

Kansas Corporation Commission Oil & Gas Conservation Division

1267177

Form ACO-1
November 2016
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:	SecTwpS. R East _ West					
Address 2:	Feet from North / South Line of Section					
City: State: Zip: +	Feet from					
Contact Person:	Footages Calculated from Nearest Outside Section Corner:					
Phone: ()	□NE □NW □SE □SW					
CONTRACTOR: License #	GPS Location: Lat:, Long:					
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxxx)					
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84					
Purchaser:	County:					
Designate Type of Completion:	Lease Name: Well #:					
New Well Re-Entry Workover	Field Name:					
☐ Oil ☐ WSW ☐ SWD	Producing Formation:					
Gas DH EOR	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? Yes No					
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)					
Down't #	Chloride content:ppm Fluid volume: bbls					
☐ Commingled Permit #: Dual Completion Permit #:	Dewatering method used:					
SWD Permit #:	Location of fluid diagonal if hould offsite.					
EOR Permit #:	Location of fluid disposal if hauled offsite:					
GSW Permit #:	Operator Name:					
	Lease Name: License #:					
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R					
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 Approved by: Date:							

Page Two



Operator Name:					Lease Na	ıme: _			Well #:		
SecTwp	oS. F	R	East	West	County: _						
	flowing and sh	ut-in pressure	s, whe	ther shut-in pre	essure reache	ed stati	c level, hydrosta	tic pressures, t		val tested, time tool erature, fluid recovery,	
Final Radioactivit files must be sub							gs must be ema	iled to kcc-wel	l-logs@kcc.ks.gov	v. Digital electronic log	
Drill Stem Tests T			Ye	es No		L		on (Top), Depth		Sample	
Samples Sent to	Geological Sur	vey	Ye	es No		Nam	е		Тор	Datum	
Cores Taken Electric Log Run Geolgist Report / List All E. Logs R	_		 Y€ Y€	es No							
			Repo		RECORD conductor, surfa	Ne	w Used	on, etc.			
Purpose of Str	ing Siz	e Hole		e Casing	Weight		Setting	Type of	# Sacks	Type and Percent	
Fulpose of Sti	"' ^g D	rilled	Set	(In O.D.)	Lbs. / F	t.	Depth	Cement	Used	Additives	
				ADDITIONAL	CEMENTING	i / SQL	JEEZE RECORD				
Purpose:		Depth Bottom	Type	of Cement	# Sacks Used Type and Percent Additives						
Perforate Protect Cas	sing										
Plug Back Plug Off Zo											
1 lug Oli 20	JIIC .										
Did you perform	a hydraulic fractu	ring treatment o	n this w	ell?			Yes	No (If No,	skip questions 2 ar	nd 3)	
2. Does the volume	e of the total base	fluid of the hydr	aulic fra	cturing treatmen	t exceed 350,00	00 gallo	ns? Yes	No (If No,	skip question 3)		
3. Was the hydrauli	ic fracturing treatr	nent information	submit	ted to the chemic	cal disclosure re	egistry?	Yes	No (If No,	fill out Page Three	of the ACO-1)	
Date of first Produc	ction/Injection or F	Resumed Produc	ction/	Producing Met	hod:						
Injection:				Flowing	Pumping		Gas Lift C	other (Explain)			
Estimated Produc Per 24 Hours	tion	Oil Bbls	S.	Gas	Mcf	Wat	er Bl	ols.	Gas-Oil Ratio	Gravity	
DISPO	OSITION OF GAS	:		N	METHOD OF C	OMPLE	TION:			N INTERVAL:	
Vented	Sold Use	d on Lease		Open Hole	Perf.			nmingled	Тор	Bottom	
(If vente	d, Submit ACO-18.)				(Submit	ACO-5) (Subi	mit ACO-4)			
Shots Per	Perforation	Perforation	1	Bridge Plug	Bridge Plug		Acid,	Fracture, Shot, (Cementing Squeeze	Record	
Foot	Тор	Bottom		Туре	Set At			(Amount and k	Kind of Material Used)		
						-					
TUBING RECORE): Size:		Set At:	<u> </u>	Packer At:						

Form	ACO1 - Well Completion						
Operator	Palomino Petroleum, Inc.						
Well Name	Castle Rock 1						
Doc ID	1267177						

All Electric Logs Run

Dual Induction
Borehole Compensated Sonic
Micro Resistivity
Compensated Density Neutron

Form	ACO1 - Well Completion						
Operator	Palomino Petroleum, Inc.						
Well Name	Castle Rock 1						
Doc ID	1267177						

Tops

Name	Тор	Datum
Anhy.	1892	(+536)
Base Anhy.	1930	(+498)
Heebner	3667	(-1239)
Lansing	3704	(-1276)
Muncie Creek	3860	(-1432)
ВКС	4002	(-1574)
Marmaton	4021	(-1593)
Ft. Scott	4207	(-1779)
Cherokee Sh.	4231	(-1803)
Miss.	4292	(-1864)
LTD	4399	(-1971)

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	Castle Rock 1
Doc ID	1267177

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Type and Percent Additives
Surface	12.250	8.650	23	220	Common	3% cc, 2% gel



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

Date: 9/9/2015 **Invoice #** 1490

RECEIVED

P.O.#:

Balance Due: \$

3,329.57

SEP 1 2 2015

Due Date: 10/9/2015 Division: Russell

Invoice

Contact:

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

Reference:

CASTLE ROCK 1

Description of Work:

SURFACE JOB

Services / Items Included:	Quantity	Price	Taxable	ltem .	Quantity	Price	Taxable
Labor		\$ 606.13	No				_
Common-Class A	120	\$ 1,652.19	Yes				
Calcium Chloride	6	\$ 276.99	Yes				
Bulk Truck Matl-Material Service Charge	159	\$ 131.88	No				
Pump Truck Mileage-Job to Nearest Camp	47	\$ 214.40	No				
Bulk Truck Mileage-Job to Nearest Bulk Plant	47	\$ 136.44	No				-
Premium Gel (Bentonite)	3	\$ 40.51	Yes	POZ Mix-Standard	30	\$174.18	Yes

