

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

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 # 6768

Name: Carrie Exploration and Development

Address 1: 210 West 22nd

Address 2: _____

City: Hays State: Ks Zip: 67601 + _____

Contact Person: Ron Herold

Phone: (785) 625 9318

CONTRACTOR: License # 33350

Name: Southwind Drilling Inc.

Wellsite Geologist: Herb Deines

Purchaser: NCRA

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SLOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

1-3-11 1-8-11 1-8-11
 Spud Date or Date Reached TD Completion Date or
 Recompletion Date Recompletion Date

per geo report

API No. 15 - 009-25500-00-00

Spot Description: 284' South & 5' West

SE NE NE Sec. 35 Twp. 19 S. R. 11 East West

4,006 Feet from North / South Line of Section

335 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Barton

Lease Name: Burmiester Well #: C-1

Field Name: Chase Silica

Producing Formation: Arbuckle

Elevation: Ground: 1768 Kelly Bushing: 1778

Total Depth: 3400 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 273 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: 1569 Feet

If Alternate II completion, cement circulated from: 1569

feet depth to: surface w/ 480 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 21500 ppm Fluid volume: 1475 bbls

Dewatering method used: haul off

Location of fluid disposal if hauled offsite:

Operator Name: Bob's Oil Service

Lease Name: Sieker License #: 32408

Quarter NW Sec. 35 Twp. 19 S. R. 11 East West

County: Barton Permit #: 26497

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.

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.

Signature: Ron Herold

Title: Owner Date: 5-4-2011

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: Dlg Date: 5/9/11

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Operator Name: Carrie Exploration and Development Lease Name: Burmiester Well #: C-1
 Sec. 35 Twp. 19 S. R. 11 East West County: Barton

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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Micro, Dual Induction, Dual Porosity	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>510</td> <td>+1268</td> </tr> <tr> <td>Heebner</td> <td>2879</td> <td>-1101</td> </tr> <tr> <td>Brown Lime</td> <td>3002</td> <td>-1224</td> </tr> <tr> <td>LKC</td> <td>3024</td> <td>-1246</td> </tr> <tr> <td>BKC</td> <td>3282</td> <td>-1504</td> </tr> <tr> <td>Arbuckle</td> <td>3292</td> <td>-1514</td> </tr> </table>	Name	Top	Datum	Anhydrite	510	+1268	Heebner	2879	-1101	Brown Lime	3002	-1224	LKC	3024	-1246	BKC	3282	-1504	Arbuckle	3292	-1514
Name	Top	Datum																				
Anhydrite	510	+1268																				
Heebner	2879	-1101																				
Brown Lime	3002	-1224																				
LKC	3024	-1246																				
BKC	3282	-1504																				
Arbuckle	3292	-1514																				

CASING RECORD <input type="checkbox"/> New <input checked="" 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
Surface	12 1/4	8 5/8	23	267	common	200	2%Gel,3%CaCl
Production	7 7/8	5 1/2	15.5	3406	PRO C	175	10% Salt, 2.5% Calseal

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
4	3294 to 3296	125 gal 20% NE	
4	3297.5 to 3298.5	250 gal 20% NE	

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TUBING RECORD:	Size: <u>2 7/8</u>	Set At: <u>3321</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>Feb 1st</u>		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. <u>20</u>	Gas Mcf	Water Bbls. <u>2</u>	Gas-Oil Ratio <u>43</u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <i>(Submit ACO-5)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>3294 to 3298.5</u>
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QUALITY OILWELL CEMENTING, INC.
 PO Box 32 - 740 West Wichita Ave, Russell KS 67665
 Phone: 785-324-1041 fax: 785-483-1087
 Email: cementing@ruraltel.net

Date: 1/26/2011
 Invoice # 5092
 P.O.#:
 Due Date: 2/25/2011
 Division: Russell

Invoice

Contact:
 CARRIE EXPLORATION
Address/Job Location:
 CARRIE EXPLORATION
 210 w 22nd st
 HAYS KANSAS 67601

