

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

15-175-20039-00-03

Operator: License # 04951  
Name: Classen Oil and Gas, Inc.  
Address: P.O. Box 417  
City/State/Zip: Estes Park, CO 80517  
Purchaser: NCRA  
Operator Contact Person: Dan Claassen  
Phone: (970) 586-1885  
Contractor: Name: \_\_\_\_\_  
License: \_\_\_\_\_  
Wellsite Geologist: \_\_\_\_\_

Designate Type of Completion:  
\_\_\_\_ New Well \_\_\_\_ Re-Entry  Workover  
 Oil \_\_\_\_ SWD \_\_\_\_ SLOW \_\_\_\_ Temp. Abd.  
\_\_\_\_ Gas \_\_\_\_ ENHR \_\_\_\_ SIGW  
\_\_\_\_ Dry \_\_\_\_ Other (Core, WSW, Expl., Cathodic, etc)

KCC  
with  
the  
operator

If Workover/Re-entry: Old Well Info as follows:  
Operator: Sage Drilling Co., Inc.  
Well Name: Black #4-1  
Original Comp. Date: 5-2-1986 Original Total Depth: 5960'  
\_\_\_\_ Deepening \_\_\_\_ Re-perf. \_\_\_\_ Conv. to Enhr./SWD  
 Plug Back 4300' Plug Back Total Depth  
\_\_\_\_ Commingled Docket No. \_\_\_\_\_  
\_\_\_\_ Dual Completion Docket No. \_\_\_\_\_  
\_\_\_\_ Other (SWD or Enhr.?) Docket No. \_\_\_\_\_

12-3-05 Spud Date or Recompletion Date  
7-16-05 Date Reached TD  
2-23-06 Completion Date or Recompletion Date

API No. 15 \_\_\_\_\_  
County: Seward  
C SW SW Sec. 1 Twp. 34 S. R. 31  East  West  
660' feet from  S  N (circle one) Line of Section  
660' feet from E  W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW  SW  
Lease Name: Black Well #: 4-1

Field Name: kismet  
Producing Formation: Toronto  
Elevation: Ground: 2727 Kelly Bushing: 2739.5

Total Depth: 5960 Plug Back Total Depth: 5590'  
Amount of Surface Pipe Set and Cemented at 1590' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 4466' Feet

If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.  
ALTI WITH 8-28-06

Drilling Fluid Management Plan No drilling mud used  
(Data must be collected from the Reserve Pit)  
Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S.  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

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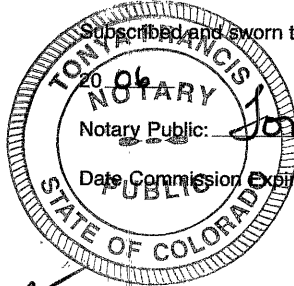
KCC with production  
7-16-05  
2-23-06

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Daniel R Classen  
Title: President Date: 4/17/06

Subscribed and sworn to before me this 25<sup>th</sup> day of April,  
2006  
Notary Public: Jonya Francis  
Date Commission Expires: My Commission Expires 9/14/2008



**KCC Office Use ONLY**  
\_\_\_\_ Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
\_\_\_\_ Wireline Log Received  
\_\_\_\_ Geologist Report Received  
\_\_\_\_ UIC Distribution

Operator Name: Claassen Oil and Gas Inc. Lease Name: Black Well #: 4-1  
 Sec. 1 Twp. 34 S. R. 31  East  West County: Seward

**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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets)  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Submit Copy)  List All E. Logs Run:	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum Cement Bond Log 2950' - 3300'
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, 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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input checked="" type="checkbox"/> Plug Off Zone	3320-22'	Premium/Comm	200	Calcium Chloride 2%
	3145-48'	Prem./Common	75	Calcium Chloride 2%

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4 SPF	3145-48' CIBP @ 4300'	acid 500 gal. 15% MCA	
2 SPF	3145-48'	acid 500 gas. 15% MCA	
	Drill out CIBP		

TUBING RECORD		Size 2 3/8	Set At 4340'	Packer At None	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. 2-23-06		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls. 4	Gas Mcf 0	Water Bbls. 200	Gas-Oil Ratio	Gravity

Disposition of Gas  Vented  Sold  Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify)

Production Interval \_\_\_\_\_

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**SALES OFFICE:**  
 100 S. Main  
 Suite #607  
 Wichita KS 67202  
 (316) 262-3699  
 (316) 262-5799 FAX

