

# Kansas Corporation Commission Oil & Gas Conservation Division

# 1085488

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:	SecTwpS. R
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
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:
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	Amount of Surface Pipe Set and Cemented at: Feet  Multiple Stage Cementing Collar Used? Yes No  If yes, show depth set: Feet  If Alternate II completion, cement circulated from: sx cmt
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Original Total Depth: Conv. to ENHR	Chloride content: ppm Fluid volume: bbls  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 #:	QuarterSec TwpS. R East West
ENHR Permit #:	County: Permit #:
GSW Permit #:	
Spud Date or Date Reached TD Completion Date or 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 Twp	S. R	East West	Count	y:				
	osed, flowing and shu es if gas to surface te	t-in pressures, wheth st, along with final ch	er shut-in pres	ssure read	ched static level,	hydrostatic press	sures, bottom h	giving interval tested, sole temperature, fluid py of all Electric Wire-
Drill Stem Tests Taker		☐ Yes ☐ No	)		og Formation	n (Top), Depth ar	nd Datum	Sample
Samples Sent to Geo	logical Survey	Yes No	)	Nam	е		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Copy		Yes No	)					
List All E. Logs Run:								
			ING RECORD	☐ Ne	ew Used	on. etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	We	eight . / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
	Dillied	Oct (III O.D.)	200	.,, , , ,	Верин	Comen	Osca	Additives
		ADDITIO	NIAL OFMENT	'NO / OO!	IFF7F DECORD			
Purpose:	Depth				JEEZE RECORD	Time and I	Doroont Additives	
Perforate	Top Bottom	Type of Cement	# Sack	s Used		Type and i	Percent Additives	
Protect Casing Plug Back TD								
Plug Off Zone								
Shots Per Foot	PERFORATI Specify I	ON RECORD - Bridge Footage of Each Interval	Plugs Set/Type I Perforated	:		cture, Shot, Cemen mount and Kind of M		d Depth
TUBING RECORD:	Size:	Set At:	Packer /	At:	Liner Run:	Yes No	)	
Date of First, Resumed	Production, SWD or EN	HR. Producing		ng 🗌	Gas Lift C	Other (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf	Wate	er Bl	bls.	Gas-Oil Ratio	Gravity
DISPOSITION	ON OF GAS:		METHOD O	F COMPLE	ETION:		PRODUCTIO	ON INTERVAL:
Vented Solo		Open Hole	Perf.	Dually	Comp. Con	nmingled		
(If vented, Sui	bmit ACO-18.)	Other (Specification)	y)	(Submit )	4CO-5) (Subi	mit ACO-4)		



Prepared For: Casino Petroleum LLC

> PO Box 415 Ellinwood KS 67526

ATTN: Chris Batchman/Todd

# Sessler #9

# 24-20s-11w Barton,KS

Start Date: 2012.06.10 @ 02:47:00 End Date: 2012.06.10 @ 10:31:45 Job Ticket #: 47555 DST #: 1

Trilobite Testing, Inc PO Box 362 Hays, KS 67601

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



Casino Petroleum LLC

24-20s-11w Barton, KS

DST#: 1

Sessler #9

PO Box 415

Elinwood KS 67526 Job Ticket: 47555

ATTN: Chris Batchman/Todd Test Start: 2012.06.10 @ 02:47:00

## **GENERAL INFORMATION:**

Formation: **Arbuckle** 

Deviated: Test Type: Conventional Bottom Hole (Initial) No Whipstock: ft (KB)

Time Tool Opened: 05:54:00 Tester: Chris Staats 47

Time Test Ended: 10:31:45 Unit No:

3227.00 ft (KB) To 3249.00 ft (KB) (TVD) Reference Elevations: 1751.00 ft (KB) Interval:

Total Depth: 3249.00 ft (KB) (TVD) 1745.00 ft (CF)

