KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OR/GIN	Form ACO-1 September 1999 Form Must Be Typed
- · · · · ·	AL

Operator: License # 4.184	API No. 15			
Name: Casino_Petroleum	County: Scott			
Address: PO Box 415	SE - NW_SE Sec. 25 Twp. 17s. R. 31. [] East [x] West			
City/State/Zip: Ellinwood, KS 67526	1.6.5.0 feet from N (circle one) Line of Section			
Purchaser:				
Operator Contact Person: Chris BAtchman	Footages Calculated from Nearest Outside Section Corner:			
Phone: (.62.0_)9.2350.09	(circle one) NE SE) NW SW			
Contractor: Name: Murfin Drilling	Lease Nar Brungardt Well #: 1			
License: 30606	Field Name: WC Danny Ext			
Wellsite Geologist: Todd Morgenstern	Producing Formation:			
Designate Type of Completion:	Elevation: Ground: 2907 Kelly Bushing: 2912			
X New Well Re-Entry Workover	Total Depth: 4575 Plug Back Total Depth:			
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 255 Feet			
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? Yes Yes Yes Yes Yes Yes			
Ory Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth set Feet			
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from.			
Operator:	feet depth tow/sx cmt.			
Well Name:	feet depth to w/ DA Da 2/10/09			
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)			
	Chloride content ppm Fluid volume bbis			
Plug Back Plug Back Total Depth	Dewatering method used			
Commingled Docket No.				
Dual Completion Docket No	Location of fluid disposal if hauled offsite:			
Other (SWD or Enhr.?) Docket No.	Operator Name:			
10-8-02 10-14-02	Lease Name: License No.:			
Spud Date or Date Reached TD Completion Date or Recompletion Date	QuarterSecTwpS. R[] East [] West			
	County: Docket No.:			
Kansas 67202, within 120 days of the spud date, recompletion, workove information of side two of this form will be held confidential for a period of 1 107 for confidentiality in excess of 12 months). One copy of all wireline logs TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, er or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 2 months if requested in writing and submitted with the form (see rule 82-3-and geologist well report shall be attached with this form. ALL CEMENTING. Submit CP-111 form with all temporarily abandoned wells.			
Signature: WWW GT	KCC Office Use ONLY			
Title: Partner Date:	Letter of Confidentiality Received			
Subscribed and sworn to before me this a day of July	If Denied, Yes Date:			
20 07	Wireline Log Received			
Dans Vas L	Geologist Report Received RECEIVED			
Notary Public: 15 00	UIC Distribution KANSAS CORPORATION COMMISSION			
Date Commission Expires: 7-5-09 A NOTARY PUBLIC - State of Kansas	JUL 0 3 2007			
RENEE KASSELMAN My Appl Exp. 1-15-09	CONSERVATION DIVISION			

Operator Name:C Sec25_ Twp1	asino Petro 17_s_R_31_	Oleum XWest	Lease Name:		ırdt	Well #:1	
INSTRUCTIONS: SI tested, time tool oper temperature, fluid red	now important tops are and closed, flowing covery, and flow rates	d base of formations and shut-in pressures if gas to surface test, all geological well site	penetrated. Detail , whether shut-in p along with final cha	all cores. Repo	t static level, bydro	etatic process	e hottom holo
Drill Stem Tests Take		XX Yes No		Log Forma	tion (Top), Depth a	nd Datum	≨] Sample
Samples Sent to Geo	ological Survey	Yes XNo	Nai	Name		Тор	Datum
Samples Sent to Geological Survey Cores Taken Electric Log Run (Submit Copy) List All E. Logs Run:		La Ba Ma Cl	nhydrite ansing ase KC armaton herokee ississippi		2277' 3947' 4305' 4350' 4496' 4570'	+635' -1035' -1393' -1438' -1584' -1658'	
		CASING Report all strings set-	i RECORD n		ction, etc.		-
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
surface	12 /4	8 5/8		255	60/40 poz		Additives
		ADDITIONAL	CEMENTING / SQ	NEEZE BECOD			
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used	OLLZE RECON		ercent Additives	
Shots Per Foot	PERFORATION Specify Fo	I RECORD · Bridge Plug Dtage of Each Interval Per	gs Set/Type forated		acture, Shot, Cement mount and Kind of Mai		d Depth
TUBING RECORD	Size	Set At	Packer At	Liner Run	Yes No		
Date of First, Resumerd f	Production, SWD or Enh	Producing Met	hod Flowin	g Pumpi	ng Gas Lift	Othe	r (Explain)
Estimated Production Per 24 Hours	Oil Bb	s. Gas	Mcf Wate			as-Oil Ratio	Gravity
Disposition of Gas	METHOD OF COM	IPLETION		Production Inter	val		Avoid - desirenteness - harmonine - conferences - de s
Vented Sold (If vented, Subn	Used on Lease	Open Hole Other (Speci		Qually Comp.	Commingled		EIVED