Invoice Terms:		SubTotal:	\$ 3,232.72
Net 30	Discount Available <u>ONLY</u> if Invoice is within listed	Paid & Received terms of invoice:	\$ (80.82)
	SubTot	tal for Taxable Items:	\$ 2,090.27
	SubTotal for	r Non-Taxable Items:	\$ 1,061.63
		Total:	\$ 3,151.90
	8.50% Gove County Sales Tax	Tax:	\$ 177.67
Thank You For Your Business!		Amount Due:	\$ 3,329.57
	Αp	plied Payments:	

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. 1490

Sec.	Twp. Range	C	ounty	St	ate	On	Location	Finish
Date 9-9-1-5 12	14 26	600	i yal	K S			^	8:15 P.W.
		Locatio	Collyer	105	ROK	2 2 W	25	4145into
Lease Ostle Rock	Well No.	Į	Owner					
Contractor (WW#12			To Quality O You are here	eby reques	sted to re	nt cementir	ng equipm	ent and furnish
Type Job Surface		}	cementer an	d helper to	assist c	wner or co	ntractor to	do work as listed.
Hole Size 12/4	T.D. 221		Charge To	alon	nino	Petro	oleum	<u> </u>
Csg. 25/8	Depth 220		Street					
Tbg. Size	Depth		City			State		
Tool	Depth		The above wa	as done to s	atisfaction	and superv	rision of own	ner agent or contractor.
Cement Left in Csg. 151	Shoe Joint		Cement Amo	ount Orde	red /50	0 80/20	<u>3/.0</u>	42/61
Meas Line	Displace 13BL							
EQUIPN	10 A S A S A S A S A S A S A S A S A S A		Common/	2 <i>0</i>				
Pumptrk D Helper	49		Poz. Mix 3	30				
Bulktrk No. Driver Driver	<u> </u>		Gel. 3					
Bulktrk 2 No. Driver Driver	A street in the		Calcium 4	, 2				
JOB SERVICES	& REMARKS		Hulls	Λ.		, (
Remarks:	-		Salt	£.				
Rat Hole			Flowseal					
Mouse Hole			Kol-Seal					
Centralizers			Mud CLR 48	3				
Baskets			CFL-117 or	CD110 CA	NF 38			
D/V or Port Collar			Sand	william .				
25/8 on bettom.	5st Crevlatre	n à	Handling /	59				
Mix1505KVDis	Nace.		Mileage	•				<i>yy</i>
		<i>r</i>	2//	FLO	AT EQUI	PMENT		
Cement	(irwhated		Guide Shoe	!				
			Centralizer					
		· ,	Baskets		***			*
		///	AFŲ Inserts	;				
			Float Shoe					
			Latch Down	:::: !		3000 100		**
				- W				
			Pumptrk Ch	arge 5	wfac	e		
		-	Mileage 4	17				
								āx
							Disco	unt
X Signature all Jan							Total Char	ge
			•					





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

Date: 9/17/2015 Invoice # 1494

SEP 2 2 20

P.O.#:

Due Date: 10/17/2015 Division: Russell

Invoice

Contact:

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

Reference:

CASTLE ROCK 1

Description of Work:

PLUG JOB

Services / Items Included:	Quantity		Price	Taxable	ltem .	Quantity		Price	Taxable
Labor		\$	606.13	Yes		-			, axabit
Common-Class A	144	\$	1,982.63	Yes					
POZ Mix-Standard	96	\$	557.36	Yes					
Pump Truck Mileage-Job to Nearest Camp	47	\$	214.40	Yes					
Bulk Truck Matl-Material Service Charge	248	\$	205.69	Yes					
Bulk Truck Mileage-Job to Nearest Bulk Plant	47	\$	136.44	Yes					
Premium Gel (Bentonite)	8	\$	108.02	Yes					
Flo Seal	60	\$	99.53	Yes					
Dry Hole Plug	1	\$	46.45	Yes					
Invoice Terms:						SubTotal:	ď	2.056.66	
						Sub i Olai.	Φ	3,956.66	
Net 30			Discou	ınt Availal	ble <u>ONLY</u> if Invoice is P	aid & Received	_		
						erms of invoice:	\$	(98.92)	
					SubTotal	for Taxable Items:	\$	3,857.74	-
					SubTotal for N	on-Taxable Items:	\$	-	
						Total:	\$	3,857.74	-
				8.50% Gov	e County Sales Tax	Tax:	\$	327.91	
Thank You For Your Business!						Amount Due:	\$	4,185.65	•
					Appl	ied Payments:			
						Balance Due:	\$	4,185.65	
Pact Dua Invaigna are authinat to a seri	iaa abauaa /	′ _		E O 40/1				•	

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 CEMERTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025

Home Office P.O. Box 32 Russell, KS 67665

No. 1494

Cell 785-324-1041	·						On Location	<u> </u>	Finish
Sec	c. Twp.	Range		County	Sta	ite	On Location	10	1 HIGH
Date 9-17-15 12	114 2	6	(900	<u>e</u> ,	K3			<u> </u>	15pm
			Location	or Ollyer	<u> </u>	KRY 6	2w 25 h	אווע tc	<u> </u>
Lease Castle Rock	C Wel	II No.		Owner			72.	- M	* 3
Contractor WW#12				To Quality O You are here	by request	ed to rent o	ementing equipn	nent and	furnish
Type Job Rotan Phra				cementer an	d helper to	assist own	er or contractor t	o do work	as listed.
Hole Size	T.D. 44	00		Charge To	elomina	, Pet.	•		•
Csg.	Depth			Street			` .		
Tbg. Size	Depth.			City			State		
Tool	Depth	,				- 1	d supervision of ov		
Cement Left in Csg.	Shoe Joint			Cement Amo	ount Order	ed 240	60/40 4. Ce	67 /4	#F/0
Meas Line	Displace								
	JIPMENT			Common	144				
Pumptrk 5 No. Cementer Helper	paig			Poz. Mix	96				
Bulktrk No. Driver Driver	100			Gel. 8	·.				
Bulktrk 9 No. Driver Driver	avid	7		Calcium					
JOB SERVIC	ES & REMARK	S		Hulls	,				
Remarks:				Salt					
Rat Hole 305K				Flowseal	60#				
Mouse Hole				Kol-Seal					
Centralizers				Mud CLR 4	8				
Baskets				CFL-117 or	CD110 CA	F 38			
D/V or Port Collar		(2)(2)		Sand					
151 1915	5105K			Handling	248_		· · ·		
2nd 895 1/	105K			Mileage				993500°	·
38 270 50	15K				FLOA	T EQUIPM	ENT		
Ht 40' 105	4			Guide Shoe)				: .
				Centralizer					
				Baskets	8 5/8	Dry He	ok Pla		
				AFU Inserts	5	<u> </u>			
				Float Shoe					
				Latch Dowr	1		***************************************		
				Pumptrk Cl	harge 🔏	Olus			
				Mileage 5	47	7			
	The state of the s		<u> </u>		-			Tax	
- Inn		annum function marin	×40-y-40	1			Disc	ount	
X Signature	- 6	- 		1			Total Ch	arge	
Signature and AND	The state of the s	/		J					

