

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 5011

Name: Viking Resources, Inc.

Address: 105 S. Broadway, Ste 1040

City/State/Zip: Wichita, KS 67202-4224

Purchaser: Equiva

Operator Contact Person: Shawn Devlin

Phone: (316) 262-2502

Contractor: Name: Murfin Drilling Co

License: 30606

Wellsite Geologist: Bill Petersen

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBSD

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

10/15/1999 10/19/1999 12/03/1999
Spud Date Date reached TD Completion Date

API NO. 15- 147-20594 **ORIGINAL**

County Phillips

SW NW SE _____ Sec 22 Twp 35 Rge 19 XW

1650 Feet from /N (circle one) Line of Section

2310 Feet from /W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE NW or NE (circle one)

Lease Name Boethin Well # 2

Field Name Stuttgart

Producing Formation LKC

Elevation: Ground 2102 KB 2107

Total Depth 3525 PBSD 3525

Amount of Surface Pipe Set and Cemented at 219 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1643 Feet

If Alternate II completion, cement circulated from see attached

feet depth to see attached w/ see attached sx cmt

Drilling Fluid Management Plan Att. 2, 4-24-00
(Data must be collected from the Reserve Pit) OK'd per Dist. 4/10

Chloride Content 2600 ppm Fluid volume 500 bbls

Dewatering method used Evaporate

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

_____ Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market, 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 on 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 Shawn PDL

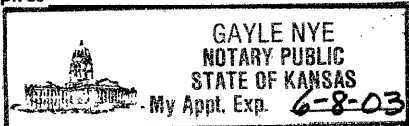
Title Vice President Date 04/12/2000

Subscribed and sworn to before me this 12 day of April

19 2000

Notary Public Gayle Nye

Date Commission Expires _____ Gayle Nye



K.C.C. OFFICE USE ONLY
F NO Letter of Confidentiality Attached
C ✓ Wireline Log Received
C ✓ Geologist Report Received
Distribution
_____ KCC _____ SWD/Rep _____ NGPA
_____ KGS _____ Plug _____ Other
(Specify)

SIDE TWO

Operator Name Viking Resources, Inc. Lease Name Boethin Well # 2

Sec 22 Twp 3S Rge 19 East
 West
 County Phillips

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheets if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Name	Top	Datum
Cores taken	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Anhydrite	1660	447
Electric Log Run (Submit Copy)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Base Anhydrite	1677	430
List All E. Logs Run: Radiation Guard Gamma Ray Cement Bond			Topeka	3042	-935
			Heebner	3239	-1132
			Toronto	3264	-1157
			LKC	3281	-1174
			BKC	3503	-1396

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	20#	219	60/40 poz	150	2% gel, 3% cc
Production	7 7/8	4 1/2	10.5#	3526	ASC	185	10% salt, 5% gilsonite, 2% gel
<i>Port Collar</i>				<i>1643</i>	<i>60/40 Poz</i>	<i>225</i>	<i>1/4 # Flo-seal</i>

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				See attach
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used Depth)	
4	3436-44		1500 gal 28% NE	
4	3372-76		1500 gal 28% NE	
4	3316-20		1000 gal 28% NE	
			see attach	

TUBING RECORD		Size 2 3/8	Set At 3300	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj 12/14/1999		Producing Method		<input type="checkbox"/> Flowing	<input checked="" type="checkbox"/> Pumping	<input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
Estimated Production Oil Per 24 Hours	5	Bbls	Gas	Mcf	Water	35
					Bbls	Gas-Oil Ratio
						Gravity
						35

Disposition of Gas <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, submit ACO-18.)	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	Production Interval <u>3436-44</u> <u>3372-76</u>
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Viking Resources, Inc.