Reference:
 BÜRMEISTER C-1

Description of Work:
 PORT COLLAR

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 703.35	No				
Common-Class A	288	\$ 3,608.56	Yes				
Bulk Truck Matl-Material Service Charge	550	\$ 1,129.73	No				
POZ Mix-Standard	192	\$ 907.07	Yes				
Flo Seal	275	\$ 564.86	Yes				
Premium Gel (Bentonite)	17	\$ 284.24	Yes				
Pump Truck Mileage-Job to Nearest Camp	17	\$ 174.25	No				
Bulk Truck Mileage-Job to Nearest Bulk Plant	17	\$ 101.96	No				

Invoice Terms:

Net 30

SubTotal: \$ 7,474.02
 Discount Available ONLY if Invoice is Paid & Received
 within listed terms of invoice: \$ (1,121.10)

SubTotal for Taxable Items: \$ 4,560.03
 SubTotal for Non-Taxable Items: \$ 1,195.05

7.30% Barton County Sales Tax

Total: \$ 6,352.92
 Tax: \$ 332.88
Amount Due: \$ 6,685.80
 Applied Payments:
Balance Due: \$ 6,685.80

Thank You For Your Business!

Past Due Invoices are subject to a service charge (annual rate of 24%)
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*pd 1-30-11
 # 2490*

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QUALITY OILWELL CEMENTING, INC.

25
A1

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

No. 5092

Job No. 8-11	Sec. 35	Twp. 19	Range 11	County Barton	State Ks	On Location	Finish 1:00 pm
Well No. C-1			Location Ellinwood, Ks - E to 150 Rd, 3/40				
Contractor Kelso well Service				Owner W/S			
Type Job Port Collar				To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Hole Size	T.D.			Charge To Carrie Exploration			
Csg. 5 1/2"	Depth 3300'			Street			
Tbg. Size 2 7/8"	Depth 1560'			City			
Tool Port Collar	Depth 1560'			State			
Cement Left in Csg.	Shoe Joint			The above was done to satisfaction and supervision of owner agent or contractor.			
Meas Line	Displace 8 1/2 BLS			Cement Amount Ordered 550 sx 60/40 4% bnd 1/2# F.S.			

EQUIPMENT

Pumptrk 1	No.	Cementor Deade	Helper	used 480
Bulktrk 7	No.	Driver C. Swo	Driver	Common 288
Bulktrk pickup	No.	Driver Rick	Driver	Poz. Mix 192
				Gel. 17

JOB SERVICES & REMARKS

Remarks:	Calcium
Rat Hole	Hulls
Mouse Hole	Salt
Centralizers	Flowseal 275
Baskets	Kol-Seal
D/V or Port Collar	Mud CLR 48
Pressure tool to 500# PSI	CFL-117 or CD110 CAF 38
open tool break circulation + mix	Sand
Cement displaced with 8 1/2 BLS	Handling 550
Close tool, pressure to 500#, run	Mileage
5 sts of tubing + wash clean,	
wash up, + rigged down.	

FLOAT EQUIPMENT

Cement did Circulate.	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down

used **480 sx 60/40 4% bnd** 1- **5 1/2"** opening tool
1/2# F.S.

Pumptrk Charge **port collar**
 Mileage **17**

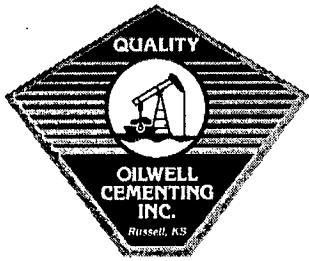
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Tax **KCC WICHITA**

Discount

Total Charge

X Signature **Wrt 2**



QUALITY OILWELL CEMENTING, INC.
 PO Box 32 - 740 West Wichita Ave, Russell KS 67665
 Phone: 785-324-1041 fax: 785-483-1087
 Email: cementing@ruraltel.net

Date: 1/11/2011
 Invoice # 5084

P.O.#:
 Due Date: 2/10/2011
 Division: *Russell*

Invoice

Contact:
 CARRIE EXPLORATION
Address/Job Location:
 CARRIE EXPLORATION
 210 w 22nd st
 HAYS KANSAS 67601

