Date 2015/03/19 Jnique Well ID DST #3, MARMATON, 4440-4486 Prepared By **TIM VENTERS** Surface Location SEC 26-19S-29W, LANE CO. KS. Field **PARIS SOUTHWEST Qualified By RYAN SEIB Nell Type** Vertical **STRADDLE Test Type DST #3, MARMATON, 4440-4486** ormation **Nell Fluid Type** 01 Oil **Start Test Date** 2015/03/19 **Start Test Time** 00:26:00 2015/03/19 Final Test Date **Final Test Time** 06:55:00

est Recovery:

RECOVERED: 630' SOHMCW, 3% OIL, 51% WATER, 46% MUD

565' SO&MCW, 2% OIL, 78% WATER, 20% MUD 75' SO&WCM, 1% OIL, 26% WATER, 73% MUD

1270' TOTAL FLUID

OOL SAMPLE: TRACE OIL, 75% WATER, 25% MUD

CHORIDES: 30,000 ppm

'H: 7.5

W: .29 @ 71 deg.



DIAMOND TESTING P.O. Box 157 HOISINGTON, KANSAS 67544

(800) 542-7313

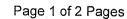
DRILL-STEM TEST TICKET

FILE: PRIM1DST3

TIME ON: 00:26

TIME OFF: 06:55

Company PALOMINO PETROLEUM, INC.	_Lease & Well No. PRIM #1				
Contractor WW DRILLING, LLC RIG #10 Charge to PALOMINO PETROLEUM, INC.					
Elevation 2837 KB Formation MARMATOR	N Effective PayFt. Ticket NoT453				
	inge 29 W County LANE State KANSAS				
Test Approved By RYAN SEIB	Diamond Representative TIMOTHY T. VENTERS				
Formation Test No. 3 Interval Tested from 44	40 ft. to 4486 ft. Total Depth 4759 ft.				
Packer Depthft. Size6_3/4in.	Packer depth 4486 ft. Size6 3/4 in.				
Packer Depth 4440 ft. Size6 3/4 in.	Packer depthft. Size6 3/4in.				
Depth of Selective Zone Set					
Top Recorder Depth (Inside) 4421 ft.	Recorder Number 5504 Cap. 5,000 P.S.I.				
Bottom Recorder Depth (Outside) 4483 ft.	Recorder Number 13819 Cap. 5,025 P.S.I.				
Below Straddle Recorder Depth 4756 ft.	Recorder Number 11029 Cap. 5,025 P.S.I.				
Mud Type CHEMICAL Viscosity 48	Drill Collar Length 122 ft. I.D. 2 1/4 in.				
	Weight Pipe Length 0 ft. I.D. 2 7/8 in				
Chlorides	Drill Pipe Length 4285 ft. I.D. 3 1/2 in				
Jars: Make STERLING Serial Number 2	Test Tool Length 33_ft. Tool Size 3 1/2-IF in				
Did Well Flow? NO Reversed Out NO	Anchor Length 14 ft. Size 4 1/2-FH in				
	32' DP IN ANCHOR Surface Choke Size 1 in. Bottom Choke Size 5/8 in				
Blow: 1st Open: GOOD 2 1/2 INCH BLOW, BUILDING	, REACHING BOB 3 1/2 MIN. (NO BB)				
2nd Open: WEAK 1/2 INCH BLOW, BUILDING, REA	ACHING BOB 7 MIN. (NO BB)				
Recovered 630 ft. of SOHMCW, 3% OIL, 51% WATER, 46% MUD					
Recovered 565 ft. of SO&MCW, 2% OIL, 78% WATER, 20% MUD					
Recovered 75 ft. of SO&WCM, 1% OIL, 26% WATER, 73% MUD					
Recovered 1270 ft. of TOTAL FLUID					
Recovered ft. of	Price Job				
Recovered ft. of CHLOF	RIDES: 30,000 ppm Other Charges				
Remarks: PH: 7.5	Insurance				
RW: .29	0 @ 71 deg.				
TOOL SAMPLE: TRACE OIL, 75% WATER, 25% MUD	Total				
Time Set Packer(s) 2:18 A.M. P.M. Time Started Off Bo	ttom4:18A.MA.M132 deg.				
Initial Hydrostatic Pressure.	(A) 2191 P.S.I.				
Initial Flow Period	(B)85 _{P.S.I. to (C)} 438 _{P.S.I.}				
Initial Closed In Period	(D) 1010 P.S.I.				
Final Flow Period	(E) 444 P.S.I. to (F) 605 P.S.I.				
Final Closed In PeriodMinutes30	(G)986 _{P.S.I.}				
Final Hydrostatic Pressure	(H) 2188 _{P.S.I.}				





