24 S. Lincoln RUSSELL, KS 67665



Invoice

Date Invoice # 1/16/2018 3238

Bill To	
PALOMINO PETROLEUM INC 4924 SE 84TH ST NEWTON,KS 67114	
NLW 10N, NS 0/114	
	;

		P.O. No.	Terms		Project			
		KUNTZ#1	Due on receipt					
Quantity	Description		Ra	ite	Amount			
240	60/40 POZMIX CEMENT			13.40	3,216.00			
60 249 1 45	BENTONITE GEL FLO-SEAL HANDLING BULK MILEAGE TRI-PLEX PUMP CHARGE FOR PLUG HEAVY EQUIPMENT. ONE WAY LMV- ONE WAY DRY HOLE PLUG 20% DISCOUNT IF PAID WITHIN 15 DAYS OF INVO GOVE CO SALES TAX	DICE		30.00 2.00 1.60 650.00 850.00 3.50 1.75 62.50 8.50%	270.00 120.00 398.40 650.00 850.00 157.50 78.75 62.50			
Thank you for you	ır business.			-				
			Tota		\$5,803.15			

3238

REMIT TO

24 S. Lincoln Russell, KS 67665 SERVICE POINT USSE // KS

DATE /- 14-18	SEC./	TWP(/5	RANGE 26 W	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
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You are hereby req			ting equipment and			@	
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SE DO BUT ISSUITABLE			The Publication and	DISCOUNT	(a book ist joke	red flygor Atties	IF PAID IN 30 DA

24 S. Lincoln RUSSELL, KS 67665 RECEIVED

JAN 1 0 203

Invoice

Date	Invoice #
1/8/2018	3235

Bill To	
PALOMINO PETROLEUM INC 4924 SE 84TH ST NEWTON,KS 67114	

P.O. No.	Terms	Project
KUNTZ#1	Due on receipt	

Quantity	Description	Rate	Amount
	60/40 POZMIX CEMENT CALCIUM-CHLORIDE BENTONITE GEL	13.40 80.00 30.00	2,144.00 400.00 90.00
168	HANDLING BULK MILEAGE	1.60 420.00	268.80 420.00
1 45 45	TRI-PLEX PUMP CHARGE FOR SURFACE HEAVY EQUIPMENT. ONE WAY LMV- ONE WAY	850.00 3.50 1.75	850.00 157.50 78.75
	30% DISCOUNT IF PAID WITHIN 15 DAYS OF INVOICE GOVE CO SALES TAX	8.50%	0.00
	-A		
ank you for yo	ur business		
ank you for yo	ar basinoss.	Total	\$4,409.0

3235

24 S. Lincoln SERVICE POINT: **REMIT TO** Russell, KS 67665 JOB FINISH TWP. -RANGE ON LOCATION JOB START SEC. DATE 16-18 COUNTY STATE LEASE WATZ WELL# GOVE OLD OR NEW (CIRCLE ONE) CONTRACTOR WW DOILLIAG OWNER TYPE OF JOB Sur-HOLE SIZE /2 % T.D. CEMENT CASING SIZE & DEPTH AMOUNT ORDERED TUBING SIZE DEPTH DRILL PIPE DEPTH TOOL DEPTH PRES. MAX MINIMUM SHOE JOINT MEAS. LINE POZMIX_ CEMENT LEFT IN CSG. GEL PERFS CHLORIDE DISPLACEMENT ASC EQUIPMENT PUMP TRUCK CEMENTER Cody 417 HELPER JUSCO **BULK TRUCK** @ # 378 DRIVER @ BULK TRUCK @ DRIVER @ MILEAGE TOTAL REMARKS: occulation hooked to punt freek pumple SERVICE cenent it did curculate to surface DEPTH OF JOB -PUMP TRUCK CHARGE EXTRA FOOTAGE_ MILEAGE __ @ MANIFOLD. (a) @ @ TOTAL PLUG & FLOAT EQUIPMENT Global Oil Field Services, LLC You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to @ do work as is listed. The above work was done to satisfaction @ and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side. TOTAL _ PRINTED NAME SALES TAX (If Any) TOTAL CHARGES IF PAID IN 30 DAYS DISCOUNT



Inc.