General Information Report

TIM VENTERS

TIM VENTERS

2015/09/13

11:17:00

18:13:00

General Information

PALOMINO PETROLEUM, INC. Representative **Company Name** Well Operator PALOMINO PETROLEUM, INC. **KLEE WATCHOUS** Contact **CASTLE ROCK #1** Report Date **Nell Name** Jnique Well ID DST #1, LANSING "B", 3735-3760 **Prepared By** Surface Location SEC 12-14S-26W, GOVE CO. KS. **SEAN DEENIHANW WILDCAT Qualified By** Field Vertical **Nell Type** CONVENTIONAL **Test Type DST #1, LANSING "B", 3735-3760** Formation 01 Oil **Nell Fluid Type** 2015/09/13 **Start Test Time Start Test Date Final Test Time**

2015/09/13

est Recovery:

Final Test Date

RECOVERED: 180' MCW, 71% WATER, 29% MUD

125' SMCW, 95% WATER, 5% MUD

1130' WATER, 100% WATER

1435' TOTAL FLUID

OOL SAMPLE: 96% WATER, 4% MUD

CHLORIDES: 47,000 ppm

PH: 6.5

₹W: .13 @ 87 deg.

I



P.O. Box 157 HOISINGTON, KANSAS 67544

(800) 542-7313

DRILL-STEM TEST TICKET FILE: CASTLEROCK1DST1

TIME ON: 11:17 TIME OFF:_ 18:13

Company PALOMINO PETROLEUM, IN	C.	_Lease & Well No. CA	STLE ROCK#	:1		
Contractor W W DRILLING, LLC RIG #12		Charge to PALOMING	O PETROLEU	M, INC.		
Elevation2427 KBFormation	LANSING "E	B"_Effective Pay		Ft. T	icket No	T493
Date 9-13-15 Sec. 12 Twp.						
Test Approved By SEAN DEENIHAN		_ Diamond Representative	еТ	IMOTHY	T. VENTER	.S
Formation Test No. 1 Interval Teste						
Packer Depth3730 ft. Size6	6 3/4 in.	Packer depth		ft. Si	ze <u>6 3/4</u>	in.
Packer Depth 3735 ft. Size 6						
Depth of Selective Zone Set						
Top Recorder Depth (Inside)	3716 _{ft.}	Recorder Number	550	04 Cap	5,0	00 p.s.i.
Bottom Recorder Depth (Outside)	3757 _{ft.}	Recorder Number			5,0	
Below Straddle Recorder Depth	ft.	Recorder Number				
Mud Type CHEMICAL Viscosity	53	Drill Collar Length				
Weight8.9 Water Loss		Weight Pipe Length_				
Chlorides		Drill Pipe Length				
Jars: MakeSTERLINGSerial Number	2					
	NO					
Main Hole Size7 7/8 Tool Joint Size_	4 1/2 XH in.	Surface Choke Size_	1	_in. Bo	ottom Choke S	Size_5/8_ir
Blow: 1st Open: GOOD 1 1/2 INCH BLC	W, BUILDING	, REACHING E	BOB 3 MII	٧.	(1/4" BB)	
2nd Open: GOOD 1 1/2 INCH BLOW	, BUILDING, R	REACHING BOB	3 1/2 MIN		(NO BB)	
Recovered 180 ft. of MCW, 71% WATER, 29					,	
Recovered 125 ft. of SMCW, 95% WATER,	-					***************************************
Recovered 1130 ft. of WATER, 100% WAT		**************************************				
Recovered 1435 ft. of TOTAL FLUID						
Recoveredft. of	CHLORIDE	S: 47,000 ppm		Price Jo	ob	
Recoveredft. of	PH: 6.5			Other C	harges	
Remarks:	RW: .13 @	2) 87 deg.		Insuran		
TOOL SAMPLE: 96% WATER, 4% MUD				Total		
Time Set Packer(s) 1:38 PM A.M. P.M.	Time Started Off Bo	ttom3:23 PM	A.M. P.M. Ma	ıximum Te	emperature _	125 deg.
nitial Hydrostatic Pressure		(A)	1785 _{P.S.I.}			
Initial Flow Period Minute	es15_	(B)	63 _{P.S.I. t}	o (C)	362	P.S.I.
nitial Closed In PeriodMinut	es30	(D)	1208 _{P.S.I.}			
Final Flow PeriodMinute	es30	(E)	375 P.S.I. to	o (F)	700	P.S.L
Final Closed In PeriodMinute	es30	(G)	1204 P.S.I.			
Final Hydrostatic Pressure		(H)	1781 _{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

TIM VENTERS

General Information

PALOMINO PETROLEUM, INC. Representative Company Name Well Operator PALOMINO PETROLEUM, INC. **KLEE WATCHOUS** Contact 2015/09/14 **CASTLE ROCK #1** Report Date **Nell Name TIM VENTERS** Jnique Well ID DST #2, LANSING "D", 3767-3790 **Prepared By** Surface Location SEC 12-14S-26W, GOVE CO. KS. **SEAN DEENIHAN Qualified By WILDCAT** Field Vertical **Nell Type** CONVENTIONAL **Test Type DST #2, LANSING "D", 3767-3790** Formation 01 Oil **Nell Fluid Type**

00:59:00 2015/09/14 **Start Test Time Start Test Date** 08:15:00 **Final Test Time** 2015/09/14 Final Test Date

est Recovery:

RECOVERED: 515' MCW, 76% WATER, 24% MUD

1380' WATER 100% WATER 60' SMCW, 95% WATER, 5% MUD

1955' TOTAL FLUID

OOL SAMPLE: 100% WATER

CHLORIDES: 44,000 ppm

PH: 7.0

RW: .16 @ 71 deg.