7.88 inches Hole Condition: Fair KB to GR/CF: Hole Diameter: 6.00 ft

Serial #: 6755 Outside

Press@RunDepth: 3228.00 ft (KB) 902.13 psig @ Capacity: 8000.00 psig

Time

122

124

1012.07

1513.36

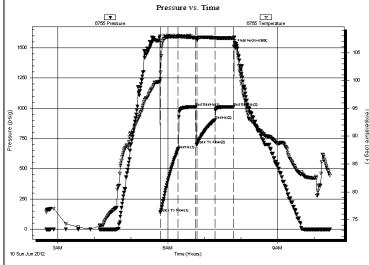
Start Date: 2012.06.10 End Date: 2012.06.10 Last Calib.: 2012.06.10 Start Time: 02:41:05 End Time: 10:25:44 Time On Btm: 2012.06.10 @ 05:45:30

Time Off Btm: 2012.06.10 @ 07:48:45

TEST COMMENT: IF: Strong blow BOB 1 min

ISI: No blow back

FF: Strong blow BOB 1 min FSI: Weak blow back 1"



(Min.)	(psig)	(deg F)	
0	1558.82	99.73	Initial Hydro-static
3	138.32	100.26	Open To Flow (1)
32	661.11	107.87	Shut-In(1)
60	1011.71	107.66	End Shut-In(1)
63	701.59	107.22	Open To Flow (2)
92	902.13	107.67	Shut-In(2)

Pressure Temp Annotation

PRESSURE SUMMARY

#### Recovery

Length (ft)	Description	Volume (bbl)
392.00	O,G,W,M 10%oil 20%gas 30%w ater40	%4.41
310.00	O,M,W 5%oil 5% mud 90% w ater	4.35
1798.00	WATER 100%	25.22
-		

#### Gas Rates

107.56 End Shut-In(2) 107.61 Final Hydro-static

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

Trilobite Testing, Inc. Ref. No: 47555 Printed: 2012.06.18 @ 14:11:57



Casino Petroleum LLC

24-20s-11w Barton, KS

DST#: 1

Sessler #9

PO Box 415

Elinw ood KS 67526 Job Ticket: 47555

ATTN: Chris Batchman/Todd Test Start: 2012.06.10 @ 02:47:00

# **GENERAL INFORMATION:**

Formation: **Arbuckle** 

Deviated: No Whipstock: Test Type: Conventional Bottom Hole (Initial) ft (KB)

Time Tool Opened: 05:54:00 Tester: Chris Staats 47

Time Test Ended: 10:31:45 Unit No:

Interval: 3227.00 ft (KB) To 3249.00 ft (KB) (TVD) Reference Elevations: 1751.00 ft (KB)

Total Depth: 3249.00 ft (KB) (TVD) 1745.00 ft (CF)

7.88 inches Hole Condition: Fair KB to GR/CF: Hole Diameter: 6.00 ft

Serial #: 6773 Inside

Press@RunDepth: 3228.00 ft (KB) 8000.00 psig psig @ Capacity:

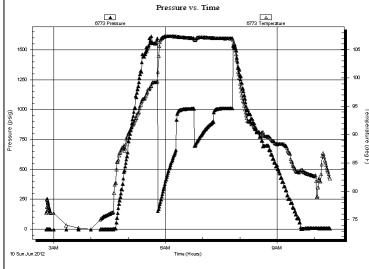
Start Date: 2012.06.10 End Date: 2012.06.10 Last Calib.: 2012.06.10

Start Time: 02:47:50 End Time: 10:25:29 Time On Btm: Time Off Btm:

TEST COMMENT: IF: Strong blow BOB 1 min

ISI: No blow back

FF: Strong blow BOB 1 min FSI: Weak blow back 1"



P	RESSUR	RE SUMMARY
	T	A t - t!

	Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
Tempera				
Temperature (deg F)				
Ε)				

# Recovery

Length (ft)	Description	Volume (bbl)
392.00	O,G,W,M 10%oil 20%gas 30%w ater40	%4.41
310.00	O,M,W 5%oil 5% mud 90% w ater	4.35
1798.00	WATER 100%	25.22

#### Gas Rates

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

Trilobite Testing, Inc. Ref. No: 47555 Printed: 2012.06.18 @ 14:11:58



**TOOL DIAGRAM** 

Casino Petroleum LLC

24-20s-11w Barton, KS

PO Box 415

Sessler #9

Ellinw ood KS 67526

Job Ticket: 47555

DST#: 1

ATTN: Chris Batchman/Todd

Test Start: 2012.06.10 @ 02:47:00

**Tool Information** 

Drill Pipe: Length: 3095.00 ft Diameter: Heavy Wt. Pipe: Length: Drill Collar: Length:

0.00 ft Diameter: 119.00 ft Diameter:

Diameter:

8.00 ft

3227.00 ft

3.80 inches Volume: 43.41 bbl 0.00 inches Volume: 0.00 bbl 2.25 inches Volume: 0.59 bbl

Total Volume:

Tool Weight: 2200.00 lb Weight set on Packer: 25000.00 lb Weight to Pull Loose: 55000.00 lb

44.00 bbl

2.00 ft

Tool Chased

String Weight: Initial 44000.00 lb Final 50000.00 lb

Depth to Bottom Packer: ft Interval between Packers: 22.00 ft

Tool Length: 43.00 ft 2

Number of Packers:

Drill Pipe Above KB:

Depth to Top Packer:

6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3207.00		
Shut In Tool	5.00			3212.00		
Hydraulic tool	5.00			3217.00		
Packer	5.00			3222.00	21.00	Bottom Of Top Packer
Packer	5.00			3227.00		
Stubb	1.00			3228.00		
Recorder	0.00	6773	Inside	3228.00		
Recorder	0.00	6755	Outside	3228.00		
Perforations	18.00			3246.00		
Bullnose	3.00			3249.00	22.00	Bottom Packers & Anchor

**Total Tool Length:** 43.00

Trilobite Testing, Inc Ref. No: 47555 Printed: 2012.06.18 @ 14:11:58



**FLUID SUMMARY** 

Casino Petroleum LLC

ATTN: Chris Batchman/Todd

24-20s-11w Barton, KS

PO Box 415

Sessler #9

Job Ticket: 47555

DST#: 1

Elinw ood KS 67526

Test Start: 2012.06.10 @ 02:47:00

## **Mud and Cushion Information**

Mud Type: Gel Chem Cushion Type: Oil API: deg API

Mud Weight: 9.00 lb/gal Cushion Length: ft Water Salinity: 75000 ppm

Viscosity: 48.00 sec/qt Cushion Volume: bbl

Water Loss: 9.19 in<sup>3</sup> Gas Cushion Type:

Resistivity: 0.00 ohm.m Gas Cushion Pressure: psig

Salinity: 8200.00 ppm Filter Cake: 0.02 inches

# **Recovery Information**

## Recovery Table

Length ft	Description	Volume bbl
392.00	O,G,W,M 10%oil 20%gas 30%w ater40%m	uc 4.415
310.00	O,M,W 5%oil 5% mud 90% w ater	4.348
1798.00	WATER 100%	25.221