JUL 0 3 2007

2					reuerai
REMIT TO					
	RUSS	ELL, KA	ANSAS 67	665	
10-8-1	52	SEC.	TWP.	RANGE	,

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665				SERVICE POINT:				
KUSS	ELL, KA	N2A2 0/0	03			OgKle	24	
10-8-02 DATE 8-02	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION 5, 10 PM	JOB START 5.45 PM	JOB FINISH	
Brungard1 LEASE 997d1	WELL#	1	LOCATION	auning 181	BEYON	COUNTY	STATE	
OLD OR NEW (Ci	rcle one)	11-	, ,	······································		36.07		
CONTRACTOR	11 0.		1 21 0	~/	0			
CONTRACTOR // TYPE OF JOB	Jurti	h JIF	9 819 8	<u>OWNER</u>	SAM	<u>e</u>		
HOLE SIZE /	2//	T.D	257	CEMENT				
CASING SIZE	950		PTH 253	······································	DEDED			
TUBING SIZE	0/0		PTH	AMOUNT OF		5 66 00		
DRILL PIPE			PTH		5 Com 32	acc do	Gel	
TOOL			PTH		**************************************			
PRES. MAX			NIMUM	COMMON	ICA -ka	_@ <i>7.85</i>	11110 02	
MEAS. LINE	·		OE JOINT	COMMON POZMIX	100 SKS		17/3,00	
CEMENT LEFT IN	LCSG	15	OL JOHAI	GEL	3 5K5	_@ <i>70.00</i>	30,00	
PERFS.	1 000.	10		GEL CHLORIDE	- 5 KS	_@ <i>30.00</i>	180.00	
DISPLACEMENT	7	5/14 B	716	CILORIDE _	B SES		180,00	
210121102112111	EOL				·			
	EQU	JIPMENT				@		
						@		
	CEMENT	ER _ <i>D &</i>	ean					
	HELPER	Way	ne	HANDLING	189 sks	-@ 	207 08	
BULK TRUCK		-	1	MILEAGE	101313	<u> </u>	201,90	
	DRIVER -	Jarra	<i>y</i>		74/5//	11.16	378.00	
BULK TRUCK				RECEIVI KANSAS CORROBATION	ED		0000	
#	DRIVER			KANSAS CORPORATION	NCOMMISSION	TOTAL	2208.90	
				DEC 202	1007			
	RE	MARKS:			OFFI	ICE		
				CONSERVATION D WICHITA, KS	Wision .	CE		
Cement di	deir	culate		DEPTH OF JO		25	5	
				PUMP TRUC	K CHARGE		520,00	
				EXTRA FOO	ŢAGE	@		
	, 	· · · · · · · · · · · · · · · · · · ·		MILEAGE	50 Miles	@ 3.00	150.00	
				PLUG_ <u>8%</u>	Surface	@	45,00	
						@		
	1/2							
		01	4			TOTAL	715.00	
CHARGE TO: C	SINO	res, C	-0					
STREET <u>P.C</u>	, Bo	× 415			FLOAT EQU	JIPMENT		
CITY EllinWO	dd_ ST	ATE K	S ZIP 6	7526-0415				

