

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1088696

Form ACO-1 June 2009 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:	
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from Cast / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
	Amount of Surface Pipe Set and Cemented at: Feet
Gas D&A ENHR SIGW	Multiple Stage Cementing Collar Used?
OG GSW Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl., etc.):	feet depth to:w/sx cmt
If Workover/Re-entry: Old Well Info as follows:	
Operator:	Drilling Fluid Management Plan
Well Name:	(Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	Chloride content: ppm Fluid volume: bbls
Deepening Re-perf. Conv. to ENHR Conv. to SWD	
Conv. to GSW	Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	
ENHR Permit #:	Quarter Sec TwpS. R East West
GSW Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date Recompletion Date	

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
Letter of Confidentiality Received
Date:
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I II III Approved by: Date:

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

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Shi	eets)	Yes	No		og Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geolog	,	Yes	No	Nam	e		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted B (If no, Submit Copy)	Electronically	Yes Yes Yes Yes] No] No] No					
List All E. Logs Run:								
			CASING R			on etc		
Purpose of String	Size Hole Drilled	Size Casin Set (In O.D	g	onductor, surface, inte Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing Plug Back TD				
Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated					ement Squeeze Record I of Material Used)	Depth			
TUBING RECORD:	Siz	:e:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed P	Producti	on, SWD or ENHF	₹.	Producing N	1ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO	N OF G	BAS:			METHOD	OF COMPLE	TION:		PRODUCTION INT	ERVAL:
Vented Sold		Jsed on Lease		Open Hole	Perf.	Dually (Submit A	Comp. AC <i>O-5)</i>	Commingled (Submit ACO-4)		
(If vented, Subr	nit ACO	-18.)		Other (Specify)						

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	Slover 'S' 1
Doc ID	1088696

Tops

Name	Тор	Datum
Anhy.	1417	(+759)
Base Anhy.	1757	(+719)
Heebner	3634	(-1458)
Lansing	3676	(-1500)
ВКС	3997	(-1822)
Pawnee	4077	(-1901)
Ft. Scott	4156	(-1980)
Cherokee Sh.	4176	(-2000)
Mississippian	4267	(-2091)
LTD	4342	(-2166)



PO Box 93999 Southlake, TX 76092

Voice: (817) 546-7282 Fax: (817) 246-3361

Bill To:

Palomino Petroleum, Inc. 4924 SE 84th St. Newton, KS 67114-8827

ONLY IF PAID ON OR BEFORE May 22, 2012

Customer ID	Well Name# or Customer P.O.	Paymen	t Terms
Palo	Slover #1	Net 30	Days
Job Location	Camp Location	Service Date	Due Date
KS1-03	Great Bend	Apr 27, 2012	5/27/12

Quantity	Item	Description	Unit Price	Amount
108.00	MAT	Class A Common	16.25	1,755.00
72.00	MAT	Pozmix	8.50	612.00
6.00	MAT	Gel	21.25	127.50
45.00	MAT	FloSeal	2.70	121.50
193.00	SER	Handling	2.10	405.30
15.00	SER	Ton Miles	18.94	284.11
	SER	Rotary Plug	1,250.00	1,250.00
15.00		Heavy Vehicle Mileage	7.00	105.00
15.00	SER	Light Vehicle Mileage	4.00	60.00
	EQUIP OPER	Dustin Chambers		
		Jonathon Ploutz		
1.00	EQUIP OPER	Joel Monahan		
-				
ALL PRICES AR	E NET, PAYABLE	Subtotal		4,720.41
30 DAYS FOLLO	OWING DATE OF	Sales Tax		297.39
INVOICE. 11/		Total Invoice Amount		5,017.80
	IF ACCOUNT IS E DISCOUNT OF	Payment/Credit Applied		
		TOTAL		5,017.80
\$ 1180	.10		and a state of the state of the state	0,011.00

INVOICE

Invoice Number: 130991 Invoice Date: Apr 27, 2012

Page:

1



RECEIVED

MAY 0 5 2012

ALLIED OIL & GAS SERVICES, LLC 053553 Federal Tax 1.D.# 20-5975804

Federal Tax I.	D.# 20-5975804			
REMIT TO P.O. BOX 31		SERV	ICE POINT:	
RUSSELL, KANSAS 67665		02.()		Bendy pos
			1015071	ready Not
SEC. TWP. RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
DATE 4-27-12 20 188 21 W			6.00	6:30
LEASE Slover WELL# 1 LOCATION BAZING	1- 130 F		COUNTY	STATE
	355 174 E	LON	IVess_	Konsis
OLD OR NEW (Circle one) Wig D			J	
CONTRACTOR WW DNILLing his 12	011 D 100			
	OWNER			
	CEMENT			, ,
		DERED 150		
TUBING SIZEDEPTHDRILL PIPE1/2DEPTH1470	407.psz	44.gel 44	Flo-seal	······
		-		······
TOOL DEPTH		1202		
PRES. MAX MINIMUM		108		1.755.00
MEAS. LINE SHOE JOINT		72	_@ <u>8.50</u> _	612.00
CEMENT LEFT IN CSG.	GEL	6	@ 21.25	127.50
PERFS.	CHLORIDE		_@	
DISPLACEMENT Freshwares	ASC		@	
EQUIPMENT	- flo se	al 45	_@ <u>2-70</u>	121.50
			_@	
PUMPTRUCK CEMENTER Demons			@	
$#375 \qquad \text{HELPER} \mathcal{T}_{\text{con}} P$			@	
BULK TRUCK			_@	
# 375 DRIVER Joel M			_@	
BULK TRUCK			@	
# DRIVER			_@	
	HANDLING_		@ 2.10	405-30
	MILEAGE <u>&</u>	66 X15	2.35	284.11
REMARKS:			TOTAL	3.305. 11
Fill tok with Ris mul			IOIAL	
155 plug 1470FT 50555		00000	~~~	
2ND Plvo 720 Fr 40 shs		SERVI	CE	
3RD 0100 270 Kr 10 5Ks		B 1470)	
UT4 PIVG 60 Fr 20 5KS	DEPTH OF JOI			
RH 30 655	PUMP TRUCK			0,00
plug pown biggs	EXTRA FOOT	and the second s		
plug mun b. opp	MILEAGE	HVM 15	_@_7.00	105.00
	MANIFOLD		_@	
	<u>L</u>	Jm 15	@ 4.00	60.00
DI O -			_ @	
CHARGE TO: Roloning Permieum INC				
CTD FFT			TOTAI	, 1415.00
STREET				
CITYSTATEZIP				
	F	PLUG & FLOAT	r equipmer	νT
		·····	@	
			_@	-
			@	
To: Allied Oil & Gas 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			TOTAL	
contractor. I have read and understand the "GENERAL				
TERMS AND CONDITIONS" listed on the reverse side.	SALES TAX (II	f Any)		
LENGIS AND CONDITIONS IISICO ON UN INVESSE SIGE.		f Any) GES_4.720	. 4/	-
	TOTAL CHAR	<u>GES_7.120</u>		

PRINTED NAME X WARK HEAST AND TZ Thank tou!!

