KANSAS CORPORATION COMMISSION Oil & Gas Conservation Division



WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15 - 15-009-25,313-00-00
Name: CASINO	Spot Description:
Address 1: PO BOX 415	NW_5W_5E_ Sec. 14 Twp. 20 S. R. 11 East \(\) West
Address 2:	890 Feet from North / South Line of Section
City: ELLINWOOD State: KS Zip: 67526 +	
Contact Person: CHRIS BATCHMAN	Footages Calculated from Nearest Outside Section Corner:
Phone: (620) 564-2176	□ NE □ NW ☑ SE □ SW
	County: BARTON
	Lease Name: ZAHORSKY Well #: 11
Name: SOUTHWIND DRILLING, INC Wellsite Geologist: TODD E. MORGENSTERN SEP 1 7 2009	Field Name: CHASE-SILICA Well #:
vvelisite dediogist.	Producing Formation: ARBUCKLE
Purchaser: KCC WICHITA	Elevation: Ground: 1755 Kelly Bushing: 1764
Designate Type of Completion:	
New Well Re-Entry Workover SIOW	Total Depth: 3281 Plug Back Total Depth: 3281
	Amount of Surface Pipe Set and Cemented at: 265 Feet
GAS ENHR SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
CM (Coal Bed Methane) Temp. Abd Dry Other	If yes, show depth set:Feet
(Core, WSW, Expl., Cathodic, etc.)	If Alternate II completion, cement circulated from:
If Workover/Re-entry: Old Well Info as follows:	feet depth to: w/ sx cmt.
Operator:	Drilling Fluid Management Plan AH I NUL 10-8-09
Well Name:	(Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	Chloride content: 20000 ppm Fluid volume: 1250 bbls
Deepening Re-perf Conv. to Enhr Conv. to SWD	Dewatering method used: NONE
Plug Back:Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Docket No.:	·
Dual Completion Docket No.:	Operator Name: OUTLAW TANK SERVICE, INC
Other (SWD or Enhr.?) Docket No.:	Lease Name: SESSLER License No.: 4184
03/02/2009 03/08/2009 3/08/09	QuarterSec. 24 Twp.20 S. R. 11 East West
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	County: BARTON Docket No.: D-24167
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas 67202, within 120 days of the spud date, recompletion, workover or cornor 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	oversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information ested in writing and submitted with the form (see rule 82-3-107 for confidence) report shall be attached with this form. ALL CEMENTING TICKETS MUST
All requirements of the statutes, rules and regulations promulgated to regulate the are complete and correct to the best of my knowledge.	e oil and gas industry have been fully complied with and the statements herein
Signature:	KCC Office Use ONLY
Title:	N
Subscribed and sworn to before me this 15th day of September	Letter of Confidentiality Received
,	If Denied, Yes Date:
20 0 9	Wireline Log Received
Notary Public: Kathlen Dennaway	Geologist Report Received
Date Commission Expires: 10-13-20/0	- Olo Distribution
KATHLEEN DUNNAWAY	

Notary Public State of Kansas My Commission Expires 10-13-2010

Side Two

Operator Name: CASI	NO	A	Lease	Name:	ZAHORSKY		Well #: _11	
Sec. 14 Twp. 20		☐ East ✓ West	County	y: BAR	TON			
instructions: Show time tool open and close recovery, and flow rates surveyed. Attach final g	ed, flowing and sho if gas to surface to	ut-in pressures, whethe est, along with final cha	r shut-in pres	sure rea	ched static level	, hydrostatic pr	essures, bottom	hole temperature, fluid
Drill Stem Tests Taken (Attach Additional Sh	eets)	✓ Yes □ No			og Formatio	on (Top), Depth	and Datum	✓ Sample
Samples Sent to Geolog	gical Survey	☐ Yes ☑ No		Nam	ie BNER SHALE		Top 2875	Datum -1111
Cores Taken	☐ Yes ☑ No				ONTO		2890	-1126
Electric Log Run (Submit Copy)		Yes No		DOU	GLAŞ	•	2908	-1144
				BRO	MN ĖIME		2997	-1233
List All E. Logs Run:				LAN	SING		3024	-1260
				ARB	UCKLE		3276	-1512
				ROT	ARY TOTAL D	EPTH	3281	-1517
		CASIN Report all strings se	IG RECORD et-conductor, s		ew Used ermediate, produc	tion, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Wei	ight / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
SURFACE	12 1/4	8 5/8	20# NE	w	265	COMMON	375	2%GEL 3%CC
PROD CASING	7 7/8	5 1/2	15.5# N	EW	3277	COMMON	155	ASC
	_	ADDITION	AL CEMENTI	NG / SQL	JEEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Type of Cement	#Sacks	*Sacks Used Type and Percent Addition E			SEIVED	
Protect Casing Plug Back TD						SEP 1 7 2009		
Plug Off Zone							KCCI	MOUTE
	DEDECOAT	PON BECORD BUT B	0.77					NICHITA
Shots Per Foot		ION RECORD - Bridge PI Footage of Each Interval P				mount and Kind of	ent Squeeze Reco Material Used)	Depth
					•			
					-			
						· · · · · · · · · · · · · · · · · · ·		
TUBING RECORD:	Size:	Set At: 3265	Packer A	t:	Liner Run:	Yes	No .	
Date of First, Resumed Pro		·	ethod:	Flowing				er (Explain)
Estimated Production Per 24 Hours	Oil 15	Bbls. Gas	Mcf	Wat		bls.	Gas-Oil Ratio	Gravity 38
DISPOSITION	OF GAS:		METHOD OF	COMPLE	TION	. [PRODUCTI	ON INTERVAL:
Vented Sold	Used on Lease	✓ Open Hole	Perf.			nmingled	ANODOCII	C. INTERVAL
(If vented, Submi		Other (Specify)	· · · L		, <u> </u>			

QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025 Cell 785-324-1041

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

No. 2046

Sec.	Twp.	Range	Ca	illed Out	On Location	n	Job Start	Finish
Date 3-3-09 14	20						0.00001	5:00
Lease ZAHORSKY	Well No.	# Z	Locati	on 5 mile Bil	LADP-E, to S	Epsign	County County	State'
Contractor Southwind	Orla	٠			-14N, -a			
Type Job 85/8	-			You are here	ilwell Cementir by requested t	o rent ceme	nting equipment	t and furnish
Hole Size 1214		270						o work as listed.
Csg. 95/8	Depth	Depth 264.86			Charge CASINO PETROLEUM			
Tbg. Size	Depth		•	Street				
Drill Pipe	Depth		· 	City		Sta	te	
Tool	Depth	·	······································	The above wa	s done to satisfa	ction and sup	ervision of owner	agent or contractor.
Cement Left in Csg. 15	Shoe Joi	nt 15						
Press Max.	Minimum							
Meas Line	Displace					CEMEN	······································	
Perf.					·	CEINIEI		
	PMENT			Amount Ordered	75sk. (DMMON	<i>,</i>	·
	000			Consisting of	2%602	3%	C.C.	
Bulktrk 7 No. Driver DA	N			Common 3	35 ~	1000		375000
Bulktrk PU No. Driver B	664			Poz. Mix				
JOB SERVICE	S & REMAR	KS		Gel. 7		1700		11900
Pumptrk Charge 893 S	etace	4009	96	Chloride /	7 /0 /	1200		54600
Mileage 25 ∞ 6	<u> </u>	1500	1	Hulls	7			
Footage				Salt	REC	EIVED		
	Tot	al 550°	9	Flowseal	SEP	1 7 2009		
Remarks:			j			* * <u>2000</u>		
By Pur leits.	20*9	(5/2 Csa			KCCV	VICHITA	Professional Section (1997)	
		- 4					Sales Tax	i.
Mix + Pump 375sk.	Commo	N W/		Handling 3	95 -0	100		790 ∞
2%62+3%C.C	3	·		**************************************	persk per		min	40000
		(4 - 47)		0.000			Sub Total	
RETERSE PLUG					Vice William		Total	,
			Floating Equip	oment & Plugs	1-85/21	Joseph Plua	N/C	
DISP. TOTAL 16	Bbl.			Squeeze Man	Maria 1980		77 (X1947 X 1 1 1 1 1 V)	
				Rotating Head				
CIRCULATION THRU JO	B					4 2	·.:	
CIRCULATED CMT. TO PIT								
THANK, BOBBY	PLEAS	E CALL					Tax	
TOOD 4 DAN	AG	AIN]				Discount	
Signature Lynn Lynn							Total Charge	
#								

QUALITY OILWELL CEMENTING, INC.

No. 2049 Phone 785-483-2025 Home Office P.O. Box 32 Russell, KS 67665 Cell 785-324-1041 Sec. Two. Range **Called Out** On Location Job Start **Finish** ත County State Well No. Location ELLIN WOOD KI 150th Rd 1/21 D W In Owner Sto SMILE BIKTOP SE to To Quality Oilwell Cementing, Inc. Type Job You are hereby requested to rent cementing equipment and furnish 3281 **Hole Size** cementer and helper to assist owner or contractor to do work as listed. T.D. Charge To 3277 Depth Csq. ASINO EXED EUM Tbg. Size Depth Street **Drill Pipe** Depth City State Tool Depth The above was done to satisfaction and supervision of owner agent or contractor. 2.So Cement Left in Csg. Shoe Joint **Press Max** Minimum Meas Line Displace CEMENT Perf. Amount **EQUIPMENT** Common Ordered No. Cementer 302 # Galsonde **Pumptrk** Consisting of Driver Bulktrk Common Driver No. Driver Bulktrk Driver Poz. Mix **JOB SERVICES & REMARKS** Gel. Pumptrk Charge 5 KCC WICHITA Chloride Mileage Hulls Footage Salt Total Flowseal Remarks: Sales Tax Handling 3500 Mileage Sub Total Total Floating Equipment & Plugs Squeeze Manifold **Rotating Head** telo 4 Nauk Tax Discount