P.O. Box 157

HOISINGTON, KANSAS 67544 (800) 542-7313

DRILL-STEM TEST TICKET FILE: CASTLEROCK1DST2

TIME ON: 00:59 TIME OFF: 08:15

Company PALOMINO PETROL	EUM, INC.		Lease & Well No. CA	STLE ROCK#	1				
Contractor W W DRILLING, LLC RI									
Elevation 2427 KB Forma	tionLA	NSING "D"	Effective Pay		Ft.	Ticket No	o	Г494	
Date 9-14-15 Sec. 12									;
Test Approved By SEAN DEENIHAN			Diamond Representativ	eTI	MOTH'	Y T. VEI	NTERS		
Formation Test No. 2 Ir			67 _{ft. to}	3790 ft. To	tal Depth	n		3790 ft.	
Packer Depth3762 ft.	Size6 3/4	in.	Packer depth		ft. S	Size6	3/4	in.	
Packer Depth3767_ft.	Size6 3/4	in.	Packer depth		ft. S	Size <u>6</u>	3/4	in.	
Depth of Selective Zone Set							·····		
Top Recorder Depth (Inside)	3		Recorder Number						
Bottom Recorder Depth (Outside)	3	787 _{ft.}	Recorder Number	1102	29_Cap.		5,02	⁵ _P.S.I.	
Below Straddle Recorder Depth			Recorder Number						
Mud Type CHEMICAL Viscosit	y53		Drill Collar Length	11	<u>9</u> ft. 1.	D	2 1/4	4ir	٦.
Weight8.9 Water Loss	8.8	cc.	Weight Pipe Length_		0_ft. 1	.D	2 7/8	<u> </u>	n
Chlorides	2,200	P.P.M.	Drill Pipe Length	361	5 _{ft.} 1	.D	3 1/2	2 i	n
Jars: Make <u>STERLING</u> Serial Nu	mber2		Test Tool Length	3	3 _{ft.} 7	ool Size	3 1/2	2-IF i	nı
Did Well Flow? NO Rev	ersed OutY	'ES	Anchor Length	2	.3 _{ft.} 8	Size	4 1/2	2-FH i	in
Main Hole Size 7 7/8 Too								ze_5/8_i	in
Blow: 1st Open: STRONG 6 INC	CH BLOW, BU	ILDING,	REACHING B	OB 45 SE	C.	(WS	BB)		
2nd Open: STRONG 3 1/2 II	NCH BLOW, BU	JILDING	, REACHING B	OB 1 1/2 M	IIN.	(NO	BB)		
Recovered 515 ft. of MCW, 76%	WATER, 21% MUD								
Recovered 1380 ft. of WATER 100)% WATER				·····				
Recovered 60 ft. of SMCW, 95	% WATER, 5% N	IUD							
Recovered 1955 ft. of TOTAL FL	UID				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		4		
Recovered ft. of	(CHLORIDES	S: 44,000 ppm		Price	Job			
Recovered ft. of	ļ	PH: 7.0			Other	Charges			
Remarks:		RW: .16 @) 71 deg.		Insura	ance			
TOOL SAMPLE: 100% WATER					Total				_
Time Set Packer(s) 3:54 AM	A.M. P.M. Time Sta	arted Off Bol	5:24 AM	A.M. P.M. Ma	aximum	Tempera	ture1	25 deg.	
Initial Hydrostatic Pressure			(A)	1792 P.S.I.					
Initial Flow Period	Minutes	15	(B)	234 _{P.S.L}	to (C)		_664_I	P.S.I.	
Initial Closed In Period	Minutes	30	(D)	1212 P.S.I.					
Final Flow Period	Minutes	15	(E)	709 P.S.I.	to (F)		939 _F	P.S.I.	
Final Closed In Period	Minutes	30	(G)	1213 P.S.I.					
Final III. day statis Decours			(H)	1788 _{P.S.I.}					

General Information Report

Representative

Well Operator

Report Date

Prepared By

Qualified By

Start Test Time

Final Test Time

General Information

PALOMINO PETROLEUM, INC. **Company Name KLEE WATCHOUS** Contact **Nell Name CASTLE ROCK #1 DST #2, LANSING "D", 3767-3790** Jnique Well ID Surface Location SEC 12-14S-26W, GOVE CO. KS. WILDCAT Field Vertical **Nell Type** CONVENTIONAL **Test Type DST #2, LANSING "D", 3767-3790** -ormation 01 Oil **Nell Fluid Type**

TIM VENTERS

TIM VENTERS

SEAN DEENIHAN

2015/09/14

00:59:00

08:15:00

PALOMINO PETROLEUM, INC.

Start Test Date 2015/09/14 Final Test Date

2015/09/14

est Recovery:

RECOVERED: 515' MCW, 76% WATER, 24% MUD

1380' WATER 100% WATER 60' SMCW, 95% WATER, 5% MUD

1955' TOTAL FLUID

OOL SAMPLE: 100% WATER

CHLORIDES: 44,000 ppm

'H: 7.0

RW: .16 @ 71 deg.



