KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

CRIGINAL

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 # 4184	API No. 15
Name: Casino Petroleum LLC	Spot Description: 65' West of
Address 1: PO Box 415	SE_NW_SWSec. 24 Twp. 20 S. R. 11 East West
Address 2:	1,650 Feet from North / South Line of Section
City: Ellinwood State: KS Zip: 67526 +	825 Feet from ☐ East / ☑ West Line of Section
Contact Person: Chris Batchman	Footages Calculated from Nearest Outside Section Corner:
Phone: (<u>620</u>) <u>566-7111</u>	□ne □nw □se Øsw
CONTRACTOR: License # 33350	County: Barton RECENT
Name: Southwind Drilling Inc	County: Barton RECEIVED Lease Name: Sessler Well #: 8 A MAY 0 9 2011
Wellsite Geologist: Todd Morgenstern	Field Name: Chase Silica MAY 0 9 2011
Purchaser: NCRA	Field Name: Chase Silica 9 2011 Producing Formation: Arbuckle KCC WICHITA Elevation: Ground: 1745' Kelly Bushing: 1753'
Designate Type of Completion:	Elevation: Ground: 1745' Kefly Bushing: 1753'
✓ New Well Re-Entry Workover	Total Depth: 3267' Plug Back Total Depth:
✓ Oil □ wsw □ swb □ slow	Amount of Surface Pipe Set and Cemented at: 269 Feet
Gas D&A ENHR SIGW	Multiple Stage Cementing Collar Used? ☐ Yes No
☐ 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: 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: 20,000 ppm Fluid votume: 320 bbts
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD ☐ Conv. to GSW	Dewatering method used: none
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:Casino Petroleum LLC
Dual Completion Permit #:	Lease Name: Sessler License #: 4184
SWD Permit #:	Quarter SW Sec. 24 Twp. 20 S. R. 11 East West
ENHR Permit #:	County: Barton Permit #: D-24,167
GSW Permit #: 10-14-2010	· vinit if.
10-14-2010 10-19-2010 01-03-2011 Completion Date or	
Recompletion Date Recompletion Date	
INSTRUCTIONS: An original and two copies of this form shall be filed with t Kansas 67202, within 120 days of the spud date, recompletion, workover or correct of side two of this form will be held confidential for a period of 12 months if requitality in excess of 12 months). One copy of all wireline logs and geologist well BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form	nversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information lested in writing and submitted with the form (see rule 82-3-107 for confident report shall be attached with this form. ALL CEMENTING TICKETS MUST
AFFIDAVIT I am the affiant and I hereby certify that all requirements of the statutes, rules and relations promulgated to regulate the oil and gas industry have been fully complied and the statements herein are complete and correct to the best of my knowledge Signature:	with Letter of Confidentiality Received
Title: fartair Date: 5-//-//	UIC Distribution ALT \$\frac{1}{2} \left[\begin{array}{c} \ll \ll \text{Approved by:} \begin{array}{c} \left \text{Date:} \frac{5}{20} \ll \text{\ll} \te