**SALES & SERVICE OFFICE:**  
 10244 NE Hiway 61  
 P.O. Box 8613  
 Pratt, KS 67124-8613  
 (620) 672-1201  
 (620) 672-5383 FAX

**SALES & SERVICE OFFICE:**  
 1700 S. Country Estates Rd.  
 P.O. Box 129  
 Liberal, KS 67905-0129  
 (620) 624-2277  
 (620) 624-2280 FAX

## Invoice

<b>Bill to:</b>  Classen Oil & Gas Inc. Attention: Dan Classen P.O. Box 417 Estes Park, CO 80517-0417	1435400	<b>Invoice</b>	<b>Invoice Date</b>	<b>Order</b>	<b>Order Date</b>
		512118	12/27/05	10448	12/9/05
		<b>Service Description</b>			
		<b>Cement</b>			
		<b>Lease</b>	<b>Well</b>	<b>Well Type</b>	
	Black	4	Old Well		
	<b>A/E</b>	<b>Purchase Order</b>	<b>Terms</b>		
			Net 30		
	<b>CustomerRep</b>	<b>Treater</b>			
	T. Eikenberry	K. Harper			

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D100	PREMIUM/Common	SK	200	\$15.00	\$3,000.00 (T)
C310	CALCIUM CHLORIDE	LBS	376	\$1.00	\$376.00 (T)
C194	CELLFLAKE	LB	47	\$3.41	\$160.27 (T)
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	60	\$4.00	\$240.00 (T)
E107	CEMENT SERVICE CHARGE	SK	200	\$1.50	\$300.00 (T)
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	282	\$1.60	\$451.20 (T)
E101	CAR, PICKUP OR VAN MILEAGE - 1 WAY	MI	30	\$2.50	\$75.00 (T)
R307	CEMENT PUMPER, 3001-3500' 1ST 4 HRS ON LOC	EA	1	\$1,565.00	\$1,565.00 (T)
S100	FUEL SURCHARGE		1	\$77.09	\$77.09 (T)

**Sub Total:** \$6,244.56  
**Discount:** \$0.00  
**Discount Sub Total:** \$6,244.56  
**Seward County & State Tax Rate: 6.55% Taxes:** \$409.02  
**(T) Taxable Item Total:** \$6,653.58

*Paid Check #18258  
12-31-05*

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 KCC WICHITA

PLEASE REMIT TO Acid Services, LLC, Dept No 1131, Tulsa, OK 74182

Accounts become past due the last day of the month following billing. Interest rate 1.5% per month (18% per year) on past due accounts.



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		602132	2/17/06	10442	2/10/06
<b>Service Description</b>					
<b>Cement</b>					
		<b>Lease</b>	<b>Well</b>	<b>Well Type</b>	
		Black	4	Old Well	
		AFE	<b>Purchase Order</b>	<b>Terms</b>	
				Net 30	
<b>CustomerRep</b>			<b>Treater</b>		
T. Eikenberry			C. Hinz/K. Harper		

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D100	PREMIUM/Common	SK	100	\$15.00	\$1,500.00 (T)
C310	CALCIUM CHLORIDE	LBS	188	\$1.00	\$188.00 (T)
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	60	\$4.00	\$240.00 (T)
E101	CAR, PICKUP OR VAN MILEAGE - 1 WAY	MI	30	\$2.50	\$75.00 (T)
F104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	282	\$1.60	\$451.20 (T)
E107	CEMENT SERVICE CHARGE	SK	200	\$1.50	\$300.00 (T)
R307	CEMENT PUMPER, 3001-3500' 1ST 4 HRS ON LOC	EA	1	\$1,565.00	\$1,565.00 (T)
S100	FUEL SURCHARGE		1	\$53.99	\$53.99 (T)

**Sub Total:** \$4,373.19  
**Seward County & State Tax Rate: 6.55%** **Taxes:** \$286.44  
 (T) Taxable Item **Total:** \$4,659.63

Paid Check # 18540  
 3-20-06

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## Invoice

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		602120	2/17/06	11112	2/16/06
	<b>Service Description</b>				
	<b>Cement</b>				
	<b>Lease</b>		<b>Well</b>		<b>Well Type</b>
Black		4		New Well	
AFE		Purchase Order		Terms	
				Net 30	
<b>CustomerRep</b>			<b>Treater</b>		
T. Eikenberry			K. Harper		