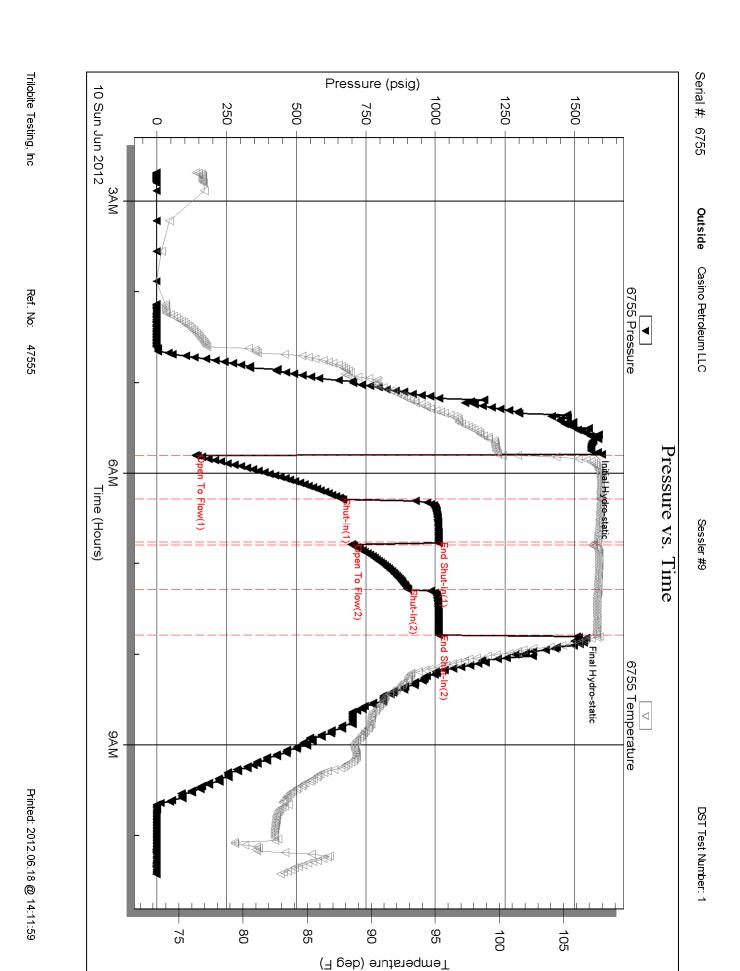
Total Length: 2500.00 ft Total Volume: 33.984 bbl

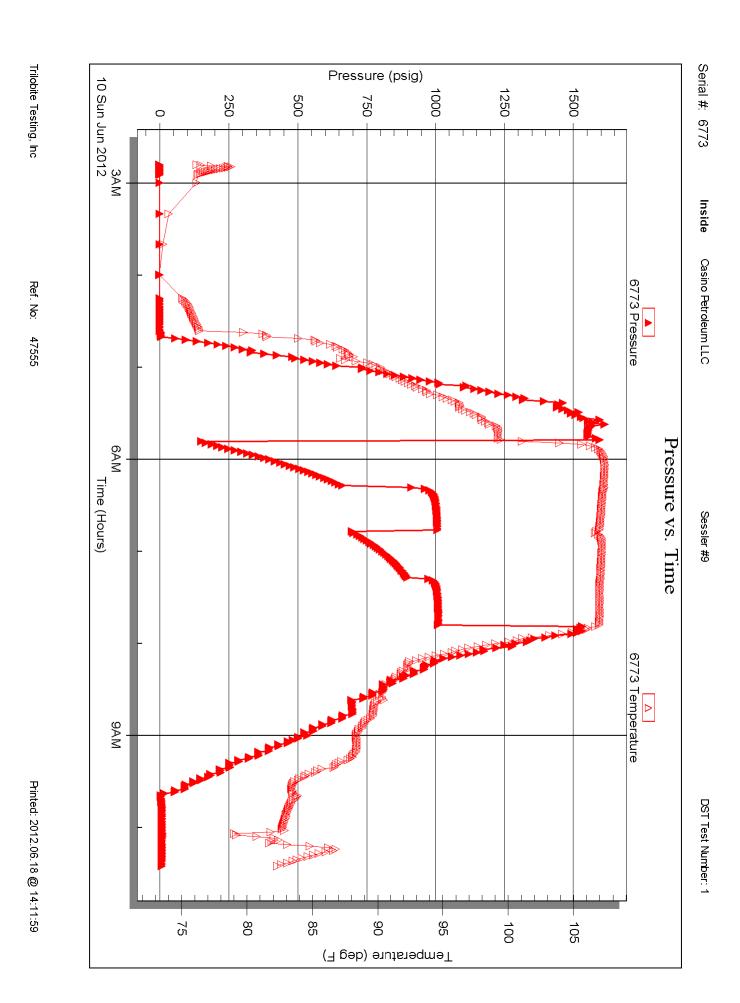
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 47555 Printed: 2012.06.18 @ 14:11:59