Side Two

Operator Name: Casi	<u>no Petroleum L</u>	<u>LC</u>		Lease Name: Sessier Well #: 8 A						
Sec. 24 Twp.20	s. R. <u>11</u>	East	✓ West	County: Barton						
INSTRUCTIONS: Sho time tool open and clos recovery, and flow rates line Logs surveyed. Att	ed, flowing and shu s if gas to surface to	it-in press est, along v	ures, whether s with final chart(hut-in pre	ssure rea	ched static level	, hydrostatic pre	essures, bottom	hole temp	erature, fluid
Drill Stem Tests Taken (Attach Additional SI	neets)	✓ Y	es 🗌 No		□L	og Formatio	on (Top), Depth	and Datum	7 s	Sample
Samples Sent to Geolo	gical Survey	ΠY	es ✓ No		Nam			Тор		Datum
Cores Taken	.g.ca. 00. 10,	Y	_			ner Shale		2856'		103' 447'
Electric Log Run Y Electric Log Submitted Electronically Y			es 🗸 No		Toron Dougl			2870' 2888'		117' 135'
(If no, Submit Copy)					Brown	ı Lime		2979'		226'
List All E. Logs Run:					Lansi	_		2997'		244'
					Arbud	kle y Total Depth		3255' 3259'		502 ' 506'
			CASING	RECORD						
		Repo	ort all strings set-	conductor,	-	ermediate, produc	tion, etc.			
Purpose of String	Size Hole Drilled		ze Casing t (In O.D.)		eight s./Ft.	Setting Depth	Type of Cement	# Sacks Used		and Percent dditives
Surface	12 1/4"	8 5/8" u	sed	25		269'	common	180	60/40 p	юz
Long String	7 7/8"	5 1/2" n	ew	15.50		3257'	common	180	asc	
			ADDITIONAL	CEMENT	ING / SQL	JEEZE RECORD	<u> </u>			
Purpose: Perforate Protect Casing Plug Back TD	Depth Top Bottom	Туре	of Cement	# Sack	cs Used		Type an	d Percent Additive	s	
Plug Off Zone Shots Per Foot			RD - Bridge Plug Each Interval Perl		•		icture, Shot, Cem mount and Kind of			Depth
								RECE	INFO	
					· · · · · · · · · · · · · · · · · · ·			YAM	0 9 20	1
								KCC /	NICH	TA
TUBING RECORD: 2	Size: 7/8"	Set At: 2850'		Packer	At:	Liner Run:	Yes 🗸	No		
Date of First, Resumed P 01/03/2011	roduction, SWD or EN	IHR.	Producing Meth	iod: Pumpi	ing	Gas Lift (Other (Explain)			
Estimated Production Per 24 Hours	0il 10	Bbis.	Gas	Mcf	Wat	er E 1000	Bbis.	Gas-Oil Ratio		Gravity 40
DISPOSITIO	Used on Lease		Open Hole	IETHOD O	F COMPLI Dually (Submit	Comp. Co	mmingled	PRODUCTI	ON INTERV	AL: CEIVED
(If vented, Subn	m ACC-10./	<u> </u>	Other (Specify)						MAY	/ 1 7 2 011

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

No. 4355 Home Office P.O. Box 32 Russell, KS 67665 Phone 785-483-2025 Cell 785-324-1041 County State On Location Finish Sec. Range Twp. Well No. Location Lease Owner To Quality Oilwell Cementing, Inc. Type Job You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. T.D. Hole Size Depth Depth Tbg. Size Street Depth City Tool State Shoe Joint Cement Left in Csg. 10-15 The above was done to satisfaction and supervision of owner agent or contractor Cement Amount Ordered Displace Meas Line **EQUIPMENT** Cementer Common Pumptrk Helper Driver No. Poz. Mix **Bulktrk** Driver Driver No. Gel. Bulktrk Driver JOB SERVICES & REMARKS Calcium Hulls Remarks: Salt Rat Hole Mouse Hole Flowseal Centralizers Kol-Seal **Baskets** Mud CLR 48 D/V or Port Collar CFL-117 or CD110 CAF 38 Sand Handling Mileage FLOAT EQUIPMENT **Guide Shoe** Centralizer **Baskets AFU Inserts** Float Shoe Latch Down , 2.0 **Pumptrk Charge**

> Discount Total Charge

X Signature

Mileage

DEFINITIONS: In these terms and conditions, "Quality" shall mean Quality Oilwell Cementing, Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