TOTAL CHARGES 180 70 DISCOUNT IF PAID IN 30 DAYS 3.540.31



PO Box 93999 Southlake, TX 76092

Voice: (817) 546-7282 Fax: (817) 246-3361

Bill To:

Palomino Petroleum, Inc. 4924 SE 84th St. Newton, KS 67114-8827

ONLY IF PAID ON OR BEFORE May 17, 2012

CustomerID	Well Name/# or Customer P.O.	Paymen	t Terms
Palo	Slover # 1	Net 30	Days
Job Location	Camp Location	Service Date	Due Date
KS1-01	Great Bend	Apr 20, 2012	5/22/12

Quantity	Item	Description	Unit Price	Amount
150.00	MAT	Class A Common	16.25	2,437.50
3.00	MAT	Gel	21.25	63.75
21.00	MAT	Chloride	58.20	1,222.20
500.00	MAT	Lite	14.50	7,250.00
150.00	MAT	FloSeal	2.70	405.00
752.00	SER	Handling	2.10	1,579.20
15.00	SER	Ton Miles	73.55	1,103.32
1.00	SER	Surface	1,925.00	1,925.00
15.00	SER	Heavy Vehicle Mileage	7.00	105.00
15.00	SER	Light Vehicle Mileage	4.00	60.00
1.00	EQP	8 5/8 Basket	478.00	478.00
1.00	EQP	8 5/8 Rubber Plug	112.00	112.00
1.00	EQP	8 5/8 Baffle	112.00	112.00
1.00	EQP	8 5/8 Centralizers	64.00	64.00
1.00	EQUIP OPER	Greg Redetzke		
1.00	EQUIP OPER	Dustin Chambers		
1.00	CEMENTER	Virgil Newton		
1.00	EQUIP OPER	Jonathon Ploutz		
1.00	EQUIP OPER	Kevin Eddy		
1.00	OPER ASSIST	Ethan Glassman		
1.00	SER	Rig time	1,125.00	-1,125.00
				,
		Subtotal		15 704 07

ALL PRICES ARE NET, PAYABLE	Subtotal	15,791.97
30 DAYS FOLLOWING DATE OF	Sales Tax	765.10
INVOICE. 11/2% CHARGED THEREAFTER. IF ACCOUNT IS	Total Invoice Amount	16,557.07
CURRENT, TAKE DISCOUNT OF	Payment/Credit Applied	
\$ 4229.24	TOTAL	16,557.07

INVOICE

Invoice Number: 130981 Invoice Date: Apr 22, 2012

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MAY 0 5 2012

Date: Apr 2

Page: 1





ALLIED OIL & GAS SERVICES, LLC 053516

Federal Tax I.D.# 20-5975804 REMIT TO P.O. BOX 31 SERVICE POINT; RUSSELL, KANSAS 67665 (Teat RANGE SEC. TWP. CALLED OUT ON LOCATION JOB START DATE 4-20-12 COUNTY Slover WELL# 20007 LOCATION 677 K3 105 OLD OR NEW (Circle one) West has La CONTRACTOR OWNER OMINO TYPE OF JOB 4-Jace HOLE SIZE T.D. 4.25,00 CEMENT CASING SIZE DEPTH 421,20 AMOUNT ORDERED 5 **TUBING SIZE** DEPTH 10% 100 DRILL PIPE DEPTH 50 ste DEPTH PRES. MAX 150 MINIMUM COMMON @ 16.25 MEAS. LINE SHOE JOINT POZMIX 0 CEMENT LEFT IN CSG. @ 21.25 1214 GEL PERFS. CHLORIDE 21 @ 58.20 DISPLACEMENT ASC @ 500 5% Lite EOUIPMENT @ 1450 210 150 @ 2.70 @ PUMPTRUCK CEMENTER @ # 218/37 HELPER @ BULK TRUCK #4/82-24/ @ DRIVER @ BULK TRUCK #313-308 Og @ DRIVER le. Truck HANDLING 752 MILEAGE 31.3 Y 13 2.10 @ Ethán **REMARKS:** TOTAL 14060.92 Pip SERVICE 1421.30 DEPTH OF JOB PUMP TRUCK CHARGE 1925.00 100 EXTRA FOOTAGE @ MILEAGE HUM 15 @ 7.00 MANIFOLD @ 15 @ 4.00

2 CHARGE TO: on STREET . • CITY_ STATE ZIP

@

@ 478.00

@ 112.00

@ 64.00

He@ 112.00

@

JOB FINISH

2.437.

63.75

7.250

405.00

1579.30

1103.32

105

60

478.

112.00

112.00

68:00

TOTAL 2090.

1.222.20

STATE

¥

PLUG & FLOAT EQUIPMENT

vΨ

Jaske.

220-

Kupper Hang

3

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To: Allied Oil & Gas Services, LLC.

TOOL

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.