Discount
Total Charge

GEOLOGICAL REPORT

RECEIVED SEP 1 7 2009 KCC WICHITA

CASINO PETROLEUM

No. 11 Zahorsky 890' FSL & 2310' FEL Section 14-20S-11W Barton County, Kansas

Todd E. Morgenstern

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

Casino Petroleum

WELL:

No. 11 Zahorsky

API # 15-009-25,313-00-00

LOCATION:

890' from the South Line 2310' from the East Line Section 14-20S-11W Barton County, Kansas

FIELD:

Chase-Silica

CONTRACTOR:

Southwind Drilling Inc. Rig No. 2

DRILLING COMMENCED:

03-02-2009

DRILLING COMPLETED:

03-08-2009

DRILLING TIME:

One (1) foot drilling time was recorded

from 2700' to 3281' RTD.

SAMPLES:

Samples were saved and examined from 2800'

to 3281' RTD.

ELEVATIONS:

1755' Ground Level

1764' Kelly Bushing

MEASUREMENTS:

All depths are measured from 1764' K.B.

CASING RECORD:

8 5/8" Surface Casing set @ 265' with 375 sxs. 60/40 poz

5 1/2" Production Casing set @ 3277' with 155 sxs. ASC

FORMATION TESTING:

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

MUD:

Andy's Mud. (Chemical Mud)

OPEN HOLE LOGS:

No Open Hole Logs Were Run

PRODUCTION:

Production Casing Set for Arbuckle Open Hole Completion

FORMATION TOPS:

FORMATION	SAMPLE	DATUM
HEEBNER SHALE	2875'	-1111'
TORONTO	2890'	-1126'
DOUGLAS	2908'	-1144'
BROWN LIME	2997'	-1233'
LANSING	3024'	-1260'
ARBUCKLE	3276'	-1512'
ROTARY TOTAL DEPTH	3281'	-1517'

SAMPLE DESCRIPTIONS AND TEST DATA:

ARBUCKLE

3276-3278

Dolomite, tan and gray, dense to finely crystalline, with poor visible porosity

fair odor, very slight show of free oil on break.

(Covered by DST No.1)

3279-3281

Dolomite, tan to light brown, fine to medium crystalline, with fair to good visible Intercrystalline and pinpoint vugular porosity, strong odor, fair show of free oil.

(Covered by DST No.1)

FORMATION TEST NO. 1

ARBUCKLE

Tested from 3240'-3281'

		I.H.P.	1582#
Strong blow BOB in 1 min	30 min.	I.F.P.	125# -339#
Weak 1" blow-back	30 min.	<u>I.S.I.P.</u>	732#
Strong blow BOB in 1 min	30 min.	F.F.P.	363# -598#
Fair 6" blow-back	30 min.	F.S.I.P.	731#
•		F.H.P.	1480#

(SEE PRESSURE CHARTS AT END OF REPORT)

RECOVERY:

180' Gas In Pipe

360' Gassy Mud Cut Oil

360' Gassy Mud Cut Slightly Water Cut Oil 240' Gassy Mud and Water Cut Oil 240' Gassy Oil Cut Muddy Water

240' Water

1,440 Total Fluid Recovery

TEMPERATURE:

104*

CHLORIDES:

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

STRUCTURAL COMPARISION:

	Casino	MUSTANG
•	No. 11 Zahorsky	No. 9 Zahorsky
	C-W/2-SE	C-SE/4
	Sec. 14-20S-11W	Sec. 14-20S-11W
	OIL	D&A
HEEBNER SHALE	-1111'	-1112
TORONTO	-1126'	-1127'
BRN. LIME	-1233'	-1234'
LANSING	-1260'	-1260'
ARBUCKLE	-1512'	-1512'

SUMMARY:

The No. 11 Zahorsky was under geological supervision from 2800' to 3276' RTD. With the positive structural position, oil shows and positive results of DST No.1 it was decided to run 5 $\frac{1}{2}$ " production casing and complete this well in the open hole.

Respectfully submitted,

Todd E. Morgenstern