Lease: Kuntz #1

State: Kansas

Drilling Contractor: WW Drilling, LLC -

Rig 8

Elevation: 2478 GL Field Name: Wildcat Pool: WILDCAT Job Number: 103

DATE January 11 2018

DST #1 Formation: Lans "H" Test Interval: 3915 -

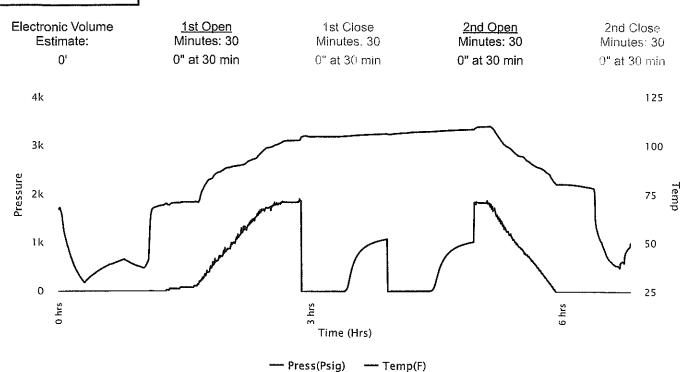
Total Depth: 3950'

3950'

Time On: 05:39 01/11

Time Off: 12:17 01/11

Time On Bottom: 08:27 01/11 Time Off Bottom: 10:27 01/11





Inc.

Lease: Kuntz #1

State: Kansas

Drilling Contractor: WW Drilling, LLC -

Rig 8

Elevation: 2478 GL Field Name: Wildcat Pool: WILDCAT Job Number: 103

<u>DATE</u>	
January	
11	
2018	

DST #1 Formation: Lans "H" Test Interval: 3915 -

Total Depth: 3950'

3950'

Time On: 05:39 01/11

Time Off: 12:17 01/11

Time On Bottom: 08:27 01/11 Time Off Bottom: 10:27 01/11

Recovered

<u>Foot</u> **BBLS** 15 0.0738 Description of Fluid Μ

Gas % 0

<u>Oil %</u> 0

Water % 0

Mud % 100

Total Recovered: 15 ft

Total Barrels Recovered: 0.0738

Rever	se	d	Out
1	٧C)	

Recovery	at a	glance

		NO					
Initial Hydrostatic Pressure	1859	PSI	0.05				
Initial Flow	11 to 18	PSI	18 B				
Initial Closed in Pressure	1099	PSI	EL .				
Final Flow Pressure	19 to 23	PSI					
Final Closed in Pressure	1043	PSI	, 0				
Final Hydrostatic Pressure	1859	PSI				Recovery	
Temperature	109	°F		Gas	lio 🕲	Water	Mud
Pressure Change Initial Close / Final Close	5.2	%		0%	0%	0%	100%



Formation: Lans "H"

Inc.

Lease: Kuntz #1

DST #1

State: Kansas

Drilling Contractor: WW Drilling, LLC -

Rig 8

Elevation: 2478 GL Field Name: Wildcat Pool: WILDCAT Job Number: 103

DATE

January 11

2018

Test Interval: 3915 -

Total Depth: 3950'

3950'

Time On: 05:39 01/11

Time Off: 12:17 01/11

Time On Bottom: 08:27 01/11 Time Off Bottom: 10:27 01/11

REMARKS:

Initial Flow: 1/8 in. blow Initial Shut-in: No blow back.

Final Flow: No blow.

Final Shut-in: No blow back.

Tool Sample: 100% mud

Diesel in bucket.



Company: Palomino Petroleum, SEC: 11 IWN: County: GOVE

Inc.

Lease: Kuntz #1

SEC: 11 TWN: 14S RNG: 26W

State: Kansas

Drilling Contractor: WW Drilling, LLC -

Rig 8

Elevation: 2478 GL Field Name: Wildcat Pool: WILDCAT Job Number: 103

DATE January 11 2018

DST #1 Formation: Lans "H" Test Interval: 3915 -

Total Depth: 3950'

3950'

Time On: 05:39 01/11

Time Off: 12:17 01/11

Time On Bottom: 08:27 01/11 Time Off Bottom: 10:27 01/11

Down Hole Makeup

Heads Up:

21.43 FT

Packer 1:

3910 FT

Drill Pipe:

3784.7 FT

Packer 2:

3915 FT

ID-3 1/2

Top Recorder:

3899.42 FT

Weight Pipe:

0 FT

Bottom Recorder:

3917 FT

ID-2 7/8

Well Bore Size:

7 7/8

5/8"

Collars: ID-2 1/4 119.16 FT

Surface Choke:

1"

Test Tool:

33.57 FT

Bottom Choke:

ID-3 1/2-FH

Jars

Safety Joint Total Anchor:

35

Anchor Makeup

Packer Sub:

1 FT

Perforations: (top):

0 FT

4 1/2-FH

Change Over:

0 FT

Drill Pipe: (in anchor):

0 FT

ID-3 1/2

Change Over:

0 FT

Perforations: (below):

4 1/2-FH

34 FT



Inc.