P.O. Box 157

HOISINGTON, KANSAS 67544 (800) 542-7313

DRILL-STEM TEST TICKET FILE: CASTLEROCK1DST2

TIME ON: 00:59 TIME OFF: 08:15

Company PALOMINO PETROLEUM, INC.	Lease & Well No. CASTLE ROCK #1
	Charge to PALOMINO PETROLEUM, INC.
Elevation 2427 KB Formation LANSING "D	Effective PayFt. Ticket NoT494
Date <u>9-14-15</u> Sec. <u>12</u> Twp. <u>14</u> S Ra	
Test Approved By SEAN DEENIHAN	Diamond Representative TIMOTHY T. VENTERS
Formation Test No. 2 Interval Tested from 37	
Packer Depthin.	Packer depthft. Size6_3/4in.
Packer Depth3767_ft. Size6_3/4in.	Packer depthft. Size6_3/4in.
Depth of Selective Zone Set	
Top Recorder Depth (Inside) 3748 ft.	Recorder Number
Bottom Recorder Depth (Outside)ft.	Recorder Number 11029 Cap. 5,025 P.S.I.
Below Straddle Recorder Depthft.	Recorder Number Cap P.S.I.
Mud Type CHEMICAL Viscosity 53	Drill Collar Length119 ft. I.D2 1/4 in.
	Weight Pipe Length 0 ft. I.D. 2 7/8 in
Chlorides 2,200 P.P.M.	Drill Pipe Length 3615 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 YES	Anchor Length 23 ft. Size 4 1/2-FH ir
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: STRONG 6 INCH BLOW, BUILDING,	REACHING BOB 45 SEC. (WS BB)
^{2nd Open:} STRONG 3 1/2 INCH BLOW, BUILDING	REACHING BOB 1 1/2 MIN. (NO BB)
Recovered 515 ft. of MCW, 76% WATER, 21% MUD	
Recovered 1380 ft. of WATER 100% WATER	
Recovered 60 ft. of SMCW, 95% WATER, 5% MUD	
Recovered1955 ft. of TOTAL FLUID	
Recoveredft. ofCHLORIDE	S: 44,000 ppm Price Job
Recoveredft. ofPH: 7.0	Other Charges
Remarks: RW: .16 @	71 deg. Insurance
TOOL SAMPLE: 100% WATER	Total
Time Set Packer(s) 3:54 AM P.M. Time Started Off Bot	tom5:24 AMP.MMaximum Temperature125 deg.
nitial Hydrostatic Pressure	
nitial Flow PeriodMinutes15	(B) 234 P.S.I. to (C) 664 P.S.I.
nitial Closed In Period	(D)1212 _{P.S.I.}
Final Flow Period	(E)P.S.I. to (F)P.S.I.
Final Closed In PeriodMinutes30	(G) 1213 P.S.I.
Final Hydrostatic Pressure	(H) 1788 _{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

TIM VENTERS

General Information

Company Name	PALOMINO PETROLEUM, INC. KLEE WATCHOUS	Representative Well Operator	TIM VENTERS PALOMINO PETROLEUM, INC.
Nell Name	CASTLE ROCK #1	Report Date	2015/09/15
Jnique Well ID	DST #3, LANSING "H&I", 3855-3909	Prepared By	TIM VENTERS
Surface Location	SEC 12-14S-26W, GOVE CO. KS.		
Field	WILDCAT	Qualified By	SEAN DEENIHAN
Nell Type	Vertical		
Test Type	CONVENTIONAL		
Formation	DST #3, LANSING "H&I", 3855-3909		
Nell Fluid Type	01 Oil		
Start Test Date	2015/09/14 2015/09/15	Start Test Time Final Test Time	

est Recovery:

RECOVERED: 15' M W/SP. O, SPECKS OIL, 100% MUD

'OOL SAMPLE: SPECKS OIL, 100% MUD

P.O. Box 157

HOISINGTON, KANSAS 67544 (800) 542-7313

DRILL-STEM TEST TICKET

TIME ON: 19:26 9-14-15

TIME OFF: 02:11 9-15-15

FILE: CASTLEROCK1DST3 Company PALOMINO PETROLEUM, INC. __Lease & Well No. CASTLE ROCK #1 Contractor W W DRILLING, LLC RIG #12 Charge to PALOMINO PETROLEUM, INC. LANSING "H&I" Effective Pay 2427 KB T495 Elevation Formation___ Ft. Ticket No. 12 GOVE 9-14-15 Sec. 26 W County KANSAS 14 S Range Date State Test Approved By SEAN DEENIHAN TIMOTHY T. VENTERS Diamond Representative 3855 ft. to 3909 ft. Total Depth____ Formation Test No. 3909 ft. Interval Tested from 3850 ft. Size 6 3/4 Packer depth _____ft. Size 6 3/4 Packer Depth in. 3855 ft. Size 6 3/4 6 3/4 Packer Depth ft. Size Packer depth in. Depth of Selective Zone Set 3836 ft. 5504 Cap. 5,000 P.S.I. Top Recorder Depth (Inside) Recorder Number 5,025 P.S.I. 3906 ft. 11029 Cap. Bottom Recorder Depth (Outside) Recorder Number Below Straddle Recorder Depth Recorder Number Cap. P.S.I. CHEMICAL Viscosity 47 119 ft. I.D.____ 2 1/4 Mud Type Drill Collar Length in. 9.1 9.6 0 ft. I.D. cc. Weight Pipe Length 2 7/8 Weight Water Loss 3703 ft. I.D.___ 3,300 P.P.M. 3 1/2 Chlorides Drill Pipe Length 33 ft. Tool Size 3 1/2-IF Jars: Make STERLING Serial Number Test Tool Length NO 23 ft. NO Reversed Out Size 4 1/2-FH Did Well Flow? Anchor Length 31' 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 Blow: 1st Open: WEAK SURFACE BLOW, BUILDING TO 1/2 INCH. (NO BB) ^{2nd Open:}WEAK SURFACE BLOW THROUGHOUT PERIOD. (NO BB) 15 $_{\rm ft,\ of}$ M W/SP. O, SPECKS OIL, 100% MUD Recovered Recovered ft. of ft. of ____ Recovered Recovered ft. of Price Job Recovered ft. of ft. of Other Charges Recovered Insurance Remarks: TOOL SAMPLE: SPECKS OIL 100% MUD Total