PRINTED NAME SIGNATURE yea Æ 4 Gray

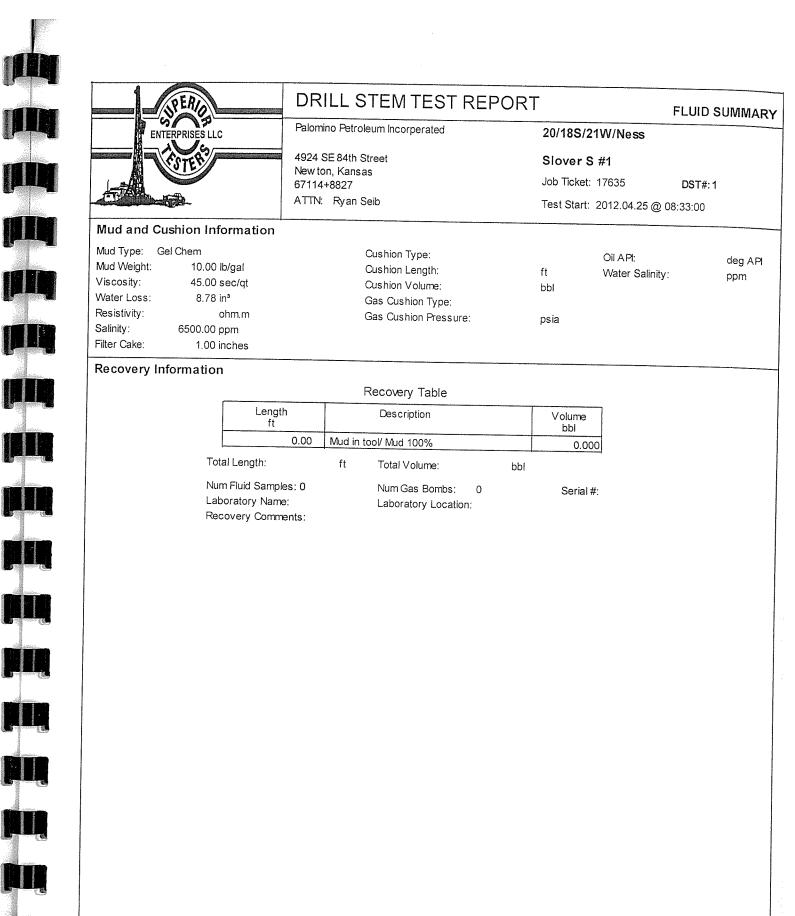
	TOTAL	202. 760	<u></u>
SALES TAX (If Any)	~		
TOTAL CHARGES 16916. 91 25% 4.229. 2	-		
25% 4.229.2 DISCOUNT	 _ IF PAID	IN 30 D	AYS
RigTime 1125.0	30		
11.562.	73-		
11.000			

ENTERPRISES LLC	Palomino Petroleum Incorperated	1	20/	18S/21W	//Ness		
LESTER?	4924 SE 84th Street New ton, Kansas 67114+8827			overS#*	-	DST#: 1	
	ATTN: Ryan Seib		Tes	t Start: 20	12.04.25 @	08:33:00	
GENERAL INFORMATION:							
Formation: Mississippian Deviated: No Whipstock: Time Tool Opened: 11:05:30 Time Test Ended: 15:11:30	ft (KB)		Tes	ter: ł	Conventional Ken Sw inney 3325 Great B	,	e (Initial
Interval:4264.00 ft (KB) To42Total Depth:4270.00 ft (KB) (ThHole Diameter:7.88 inches Hole			Ref	erence Ele KB ti	evations: o GR/CF:	2176.00 2168.00 8.00	ft (CF)
Press@RunDepth: 30.42 psia Start Date: 2012.04.25 Start Time: 08:34:00 TEST COMMENT: 1ST Open 1ST Shut In 2ND Open 2ND Shut In	 4266.00 ft (KB) End Date: End Time: 30 Minutes/Weak surface blow /B 30 Minutes/No blow back 30 Minutes/No blow 30 Minutes/No blow back 	2012.04.25 15:11:30 low died in 11	Capacity Last Cali Time On Time Off minutes	b.: Btm: 2	2 2012.04.25 @ 2012.04.25 @	-	psia
Pressure vs. T			PI	RESSUF	RE SUMMA	ARY	
220 200 170 170 170 170 170 170 170 1	fine See Importance 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Pressure (psia) 2152.07 27.23 29.33 30.00 30.03 30.42 30.48 2141.76	Temp (deg F) 111.17 110.22 111.79 113.03	Annotation Initial Hydro Open To Flo Shut-In(1) End Shut-In Open To Flo Shut-In(2)	n static pw (1) (1) pw (2) (2)	
	BY DECIMANCE I I I I I I I I I I I I I I I I I I I	(Min.) 0 1 31 62 92 125	Pressure (psia) 2152.07 27.23 29.33 30.00 30.03 30.42 30.48	Temp (deg F) 111.17 110.22 111.79 113.03 113.05 113.87 114.69 115.47	Annotation Initial Hydro Open To Flo Shut-In(1) End Shut-In Open To Flo Shut-In(2) End Shut-In	n static pw (1) (1) pw (2) (2)	
223	BY DECIMANCE I I I I I I I I I I I I I I I I I I I	(Min.) 0 1 31 62 92 125	Pressure (psia) 2152.07 27.23 29.33 30.00 30.03 30.42 30.48	Temp (deg F) 111.17 110.22 111.79 113.03 113.05 113.87 114.69 115.47	Annotation Initial Hydro Open To Fid Shut-In(1) End Shut-In Open To Fid Shut-In(2) End Shut-In Final Hydro	n static bw (1) (1) bw (2) -static	s Rate (Mo

9/ 2	Palomino Petroleum Incorperate			1W/Ness
ENTERPRISES LLC	4924 SE 84th Street New ton, Kansas 67114+8827 ATTN: Ryan Seib	-	Slover S Job Ticket:	\$ #1
GENERAL INFORMATION: Formation: Mississippian Deviated: No Whipstock: Time Tool Opened: 11:05:30 Time Test Ended: 15:11:30 Interval: 4264.00 ft (KB) To 4270 Total Depth: 4270.00 ft (KB) (TVE Hole Diameter: 7.88 inchesHole C	D)			Conventional Bottom Hole (Initi Ken Sw inney 3325 Great Bend/106 Elevations: 2176.00 ft (KE 2168.00 ft (CF & to GR/CF: 8.00 ft
Serial #: 6651OutsidePress@RunDepth:31.72 psia @Start Date:2012.04.25Start Time:08:34:00TEST COMMENT:1ST Open3	 4267.00 ft (KB) End Date: End Time: 30 Minutes/Weak surface blow /E 	2012.04.25 15:11:30 Blow died in 11	Capacity: Last Calib.: Time On Btm: Time Off Btm: minutes	5000.00 psia 2012.04.25 2012.04.25 @ 11:04:30 2012.04.25 @ 13:11:00
2ND Open 30 2ND Shut In 30 Pressure vs. Tim	00 Minutes/No blow back 00 Minutes/No blow back 00 Minutes/No blow back	Time		URE SUMMARY
		Time (Min.) 0 1 31 61 62 92 125 127	30.70 111. 31.26 112. 30.97 112. 31.67 113. 31.72 113.	F)
25 WedArt 27Cl The Other State				
	70			Gas Rates ke (inches) Pressure (psia) Gas Rate (N