Lease: Kuntz #1

State: Kansas

Drilling Contractor: WW Drilling, LLC -

Rig 8

Elevation: 2478 GL Field Name: Wildcat Pool: WILDCAT Job Number: 103

DATE January

11 2018 DST#1 Formation: Lans "H" Test Interval: 3915 -

Total Depth: 3950'

3950'

Time On: 05:39 01/11

Time Off: 12:17 01/11

Time On Bottom: 08:27 01/11 Time Off Bottom: 10:27 01/11

Mud Properties

Mud Type: Chemical

Weight: 8.9

Viscosity: 56

Filtrate: 6.4

Chlorides: 3,100 ppm



Inc.

Lease: Kuntz #1

State: Kansas

Drilling Contractor: WW Drilling, LLC -

Rig 8

Elevation: 2478 GL Field Name: Wildcat Pool: WILDCAT Job Number: 103

DATE January 11 2018

DST #2 Formation: Lans "J" Test Interval: 3985 -

Total Depth: 4007'

4007'

Time On: 22:23 01/11

Time Off: 05:29 01/12

Time On Bottom: 01:06 01/12 Time Off Bottom: 03:06 01/12

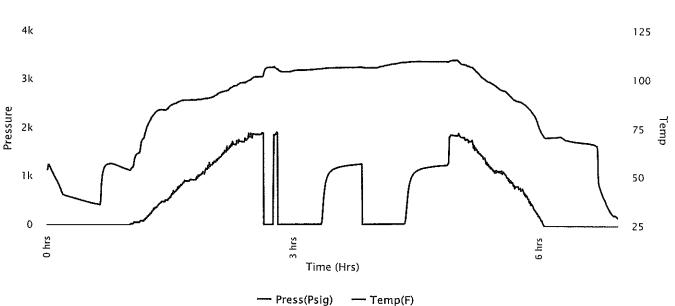
Electronic Volume Estimate: 21'

1st Open Minutes: 30 .7" at 30 min

1st Close Minutes 30 0" at 30 min

2nd Open Minutes: 30 0" at 30 min

Und Close Minutes: 30 0" at 30 min





Inc.

Lease: Kuntz #1

State: Kansas

Drilling Contractor: WW Drilling, LLC -

Rig 8

Elevation: 2478 GL Field Name: Wildcat Pool: WILDCAT Job Number: 103

DATE January 11 2018

DST #2 Formation: Lans "J" Test Interval: 3985 -

Total Depth: 4007'

4007'

Time On: 22:23 01/11

Time Off: 05:29 01/12

Time On Bottom: 01:06 01/12 Time Off Bottom: 03:06 01/12

Recovered

<u>Foot</u> BBLS 65 0.3198 **Description of Fluid** Μ

Gas % 0

<u>Oil %</u> 0

Water %

Mud % 100

Total Recovered: 65 ft

Total Barrels Recovered: 0.3198

Close / Final Close

Reversed Out

Recovery at a glance

		NO								
Initial Hydrostatic Pressure	1887	PSI	0.2							
Initial Flow	32 to 41	PSI	38F.							
Initial Closed in Pressure	1283	PSI	_							
Final Flow Pressure	42 to 51	PSI								
Final Closed in Pressure	1265	PSI	0							
Final Hydrostatic Pressure	1876	PSI					R	ecovery		
Temperature	110	°F			_		_		_	
				Gas		Oil	8	Water		Mud
Pressure Change Initial	1.4	%		0%		0%		0%		100%



Inc.