TOOL SAWIPLE. SPE	CNS OIL, 100%	טטועו פ					TOTAL	
Time Set Packer(s)	9:44 PM	A.M. P.M. T	ime Started Off Botto	m	11:44 PM	A.M. P.M.	Maximum Tem	perature 113 deg.
Initial Hydrostatic Press	sure	************************		. (A)_		1831 _{P.}	S.I.	
Initial Flow Period		Minutes	30	_(B)_		23 _{P.}	S.I. to (C)	35 _{P.S.I.}
Initial Closed In Period.	*******************	Minute	s30	_(D)_		1118 _{P.} ;	S.I.	
Final Flow Period		Minute:	s30	_(E)_		37 p.s	S.I. to (F)	44 _{P.S.I.}
Final Closed In Period		Minutes	30	_(G)_		1025 P.S	S.1.	
Final Hydrostatic Press	ure			(H)		1828 p.s	3.1	

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General Information Report

General Information

Company Name Contact	PALOMINO PETROLEUM, INC. KLEE WATCHOUS	Representative Well Operator	TIM VENTERS PALOMINO PETROLEUM, INC.
Nell Name	CASTLE ROCK #1	Report Date	2015/09/15
Jnique Well ID	DST #3, LANSING "H&I", 3855-3909	Prepared By	TIM VENTERS
Surface Location	SEC 12-14S-26W, GOVE CO. KS.		
Field	WILDCAT	Qualified By	SEAN DEENIHAN
Nell Type	Vertical		
Test Type	CONVENTIONAL		
Formation	DST #3, LANSING "H&I", 3855-3909		
Nell Fluid Type	01 Oil		
Start Test Date	2015/09/14	Start Test Time	19:26:00
Final Test Date	2015/09/15	Final Test Time	02:11:00
mai rest Date	2010/00/10	i mai roce i mio	

est Recovery:

RECOVERED: 15' M W/SP. O, SPECKS OIL, 100% MUD

OOL SAMPLE: SPECKS OIL, 100% MUD

P.O. Box 157

HOISINGTON, KANSAS 67544

(800) 542-7313

DRILL-STEM TEST TICKET FILE: CASTLEROCK1DST3

TIME ON: 19:26 9-14-15 TIME OFF: 02:11 9-15-15

Company PALOMINO PETROLEUM, INC. Lease & Well No. CASTLE ROCK #1 Charge to PALOMINO PETROLEUM, INC. Contractor W W DRILLING, LLC RIG #12 T495 LANSING "H&I" Effective Pay_ Ft. Ticket No. 2427 KB Formation Elevation KANSAS GOVE 26 W County_ State 14 S Range____ 12 Twp._ Date 9-14-15 Sec. TIMOTHY T. VENTERS Test Approved By_SEAN DEENIHAN Diamond Representative_ 3909 ft. 3909 ft. Total Depth__ 3855 ft. to Interval Tested from____ Formation Test No. 6 3/4 3850 ft. Size_ ft. Size in. 6 3/4 Packer depth____ Packer Depth ft. Size in. 3855 ft. Size 6 3/4 Packer depth Packer Depth Depth of Selective Zone Set 5,000 P.S.I. 5504 Cap. 3836 ft. Recorder Number____ Top Recorder Depth (Inside) 5,025 _{P.S.I.} 11029 Cap. 3906 ft. Recorder Number Bottom Recorder Depth (Outside) Cap.____ P.S.I. Recorder Number_ Below Straddle Recorder Depth 119 ft. I.D. 2 1/4 47 Drill Collar Length CHEMICAL Viscosity Mud Type 0 ft. I.D. 2 7/8 9.6 9.1 cc. Weight Pipe Length_ Water Loss____ Weight 3703 ft. I.D. 3 1/2 3,300 p.m. Drill Pipe Length Chlorides 33 ft. Tool Size 3 1/2-IF 2 **STERLING** Test Tool Length Jars: Make Serial Number 23 ft. Size _ 4 1/2-FH NO NO Anchor Length Reversed Out Did Well Flow? 31' DP IN ANCHOR in. Bottom Choke Size_5/8 4 1/2 XH in. 7 7/8 Surface Choke Size **Tool Joint Size** Main Hole Size Blow: 1st Open: WEAK SURFACE BLOW, BUILDING TO 1/2 INCH. (NO BB) (NO BB) 2nd Open: WEAK SURFACE BLOW THROUGHOUT PERIOD. 15 ft. of M W/SP. O, SPECKS OIL, 100% MUD Recovered ft. of _____ Recovered ft. of _____ Recovered ft. of Recovered Price Job ft. of Recovered Other Charges ft. of Recovered Insurance Remarks: Total TOOL SAMPLE: SPECKS OIL, 100% MUD A M A.M. 113 deg. 11:44 PM 9:44 PM P.M. Maximum Temperature Time Started Off Bottom Time Set Packer(s) P.M. 1831 P.S.I. Initial Hydrostatic Pressure......(A) 35 P.S.I. 23 P.S.I. to (C)____ (B) Initial Flow Period.......Minutes_ 1118 P.S.I. 30 (D) 30 37 P.S.I. to (F) (E) Final Flow Period Minutes 1025 P.S.I. 30 (G) Final Closed In Period......Minutes 1828 P.S.I. . (H) 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

TIM VENTERS

General Information

Representative PALOMINO PETROLEUM, INC. **Company Name** Well Operator PALOMINO PETROLEUM, INC. **KLEE WATCHOUS** Contact 2015/09/15 Report Date **CASTLE ROCK #1 Nell Name TIM VENTERS Prepared By** Jnique Well ID DST #4, LANSING "K", 3914-3972 Surface Location SEC 12-14S-26W, GOVE CO. KS. **SEAN DEENIHAN Qualified By WILDCAT** Field Vertical **Nell Type** CONVENTIONAL **Test Type DST #4, LANSING "K", 3914-3972 Formation** 01 Oil **Nell Fluid Type** 11:57:00 Start Test Time 2015/09/15 **Start Test Date** 19:07:00 **Final Test Time** 2015/09/15 Final Test Date

est Recovery:

RECOVERED: 35' MCW W/TR. O, TRACE OIL, 66% WATER, 34% MUD

185' MCW, 72% WATER, 28% MUD

220' TOTAL FLUID

OOL SAMPLE: TRACE OIL, 64% WATER, 36% MUD

CHLORIDES: 37,000 ppm

PH: 7.0

RW: .17 @ 86 deg.