ORIGINAL

105 S. Broadway, Suite 1040
Wichita, Kansas 67202-4224
e-mail - Shawn - shawnd@feist.com
e-mail - Paula - pdunagan@mindspring.com
e-mail - Jim - jimdevlin@webtv.net

James B. Devlin
President

(316) 262-2502
Fax (316) 262-2548

April 21, 2000

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

Re: Boethin #2 Alt 2 Cementing SW-NW-SE 22-3-19W

Virgil:

Here is the chronology of events surrounding the Alt2 cementing of the Boethin #2:

Surface pipe cemented 10/15/99 w/ 150 sx

Production pipe cemented 10/19/99 w/ 200 sx, PC @ 1643

The PC job went like this:

11/15/99 Opened PC, pumped 225 sx (out of 400), pressured to 1000#, got no circ.

11/16/99 Ran temp survey, found cement @ 1100'. Perforated @ 650', pumped 175 sx, no circ.

11/17/99 Let sit.

11/18/99 Shut down.

11/19/99 Drilled cement out of casing. Ran bond log, found cement @ 610'. Perforated @ 550'. Attempted to pump into perfs, would not circulate.

11/22/99 Perforated @ 375', tied to casing and pumped. Got circulation, ran tubing, spotted cement over bottom holes and circulate approx 50 sx. Pulled tubing, tied onto casing and pumped 150 sx cement.

11/23-24/99 Drilled cement (top was ~ 270').

11/29/99 Ran packer to below 650', pressured up and held, pulled up to 550', pressured perfs, and held. Pulled to perfs at 375', pressured up, leaked off. Pulled packer out, squeeze down casing w/ 150 sx, staged to 900# pressure, shut in.

11/30/99 Drilled cement, still had fluid coming in hole (50' fluid in 30 mins).

12/1/99 Loaded casing, squeezed w/ 100 sx, pressured to 500# and shut in.

12/2/99 Drilled cement, pressured to 300#, held pressure, ran in production equipment.

Someone from KCC Hays either witnesses or was apprised of and directed all these perforations, logs and squeezes.

Shawn PDL

RECEIVED
KANSAS CORPORATION COMMISSION

APR 21 2000

CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., INC.

Federal Tax I.D.# 41-8747000

TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Russell

DATE <u>10-15-99</u>	SFC <u>23</u>	TWP. <u>35</u>	RANGE <u>19</u>	CALLED OUT <u>10:00 AM</u>	ON LOCATION <u>1:00 PM</u>	JOB START	JOB FINISH <u>2:15 PM</u>
LEASE <u>Boothin</u>		WELL # <u>2</u>	LOCATION <u>Pburg 10W 12S 3E</u>		COUNTY <u>Phillips</u>	STATE <u>Ka</u>	
OLD OR NEW (Circle one)							

CONTRACTOR MURFIN DRIS #8

TYPE OF JOB SURFACE

HOLE SIZE 12 1/2 T.D.

CASING SIZE 8 3/4 DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX. MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15

PERFS.

DISPLACEMENT

OWNER SAME

CEMENT

AMOUNT ORDERED 150 bbl 60/40 3-2

COMMON	<u>90</u>	@	<u>6.35</u>	<u>571.50</u>
POZ MIX	<u>60</u>	@	<u>3.25</u>	<u>195.00</u>
GEL	<u>3</u>	@	<u>4.92</u>	<u>14.76</u>
CHLORIDE	<u>5</u>	@	<u>28.25</u>	<u>141.25</u>
		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		

EQUIPMENT

PUMP TRUCK # 221 CEMENTER Bill

BULK TRUCK # 260 HELPER Ron

BULK TRUCK # DRIVER Jim

BULK TRUCK # DRIVER

HANDLING @ 1.25 157.50

MILEAGE 2 1/2 / 20k / mile 420.00

TOTAL 1512.50

REMARKS:

SERVICE

Run 5 ft of 8 3/4 SURFACE pipe

set c 219 (cm. w) 150 bbl 60/40 3-2

pump plug w/ bbl water

cm. did circ. ✓

Shark

DEPTH OF JOB

PUMP TRUCK CHARGE 470.00

EXTRA FOOTAGE @

MILEAGE 70 @ 2.85 199.50

PLUG 1-8 3/4 wood @ 45.00

TOTAL 714.50

CHARGE TO: Viking Res., Inc.