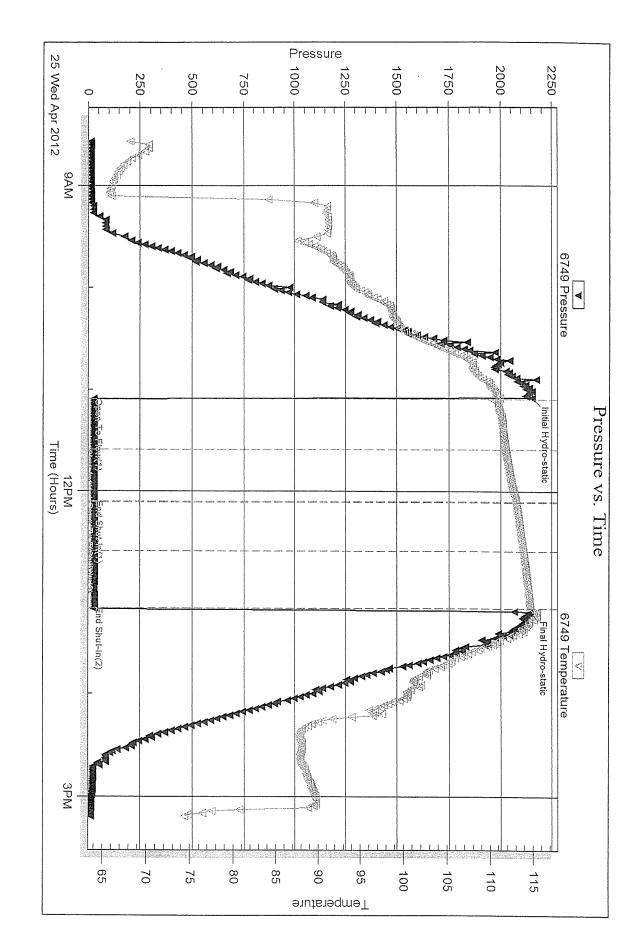
Ìn

				EM TEST			TOOL DIAGR
ENTERPRISES LL	8	Palomin	10 Petroleun	n Incorperated		20/18S/21W/Ness	
- KOTER?		1	E 84th Stree	et		Slover S #1	
		New tor 67114+	n, Kansas			Job Ticket: 17635	DST#:1
FTRA			Ryan Seib			Tool Starts 2012 04 25	
			rtyan ocio			Test Start: 2012.04.25	@ 08:33:00
Tool Information							
Drill Pipe: Length:	4132.00 ft	Diameter:	: 3.88	inches Volume:	60.43 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe: Length:	0.00 ft	Diameter:	0.00	inches Volume:	0.00 bbl	Weight set on Packe	
Drill Collar: Length:	120.00 ft	Diameter:	2.25	inches Volume:	0.59 bbl	Weight to Pull Loose	
Drill Pipe Above KB:	15.00 ft			Total Volume:	61.02 bbl	Tool Chased	0.00 ft
Depth to Top Packer:	4264.00 ft					String Weight: Initial	44000.00 lb
Depth to Bottom Packer:						Final	44000.00 lb
Interval between Packers:	6 00 ft						
	6.00 ft 33.00 ft						
Tool Length:		Diameter:	6.75	inches			
Interval betw een Packers: Tool Length: Number of Packers: Tool Comments:	33.00 ft	Diameter:	6.75	inches			
Tool Length: Number of Packers: Tool Comments:	33.00 ft 2		6.75 Serial No		Depth (ft) A	Accum. Lengths	
Tool Length: Number of Packers: Tool Comments: Tool Description	33.00 ft 2				Depth (ft) A 4242.00	ccum. Lengths	
Tool Length: Number of Packers: Tool Comments: Tool Description Shut In Tool	33.00 ft 2	ngth (ft)				occum. Lengths	
Tool Length: Number of Packers: Tool Comments: Tool Description Shut In Tool Hydrolic Tool	33.00 ft 2	ngth (ft) 5.00			4242.00	Accum. Lengths	
Tool Length: Number of Packers: Tool Comments: Tool Description Shut In Tool Hydrolic Tool Jars	33.00 ft 2	ngth (ft) 5.00 5.00			4242.00 4247.00	occum. Lengths	
Tool Length: Number of Packers: Tool Comments: Tool Description Shut In Tool Hydrolic Tool Jars Safety Joint	33.00 ft 2	ngth (ft) 5.00 5.00 5.00			4242.00 4247.00 4252.00	Accum. Lengths	Bottom Of Ton Pack
Tool Length: Number of Packers: Tool Comments: Tool Description Shut In Tool Hydrolic Tool Jars Safety Joint Packer	33.00 ft 2	ngth (ft) 5.00 5.00 5.00 2.00			4242.00 4247.00 4252.00 4254.00		Bottom Of Top Pack
Tool Length: Number of Packers: Tool Comments: Tool Description Shut In Tool Hydrolic Tool Jars Safety Joint Packer Packer	33.00 ft 2	ngth (ft) 5.00 5.00 5.00 2.00 5.00			4242.00 4247.00 4252.00 4254.00 4259.00		Bottom Of Top Pack
Tool Length: Number of Packers: Tool Comments: Tool Description Shut In Tool Hydrolic Tool Jars Safety Joint Packer Packer Anchor	33.00 ft 2	ngth (ft) 5.00 5.00 5.00 2.00 5.00 5.00			4242.00 4247.00 4252.00 4254.00 4259.00 4264.00		Bottom Of Top Pack
Tool Length: Number of Packers:	33.00 ft 2	ngth (ft) 5.00 5.00 2.00 5.00 5.00 5.00 1.00	Serial No	. Position	4242.00 4247.00 4252.00 4254.00 4259.00 4264.00 4265.00		Bottom Of Top Pack
Tool Length: Number of Packers: Tool Comments: Tool Description Shut In Tool Hydrolic Tool Jars Safety Joint Packer Packer Anchor Recorder	33.00 ft 2	ngth (ft) 5.00 5.00 2.00 5.00 5.00 1.00 1.00	Serial No 6749	. Position	4242.00 4247.00 4252.00 4254.00 4259.00 4264.00 4265.00 4266.00	27.00	Bottom Of Top Pack