P.O. Box 157 HOISINGTON, KANSAS 67544 (620) 653-7550 • (800) 542-7313 PRIM1DST4

Company Palomino Petroleum, Inc.	Lease & Well No. Prim No. 1
Elevation 2837 KB Formation Lansing/Kansas City "K"	Effective PayFt. Ticket No. T454
Date 3-19-15 Sec. 26 Twp. 19S Range	
Test Approved By Ryan Seib	Diamond RepresentativeTim Venters
Formation Toot No. 4 Interval Tested Grant	4 301 4 331 4 750
Formation Test No. 4 Interval Tested from Packer Depth 4,296 ft. Size 6 3/4 in.	4,301 ft. to 4,331 ft. Total Depth 4,759 ft
Packer Depth 4,301 ft. Size 6 3/4 in.	Packer Depth 4,331 ft. Size 6 3/4 in.
Depth of Selective Zone Set	Packer Depthft. Sizein.
	5504 0 5 600
Top Recorder Depth (Inside) 4,282 ft. Bottom Recorder Depth (Outside) 4,328 ft.	Recorder Number 5504 Cap. 5,000 psi. Recorder Number 11029 Cap 5,025 psi.
Below Straddle Recorder Depth 4,756 ft.	psi.
	рыры.
Drilling Contractor WW Drilling, LLC - Rig 10	Drill Collar Length 122 ft I.D. 2 1/4 in
Mud Type Chemical Viscosity 48	Weight Pipe Lengthin.
Weight 9.4 Water Loss 8.0 cc.	Drill Pipe Length
Chlorides 1,900 P.P.M.	Test Tool Length 33 ft Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number 2	Anchor Length 30' perf. w/428' tail pipe Size 4 1/2-FH in.
Did Well Flow? No Reversed Out No	Surface Choke Size1in. Bottom Choke Size5/8 in.
	Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.
Blow: 1st Open: Weak, 1 in. blow increasing. Off bottom of bucket in 29 mins	s. No blow back during shut-in.
2nd Open: Weak, surface blow increasing to 9 ins. No blow back during	g shut-in.
Recovered95_ft. of_mud w/trace oil = 1.351850 bbls. (Grind out: Trac	29_0il: 100%_mud\
4.0.77	
	nd out: Trace-oil; 90%-water; 10%-mud) Chlorides: 21,000 Ppm PH: 7.5 RW: .52 @ 61°
Recovered 60 ft. of slightly mud cut water w/trace oil = .295200 bbls. (Grind out: 31%-water cut mud = .295200 bbls. (Grind out: 31%-water cut mud = .295200 bbls.)	
2000 vored 340 # of TOTAL FLUID = 3,702380 bbls.	
Recovered ft. of	
Remarks Tool Sample Grind Out: Trace-oil; 65%-water; 35%-m	ud
Activative	
ime Set Packer(s) 10:55 A.M. Time Started off Bottom	12:55 P.M. Maximum Temperature 126°
nitial Hydrostatic Pressure(A)	Waximum Temperature
	42 P.S.I. to (C) 124 P.S.I.
nitial Closed In PeriodMinutes30 (D)	705 P.S.I.
inal Flow PeriodMinutes30 (E)	129 P.S.I. to (F) 179 P.S.I.
inal Closed In PeriodMinutes30 (G)	702 P.S.I.
inal Hydrostatic Pressure(H)	2131 _{P.S.I.}
· /—	

General Information Report

General Information

	PALOMINO PETROLEUM, INC. KLEE WATCHOUS PRIM #1 DST #4, LKC "K", 4301-4331 SEC 26-19S-29W, LANE CO. KS.	Representative Well Operator Report Date Prepared By	TIM VENTERS PALOMINO PETROLEUM, INC. 2015/03/19 TIM VENTERS
Field Well Type Test Type Formation Well Fluid Type	PARIS SOUTHWEST Vertical STRADDLE DST #4, LKC "K", 4301-4331 01 Oil	Qualified By	RYAN SEIB
Start Test Date Final Test Date	2015/03/19 2015/03/19	Start Test Time Final Test Time	09:28:00 15:04:00

Test Recovery:

RECOVERED: 95' M W/TR. O, TRACE OIL, 100% MUD

125' HMCW W/TR. O, TRACE OIL, 59% WATER, 41% MUD 60' SMCW W/TR. O, TRACE OIL, 90% WATER, 10% MUD

60' WCM, 31% WATER, 69% MUD

340' TOTAL FLUID

TOOL SAMPLE: TRACE OIL, 65% WATER, 35% MUD

CHLORIDES: 21,000 ppm

PH: 7.5

RW: .52 @ 61 deg.