# RILOBITE ESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

# **Test Ticket**

NO. 47555

4/10		
Well Name & No. Sessler #	7 Test No.	1 Date 6-10-12
company Casino PetroLeuw	LL C Elevation	1751 KB 1745 GL
Address PO DOX 415 Ellin		
Co. Rep/Geo. Chris Batchman/To		
21.	Rge. / W Co. Ba	
Interval Tested 3227 - 3249	Zone Tested ARBUCK	le
Anchor Length 22	Drill Pipe Run 3/25	Mud Wt 9,0
Top Packer Depth 3-22	Drill Collars Run 119	4.67
Bottom Packer Depth 327	Wt. Pipe Run	wl 9.2
Total Depth 32 49	Chlorides 8200	ppm System LCM
Blow Description IF: STrong blow	BOB Inin	
ISI: No blow back		
FF: STRONG Blow BOB	/min	
FSI:		
Rec 392 Feet of O, G, W, M	20 %gas	10 %oil 30 %water 40%mud
Rec 3/0' Feet of O.M. W	%gas	5 %oil 90 %water 5 \$ %muc
Rec 1798' Feet of WATER	%gas	%oil 100 %water %mud
Rec Feet of	%gas	%oil %water %muc
RecFeet of	%gas	%oil %water %mud
Rec Total <u>2500</u> BHT 107	Gravity - API RW , 18	@ 84 °F Chlorides 75,000 ppm
A) Initial Hydrostatic /558	Test1150	T-On Location 2 / 30
B) First Initial Flow	☐ Jars	T-Started 2:47
C) First Final Flow 66	☐ Safety Joint	T-Open 5:54
D) Initial Shut-In	☐ Circ Sub	T-Pulled 8:00
E) Second Initial Flow 701	☐ Hourly Standby	T-Out /0:15
F) Second Final Flow 902	Mileage 120 Miles	Comments
G) Final Shut-In 10/2	☐ Sampler	
H) Final Hydrostatic	☐ Straddle	Ruined Shale Packer
2-	☐ Shale Packer	
nitial Open 30	☐ Extra Packer	
nitial Shut-In 30	☐ Extra Recorder	
Final Flow 30	☐ Day Standby	
Final Shut-In 30	☐ Accessibility	
Approved By Q obot Slevenson	Sub Total 1336	/ 1 0