- TERMS: Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "QUALITY" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwith-standing the foregoing in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "QUALITY," refunded directly to "CUSTOMER." For purposes of this paragraph, QUALITY and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.
- ATTORNEY FEES: In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the term of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limit to, a reasonable sum as and attorney's fees.
- PRICES AND TAXES: All merchandise listed in "QUALITY'S" current price shall schedule are F.O.B. QUALITY'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by QUALITY shall be added to the quoted prices charged to CUSTOMER.
- —TOWING CHARGES: QUALITY will make a reasonable attempt to get to and from each job site using its own equipment. Should QUALITY be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by QUALITY, will be charged to and paid by CUSTOMER.
- PREPARATION CHARGES: If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay QUALITY for the expenses incurred by QUALITY as a result of the cancellation.
- DEADHAUL, CHARGES: Unless otherwise specified on the front of this Contract, a deadhaul charges as set forth in QUALITY'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.
- SERVICE CONDITIONS AND LIABILITIES: 1. QUALITY carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond QUALITY'S control, QUALITY shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless QUALITY, its officers, agents and employees, from and against any and all claims or suits for:
- (A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner, and:
- (B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with QUALITY'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of QUALITY or its employees.
- 2. With respect to any of QUALITY'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to QUALITY at the landing, CUSTOMER shall either recover the lost item without cost to QUALITY or reimburse QUALITY the current replacement cost of the item unless the loss or damage results from the sole negligence of QUALITY or its employees.
- 3. QUALITY does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.
- WARRANTIES: 1. QUALITY warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. QUALITY'S obligation under this warranty is expressly limited to repair replacement, or allowance for credit, at its option, for any merchandise which is determined by QUALITY to be defective. THIS IS THE SOLE WARRANTY OF QUALITY AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and QUALITY shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.
 - 2. More specifically:

the contract of the contract of the contract of

- (A) Nothing in this contract shall be constructed as a warranty by QUALITY of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.
- (B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by QUALITY or any interpretation of test, meter readings, chart information, analysis or research, or recommendations made by QUALITY, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of QUALITY or its employees in the preparation or furnishing of such facts, information or data. (C) Work done by QUALITY shall be under the direct supervision and control of the CUSTOMER or his agent and QUALITY will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

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

No. 4358

Cell 785-324-1041		.,						
	Sec.	Twp.	Range		County	State	On Location	Finish
Date 10-19-10	24	20	11	Ba	irlan	Kam 54x		12:00pm
Lease Souther F	1	Well No.	3	Locati	on Ellipain	nd 55 5E	3N Finds	<u> </u>
Contractor Sathu	ind	Deilli	re Ro	3	Owner			
Type Job Lang str	íve	1	<u>) /)`</u>		To Quality O You are here	ritwell Cementing, Inc by requested to rent	:. : cementing equipme:	nt and furnish
Hole Size 7	<u>ک</u>	T.D.	3259		cementer an	d helper to assist ov	mer or contractor to c	to work as listed.
Csg. 5£ 15.4	5016	Depth	3257		Charge To	asing Katid	eun	
Tbg. Size		Depth	•	- · · · · · · · · · · · · · · · · · · ·	Street			·
Tool		Depth			City		State	
Cement Left in Csg 20	(Shoe J	oint 201		The above wa	as done to satisfaction	and supervision of owner	r agent or contractor
Meas Line		Displac	e 77/	367	Cement Am	ount Ordered /8) Common	11850H
	EQUIP	MENT		•	Saloila	chito 500	Gal Med (ear-48
Pumptrk 7 Help		Perre			Common	180	·	
Bulktrk S No. Drive	er 42	wt			Poz. Mi			
Bulktrk No. Driv		· ·	<u> </u>		Gel.			
JOB S	ERVICES	& REMA	RKS		Calcium			
Remarks:					Hulls			
Rat Hole 305×					Salt 15			<u> </u>
Mouse Hole					Flowseal			
Centralizers			<u> </u>		Kol-Seal 9	00#	<u> </u>	
Baskets			·	 	Mud CLR 48	3500 gal	·	
D/V or Port Collar			· · · · · · · · · · · · · · · · · · ·		CFL-117 or	CD110 CAF 38		
			W. W.L.		Sand		······································	
Rot Hole 3	ار پر	-		<u></u>	Handling	195		
Mix 1505x day	n 53	" Casi	K.A	,	Mileage		in and the state of	A-
Land Die on	200	مَّادِينَ	0			FLOAT EQUIP	AENT	
4117		<i>P</i> -			Guide Shoe			
Float Hold					Centralizer	10 Turks		
					Baskets	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
	in an		e de la companya della companya dell	's **	AFU Inserts	· Adda Z	S C CON U	KECEIVED
		i î		11	Float Shoe			MAY 1 7 2011
	N 15 7.	None of the	(2 (°)		Latch Down	/		
		<u>.</u>			1	Packer Slove	KC	4 WICHITA
		F -			- 177		771	
	" January !				Pumptrk Ch	arge problem	Steins	
115				***	Mileage 2	230	2.27	
Now							Ta	×
1 1	, ,	<u> </u>			7		Discour	ıt
X Signature	1ds	w			7		Total Charge	в
- The state of the	1				<u></u>			