STREET 10 S. S. Broadway Ste. 1040

CITY Wichita STATE Ks ZIP 67202

FLOAT EQUIPMENT

RECEIVED
KANSAS CORPORATION COMMISSION

APR 12 2000

To Allied Cementing Co., Inc.

CONSERVATION DIVISION
WICHITA, KS

ORIGINAL

ALLIED CEMENTING CO., INC.

1791

Federal Tax I.D.# ~~40-0707000~~

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: *R*

DATE <i>10-19-99</i>	SEC <i>22</i>	TWP. <i>35</i>	RANGE <i>19W</i>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <i>10:00pm</i>
LEASE <i>Brethins</i>	WELL # <i>2</i>	LOCATION <i>Speed 7N 10W 1/2 W 15</i>			COUNTY <i>Phillips</i>	STATE <i>Ks</i>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR *Martin Duly*

TYPE OF JOB *prod ~~str~~ string*

HOLE SIZE *7 7/8* TD. *3525*

CASING SIZE *4 1/2* DEPTH *3521*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL *# 44* DEPTH *1643*

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT *15'*

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT *10.50 # 55.72 BBL*

OWNER

CEMENT

AMOUNT ORDERED *200 ASC 10% salt*

5% gibbsite 2% gel

500 Gal WFR-2

COMMON	<i>200 ASC</i>	@	<i>8.25</i>
POZMIX		@	
GEL	<i>4</i>	@	<i>9.50</i>
CHLORIDE		@	
<i>Salt</i>	<i>18</i>	@	<i>7.00</i>
<i>Gilsonite</i>	<i>940 #</i>	@	<i>41¢</i>
<i>WFR-2</i>	<i>500 gal</i>	@	<i>1.00</i>
		@	
		@	
HANDLING		@	<i>1.05</i>
MILEAGE	<i>4¢/SK</i>		<i>/mile</i>

EQUIPMENT

345 *Dave*

PUMP TRUCK CEMENTER *Much*

HELPER

BULK TRUCK

DRIVER

BULK TRUCK

213 DRIVER *Jason*

REMARKS:

plug mouse hole w/ 10 5/8

patch hole w/ 15 5/8

Cent on 1, 2, 3, 8, 9, 11, 42, 45

Basket @ 42

Float Header

TOTAL

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE *68* @ *2.85*

PLUG *4 1/2 Rubber plug* @

@

@

CHARGE TO: *Viking Resources Inc*

STREET

RECEIVED
KANSAS CORPORATION COMMISSION FLOAT EQUIPMENT

APR 12 2000

CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., INC.

2105

Federal Tax I.D. # 46-6727600

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell

DATE <u>11/15/99</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>10:00 AM</u>	JOB START	JOB FINISH
LEASE <u>Boethin</u>	WELL # <u>2</u>	LOCATION <u>Speed 7 1/2 W SW 1/4</u>			COUNTY <u>Phillips</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Mar Cin OWNER SAME

TYPE OF JOB Port Collar

HOLE SIZE _____ T.D. _____

CASING SIZE 4 1/2" DEPTH _____

TUBING SIZE 2" DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL 4 1/2" Port Collar DEPTH 1647

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 5 1/4 Bbl.

EQUIPMENT

PUMP TRUCK CEMENTER Paul

345 HELPER Mark

BULK TRUCK

254 DRIVER Jason

BULK TRUCK

_____ DRIVER _____

CEMENT

AMOUNT ORDERED 400 600/40 19 1/2 Gal

1/4" Flo Seal

USED 225 SY

COMMON	<u>135</u>	@	<u>6.35</u>
POZMIX	<u>90</u>	@	<u>3.25</u>
GEL	<u>11</u>	@	<u>9.00</u>
CHLORIDE		@	
<u>Flo Seal</u>	<u>56</u>	@	<u>1.45</u>
		@	
		@	
		@	
		@	
HANDLING		@	<u>1.05</u>
MILEAGE	<u>40</u>	/ SK /	<u>mile</u>

TOTAL _____

REMARKS:

SERVICE

B.P. @ 3090 Pressured to 1000 psi.