Superior Testers Enterprises LLC Ref. No: 17635

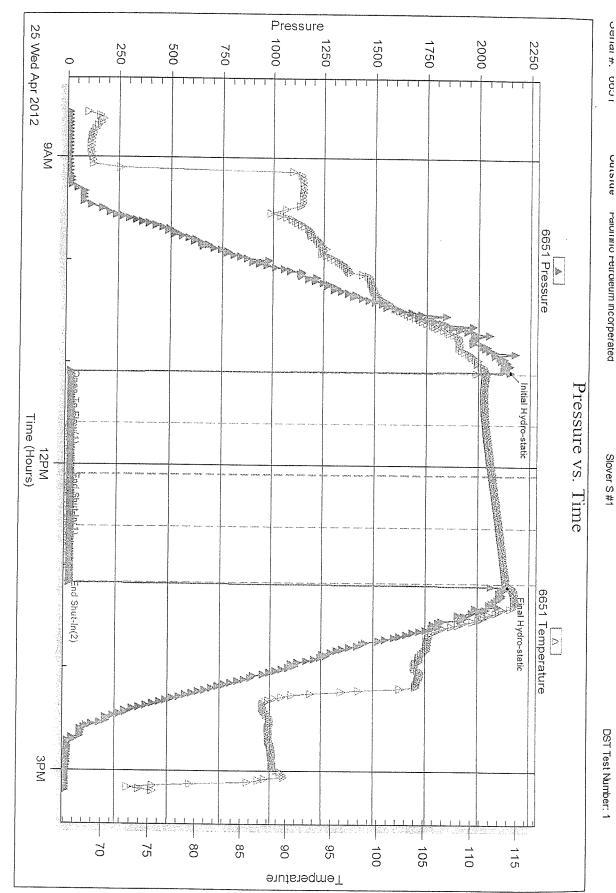
Printed: 2012.04.30 @ 12:34:35





Printed: 2012.04.30 @ 12:34:36

Superior Testers Enterprises LLC Ref. No: 17635



DST Test Number: 1

UEIIAI #. 0001

Cursine

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ENTERPRISES LLC	Palomino Petroleum Incorpera	ated	20	/185/21\	N/Ness	
	4924 SE 84th Street			overS#		
A CSIES	New ton, Kansas					
	67114+8827			Ticket: 1		DST#:2
	ATTN: Ryan Seib		Tes	st Start: 2	012.04.26 @	00:48:00
GENERAL INFORMATION:						
Formation: Mississippian						
Deviated: No Whipstock: Time Tool Opened: 03:33:30	ft (KB)					l Bottom Hole (Initial)
Time Test Ended: 08:16:30					Ken Sw inne 3325 Great E	
Interval: 4264.00 ft (KB) To 42	279.00 ft (KB) (TVD)			erence El		2176.00 ft (KB)
Total Depth: 4279.00 ft (KB) (Th	VD)					2168.00 ft (CF)
Hole Diameter: 7.88 inchesHole	e Condition: Fair			KB	to GR/CF:	8.00 ft
Serial #: 6749 Inside						
Press@RunDepth: 48.68 psia	,		Capacity			5000.00 psia
Start Date: 2012.04.26 Start Time: 00:49:00	End Date: End Time:	2012.04.26	Last Cali			2012.04.26
Malt nine. 00.48.00	Ena lime:	08:16:30	Time On Time Off		2012.04.26 (2012.04.26 (
Pressure vs. T	30 Minutes/No blow back		PI	RESSUF	RE SUMMA	ARY
2ND Open	30 Minutes/No blow					
2ND Shut in						
Pressure vs. T	30 Minutes/No blow back		PI	RESSUF	RE SUMMA	ARY
Pressure vs. T	30 Minutes/No blow back	Time • (Min)	Pressure	Temp	RE SUMMA Annotatio	
Pressure vs. T	30 Minutes/No blow back	• (Min.)			Annotatio	n
Pressure vs. T 0749 Pressure	30 Minutes/No blow back	• (Min.) • 0	Pressure (psia)	Temp (deg F)	Annotation	n -static
Pressure vs. T (74) Pressure 220 200 170 170	30 Minutes/No blow back	(Min.) (Min.) (0 (2) (31)	Pressure (psia) 2172.98 37.62 41.96	Temp (deg F) 108.78 109.27 111.46	Annotation Initial Hydro Open To Flo Shut-In(1)	n -static ow (1)
220 Pressure vs. T	30 Minutes/No blow back	(Min.) (Min.) 2 3 31 62	Pressure (psia) 2172.98 37.62 41.96 45.51	Temp (deg F) 108.78 109.27 111.46 113.31	Annotation Initial Hydro Open To Flo Shut-In(1) End Shut-In	n -static ow (1) (1)
Pressure vs. T (74) Pressure 220 200 170 170	30 Minutes/No blow back	(Min.) (Min.) 2 3 31 62	Pressure (psia) 2172.98 37.62 41.96 45.51 45.56	Temp (deg F) 108.78 109.27 111.46 113.31 113.30	Annotation Initial Hydro Open To Flo Shut-In(1) End Shut-In Open To Flo	n -static ow (1) (1)
Pressure vs. T 070 insure 220 170 170 170 100 100 100 100 100 100 10	30 Minutes/No blow back	(Min.) (Min.) 0 2 31 62 62 91	Pressure (psia) 2172.98 37.62 41.96 45.51 45.56 48.68	Temp (deg F) 108.78 109.27 111.46 113.31 113.30 114.35	Annotation Initial Hydro Open To Fk Shut-In(1) End Shut-In Open To Fk Shut-In(2)	n -static ow (1) (1) ow (2)
Pressure vs. T 000 Pressure 220 170 170 200 200 200 200 200 200 200 2	30 Minutes/No blow back	(Min.) (Min.) 0 2 31 62 62 91 121	Pressure (psia) 2172.98 37.62 41.96 45.51 45.56 48.68 52.74	Temp (deg F) 108.78 109.27 111.46 113.31 113.30 114.35 115.68	Annotation Initial Hydro Open To Fk Shut-In(1) End Shut-In Open To Fk Shut-In(2) End Shut-In	n -static bw (1) (1) bw (2) (2)
Pressure vs. T 0740 Pressure 220 1070 Pressure 200 1070 Press	30 Minutes/No blow back	(Min.) (Min.) 0 2 31 62 62 91	Pressure (psia) 2172.98 37.62 41.96 45.51 45.56 48.68	Temp (deg F) 108.78 109.27 111.46 113.31 113.30 114.35	Annotation Initial Hydro Open To Flo Shut-In(1) End Shut-In Open To Flo Shut-In(2) End Shut-In	n -static ow (1) (1) ow (2) (2)
Pressure vs. T 000 Pressure 200 200 200 200 200 200 200 200 200 20	30 Minutes/No blow back	(Min.) (Min.) 0 2 31 62 62 91 121	Pressure (psia) 2172.98 37.62 41.96 45.51 45.56 48.68 52.74	Temp (deg F) 108.78 109.27 111.46 113.31 113.30 114.35 115.68	Annotation Initial Hydro Open To Fk Shut-In(1) End Shut-In Open To Fk Shut-In(2) End Shut-In	n -static bw (1) (1) bw (2) (2)