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@ **@**

MENTING CO., INC. 11918

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665			SERV	ICE POINT: OAK	ZEY
10-14-02 SEC. TWP. RANG	GE 3/ω	CALLED OUT	ON LOCATION	JOB START	JOB FINISH 230 AM
0.4		NEW 6 15-1/2E	- 1/2 N	COUNTY 5Cott	STATE
OLD OR NEW (Circle one)					
CONTRACTOR MURFUN DRIAGE TYPE OF JOB PTA HOLE SIZE 71/4" T.D. CASING SIZE DEPTH TUBING SIZE DEPTH DRILL PIPE 41/2" DEPTH	2300'	CEMENT	\$ AM DERED <u>265</u> . EA!		026% 68L
TOOL DEPTH		_	1 000 04-	- 25	12 110 15
PRES. MAX MINIMU		_ COMMON	1595KS	-@- /33	1248 -
MEAS. LINE SHOE JO	INT	POZMIX	106 5Ks	_@_ 3_33_ _	376 30
CEMENT LEFT IN CSG.		_ GEL	14 SKs	_@ <u>/o %</u>	170 %
PERFS.		_ CHLORIDE _		_@	
DISPLACEMENT EQUIPMENT		FloseAL	66**	_@	92 40
PUMPTRUCK CEMENTER TERK	Y				
# 300 HELPER WAYA	JE	- HANDLING	2798Ks	-@- <u>//0</u>	306 95
BULK TRUCK	•		44 PER SX		558
# 361 DRIVER FUZZ	<u> </u>	— MILLEAGE Z	74 pex sa,		
BULK TRUCK # DRIVER	·	_		TOTAL	272/6
REMARKS: 50 SK5 AH 2300'			SERV	ICE	
80 SKS AT 1550		DEPTH OF JO	DB 2	2300'	
50 SKS AT 775			CHARGE		630 €
50 SKS AT 280'		EXTRA FOOT		@	
10 SKS AT 40'		MILEAGE	50 MI	@ 3 %	150 €
15 5X5 RAT HOLE		PLUG 8-7	8 DRY HO	£_@	23 €
10 SKS MOUSE HOLS				@	
		RECEIVE	ED	@	
TH	ANK YOU	KANSAS CORPORATION	COMMISSION		92
THE CHARGE TO: CASINO PET,		DEC 202	007	TOTAL	803 =
CHARGETO: CHARPO DEL	CO,	CONSERVATION D	IVISION		
STREET		WICHITA, KS	FLOAT EQ	UIPMENT	
CITYSTATE	ZIP			@	
					
				@ @	
				~	

Geological Report

for



CASINO PETROLEUM

No. 1 Brungardt
SE-NW-SE
(1650' FSL & 1650' FEL)
Section 25-17S-31W
Scott County, Kansas

Todd E. Morgenstern

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

Casino Petroleum

WELL:

No. 1 Brungardt

API # 15-171-20,571-00-00

LOCATION:

SE-NW-SE

1650' from the South Line 1650' from the East Line Section 25-17S-31W Scott County, Kansas

FIELD:

WC (Danny Ext.)

CONTRACTOR:

Murfin Drilling Inc. Rig No. 8

DRILLING COMMENCED:

10-8-2002

DRILLING COMPLETED:

10-14-2002

DRILLING TIME:

One (1) foot drilling time was recorded

from 3600' to 4575' RTD.

SAMPLES:

Samples were saved and examined from 3700'

to 4575' RTD.

ELEVATIONS:

2907' Ground Level

2912' Kelly Bushing

MEASUREMENTS:

All depths are measured from 2912' K.B.

CASING RECORD:

8 5/8" Surface Casing set @ 255' with 180 sxs. 60/40 poz

FORMATION TESTING:

Three (3) tests were run by Diamond Testing Co.