Reference:
 BURMEISTER C-1

Description of Work:
 PROD LONG STRING

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 693.97	No	Salt (Fine)	15	\$212.19	Yes
Pro-C Cement	175	\$ 3,014.67	Yes	Pump Truck Mileage-Job to Nearest Camp	17	\$171.92	No
Cement Port Collar, 5 1/2"	1	\$ 2,533.33	Yes	Bulk Truck Mileage-Job to Nearest Bulk Plant	17	\$100.60	No
5 1/2" Basket	2	\$ 466.13	Yes				
Mud Clear	500	\$ 374.93	Yes				
Bulk Truck Matl-Material Service Charge	190	\$ 385.07	No				
Defoamer A or CAF-38	50	\$ 354.67	Yes				
Auto Fill Float Shoe, 5 1/2"	1	\$ 310.08	Yes				
CD-110	75	\$ 304.00	Yes				
5 1/2" Turbolizer	5	\$ 293.87	Yes				
Latch Down Plug & Baffle, 5 1/2"	1	\$ 226.99	Yes				

Invoice Terms:

Net 30

SubTotal: \$ 9,442.42

Discount Available ONLY if Invoice is Paid & Received
 within listed terms of invoice: \$ (1,416.36)

SubTotal for Taxable Items:	\$ 6,877.23
SubTotal for Non-Taxable Items:	\$ 558.95
Total:	\$ 8,026.06
Tax:	\$ 502.04

7.30% Barton County Sales Tax

Thank You For Your Business!

Amount Due: \$ 8,528.10

Applied Payments:

Balance Due: \$ 8,528.10

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QUALITY OILWELL CEMENTING, INC.

785-483-2025
Call 785-324-1041

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

No. 5084

Date	1-8-11	Sec.	35	Twp.	19	Range	11	County	Barton	State	Ks	On Location		Finish	11:30 AM
Lease	Burmeister	Well No.	C-1			Location						Ellinwood, Ks - E to 150 Rd, 3/4 N			
Contractor	Southwind #1			Owner						w/s					
Type Job	production			To Quality Oilwell Cementing, Inc.						You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.					
Hole Size	7 7/8"			T.D.	3425'			Charge To						Carrie exploration	
Csg.	5 1/2" IS, SO used			Depth	3397'			Street							
Tbg. Size				Depth				City						State	
Tool	Post Collar			Depth	1567.11' KB			The above was done to satisfaction and supervision of owner agent or contractor.							
Cement Left in Csg.	15.23			Shoe Joint	15.23			Cement Amount Ordered						175 sx Quality Pro-C 10% Salt	
Meas Line				Displace	82 BLS			1/2 of 1% CFL-110 500 gal Mud Ckrs 48						CAF	

EQUIPMENT

Pumptrk	5	No.	Cement Helper	Brian
Bulktrk	10	No.	Driver	Brian F.
Bulktrk	p.u.	No.	Driver	Rick

Common 175 Q pro-C
Poz. Mix
Gel.

JOB SERVICES & REMARKS

Remarks:
Rat Hole 30 5x
Mouse Hole 15 5x
Centralizers tubbo's 4, 5, Cent's 3, 9, 53
Baskets 3, 52
D/V or Port Collar Collar 52
pipe on bottom, break Circulation pump 500 gal Mud Clear 48 plug Rat + Mouse holes, Mix Cement, knock off + wash pump + lines, Released plug + displaced with 82 BLS of fresh water. Landed Plug to 1200' BLS. Released + Held

Calcium
CAF-38 50#
Salt 15
Flowseal
Kol-Seal
Mud CLR 48 500 gal
CFL-117 or CD110 CAF 38 75#
Sand
Handling 190
Mileage

FLOAT EQUIPMENT

Guide Shoe
Centralizer 3 Reg, 2 tubbo's
Baskets 2
AFU Inserts
Float Shoe
Latch Down