# QUALITY OILWELL CEMENTING, 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. 861

MENED & Dumper DISOS KS Draw Casar Baskets
Lease SENCEP Well No. ## Q Location ETTAL SENSE FOR BOAK SET TO CONTRACTOR SOLUTION ## Q Owner Contractor Solution ## Q Owne
To Quality Olivell Cementing, Inc.  You are hereby requested to rent cementing equipment and furnish cementer and hereby requested to rent cementing equipment and furnish cementer and hereby requested to rent cementing equipment and furnish cementer and hereby requested to rent cementing equipment and furnish cementer and hereby requested to rent cementing equipment and furnish cementer and hereby requested to rent cementing equipment and furnish cementer and hereby requested to rent cementary requested to rent cementing equipment and furnish cementer and hereby requested to rent cementary requested to rent cement and furnish cementer and hereby requested to rent cement and furnish cementer and turnish cementer and turnish cementer and turnish cementer and furnish cementer an
Type Job Hos Strand Hole Size 7 1/2"  T.D. 3310 '  Depth 3301 '  T.D. 3310 '  Commenter and helper to assist owner or contractor to do work as listed.  Cast. 550 ' 14 LB NELL Depth 3301 '  Tool Depth Street R R 2 415 '  Comment Left in Csq. Shoe Joint 20 35 '  Meas Line Displace 80 R: Cement Amount Ordered 150 ' 20 10 10 10 10 10 10 10 10 10 10 10 10 10
Hole Size 7 20"  T.D. 3310   Cementer and helper to assist owner or contractor to do work as listed.  Csg. 55"   YILR NEW   Depth   Street R R R YIS   Tool   Depth   City ELL TUNNON   State KS   La 15 JU   Cement Left in Csg.   Shoe Joint 20 35"   The above was done to satisfaction and supervision of owner agent or contractor  Meas Line   Displace 80 R   Cement Amount Ordered 150   Yo 10 10 10 10 10 10 10 10 10 10 10 10 10
Tog. Size  Depth Street R. 415  Cement Left in Csg. Shoe Joint 20 35 ' The above was done to satisfaction and supervision of owner agent or contractor  Meas Line  Displace 80 R.  Cement Amount Ordered 150 10 10 10 10 10 10 10 10 10 10 10 10 10
Tool  Cement Left in Csg.  Shoe Joint 20 35  The above was done to satisfaction and supervision of owner agent or contractor  Cement Amount Ordered 150  Cem
Cement Left in Csg.  Shoe Joint 20 35 'The above was done to satisfaction and supervision of owner agent or contractor  Meas Line  EQUIPMENT  Pumptr 5 No.   Cementer Nick   Common 90   Bulktik 4 No.   Driver
Meas Line    Displace   Red
FOUIPMENT  Pumptik S No. Cementer No. K Common 90  Bulktik 1 No. Driver Driver Poz. Mix 00  Bulktik 1 No. Driver C V Driver C
Pumptik IS No. Cementer NICK Helper No. Driver Poz. Mix  Bulktrik I No. Driver School Gel. 3  JOB SERVICES & REMARKS  Remarks:  Rat Hole  Mouse Hole  Centralizers  Baskets  Diver Collar  Kol-Seal  Mud CLR 48  Sand  Ran Float Equipment - Degree Basic  Ran Float Equipment - Degree Basic  Mileage  Mac Control Flore  Mileage  Mileage  Mileage  Mileage  Mileage  Mileag
Pumptik S Helper Nick Control of Bulktrk 14 No. Driver Driver S Gel. 3  Bulktrk 14 No. Driver Gev Gel. 3  JOB SERVICES & REMARKS Calcium  Remarks: Hulls  Rat Hole Salt / 3  Mouse Hole Flowseal 3 7 H  Centralizers Kol-Seal  Baskets Mud CLR 48 50 091 5  DN or Port Collar CFL-117 or CD110 CAF 38  Sand  Ran First Equipment Depus Bour Handling 6 Mileage  Mouse Control of the Collar Sold of the C
Bulktrk 19 No. Driver Carlo Gel. 3  JOB SERVICES & REMARKS  Calcium  Remarks:  Hulls  Rat Hole  Mouse Hole  Centralizers  Baskets  D/V or Port Collar  CFL-117 or CD110 CAF 38  Sand  Ray Front Equation Carlo Bar Mileage