John C. Riedl, Tester

MUD:

Andy's Mud & Chemical, (Chemical Mud)

OPEN HOLE LOGS:

No logs were run.

PRODUCTION:

D&A

FORMATION TOPS:

FORMATION	SAMPLE	DATUM
ANHYDRITE	2277'	+ 635'
BASE ANHYDRITE	2298'	+ 614'
HEEBNER SHALE	3907'	- 995'
LANSING	3947'	-1035'
MUNCIE CREEK	4125'	-1213'
STARK SHALE	4216′	-1304'
BASE KANSAS CITY	4305'	-1393'
MARMATON	4350′	-1438'
PAWNEE	4428'	-1516'
FORT SCOTT	4474'	-1562'
CHEROKEE	4496'	-1584'
JOHNSON	4538′	-1626'
MISSISSIPPI	4570'	-1658'
ROTARY TOTAL DEPTH	4575'	-1663'

SAMPLE DESCRIPTIONS AND TEST DATA:

LANSING: 3947-3956	Limestone, tan and cream, very finely crystalline, slightly oolitic and oolicastic, with fair to good visible oolicastic porosity, no shows of oil were noted.
3978-3985	Limestone, cream and tan, very finely crystalline, oolitic, with fair visible interoolitic porosity, no shows of oil were noted.
4032-4038	Limestone, cream and white, finely crystalline, mostly dense, slightly fossiliferous, with poor visible interfossiliferous porosity, no shows of oil were noted.
4057-4068	Limestone, tan and buff, fine to medium crystalline, oolitic and oolicastic, with abundant white chert, slightly chalky, with good visible porosity, no shows of oil were noted.
4102-4110	Limestone, tan and cream, very finely crystalline, oolitic and slightly oolicastic, with poor to fair visible intercrystalline and oolicastic porosity, no shows of oil were noted.
4134-4140	Limestone, tan and white, oolitic and slightly oolicastic, chalky, with poor visible porosity, no shows of oil were noted.

4177-4182	Limestone, cream and tan, finely crystalline, dense, oolitic and chalky, no shows of oil were noted.
4196-4201	Limestone, white and gray, finely crystalline, oolitic and slightly oolicastic, with fair oolicastic porosity, chalky, no shows of oil were noted.
4221-4232	Limestone, white and cream, very finely crystalline, very chalky, oolitic and slightly fossiliferous in part, with poor visible interfossiliferous porosity, trace of scattered staining, rare show of free oil on break, questionable light odor.
4269-4274	Limestone, tan, finely crystalline, dense, chalky, slightly oolitic, with poor visible porosity, no shows of oil were noted.
4276-4285	Limestone, gray and tan, very finely crystalline, very chalky, oolicastic in part, with poor visible porosity, no shows of oil were noted.

MARMATON (Altamont):

4378-4384

Limestone, white and gray, finely crystalline, dense, slightly fossiliferous and oolicastic, with poor visible intercrystalline and interfossiliferous porosity, very slight show of free oil, light spotted staining, light odor. (Covered by D.S.T. No. 1)

FORMATION TEST NO. 1 Altamont Tested from 4359'-4390)'		
Weak blow decreasing No blow-back No blow No blow-back	30 min. 45 min. 30 min. 45 min.	I.H.P. I.F.P. <u>I.S.I.P.</u> F.F.P. <u>F.S.I.P.</u> F.H.P.	2194# 11# -13# 395 <u>#</u> 13# -14# 590 <u>#</u> 2109#
RECOVERY:	5' Oil specked mud		
TEMPERATURE:	116*		
CHLORIDES:	N/A (Recovery) 2,000 p.p.m	n. (System)	

PAWNEE:

4428-4436

Limestone, white and cream, finely crystalline, slightly oolitic, with rare pinpoint porosity, slightly chalky, slight show of gassy free oil on break, no odor. (Covered by D.S.T. No. 2)

FORT SCOTT:

4474-4480

Limestone, tan and cream, dense to finely crystalline, oolitic, with rare intercolitic porosity, very slight show of free oil on break, slight spotted staining, no odor. (Covered by D.S.T. No. 2)

FORMATION TEST NO. 2

Pawnee & Fort Scott Tested from 4410'-4496'

		I.H.P.	2208#
Weak ½" blow	45 min.	I.F.P.	46# -67#
No blow-back	45 min.	<u>I.S.I.P.</u>	971#
Weak ¼" blow	45 min.	F.F.P.	72 # -86#
No blow-back	45 min.	F.S.I.P.	819#
		F.H.P.	2187#

RECOVERY:

70' Slightly oil & gas cut mud (5% gas, 4% oil, 91% mud)

TEMPERATURE:

120*

CHLORIDES:

N/A (Recovery) 2,000 p.p.m. (System)

JOHNSON:

4548-4558

Limestone, cream and gray, finely crystalline, slightly fossiliferous, with rare pinpoint vugular porosity, fair show of free oil, fair spotted staining, slight odor. (Covered by D.S.T. No. 3)

MISSISSIPPI:

4570-4575

Limestone, white, very finely crystalline, oolitic, chalky, with poor visible intercrystalline porosity, no shows of oil were noted.

FORMATION TEST NO. 3

Johnson

Tested from 4507'-4575'

		I.H.P.	2250#
Weak blow, dying in 15 min.	30 min.	I.F.P.	28# -34#
No blow-back	30 min.	<u>I.S.I.P.</u>	_563#
No blow	30 min.	F.F.P.	34# -41#
No blow-back	30 min.	<u>F.S.I.P.</u>	187#
		F.H.P.	2234#

RECOVERY:

15' Oil cut mud (5% oil, 95% mud)

TEMPERATURE:

118*

CHLORIDES:

N/A (Recovery) 2,000 p.p.m. (System)

DRILLING RECORD:

<u>Date</u>		Daily Drilling Record
08-04-02		Murfin Drilling moved in and rigged up. Spud well. Set 8 5/8' surface casing @ 255' w/ 180 sxs.
08-07-02	7:00 AM	Drilling @ 900'
08-08-02	7:00 AM	Drilling @ 2850'
10-11-02	7:00 AM	Drilling @ 3600', Geologist on location
10-12-02	7:00 AM	Drilling @ 4220'
10-13-02	7:00 AM	Drilling @ 4390', Ran DST No.1 & DST No. 2
10-14-02	7:00 AM	Drilling @ 4525', Ran DST No.3, Plugging well.

STRUCTURAL COMPARISION:

	CASINO PET.	Chief Drilling	Chief Drilling
	No. 1 Brungardt	No. 1 Brungardt	No. 1 Rodenberg
	SE NW SE	NW-SW-SE	NE-SE-SW
	Sec. 25-17S-31W	Sec. 25-17S-31W	Sec. 25-17S-31W
	D&A	Oil	D&A
ANHYDRITE	+ 635'	+ 643'	+ 643'
BASE ANHYDRITE	+ 614'	+ 623'	+ 623'
HEEBNER SHALE	- 995'	- 988'	- 988'
LANSING	-1035'	-1030'	-1029'
MUNCIE CRK	-1213'	-1203'	-1206'
STARK SH	-1304'	-1292'	-1295'
BASE KANSAS CITY	-1393'	-1381'	-1660'
MARMATON	-1438'	-1422'	-1422'
PAWNEE	-1516'	-1503'	-1506'
FT. SCOTT	-1562'	-1548'	-1550'
JOHNSON	-1626'	-1610'	-1614'
MISSISSIPPI	-1658'	-1638'	-1635'

SUMMARY:

The No. 1 Brungardt was under geological supervison from 3800' to 4575' RTD. Due to the low structural position and negative results of 3 drill stem tests, it was recommended to plug and abandon this well.

Respectfully submitted,

Todd E. Morgenstern

Geologist