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PO Box 32 - 740 West Wichita Ave, Russell KS 67665 Phone:785-324-1041 fax:785-483-1087 Email: cementing@ruraltel.net Date: 10/18/2010 Invoice # 4335

P.O.#:

Due Date: 11/17/2010 Division: Russell

Invoice

Contact:
CASINO PETROLEUM
Address/Job Location:
CASINO PETROLEUM
P.O. BOX 415
ELLINWOOD KS 67526

Reference: SESSLER A 8

Description of Work: SURFACE JOB

Services / Items Included:	Quantity	
Labor		
Common-Class A	180	
Bulk Truck Mati-Material Service Charge	300	
Calcium Chloride	6	
Pump Truck Mileage-Job to Nearest Camp	23	
Flo Seal	75	
Bulk Truck Mileage-Job to Nearest Bulk Plant	23	
Premium Gel (Bentonito)	3	

Invoice Terms:

Net 30

Thank You For Your Business!

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.

RECEIVED
MAY 17 2911
KCC WICHITA



PO Box 32 - 740 West Wichita Ave, Russell KS 67665 Phone:785-324-1041 fax:785-483-1087 Email: cementing@ruralteLnet Date: 10/20/2010 Invoice # 4358

P.O.#:

Due Date: 11/19/2010 Division: Russell

Invoice

Contact:
CASINO PETROLEUM
Address/Job Location:
CASINO PETROLEUM
P.O. BOX 415
ELLINWOOD KS 67526

Reference: SESSLER A 8

Description of Work:

PROD LONG STRING

Services / Items Included:	Quantity
Labor	
Common-Class A	180
rial Rubber Cementing Shoe Packer Type, 5 1/2"	1
5 1/2" Turbolizer	10
Mud Clear	500
Bulk Truck Matl-Material Service Charge	195
Kot Seat	900
Latch Down Ptug & Baffle, 5 1/2"	1
Pump Truck Mileage-Job to Nearest Camp	23
Satt (Fine)	15
Bulk Truck Mileage-Job to Nearest Bulk Plant	23
Invoice Terms:	

invoice remis.

Net 30

Thank You For Your Business!

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.



Prepared For. Casino

PO Box 415 Ellinwood, KS 67526

ATTN: Todd Morgenstern

24-20-11 Barton,KS

Sessler "A" #8

Start Date: 2010.10.18 @ 10:06:30

End Date: 2010.10.18 @ 14:48:54

Job Ticket #: 40316 DST #: 1

Trilobite Testing, Inc PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

RECEIVED
MAY P.9 2011
KCC WICHITA



Casino

Sessier "A" #8

PO Box 415

24-20-11 Barton, KS

Elinwood, KS 67526

Job Ticket: 40316

DST#: 1

ATTN: Todd Morgenstern

Test Start: 2010.10.18 @ 10:06:30

GENERAL INFORMATION:

Formation:

Arbuckle

Deviated:

No

Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole

Time Tool Opened: 11:29:25

Tester:

Brian Fairbank

Time Test Ended: 14:48:54

3220.00 ft (KB) To 3257.00 ft (KB) (TVD)

Unit No:

1751.00 ft (KB)

Interval: Total Depth:

Reference Elevations:

1743.00 ft (CF)

Hole Diameter:

3257.00 ft (KB) (TVD)

7.88 inchesHole Condition: Good

KB to GR/CF:

8.00 ft

Serial #: 8647 Press@RunDepth:

Inside

68.74 psig @

3223.00 ft (KB)

Capacity:

8000.00 psig

Start Date:

2010.10.18

End Date:

2010.10.18

Last Calib .:

Start Time:

10:06:30

End Time:

14:48:54

Time On Btm:

2010.10.18 2010.10.18 @ 11:27:55

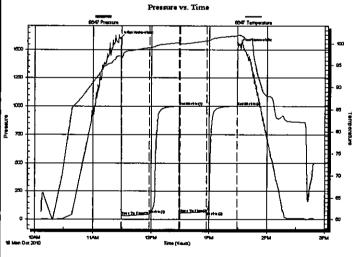
Time Off Btm:

2010.10.18 @ 13:30:55

TEST COMMENT: IFP-BOB 7 min

ISt - no blow back FFP - BOB 8 min

FSI - no blow back 10 min - sur blow



		PRESSURE SUMMARY								
	Time	Pressure	Temp	Annotation						
100	(Min.)	(psig)	(deg F)							
	0	1603.08	97.13	Initial Hydro-static						
95	2	35.70	96.68	Open To Flow (1)						
80	30	48.52	98.99	Shut-In(1)						
	61	1001.25	100.22	End Shut-In(1)						
85 1	62	57.68	100.00	Open To Flow (2)						
Temperature 8	90	68.74	100.63	Shut-In(2)						
ž rs	121	1001.79	101.81	End Shut-in(2)						
rə	123	1543.09	101.93	Final Hydro-static						
70										
65										
to										

Recovery

Description	Volume (bbl)
GOCM 45%G, 20%O, 35%M	1.68
465' GIP	0.00
	GOCM 45%G, 20%O, 35%M

Gas Rates

Choke (inches) Pressure (psig) Gas Rate (Mct/d)



TOOL DIAGRAM

Casino

Sessler "A" #8

PO Box 415 Elinwood, KS 67526 24-20-11 Barton, KS

Job Ticket: 40316

DST#:1

ATTN: Todd Morgenstern

Test Start: 2010.10.18 @ 10:06:30

Tool Information

Drill Pipe: Heavy Wt. Pipe: Length:

Length: 3223.00 ft Diameter: 0.00 ft Diameter: 3.80 inches Volume: 0.00 inches Volume:

45.21 bbl 0.00 bbl 0.00 bbl Tool Weight:

2500.00 b

Length: Drill Collar:

0.00 ft Diameter:

0.00 inches Volume: Total Volume:

45.21 bbl

Weight set on Packer: 25000.00 lb Weight to Pull Loose: 45000.00 lb

Drill Pipe Above KB: Depth to Top Packer:

23.00 ft 3220.00 ft

Tool Chased 0.00 ft 39000.00 lb

Depth to Bottom Packer:

fŧ

String Weight: Initial Final 39000.00 lb

Interval between Packers: Tool Length:

37.00 ft 57.00 ft

Number of Packers:

Diameter:

6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			3205.00		
Hydraulic tool	5.00			3210.00		
Packer	5.00			3215.00	20.00	Bottom Of Top Packer
Packer	5.00			3220.00		
Stubb	1.00			3221.00		•
Perforations	1.00			3222.00		
Change Over Sub	1.00			3223.00		
Recorder	0.00	8647	Inside	3223.00		
Recorder	0.00	8365	Outside	3223.00		
Blank Spacing	30.00			3253.00		
Change Over Sub	1.00			3254.00		
Bullnose	3.00			3257.00	37.00	Bottom Packers & Anchor

Total Tool Length:

57.00

Trilobite Testing, Inc.

Ref. No: 40316

Printed: 2010.10.28 @ 11:47:05 Page 3



FLUID SUMMARY

Casino

Sessier "A" #8

PO Box 415

24-20-11 Barton, KS

Elinwood, KS 67526

Job Ticket: 40316

D\$T#:1

ATTN: Todd Morgenstern

Test Start: 2010.10.18 @ 10:06:30

Mud and Cushion Information

Mud Type: Gel Chem

9.00 lb/gal

Cushion Type:

Oil APt:

deg API

Mud Weight:

50.00 sec/qt

Cushion Length:

Water Salinity:

ppm

Viscosity: Water Loss:

7.95 in³

Cushion Volume: Gas Cushion Type: ft bbl

Resistivity:

ohm.m 3700.00 ppm

Gas Cushion Pressure:

psig

Salinity: Filter Cake:

inches

Recovery Information

Recovery Table

Length ft Description Volume ЬЫ 120.00 GOCM 45%G, 20%O, 35%M 1.683 0.00 465' GIP 0.000

Total Length:

120.00 ft

Total Volume:

1.683 bbl

Num Fluid Samples: 0

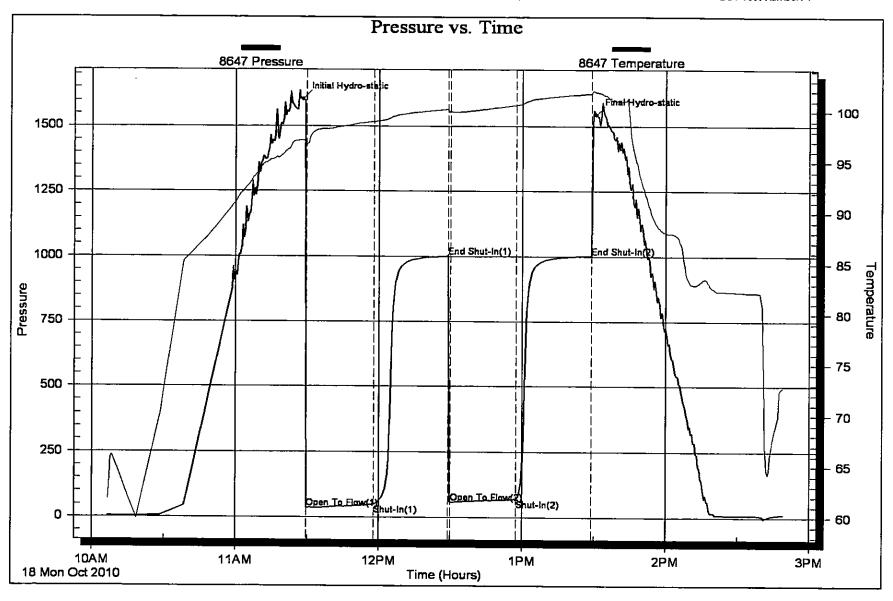
Num Gas Bombs:

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





Prepared For: Casino

PO Box 415

Ellinwood, KS 67526

ATTN: Todd Morgenstern

24-20-11 Barton,KS

Sessler "A" #8

Start Date: 2010.10.18 @ 19:54:14

End Date: 2010.10.19 @ 00:41:38

Job Ticket #: 40317 DST #: 2

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



Casino

Sessler "A" #8

24-20-11 Barton, KS

PO Box 415 Elinwood, KS 67526

Job Ticket: 40317

DST#: 2

ATTN: Todd Morgenstern

Test Start: 2010.10.18 @ 19:54:14

GENERAL INFORMATION:

Time Tool Opened: 21:05:39

Time Test Ended: 00:41:38

Formation:

Arbuckle (2)

Deviated:

Interval:

Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole

Tester:

Brian Fairbank

Unit No:

Reference Elevations:

1751.00 ft (KB)

KB to GR/CF:

1743.00 ft (CF)

Total Depth:

Start Date:

Start Time:

3238.00 ft (KB) To 3258.00 ft (KB) (TVD)

3258.00 ft (KB) (TVD)

Hole Diameter:

7.88 inchesHole Condition: Good

8.00 ft

Serial #: 8647 Press@RunDepth:

Inside

72.55 psig @ 2010.10.18

19:54:14

3240.00 ft (KB) End Date: End Time:

2010.10.19

Capacity: Last Calib.: 8000.00 psig

00:41:38

Time On Btm:

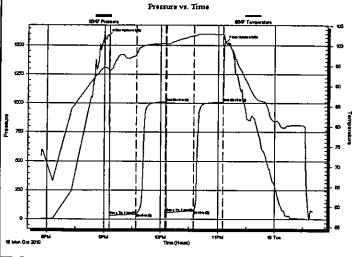
2010.10.19 2010.10.18 @ 21:04:09

Time Off Btm:

2010.10.18 @ 23:07:39

TEST COMMENT: IFP-BOB 14 min

ISI - no blow back FFP - BOB 7 min FSI - 4 1/2" blow back



	PRESSURE SUMMARY								
05	Time	Pressure	Temp	Annotation					
œ	(Min.)	(psig)	(deg F)						
	0	1583.64	94.26	Initial Hydro-static					
5	2	33.73	93.37	Open To Flow (1)					
0	30	48.32	97.73	Shut-In(1)					
8	61	1010.40	100.54	End Shut-In(1)					
	· 62	56.89	100.45	Open To Flow (2)					
о пределед	91	72.55	102.46	Shut-In(2)					
, a	121	1010.70	102.83	End Shut-In(2)					
ь і	124	1525.14	101.17	Final Hydro-static					
•									
0									
,									
		·							

Recovery Length (ft) Description Volume (bbl) 45.00 SGO & WCM 40%G, 5%O, 5%W, 50%M 0.63 35.00 GOCM 60%G, 15%O, 25%M 0.49 40.00 GHOCM 20%G, 35%O, 45%M 0.56 0.00 435' GIP 0.00

Gas Rates						
		Choie (inches)	Pressure (pslg)	Gas Rate (Mct/d)		



TOOL DIAGRAM

Casino

Sessier "A" #8

PO Box 415 Elinwood, KS 67526 24-20-11 Barton, KS

Job Ticket: 40317

DST#: 2

ATTN: Todd Morgenstern

Test Start: 2010.10.18 @ 19:54:14

Tool Information

Drill Collar:

Drill Pipe: Length: 3222.00 ft Diameter: Heavy Wt. Pipe: Length:

Length:

0.00 ft Diameter: 0.00 ft Diameter:

4.00 ft

Diameter:

3.80 inches Volume: 0.00 inches Volume: 0.00 inches Volume: Total Volume:

0.00 bb! 0.00 bb! 45.20 bbl

45.20 bbl

Tool Weight: Weight set on Packer: 25000.00 lb Weight to Pull Loose: 45000.00 lb

2500.00 lb

Tool Chased

0.00 ft

String Weight: Initial

39000.00 lb Final 40000.00 lb

Depth to Bottom Packer: Interval between Packers:

Drill Pipe Above KB:

Depth to Top Packer:

Number of Packers:

ft 20.00 ft

3238.00 ft

40.00 ft 2

6.75 inches

Tool Comments:

Tool Length:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut in Tool	5.00			3223.00		·
Hydraulic tool	5.00			3228.00		
Packer	5.00			3233.00	20.00	Bottom Of Top Packer
Packer	5.00			3238.00		
Stubb	1.00			3239.00		
Perforations	1.00			3240.00		
Recorder	0.00	8647	Inside	3240.00		
Recorder	0.00	8365	Outside	3240.00		
Perforations	15.00			3255.00		
Bufinose	3.00			3258.00	20.00	Bottom Packers & Anchor
Total Tool Length	i: 40.00					



FLUID SUMMARY

deg API

26000 ppm

Casino

Sessler "A" #8

PO Box 415 Elinwood, KS 67526

24-20-11 Barton, KS

Job Ticket: 40317

DST#: 2

ATTN: Todd Morgenstern

Test Start: 2010.10.18 @ 19:54:14

Oil API:

Water Salinity:

Mud and Cushion Information

Mud Type: Gel Chem Mud Weight:

9.00 lb/gal

53.00 sec/qt

Viscosity: Water Loss: Resistivity:

8.76 in³ ohmm

Salinity: Filter Cake: 5100.00 ppm inches Cushion Type:

Cushion Length:

Cushion Volume: Gas Cushion Type:

Gas Cushion Pressure:

psig

ft

bbl

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	SGO & WCM 40%G, 5%O, 5%W, 50%M	0.631
35.00	GOCM 60%G, 15%O, 25%M	0.491
40.00	GHOCM 20%G, 35%O, 45%M	0.561
0.00	435' GIP	0.000

Total Length:

120.00 ft

Total Volume:

1.683 bbl

0

Num Fluid Samples: 0

Num Gas Bombs:

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