Pressure vs. T 0740 Pressure 220 1070 Pressure 200 1070 Press	30 Minutes/No blow back	(Min.) (Min.) 0 2 31 62 62 91 121	Pressure (psia) 2172.98 37.62 41.96 45.51 45.56 48.68 52.74	Temp (deg F) 108.78 109.27 111.46 113.31 113.30 114.35 115.68	Annotation Initial Hydro Open To Fk Shut-In(1) End Shut-In Open To Fk Shut-In(2) End Shut-In	n -static bw (1) (1) bw (2) (2)
Pressure vs. T	30 Minutes/No blow back	(Min.) (Min.) 0 2 31 62 62 91 121	Pressure (psia) 2172.98 37.62 41.96 45.51 45.56 48.68 52.74	Temp (deg F) 108.78 109.27 111.46 113.31 113.30 114.35 115.68	Annotation Initial Hydro Open To Fk Shut-In(1) End Shut-In Open To Fk Shut-In(2) End Shut-In	n -static bw (1) (1) bw (2) (2)
Pressure vs. T 0740 Pressure 220 170 170 170 170 170 170 170 17	30 Minutes/No blow back	(Min.) (Min.) 0 2 31 62 62 91 121	Pressure (psia) 2172.98 37.62 41.96 45.51 45.56 48.68 52.74	Temp (deg F) 108.78 109.27 111.46 113.31 113.30 114.35 115.68	Annotation Initial Hydro Open To Fk Shut-In(1) End Shut-In Open To Fk Shut-In(2) End Shut-In	n -static bw (1) (1) bw (2) (2)
Pressure vs. T	30 Minutes/No blow back	(Min.) (Min.) 0 2 31 62 62 91 121	Pressure (psia) 2172.98 37.62 41.96 45.51 45.56 48.68 52.74	Temp (deg F) 108.78 109.27 111.46 113.31 113.30 114.35 115.68 116.24	Annotation Initial Hydro Open To Fk Shut-In(1) End Shut-In Open To Fk Shut-In(2) End Shut-In	n -static bw (1) (1) bw (2) (2)
Pressure vs. T continue 200 170 170 170 170 170 170 170 1	30 Minutes/No blow back	(Min.) (Min.) 0 2 31 62 62 91 121	Pressure (psia) 2172.98 37.62 41.96 45.51 45.56 48.68 52.74	Temp (deg F) 108.78 109.27 111.46 113.31 113.30 114.35 115.68 116.24	Annotation Initial Hydro Open To Fit Shut-In(1) End Shut-In Open To Fit Shut-In(2) End Shut-In Final Hydro	n -static bw (1) (1) bw (2) (2) -static
Pressure vs. T	30 Minutes/No blow back	(Min.) (Min.) 0 2 31 62 62 91 121	Pressure (psia) 2172.98 37.62 41.96 45.51 45.56 48.68 52.74	Temp (deg F) 108.78 109.27 111.46 113.31 113.30 114.35 115.68 116.24 Ga	Annotation Initial Hydro Open To Fit Shut-In(1) End Shut-In Open To Fit Shut-In(2) End Shut-In Final Hydro	n -static bw (1) (1) bw (2) (2) -static
Pressure vs. T continue 200 170 170 170 170 170 170 170 1	30 Minutes/No blow back	(Min.) (Min.) 0 2 31 62 62 91 121	Pressure (psia) 2172.98 37.62 41.96 45.51 45.56 48.68 52.74	Temp (deg F) 108.78 109.27 111.46 113.31 113.30 114.35 115.68 116.24 Ga	Annotation Initial Hydro Open To Fit Shut-In(1) End Shut-In Open To Fit Shut-In(2) End Shut-In Final Hydro	n -static bw (1) (1) bw (2) (2) -static
Pressure vs. T continue 200 170 170 170 170 170 170 170 1	30 Minutes/No blow back	(Min.) (Min.) 0 2 31 62 62 91 121	Pressure (psia) 2172.98 37.62 41.96 45.51 45.56 48.68 52.74	Temp (deg F) 108.78 109.27 111.46 113.31 113.30 114.35 115.68 116.24 Ga	Annotation Initial Hydro Open To Fit Shut-In(1) End Shut-In Open To Fit Shut-In(2) End Shut-In Final Hydro	n -static bw (1) (1) bw (2) (2) -static
Pressure vs. T continue 200 170 170 170 170 170 170 170 1	30 Minutes/No blow back	(Min.) (Min.) 0 2 31 62 62 91 121	Pressure (psia) 2172.98 37.62 41.96 45.51 45.56 48.68 52.74	Temp (deg F) 108.78 109.27 111.46 113.31 113.30 114.35 115.68 116.24 Ga	Annotation Initial Hydro Open To Fit Shut-In(1) End Shut-In Open To Fit Shut-In(2) End Shut-In Final Hydro	n -static bw (1) (1) bw (2) (2) -static
Pressure vs. T continue 200 170 170 170 170 170 170 170 1	30 Minutes/No blow back	(Min.) (Min.) 0 2 31 62 62 91 121	Pressure (psia) 2172.98 37.62 41.96 45.51 45.56 48.68 52.74	Temp (deg F) 108.78 109.27 111.46 113.31 113.30 114.35 115.68 116.24 Ga	Annotation Initial Hydro Open To Fit Shut-In(1) End Shut-In Open To Fit Shut-In(2) End Shut-In Final Hydro	n -static bw (1) (1) bw (2) (2) -static