Opened Port Collar. Mixed 225 sy

No Circulation. Displaced. Closed

Tool. Ran 10 joints washed hole

Clean.

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE 70 @ 2.95

PLUG _____ @ _____

_____ @ _____

_____ @ _____

CHARGE TO: Viking

RECEIVED
KANSAS CORPORATION COMMISSION

TOTAL _____

APR 12 2000

CONSERVATION DIVISION
WICHITA, KS

ORIGINAL

ALLIED CEMENTING CO., INC.

2107

Federal Tax I.D. # ~~48-0727000~~

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Russell

DATE <u>11/10/99</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>11:15 AM.</u>	JOB START	JOB FINISH <u>1:20 P.M.</u>
LEASE <u>Booth</u>	WELL # <u>2</u>	LOCATION <u>Speed 2w 1w SW 1/4</u>			COUNTY <u>Phillips</u>	STATE <u>Ks.</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Murfin

TYPE OF JOB Circulate Cement

HOLE SIZE _____ T.D. _____

CASING SIZE 4 1/2" DEPTH _____

TUBING SIZE 2" DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. 0 @ 450'

DISPLACEMENT _____

OWNER _____

CEMENT

AMOUNT ORDERED 175 60/40 16% Gel
1/4 # Flossal

USED 175 sc

COMMON	<u>105</u>	@	<u>6.35</u>
POZMIX	<u>70</u>	@	<u>3.25</u>
GEL	<u>9</u>	@	<u>9.00</u>
CHLORIDE		@	
<u>Flossal</u>	<u>44#</u>	@	<u>1.15</u>
		@	
		@	
		@	
		@	
		@	
HANDLING		@	<u>1.05</u>
MILEAGE	<u>40 / SK</u>		<u>1 mile</u>

EQUIPMENT

PUMP TRUCK CEMENTER Paul

345 HELPER Mark

BULK TRUCK

254 DRIVER _____

BULK TRUCK

_____ DRIVER _____

TOTAL

REMARKS:

3P @ 2090 Tested in 100psi Held.
Spot of sand @ 825: Pulled to
429" Pumped in. Mixed 175 cement
Displaced 4 Bbl shut in w/ 250psi.
Did Not Circulate

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE 70 @ 2.85

PLUG _____ @ _____

_____ @ _____

_____ @ _____

TOTAL

CHARGE TO: K. King

STREET _____

CITY _____ STATE _____ ZIP _____

RECEIVED

FLOAT EQUIPMENT

KANSAS CORPORATION COMMISSION

APR 12 2000

CONSERVATION DIVISION
WICHITA, KS

ORIGINAL

ALLIED CEMENTING CO., INC.

2060

Federal Tax I.D. # ~~14-0702000~~

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: R

DATE <u>11-22-99</u>	SEC <u>22</u>	TWP. <u>3</u>	RANGE <u>19 W</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>10:30 AM</u>
LEASE <u>Boethin</u>	WELL # <u>2</u>	LOCATION <u>Speed 8 N 14 W 14 SW</u>		COUNTY <u>Phillips</u>	STATE <u>Ks</u>		
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Martin Daly

TYPE OF JOB Cir Cement

HOLE SIZE _____ T.D. _____

CASING SIZE 4 1/2 DEPTH _____

TUBING SIZE 2" DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER _____

CEMENT AMOUNT ORDERED 200.00 @ 39.00

EQUIPMENT

153

PUMP TRUCK # _____ CEMENTER Dave

HELPER Paul

BULK TRUCK # _____ DRIVER _____

BULK TRUCK # 160 DRIVER Bill

COMMON 200 @ 6.35

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE 6 @ 28.00

HANDLING @ 1.05

MILEAGE 44 / SK / mile

REMARKS:

Ran tub to 580 cir cement
we app 50 sk came out
of hole we tubing tried on
to 42 need 150 sk + cir cement
pumped cement to app 240-260'
slut in @ 150 psi

TOTAL _____

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE @ _____

MILEAGE 70 @ 2.85

PLUG @ _____

CHARGE TO: Viking Resources

STREET _____

CITY _____ STATE _____ ZIP _____

RECEIVED
KANSAS CORPORATION COMMISSION
FLOAT EQUIPMENT

APR 12 2000

ALLIED CEMENTING CO., INC.