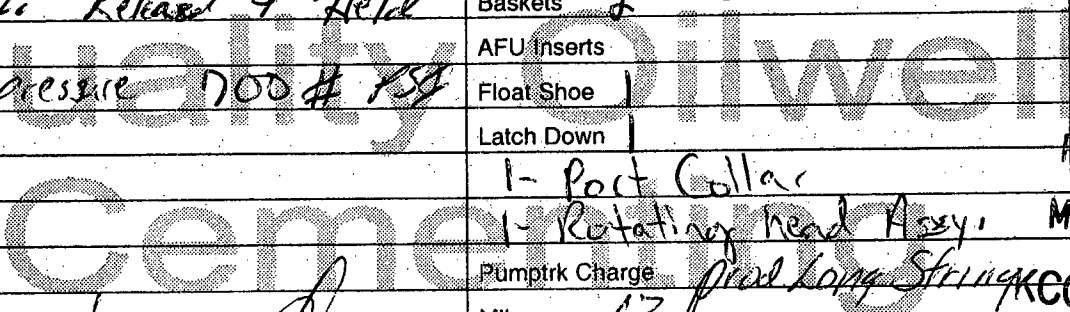
lift pressure 700 # 15#

1- Post Collar
1- Rotating Head Assy.
Pumptrk Charge
Mileage 17

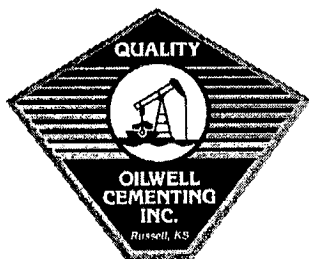
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X Signature *Ron Hurs*

Tax
Discount
Total Charge



KCC WICHITA



QUALITY OILWELL CEMENTING, INC.
 PO Box 32 - 740 West Wichita Ave, Russell KS 67665
 Phone: 785-324-1041 fax: 785-483-1087
 Email: cementing@ruraltel.net

Date: 1/4/2011
 Invoice # 4405

P.O.#:
 Due Date: 2/3/2011
 Division: Russell

Invoice

Contact:
 CARRIE EXPLORATION
Address/Job Location:
 CARRIE EXPLORATION
 210 w 22nd st
 HAYS KANSAS 67601

Reference:
 BURMEISTER C-1

Description of Work:
 SURFACE JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 722.89	No				
Common-Class A	235	\$ 3,026.28	Yes				
Bulk Truck Matl-Material Service Charge	243	\$ 513.00	No				
Calcium Chloride	8	\$ 318.02	Yes				
Pump Truck Mileage-Job to Nearest Camp	17	\$ 179.09	No				
Flo Seal	58	\$ 122.44	Yes				
Bulk Truck Mileage-Job to Nearest Bulk Plant	17	\$ 104.80	No				
Premium Gel (Bentonite)	5	\$ 85.92	Yes				

*PO# 1-7-11
 #2472*

Invoice Terms:

Net 30

SubTotal:	\$	5,072.43
Discount Available <u>ONLY</u> if Invoice is Paid & Received within listed terms of invoice:	\$	(760.86)
<hr/>		
SubTotal for Taxable Items:	\$	3,019.76
SubTotal for Non-Taxable Items:	\$	677.35
<hr/>		
Total:	\$	4,311.57
Tax:	\$	220.44
Amount Due:	\$	4,532.01
Applied Payments:		
Balance Due:	\$	4,532.01

7.30% Barton County Sales Tax

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QUALITY OILWELL CEMENTING, INC.

3-2025
4-1041

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

No. 4405

1-3-11	Sec. 35	Twp. 19	Range 11	County Barton	State KS	On Location	Finish 5:45 PM
Case Burmeister	Well No. C-2	Location Ellinwood E to 150 th 3/4 N W into					

Contractor Southwind #2	Owner To Quality Oilwell Cementing, Inc.
Type Job Surface	You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Hole Size 12 1/4	T.D. 276'
Csg. 8 5/8 (231b)	Depth 273'
Tbg. Size	Charge To Carrie Exploration
Tool	Street
Cement Left in Csg. 10-15'	City State
Meas Line	The above was done to satisfaction and supervision of owner agent or contractor.
Displace 16 1/2 bbl's	Cement Amount Ordered 235 Lbm 350 cc 250 gal

EQUIPMENT

Pumptrk 1 No. Cementer/Helper Brandon	Common 235
Bulktrk 7 No. Driver Nente	Poz. Mix
Bulktrk P4 No. Driver Corfj	Gel. 5
	Calcium 8

JOB SERVICES & REMARKS

Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal 58 #
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
Cement d'd Circs	Sand
	Handling 243
	Mileage

FLOAT EQUIPMENT

thank you's	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down
	1-8 5/8 Swage
	Pumptrk Charge Surface
	Mileage 17

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Signature <u>Frank Rome</u>	Tax
	Discount
	Total Charge