	DRILL STEM T				
ENTERPRISES LLC	Palomino Petroleum Incorpe 4924 SE 84th Street New ton, Kansas 67114+8827 ATTN: Ryan Seib	rated	Slove Job Tie	3S/21W/N er S #1 cket: 17636 Start: 2012.0	
Serial #: 6651OutsidePress@RunDepth:53.75 psiaStart Date:2012.04.26Start Time:00:49:00TEST COMMENT:1ST Open	VD) e Condition: Fair	2012.04.26 08:16:30 puilt to 1/2 inch in	Capacity: Last Calib.: Time On Btr Time Off Btr	r: Ken ; o: 3325 ence Elevatio KB to GF 	2168.00 ft ₹/CF: 8.00 ft 5000.00 ps 2012.04.26 2.04.26 @ 03:32:00 2.04.26 @ 05:36:00
2ND Shut In	30 Minutes/No blow back				
Pressure vs. T		Time (Min.) (Min.) (Min.) 2 2 5 5 5 5 5 5 5 5 5 5 5 7 7 10 10 10 10 10 10 10 10 10 10 10 10 10	Pressure - (psia) (d 2174.50 - 38.80 - 43.10 - 46.74 - 46.83 - 50.06 - 53.75 -	Temp Ai deg F) Initia 111.004 Initia 111.20 Ope 112.02 Shu 113.71 End 113.76 Ope 115.80 Shu 116.68 End	l Shut-In(1) en To Flow (2)

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Tool Information Drill Pipe: Length: Heavy Wt. Pipe: Length: Drill Collar: Length: Drill Pipe Above KB: Depth to Top Packer: Depth to Bottom Packer: Interval betw een Packers: Tool Length: Number of Packers: Tool Comments: Tool Description	4132.00 ft 0.00 ft 120.00 ft 15.00 ft 4264.00 ft ft 15.00 ft 42.00 ft 2	Diameter:	Kansas (27 yan Seib 	nches Volume: nches Volume: nches Volume: Total Volume:	0.00 bbl 0.59 bbl	Weight to Pull Lo Tool Chased String Weight: Ir	2000.00 lb lacker: 20000.00 lb bose: 60000.00 lb 0.00 ft
Drill Pipe: Length: Heavy Wt. Pipe: Length: Drill Collar: Length: Drill Pipe Above KB: Depth to Top Packer: Depth to Bottom Packer: Interval betw een Packers: Tool Length: Number of Packers: Tool Comments:	0.00 ft 120.00 ft 15.00 ft 4264.00 ft ft 15.00 ft 42.00 ft	67114+88 ATTN: R Diameter: Diameter: Diameter:	27 yan Seib 3.88 ir 0.00 ir 2.25 ir	nches Volume: nches Volume: Total Volume:	0.00 bbl 0.59 bbl	Test Start: 2012.04 Tool Weight: Weight set on Pa Weight to Pull Lo Tool Chased String Weight: Ir	4.26 @ 00:48:00 2000.00 lb acker: 20000.00 lb pose: 60000.00 lb 0.00 ft nitial 44000.00 lb
Drill Pipe: Length: Heavy Wt. Pipe: Length: Drill Collar: Length: Drill Pipe Above KB: Depth to Top Packer: Depth to Bottom Packer: Interval betw een Packers: Tool Length: Number of Packers: Tool Comments:	0.00 ft 120.00 ft 15.00 ft 4264.00 ft ft 15.00 ft 42.00 ft	ATTN: R Diameter: Diameter: Diameter:	yan Seib 3.88 ir 0.00 ir 2.25 ir	nches Volume: nches Volume: Total Volume:	0.00 bbl 0.59 bbl	Tool Weight: Weight set on Pa Weight to Pull Lo Tool Chased String Weight: Ir	4.26 @ 00:48:00 2000.00 lb acker: 20000.00 lb pose: 60000.00 lb 0.00 ft nitial 44000.00 lb
Drill Pipe: Length: Heavy Wt. Pipe: Length: Drill Collar: Length: Drill Pipe Above KB: Depth to Top Packer: Depth to Bottom Packer: Interval betw een Packers: Tool Length: Number of Packers: Tool Comments:	0.00 ft 120.00 ft 15.00 ft 4264.00 ft ft 15.00 ft 42.00 ft	Diameter: Diameter: Diameter:	3.88 ir 0.00 ir 2.25 ir	nches Volume: nches Volume: Total Volume:	0.00 bbl 0.59 bbl	Tool Weight: Weight set on Pa Weight to Pull Lo Tool Chased String Weight: Ir	2000.00 lb lacker: 20000.00 lb bose: 60000.00 lb 0.00 ft nitial 44000.00 lb
Drill Pipe: Length: Heavy Wt. Pipe: Length: Drill Collar: Length: Drill Pipe Above KB: Depth to Top Packer: Depth to Bottom Packer: Interval betw een Packers: Tool Length: Number of Packers: Tool Comments:	0.00 ft 120.00 ft 15.00 ft 4264.00 ft ft 15.00 ft 42.00 ft	Diameter: Diameter:	0.00 ir 2.25 ir	nches Volume: nches Volume: Total Volume:	0.00 bbl 0.59 bbl	Weight set on Pa Weight to Pull Lo Tool Chased String Weight: Ir	acker: 20000.00 lb bose: 60000.00 lb 0.00 ft nitial 44000.00 lb
Heavy Wt. Pipe: Length: Drill Collar: Length: Drill Pipe Above KB: Depth to Top Packer: Depth to Bottom Packer: Interval betw een Packers: Tool Length: Number of Packers: Tool Comments:	0.00 ft 120.00 ft 15.00 ft 4264.00 ft ft 15.00 ft 42.00 ft	Diameter: Diameter:	0.00 ir 2.25 ir	nches Volume: nches Volume: Total Volume:	0.00 bbl 0.59 bbl	Weight set on Pa Weight to Pull Lo Tool Chased String Weight: Ir	acker: 20000.00 lb bose: 60000.00 lb 0.00 ft nitial 44000.00 lb
Drill Collar: Length: Drill Pipe Above KB: Depth to Top Packer: Depth to Bottom Packer: Interval betw een Packers: Tool Length: Number of Packers: Tool Comments:	120.00 ft 15.00 ft 4264.00 ft ft 15.00 ft 42.00 ft	Diameter:	2.25 ir	nches Volume: Total Volume:	0.59 bbl	Weight to Pull Lo Tool Chased String Weight: Ir	oose: 60000.00 lb 0.00 ft nitial 44000.00 lb
Drill Pipe Above KB: Depth to Top Packer: Depth to Bottom Packer: Interval betw een Packers: Tool Length: Number of Packers: Tool Comments:	15.00 ft 4264.00 ft ft 15.00 ft 42.00 ft			Total Volume:		Tool Chased String Weight: Ir	0.00 ft nitial 44000.00 lb
Depth to Top Packer: Depth to Bottom Packer: Interval betw een Packers: Tool Length: Number of Packers: Tool Comments:	4264.00 ft ft 15.00 ft 42.00 ft	Diameter:	6.75 ir		61.02 bbl	String Weight: Ir	nitial 44000.00 lb
Depth to Top Packer: Depth to Bottom Packer: Interval betw een Packers: Tool Length: Number of Packers: Tool Comments:	4264.00 ft ft 15.00 ft 42.00 ft	Diameter:	6.75 ir	nches			
Depth to Bottom Packer: Interval betw een Packers: Tool Length: Number of Packers: Tool Comments:	ft 15.00 ft 42.00 ft	Diameter:	6.75 ir	nches		F	-inai 44000.00 lb
Tool Length: Number of Packers: Tool Comments:	42.00 ft	Diameter:	6.75 ir	nches			
Number of Packers: Tool Comments:		Diameter:	6.75 ir	nches			
Tool Comments:	2	Diameter:	6.75 ir	nches			
Tool Description							
Shut In Tool		ngth (ft) So 5.00	erial No.	Position	Depth (ft) A 4242.00	ccum. Lengths	
Hydrolic Tool		5.00			4247.00		
Jars		5.00			4252.00		
Safety Joint		2.00			4254.00		
Packer		5.00			4259.00	27.00	Bottom Of Top Pac
Packer		5.00			4264.00		······································
Anchor		10.00			4274.00		
Recorder		1.00	6749	Inside	4275.00		
Recorder		1.00	6651	Outside	4276.00		
Bullnose		3.00			4279.00	15.00	Bottom Packers & Anch
Total Tool	Length:	42.00					