P.O. Box 157

HOISINGTON, KANSAS 67544 (800) 542-7313

DRILL-STEM TEST TICKET

TIME ON: 11:57
TIME OFF: 19:07

FILE: CASTLEROCK1DST4

Company PALOMINO PETROLE	EUM, INC.		Lease & Well No. CAS	STLE ROCK #1			
Contractor W W DRILLING, LLC RIG	G #12		Charge to PALOMING	D PETROLEUM, I	NC.		
Elevation 2427 KB Formati	onLA	NSING "K"	Effective Pay		_Ft. Ticket	INO.	T496
Date 9-15-15 Sec 12	Twp	<u>14</u> S Rar	nge26	W County	GOVE	State_	KANSAS
Test Approved By SEAN DEENIHAN			Diamond Representative	= TIMO	OTHY T. V	ENTERS	
Formation Test No. 4 Int	erval Tested from	391	14 ft. to	3972 ft. Total I	Depth		3972 ft.
Packer Depth3909 ft.	Size 6 3/4	_ in.	Packer depth		_ft. Size	6 3/4	in.
Packer Depth3914 ft.	Size6_3/4	in.	Packer depth		_ft. Size	6 3/4	in.
Depth of Selective Zone Set							
Top Recorder Depth (Inside)	3	895 _{ft.}	Recorder Number	5504	Сар		
Bottom Recorder Depth (Outside)	3	969 _{ft.}	Recorder Number	11029	Сар	5,02	P.S.I.
Below Straddle Recorder Depth		ft.	Recorder Number		Сар		P.S.I.
Mud Type CHEMICAL Viscosity	53		Drill Collar Length				<u>/4</u> in.
Weight9.1 Water Loss	8.8	cc.	Weight Pipe Length_	0 ,	ft. I.D	2 7	<u>'8</u> in
Chlorides	0.500	P.P.M.	Drill Pipe Length	3762	t. I.D	3 1.	<u>/2</u> in
lars: Make STERLING Serial Nu	mber 2		Test Tool Length				/2-IFin
Did Well Flow? NO Rev	ersed Out	NO	Anchor Length	27	ft. Size _	4 1	<u>/2-FH</u> in
Main Hole Size 7 7/8 Tool	Joint Size 4 1/2	2 XH in.	Surface Choke Size_	i	n. Bottom	n Choke Si	ze_5/8_in
Blow: 1st Open: WEAK SURFAC	CE BLOW, BL	JILDING	TO 5 INCHES	•	(NO	O BB)	
2nd Open: WEAK SURFACE					(NC	D BB)	
Recovered 35 ft. of MCW W/TR.	O, TRACE OIL, 66	6% WATER	, 34% MUD				
Recovered 185 ft. of MCW, 72%	WATER, 28% MUD)					
Recovered 220 ft. of TOTAL FLU	DIL					· · · · · · · · · · · · · · · · · · ·	
Recovered ft. of							
Recoveredft. of					Price Job		
Recovered ft. of		wa			Other Char	ges	
Remarks:					Insurance		
TOOL SAMPLE: TRACE OIL, 64% W.	ATED 26% MUD				Total		
	A.M.		5:00 PM				117 dea
Time Set Packer(s) 2:00 PM	_P.M. Time St	arted Off Bo	ottom5.00 FIVI		mum Temp	erature _	117 deg.
Initial Hydrostatic Pressure			(A)	1867 P.S.I.		00	•
Initial Flow Period	Minutes	30	(B)	25 P.S.I. to	(C)	82	P.S.I.
Initial Closed In Period	Minutes	30	(D)	1278 _{P.S.I.}		125	
Final Flow Period	Minutes	60	(E)	84 P.S.I. to	(F)	120	P.S.I.
Final Closed In Period	Minutes	60	(G)	1260 P.S.I.			
Final Hydrostatic Pressure	*************		(H)	1866 _{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 CASTLE ROCK #1** Report Date 2015/09/16 Jnique Well ID DST #5, LANSING "L", 3958-3994 **Prepared By TIM VENTERS** Burface Location SEC 12-14S-26W, GOVE CO. KS. Field **WILDCAT Qualified By SEAN DEENIHAN Nell Type** Vertical **Fest Type** CONVENTIONAL DST #5, LANSING "L", 3958-3994 Formation **Nell Fluid Type** 01 Oil **Start Test Date** 2015/09/16 **Start Test Time** 01:49:00 Final Test Date 2015/09/16 **Final Test Time** 08:23:00

est Recovery:

RECOVERED: 65' SOCM, 14% OIL, 86% MUD

OOL SAMPLE: 34% OIL, 9% WATER, 57% MUD

CHLORIDES: 22,000 ppm

'H: 8.5

₹W: .42 @ 72 deg.



P.O. Box 157

HOISINGTON, KANSAS 67544 (800) 542-7313

DRILL-STEM TEST TICKET

TIME ON: 01:49 TIME OFF: _08:23

			FILE: CASTLEROCK1DST5				
Company PA	ALOMINO PE	ETROLEUM, INC.	Lease & Well No. CASTLE ROCK	K #1			
Contractor W	W DRILLING,	LLC RIG #12	Charge to PALOMINO PETROLE	EUM, INC.			
Elevation	2427 KB	Formation	LANSING "L" Effective Pay	Ft.	Ticket No	T497	