Bulktrk Driver  JOB SERVICES & REMARKS  Calcium  Remarks:  Hulls  Rat Hole  Salt /3  Mouse Hole  Centralizers  Kol-Seal  Baskets  Mud CLR 48  SOGG S  D/V or Port Collar  CFL-117 or CD110 CAF 38  Sand  Ran Flort Equation Carous She Mileage  Mileage  Mileage  Mileage  FLOAT EQUIPMENT  Guide Shoe  Centralizer 4.55  Guide Shoe  Centralizer 4.55  Marke Carous She Markets  Guide Shoe  Centralizer 4.55  Markets  Baskets
Remarks:  Hulls  Rat Hole  Salt /3  Mouse Hole  Flowseal 37 /4  Centralizers  Kol-Seal  Baskets  Mud CLR 48 50 99 5  DV or Port Collar  CFL-117 or CD110 CAF 38  Sand  Ray Flore Equation Congress She Mileage  Mi
Rat Hole  Salt /3  Mouse Hole  Flowseal 37 /4  Centralizers  Kol-Seal  Baskets  Mud CLR 48 500 5915  D/V or Port Collar  CFL-117 or CD110 CAF 38  Sand  Handling / 6  Ray Floot Equation Congress Multiple Float Equipment  CPC 48 - No Correst Multiple Guide Shoe  Quigno Rat Hot 30 565 Mary Congress Baskets  Baskets  Baskets  Baskets
Mouse Hole  Centralizers  Kol-Seal  Baskets  Mud CLR 48 500 991 5  D/V or Port Collar  CFL-117 or CD110 CAF 38  Sand  Handling/66  Beorg Caparagon Capara Basic Mileage  Mileage  FLOAT EQUIPMENT  CPC 48 - March Capara Basic Centralizer  August Ray Har 30 SKS - Danc Contract Baskets  Baskets  Baskets  Baskets
Centralizers  Baskets  Mud CLR 48 50 Gp. 5  D/V or Port Collar  CFL-117 or CD110 CAF 38  Sand  Ran FLORT EQUIPMENT - Deappea Bold Handling/66  Bear Capable Dames 50 Gp. Mileage  Mileage  FLOAT EQUIPMENT  CREAR Dames Contract Con
Baskets  D/V or Port Collar  CFL-117 or CD110 CAF 38  Sand  Ran Front Equipment - Depart Barriage  Bear Conversion Converted Ship Mileage  That Conversion Department Guide Shoe  CPC 48 - Day Conversion Ship Mileage  August Part Har 30 SK Day Conversion Baskets  Baskets
D/V or Port Collar  CFL-117 or CD110 CAF 38  Sand  Raw Flore Equipment - Deppen Bould Handling (6)  Beorg Capacitation Capacitation She Mileage  More Converted Damped Scoops Muld FLOAT EQUIPMENT  CPP 48 - Dam Capacitation Guide Shoe  Converted Damped Scoops Converted Centralizer 4.55  Market & Damped Scoops Baskets  Baskets
Ran Front Equation - Deopped Bou Handling 66  Beorg Crecuration - Crecuration 5 he Mileage  Mary Conviction Deopped 500 gos Mulp FLOAT EQUIPMENT  CRE 48 - Day Creany Denominated Guide Shoe  Parged Ran How 30 Ses - Mary Convert Centralizer 4.55  Mary Equation 2008 65 Day Creany Baskets
Ran FLORT EQUIPMENT - Deppen Bou Handling / 66  Beoke Checulation - Checulation 5 he Mileage  More Commission Dumper 500 gas Mulp FLOAT EQUIPMENT  CEP 48 - Day Crossy Deposition Guide Shoe  Purger Ran How 30 SKS - Marx Commission Gentralizer 4.55  More Department 30 SKS - Day Crosser Baskets
BEDER CTECULATION CARCULATION She, Mileage  MADE CONTRICTION DEPOSITION DUD FLOAT EQUIPMENT  CEP 48 - Day County Deposition of Guide Shoe  PURGED RAT HOLE 30 SKS - MAIX CONVENCE Centralizer 4.55°  METER DE QUIMPENS KS DAVIN COSTAN Baskets
Beorg Creculation: Creculation She. Mileage  May Connection Dimper 500 gol Mulp  FLOAT EQUIPMENT  Guide Shoe  Auggro Rat Har 30 5Ks. Man Casar Centralizer 4.55  May Casar Baskets  Baskets
MADE CONVICTION DEMOCRATED SOURCE Guide Shoe  PURGED RAT HOLE 30 SKS: MADE CONVENCE Gentralizer 4.55°  MEDICAL ROMAN CASSAR Baskets
CEP 48 - Day County Devolution Guide Shoe  Pugged Par Hou 30 5Ks : MADE CONNETT Centralizer 4.55°  METER & DUMPED 2005 KS Draw Casery Baskets
MENED & Dumper DISOS KS Draw Casar Baskets
DESONDETED WASHED US DUMO & ROTE AFU Inserts 1-53
RUG MAGE CONNECTION DESCRICED Float Shoe 1-5-311
DLUG LANDED & HELD. Latch Down
1-55 RUBBLE PLUE
THANK YOU!
Pumptrk Charge Drod Long String
Mileage )
Tax
Discount
Signature Polent Mirenson Total Charge