RERIA		DRILL STEM TEST REI	F	FLUID SUMMAR	
ENTE	RPRISES LLC	Palomino Petroleum Incorperated	20/18S/	21W/Ness	
	CTER?	4924 02 0411 01/00	Slover	S #1	
	OLE	New ton, Kansas 67114+8827	Job Ticke	t: 17636	DST#: 2
EP 1		ATTN: Ryan Seib	Test Star	Test Start: 2012.04.26 @ 00	
Mud Type: Ge	shion Informatior	Cushion Type:		Oil API:	deg API
Mud Weight:	10.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	45.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.78 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psia		
Calinita	65000.00 ppm				
Salinity:	1.00 inches				

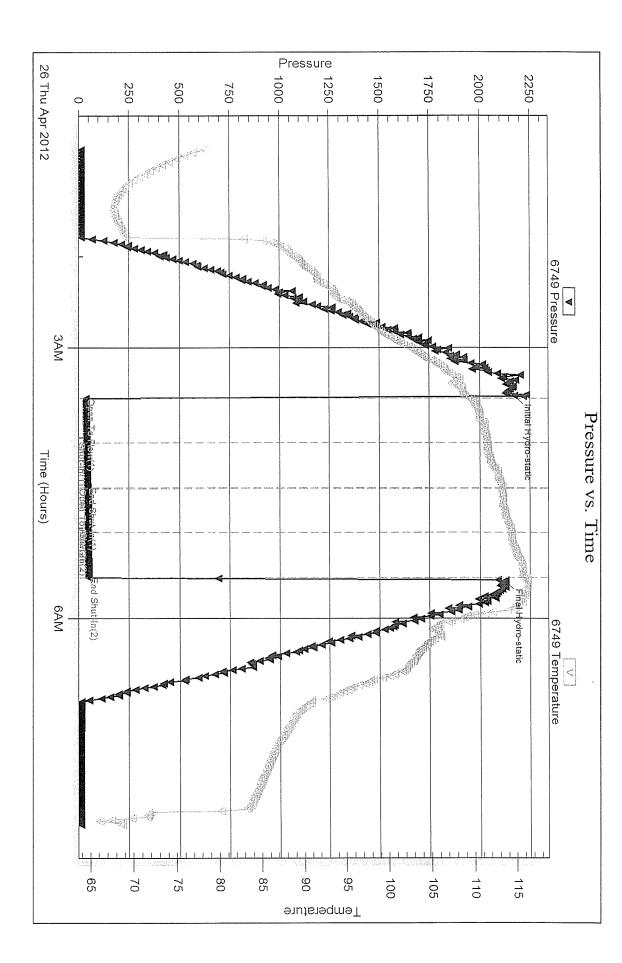
				recovery rabie		
	Length ft			Description		Volume bbl
	1	20.00	Mud 10)0%		0.590
Tot	al Length:	120	.00 ft	Total Volume:	0.590 bbl	
	m Fluid Sample poratory Name			Num Gas Bombs: Laboratory Locatior	0	Serial #:
	covery Comm			Laboratory Location		

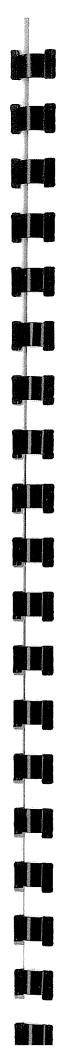
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