2158

Federal Tax I.D. # ~~40-0727860~~

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell

DATE <u>11-29-99</u>	SEC.	TWP.	RANGE	CALLED OUT <u>6:00 AM</u>	ON LOCATION <u>8:30 AM</u>	JOB START	JOB FINISH <u>1:50 PM</u>
LEASE <u>Booth</u>	WELL # <u>2</u>	LOCATION <u>Speed 6 N 3/4 W 8 in</u>			COUNTY <u>Phillips</u>	STATE <u>Kan</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR MURFIN Drilling

TYPE OF JOB Squeeze

HOLE SIZE	T.D.
CASING SIZE <u>4 1/2</u>	DEPTH
TUBING SIZE <u>2 3/8</u>	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT	

OWNER _____

CEMENT AMOUNT ORDERED _____

150 lbs Com. 3% CC
200 lbs Sand

COMMON	<u>150</u>	@	<u>6.35</u>
POZMIX		@	
GEL		@	
CHLORIDE	<u>5</u>	@	<u>28.00</u>
	<u>Sand 200</u>	@	<u>8.00</u>
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING		@	<u>1.05</u>
MILEAGE	<u>44 / SK</u>		<u>/ MILE</u>

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Bill</u>
# <u>157</u>	HELPER <u>PAUL</u>
BULK TRUCK	
# <u>218</u>	DRIVER <u>Jason</u>
BULK TRUCK	
#	DRIVER

TOTAL _____

REMARKS:

SERVICE

RPE 200' Test @ 75' Spct 200 lbs Sand
perfs @ 375' Leak @ 2 BPM 400'
Cem down 4 1/2 w/ 150 lbs Com 3% CC
Squeeze to 900'
Left approx 160' in CSG shut in

DEPTH OF JOB	
PUMP TRUCK CHARGE	
EXTRA FOOTAGE	@
MILEAGE	<u>70</u> @ <u>2.95</u>
PLUG	@
	@
	@

TOTAL _____

CHARGE TO: W. King

STREET _____

CITY _____ STATE _____ ZIP _____

RECEIVED
KANSAS CORPORATION COMMISSION

FLOAT EQUIPMENT

APR 12 2000

ORIGINAL

ALLIED CEMENTING CO., INC.

1692

Federal Tax I.D.# ~~48-0727800~~

P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Oakley

DATE <u>12-1-99</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>9:00 AM</u>	JOB START	JOB FINISH <u>12:15 PM</u>
LEASE <u>Boethin</u>	WELL# <u>2</u>	LOCATION <u>Speed 7N-2 1/2 W. S.S.</u>			COUNTY <u>Phillips</u>	STATE <u>Kan</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Martin Well Service

TYPE OF JOB Squeeze

HOLE SIZE _____ T.D. _____

CASING SIZE 4 1/2" DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. 375'

DISPLACEMENT _____

OWNER Same

CEMENT AMOUNT ORDERED 200 sks com, 3800
(used 100 sks)

COMMON 100 sks @ 6³⁵

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE 3 @ 2800

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING 200 sks @ 105

MILEAGE 44 per sk/mile

EQUIPMENT

PUMP TRUCK CEMENTER Walt

191 HELPER Dean

BULK TRUCK

218 DRIVER Andrew

BULK TRUCK

_____ DRIVER _____

TOTAL _____

REMARKS:

Loaded casing (12 BBL), Pumped into it @ 1 BPM @ 100#, mixed 100 sks @ 200# @ 1/2 + 3/4 BPM. Plugged Goose neck, start mixing cement pressured to 500#, ran 3 JTS Tubing washed out cement, staged it, Squeeze to 500#, could not wash out. Pressure to 500# shut in.

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE 70 miles @ 2³⁵

PLUG _____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

CHARGE TO: Viking Resources

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

RECEIVED
KANSAS CORPORATION COMMISSION

APR 12 2000

CONSERVATION DIVISION
WICHITA, KS