Contractor W W DRILLING, LLC RIG #1	2	Charge to PALUIVIIN	O PETROLEUM, IN	C.	
Elevation 2427 KB Formation	LANSING	"L"_Effective Pay	F	ft. Ticket No	Γ497
Date <u>9-16-15</u> Sec. 12 Tw	p <u>14</u> S F	Range2	6 W County	GOVE State	KANSAS
Test Approved By SEAN DEENIHAN		Diamond Representativ	eTIMO	THY T. VENTERS	
Formation Test No. 5 Interval	Tested from 3	958 _{ft. to}	3994 ft. Total De	epth	3994 ft.
Packer Depthft. Size	6 3/4 in.	Packer depth	ft	Size 6 3/4	in.
Packer Depth3958_ft. Size	6 3/4 in.	Packer depth	ft	Size <u>6 3/4</u>	in.
Depth of Selective Zone Set					
Top Recorder Depth (Inside)	3939 _{ft.}	Recorder Number	5504 Ca	ap. 5,000	P.S.I.
Bottom Recorder Depth (Outside)	3991 _{ft.}	Recorder Number	11029 _C	ap5,028	P.S.I.
Below Straddle Recorder Depth	ft.				
Mud Type CHEMICAL Viscosity	53	Drill Collar Length	119 _{ft.}	I.D. 2 1/4	in.
Weight 9.1 Water Loss	8.8 _{CC}	c. Weight Pipe Length_	0 _{ft} .	I.D. 2 7/8	3 in
Chlorides	3,500 P.P.M.	Drill Pipe Length	3806 _{ft.}	I.D. 3 1/2	2 in
Jars: Make STERLING Serial Number		Test Tool Length	33 _{ft.}	Tool Size 3 1/2	2-IFini
Did Well Flow? NO Reversed	OutNO	Anchor Length	36 _{ft.}	Size4 1/2	2-FH in
Main Hole Size 7 7/8 Tool Joint	Size 4 1/2 XH in.	Surface Choke Size_	1in.	Bottom Choke Siz	e_5/8_in
Blow: 1st Open: WEAK SURFACE E	BLOW, BUILDING	G TO 3 INCHES	•	(NO BB)	
Blow: 1st Open: WEAK SURFACE BL			•	(NO BB) (NO BB)	
	OW, BUILDING 1	TO 3 INCHES.		(NO BB)	
2nd Open: WEAK SURFACE BL Recovered 65 ft. of SOCM, 14% OIL,	OW, BUILDING 1	TO 3 INCHES.		(NO BB)	
2nd Open: WEAK SURFACE BL	OW, BUILDING 1	TO 3 INCHES.		(NO BB)	
2nd Open: WEAK SURFACE BL Recovered 65 ft. of SOCM, 14% OIL, Recovered ft. of	OW, BUILDING 1	TO 3 INCHES.		(NO BB)	
2nd Open: WEAK SURFACE BL Recovered 65 ft. of SOCM, 14% OIL, Recovered ft. of Recovered ft. of Recovered ft. of	OW, BUILDING 1	TO 3 INCHES.		(NO BB)	
2nd Open: WEAK SURFACE BL Recovered 65 ft. of SOCM, 14% OIL, Recovered ft. of Recovered ft. of Recovered ft. of Recovered ft. of	OW, BUILDING 1	TO 3 INCHES.	Prid	(NO BB)	
2nd Open: WEAK SURFACE BL Recovered 65 ft. of SOCM, 14% OIL, Recovered ft. of Recovered ft. of Recovered ft. of	OW, BUILDING 1 86% MUD CHLORIE PH: 8.5	TO 3 INCHES.	Prie Ott	(NO BB)	
2nd Open: WEAK SURFACE BL Recovered 65 ft. of SOCM, 14% OIL, Recovered ft. of	CHLORIE PH: 8.5 RW: .42	DES: 22,000 ppm	Pric Ott Ins	(NO BB) ce Job ner Charges urance	
2nd Open: WEAK SURFACE BL Recovered 65 ft. of SOCM, 14% OIL, Recovered ft. of Remarks: TOOL SAMPLE: 34% OIL, 9% WATER, 579	CHLORIE PH: 8.5 RW: .42	DES: 22,000 ppm	Pric Ott	(NO BB) ce Job ner Charges urance	
2nd Open: WEAK SURFACE BL Recovered 65 ft. of SOCM, 14% OIL, Recovered ft. of	CHLORIE PH: 8.5 RW: .42	DES: 22,000 ppm @ 72 deg.	Pric Ott	(NO BB) ce Job ner Charges urance	13 deg.
2nd Open: WEAK SURFACE BL Recovered 65 ft. of SOCM, 14% OIL, Recovered ft. of Remarks: TOOL SAMPLE: 34% OIL, 9% WATER, 579	CHLORIE PH: 8.5 RW: .42	© 72 deg. 8ottom 6:18 AM	Pric Ott	(NO BB) ce Job ner Charges urance	13 deg.
2nd Open: WEAK SURFACE BL Recovered 65 ft. of SOCM, 14% OIL, Recovered ft. of Tool SAMPLE: 34% OIL, 9% WATER, 579 Time Set Packer(s) 4:18 AM A.M. P.M.	CHLORIE PH: 8.5 RW: .42	© 72 deg. 8ottom 6:18 AM	Prid Ott Ins Tot A.M. P.M. Maximu	(NO BB) ce Job ner Charges urance tal um Temperature1	
2nd Open: WEAK SURFACE BL Recovered 65 ft. of SOCM, 14% OIL, Recovered ft. of Remarks: TOOL SAMPLE: 34% OIL, 9% WATER, 579 Time Set Packer(s) 4:18 AM A.M. P.M. Initial Hydrostatic Pressure	CHLORIE PH: 8.5 RW: .42 6 MUD Time Started Off E	© 3 INCHES. DES: 22,000 ppm © 72 deg. Bottom 6:18 AM (A)(B)(D)	Prid Oth Ins Tot A.M. P.M. Maximu 1879 P.S.I.	(NO BB) ce Job ner Charges urance tal am Temperature1	P.S.I.
2nd Open: WEAK SURFACE BL Recovered 65 ft. of SOCM, 14% OIL, Recovered ft. of Tool Sample: 34% OIL, 9% Water, 579 Time Set Packer(s) 4:18 AM A.M P.M Initial Hydrostatic Pressure	CHLORIE PH: 8.5 RW: .42 6 MUD Time Started Off E Minutes 30 Minutes 30	72 deg. 80ttom 6:18 AM (B) (D) (E)	Prid Ott Ins Tot A.M. P.M. Maximu 1879 P.S.I. 23 P.S.I. to (C)	(NO BB) ce Job ner Charges urance tal am Temperature 1	P.S.I.

Final Hydrostatic Pressure.....(H) 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

1872 _{P.S.I.}