# GEOLOGICAL REPORT

# CASINO PETROLEUM

No. 9 Sessler "A" 2310' FSL & 2240' FWL Section 24-20S-11W Barton County, Kansas

Todd E. Morgenstern

Petroleum Geologist Sunflower Bank Building P.O. Box 251 Ellinwood, Kansas 67526 OPERATOR:

Casino Petroleum, inc.

WELL:

No. 9 Sessler "A"

API # 15-009-25,478-00-00

LOCATION:

2310' from the South Line 2240' from the West Line Section 24-20S-11W Barton County, Kansas

FIELD:

Chase-Silica

CONTRACTOR:

Southwind Drilling Inc. Rig No. 4

DRILLING COMMENCED:

06-05-2012

DRILLING COMPLETED:

06-12-2012

DRILLING TIME:

One (1) foot drilling time was recorded

from 2700' to 3310' RTD.

SAMPLES:

Samples were saved and examined from 2800'

to 3310' RTD.

**ELEVATIONS**:

1743' Ground Level

1750' Kelly Bushing

MEASUREMENTS:

All depths are measured from 1750' K.B.

CASING RECORD:

8 5/8" Surface Casing set @ 271' with 250 sxs.60/40 poz 5 ½" Production Casing set @ 3301' with 120 sxs.60/40 poz

FORMATION TESTING:

One (1) tests was run by Trilobite Testing Inc.

MUD:

Mud Co. Inc. (Chemical Mud)

**OPEN HOLE LOGS:** 

Log-Tech (CNL/CDL, DIL, MEL, CPI)

PRODUCTION:

Production Casing Set for Arbuckle Completion

## **FORMATION TOPS:**

FORMATION	SAMPLE	LOG	DATUM
HEEBNER SHALE	2844'	2844'	-1094'
TORONTO	2858'	2858'	-1110'
DOUGLAS	2875'	2874'	-1124'
BROWN LIME	2967'	2867'	-1217'
LANSING	2986'	2887'	-1237'
ARBUCKLE	3245'	3244'	-1494'
ROTARY TOTAL DEPTH	3310'	3310'	-1560'

# SAMPLE DESCRIPTIONS AND TEST DATA:

## **ARBUCKLE**

3245-3249

Dolomite, tan to light brown, finely crystalline, slightly sucrosic with fair to good visible intercrystalline porosity, good odor, fair show of free oil. Fair light brown

staining and saturation. (Covered by DST No.1)

F	0	R	M	A	T	IC	1	1	T	ES	T	N	IC	).	1

ARBUCKLE

Tested from 3227'-3249'

		I.H.P.	1558#
Strong blow BOB in 1 min	30 min.	I.F.P.	138#-661#
No blow-back	30 min.	I.S.I.P.	<u>1011#</u>
Strong blow BOB in 1 min	30 min.	F.F.P.	701#-902#
No blow-back	30 min.	F.S.I.P.	1012#
		F.H.P.	1513#

# (SEE PRESSURE CHARTS AT END OF REPORT)

RECOVERY:

392' Oil Cut Watery Mud (20%gas,10% oil, 30% water, 40% mud) 310' Oil Cut Muddy Water (5% oil, 90% water, 5% mud)

1,798' Water

TEMPERATURE:

105\*

CHLORIDES:

20,000 ppm (Recovery) 3,600 ppm (System)

Dolomite, tan to light brown, fine crystalline, sucrosic, chalky in part, with fair to good visible intercrystalline porosity, some slight vugular pin holes, some white chert, strong odor, fair show of free oil. Fair light brown staining and saturation.
 Abundant black waxy shale with dolomite as above.
 Dolomite, tan to light brown, fine to medium crystalline, rhombic in part, with good visible intercrystalline porosity, fair odor, less show of free oil. Some light brown staining .
 Dolomite, tan to light brown, fine to medium crystalline, with good visible intercrystalline porosity, no odor, fair show of gassy free oil. Some light brown staining .

## SUMMARY:

The No. 9 "A" was under geological supervision from 2800' to 3310' RTD. With the positive structural position and oil shows it was decided to run 5 ½" production casing and complete this well through perforations.

Respectfully submitted,

Todd E. Morgenstern Petroleum Geologist