Lease: Kuntz #1

State: Kansas

Drilling Contractor: WW Drilling, LLC -

Rig 8

Elevation: 2478 GL Field Name: Wildcat Pool: WILDCAT Job Number: 103

DATE

January 11

2018

DST #2 Formation: Lans "J"

Test Interval: 3985 -

Total Depth: 4007'

4007'

Time On: 22:23 01/11

Time Off: 05:29 01/12

Time On Bottom: 01:06 01/12 Time Off Bottom: 03:06 01/12

REMARKS:

Initial Flow: 1/2 in. blow. Initial Shut-in: No blow back.

Final Flow: No blow.

Final Shut-in: No blow back.

Tool Sample: 100% mud

Diesel in bucket.

We slid 5 ft. first time setting tool & couldn't see mud so we pulled & set again.



Inc.

Lease: Kuntz #1

State: Kansas

Drilling Contractor: WW Drilling, LLC -

Rig 8

Elevation: 2478 GL Field Name: Wildcat Pool: WILDCAT Job Number: 103

DATE January 11 2018

DST#2 Formation: Lans "J" Test Interval: 3985 -

Total Depth: 4007'

4007'

Time On: 22:23 01/11

Time Off: 05:29 01/12

Time On Bottom: 01:06 01/12 Time Off Bottom: 03:06 01/12

Down Hole Makeup

Heads Up:

14.52 FT

Packer 1:

3980 FT

Drill Pipe:

3847.79 FT

Packer 2:

3985 FT

ID-3 1/2

Top Recorder:

3969.42 FT

Weight Pipe:

0 FT

Bottom Recorder:

3987 FT

ID-2 7/8 Collars:

Well Bore Size:

7 7/8

ID-2 1/4

119.16 FT

Surface Choke:

1"

Test Tool:

33.57 FT

Bottom Choke:

5/8"

ID-3 1/2-FH

Jars Safety Joint

Total Anchor:

22

Anchor Makeup

Packer Sub:

1 FT

Perforations: (top):

0 FT

4 1/2-FH

Change Over: 0 FT

Drill Pipe: (in anchor):

0 FT

ID-3 1/2

Change Over:

0 FT

Perforations: (below):

21 FT

4 1/2-FH



Inc.

Lease: Kuntz #1

State: Kansas

Drilling Contractor: WW Drilling, LLC -

Rig 8

Elevation: 2478 GL Field Name: Wildcat Pool: WILDCAT Job Number: 103

DATE January 11

2018

DST #2 Formation: Lans "J" Test Interval: 3985 -

Total Depth: 4007'

4007'

Time On: 22:23 01/11

Time Off: 05:29 01/12

Time On Bottom: 01:06 01/12 Time Off Bottom: 03:06 01/12

Mud Properties

Mud Type: Chemical

Weight: 9.0

Viscosity: 53

Filtrate: 6.8

Chlorides: 3,500 ppm



Company: Palomino Petroleum, SEC: 13 TWIN: 145 KING: 26W

Inc.

Lease: Kuntz #1

State: Kansas

Drilling Contractor: WW Drilling, LLC -

Rig 8

Elevation: 2478 GL Field Name: Wildcat Pool: WILDCAT Job Number: 103

DATE January 12 2018

DST #3 Formation: Lans "K&L"

Test Interval: 4005 -

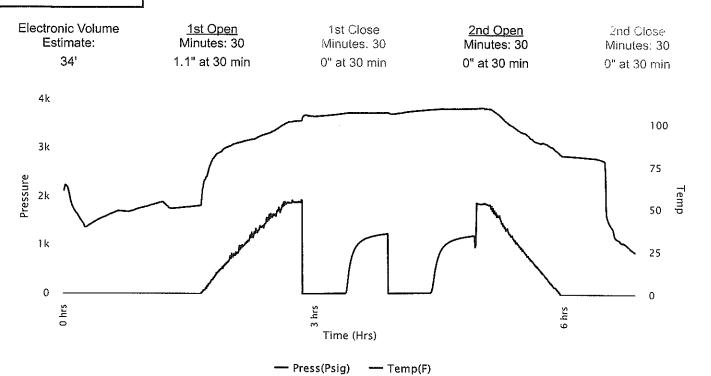
Total Depth: 4070'

4070'

Time On: 15:13 01/12

Time Off: 22:08 01/12

Time On Bottom: 17:59 01/12 Time Off Bottom: 19:59 01/12





Company: Palomino Petroleum, County: GOVE

Inc.