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D100	PREMIUM/Common	SK	75	\$15.00	\$1,125.00 (T)
C310	CALCIUM CHLORIDE	LBS	141	\$1.00	\$141.00 (T)
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	60	\$4.00	\$240.00
E107	CEMENT SERVICE CHARGE	SK	200	\$1.50	\$300.00
F104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	282	\$1.60	\$451.20
E101	CAR, PICKUP OR VAN MILEAGE - 1 WAY	MI	30	\$2.50	\$75.00
R307	CEMENT PUMPER, 3001-3500' 1ST 4 HRS ON LOC	EA	1	\$1,565.00	\$1,565.00
S100	FUEL SURCHARGE		1	\$48.72	\$48.72

**Sub Total:** \$3,945.92  
**Discount:** \$0.00  
**Discount Sub Total:** \$3,945.92  
**Seward County & State Tax Rate: 6.55% Taxes:** \$82.92  
**(T) Taxable Item Total:** \$4,028.84

Paid Check #18655  
 4-5-06

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		602120	2/17/06	11112	2/16/06
	<b>Service Description</b>				
	<b>Cement</b>				
		<b>Lease</b>	<b>Well</b>	<b>Well Type</b>	
		Black	4	New Well	
		AFE	<b>Purchase Order</b>	<b>Terms</b>	
				Net 30	
<b>CustomerRep</b>	<b>Treater</b>				
T. Eikenberry	K. Harper				

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D100	PREMIUM/Common	SK	75	\$15.00	\$1,125.00 (T)
C310	CALCIUM CHLORIDE	LBS	141	\$1.00	\$141.00 (T)
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	60	\$4.00	\$240.00
E107	CEMENT SERVICE CHARGE	SK	200	\$1.50	\$300.00
F104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	282	\$1.60	\$451.20
E101	CAR, PICKUP OR VAN MILEAGE - 1 WAY	MI	30	\$2.50	\$75.00
R307	CEMENT PUMPER, 3001-3500' 1ST 4 HRS ON LOC	EA	1	\$1,565.00	\$1,565.00
S100	FUEL SURCHARGE		1	\$48.72	\$48.72

**Sub Total:** \$3,945.92  
**Discount:** \$0.00  
**Discount Sub Total:** \$3,945.92  
**Seward County & State Tax Rate: 6.55% Taxes:** \$82.92  
**(T) Taxable Item Total:** \$4,028.84

Paid Check #18655  
4-5-06

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CLAASSEN OIL AND GAS, INC.  
P.O. BOX 417  
ESTES PARK, CO 80517

April 24, 2006

Kansas Corporation Commission  
130 S. Market, Room 2078  
Wichita, KS 67202

RE: Recompletion Attempt of Black #4-1, Seward Co., Kansas.

To Whom It May Concern:

Attached, please find an ACO-1 Form, describing the recompletion attempt on the Black #4-1 well located in the SW-SW of Section 1-34S-31W, Seward Co., Kansas. The purpose of the recompletion was to perforate a pair of thin zones in the Council Grove for gas production. A CIBP was set at 4300' to protect the existing Toronto perfs., with the idea that should the attempt fail, we would drill out the CIBP and reestablish oil production from the Toronto. Squeeze holes were perforated at 3320-22' and approximately 200 sks. of cement were used to cement the pipe across from the Council Grove zones. A cement bond log was run indicating that the squeeze job was only partially successful. It was decided to go ahead and attempt the completion with the option of squeezing a second time through the production perfs.

Only one of the two zones were perforated at 3145-48'. A small acid job was used to stimulate the zone with the result being a show of gas with 300 bbls. of water per day. Rods were run and the well pumped in hopes of increasing the gas intake and decreasing water production. In Feb. a second attempt was made to resqueeze the perfs. at 3145-48' with 100 sks. of cement. The zone was reperforated at 3145-48' and acidized as before. The results from this second attempt were similar to the original attempt.

The decision was made to abandon the Council Grove and the perforations at 3145-48' plugged off with 75 sks. of cement. All cementing invoices are attached. The cement plug was drilled out as well as the CIBP and the well successfully returned to oil production from the Toronto.

Should you have any questions or need further information regarding this operation, please do not hesitate to call me at 970-586-1885.

Sincerely,

*Dan Claassen*

Dan Claassen

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