Lease: Kuntz #1

State: Kansas

Drilling Contractor: WW Drilling, LLC -

Rig 8

Elevation: 2478 GL Field Name: Wildcat Pool: WILDCAT Job Number: 103

DATE	
January	
12	
2018	

DST#3 Formation: Lans "K&L" Test Interval: 4005 -Total Depth: 4070' 4070'

Time On: 15:13 01/12 Time Off: 22:08 01/12

Time On Bottom: 17:59 01/12 Time Off Bottom: 19:59 01/12

Recovered

<u>Foot</u>	BBLS	Description of Fluid	<u>Gas %</u>	<u>Oil %</u>	<u>Water %</u>	<u> Mud %</u>
70	0.3444	HMCW	0	0	57	43

Total Recovered: 70 ft Recovery at a glance Reversed Out Total Barrels Recovered: 0.3444 NO 0.2 Initial Hydrostatic Pressure 1901 **PSI** Initial Flow 11 to 26 PSI 젊 0.1 Initial Closed in Pressure 1257 PSI Final Flow Pressure 28 to 41 PSI Final Closed in Pressure 1222 PSI 0 Recovery Final Hydrostatic Pressure 1899 PSI Temperature 110 °F Gas 🌑 Oil Water Mud 0% 0% 57% 43% Pressure Change Initial 2.8 % Close / Final Close



Company: Palomino Petroleum, County: GOVE

Inc.

Lease: Kuntz #1

Total Depth: 4070'

State: Kansas

Drilling Contractor: WW Drilling, LLC -

Rig 8

Elevation: 2478 GL Field Name: Wildcat Pool: WILDCAT Job Number: 103

DATE

January 12

2018

Formation: Lans "K&L" **DST #3**

Time On: 15:13 01/12

Test Interval: 4005 -4070'

Time Off: 22:08 01/12

Time On Bottom: 17:59 01/12 Time Off Bottom: 19:59 01/12

REMARKS:

Initial Flow: 1 in. blow. Initial Shut-in: No blow back.

Final Flow: No blow.

Final Shut-in: No blow back.

Tool Sample: 65% water, 35% mud

Diesel in bucket.

Ph: 8.5

RW: 1.4 @ 56 degrees F

Chlorides: 10,000 ppm



Inc.

Lease: Kuntz #1

State: Kansas

Drilling Contractor: WW Drilling, LLC -

Rig 8

Elevation: 2478 GL Field Name: Wildcat Pool: WILDCAT Job Number: 103

DATE January 12

2018

DST #3 Formation: Lans "K&L"

Test Interval: 4005 -

Total Depth: 4070'

4070'

Time On: 15:13 01/12

Time Off: 22:08 01/12

Time On Bottom: 17:59 01/12 Time Off Bottom: 19:59 01/12

Down Hole Makeup

Heads Up: 26.28 FT

Packer 1: 3999.7 FT

Drill Pipe: 3879.25 FT

Packer 2: 4004.7 FT

ID-3 1/2

Top Recorder:

3989.12 FT

Weight Pipe: 0 FT ID-2 7/8

Bottom Recorder: 4044 FT

Collars: 119.16 FT Well Bore Size:

7 7/8

5/8"

ID-2 1/4

Surface Choke: 1"

Bottom Choke:

33.57 FT

Test Tool: ID-3 1/2-FH

Jars

Safety Joint

Total Anchor:

1 FT

Anchor Makeup Packer Sub:

Perforations: (top): 4 FT

4 1/2-FH

Change Over: 1 FT

Drill Pipe: (in anchor): 31.30 FT

ID-3 1/2

Change Over: 1 FT

Perforations: (below): 27 FT

4 1/2-FH



Inc.

Lease: Kuntz #1

State: Kansas

Drilling Contractor: WW Drilling, LLC -

Rig 8

Elevation: 2478 GL Field Name: Wildcat Pool: WILDCAT Job Number: 103

DATE January

12 2018 DST#3 Formation: Lans "K&L"

Test Interval: 4005 -

Total Depth: 4070'

4070'

Time On: 15:13 01/12

Time Off: 22:08 01/12

Time On Bottom: 17:59 01/12 Time Off Bottom: 19:59 01/12

Mud Properties

Mud Type: Chemical

Weight: 9.1

Viscosity: 45

Filtrate: 8.0

Chlorides: 5,400 ppm