

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

ORIGINAL

Operator: License # 5011

Name: Viking Resources, Inc.

Address: 105 S. Broadway, Ste 1040

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

Purchaser: Texaco

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 PBDT

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj) Docket No. _____

6/14/97 6/20/97 6/30/97
Spud Date Date reached TD Completion Date

API NO. 15- 147-20,5790000

County Phillips

NW NE SW _____ Sec 11 Twp 3 Rge 19 EW

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

3630 Feet from /W (circle one) Line of Section

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

Lease Name Imm Well # 1

Field Name Stuttgard Ext

Producing Formation LKC

Elevation: Ground 2044 KB 2049

Total Depth 3440 PBDT 3440

Amount of Surface Pipe Set and Cemented at 203 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1556 Feet

If Alternate II completion, cement circulated from 1556

feet depth to surf w/ 250 sx cmt

Drilling Fluid Management Plan AH. 2, 5-18-98 UC
(Data must be collected from the Reserve Pit)

Chloride Content 2600 ppm Fluid volume 500 bbls

Dewatering method used Evaporate

Location of fluid disposal if hauled offsite:

RECEIVED
KANSAS CORPORATION COMMISSION

Operator Name _____

MAR 02 1998 3-2-98

Lease Name _____ License No. _____

CONSERVATION DIVISION
WICHITA, KS
Quarter _____ Sec. _____ Twp. _____ S Rng. _____ /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 P.D.L.

Title Vice President Date 3/1/98

Subscribed and sworn to before me this 2nd day of MARCH

19 98

Notary Public Paula R. Dunagan

Date Commission Expires March 2, 2001

PAULA R. DUNAGAN
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. _____

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

Operator Name Viking Resources, Inc.

Lease Name Imm

Well # 1

Sec 11 Twp 3 Rge 19

East

County Phillips

West

ORIGINAL

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.) Yes No

Samples Sent to Geological Survey Yes No

Cores taken Yes No

Electric Log Run (Submit Copy) Yes No

List All E. Logs Run: Radiation Guard

<input type="checkbox"/> Log	Formation (Top), Depth and Datums	<input checked="" type="checkbox"/> Sample
Name	Top	Datum
Base Ft Hays	319	1730
Anhydrite	1565	484
Base Anhy	1595	455
Heebner	3156	-1105
Toronto	3180	-1131
LKC	3197	-1148
BKC	3417	-1368

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#	203	60/40 Poz	140	2% gel, 3% cc
Production	7-7/8	4-1/2	9.5#	3436	ASC	200	10% salt 500 gal WFR2

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 (Amount and Kind of Material Used Depth)
4	3347-51	2500 28% NE

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8	3400	none	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj	Producing Method
7/8/97	<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	Gas	Mcf	Water	Bbls	Gas-Oil Ratio	Gravity
15	0		1			35

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 3347-51

ALLIED CEMENTING CO., INC. 5717

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

ORIGINAL

SERVICE POINT: Russell

DATE <u>6-7-97</u>	SEC <u>11</u>	TWP <u>35</u>	RANGE <u>19W</u>	CALLED OUT <u>4:00pm</u>	ON LOCATION <u>6:00pm</u>	JOB START	JOB FINISH <u>11:15pm</u>
LEASE <u>Imm</u>		WELL# <u>1</u>		LOCATION <u>Speed SWW</u>		COUNTY <u>Phillips</u>	STATE <u>Ka</u>

OLD OR (NEW) (Circle one)

CONTRACTOR Murphy Dals #3

TYPE OF JOB 4 1/2 Prod. CSG

HOLE SIZE 7 1/2 T.D. 3440

CASING SIZE 4 1/2 9.5" DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

OWNER _____

CEMENT

AMOUNT ORDERED

175 lb ASC 10% Salt

500 gal WFR

COMMON ASC	175 @	785
POZMIX	@	
GEL	@	
CHLORIDE	@	
<u>Salt</u>	<u>17</u> @	<u>700</u>
<u>WFR</u>	<u>500 gal</u> @	<u>100</u>
	@	
	@	
	@	
HANDLING	@	<u>105</u>
MILEAGE <u>72 mi</u>		<u>04</u>

RECEIVED

KANSAS CORPORATION COMMISSION

TOTAL .

EQUIPMENT

PUMP TRUCK CEMENTER Bill

221 HELPER Bill m

BULK TRUCK

DRIVER

BULK TRUCK

282 DRIVER mat

REMARKS:

pipe net e 3436

Shoe ft 15

Insert e 3420

Pump 500 gal. Flush cement w/ 1600

ASC pump plug w/ 5 1/2" bby water

Land plug e 1800" float did hold

15 lb Kathale

MAR 02 1998

SERVICE

CONSERVATION DIVISION

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE @ _____

MILEAGE 72 @ 285

PLUG 4 1/2 Rubber @ _____

@ _____

@ _____

TOTAL .

CHARGE TO: Viking Resources, Inc

STREET 10.5 E Broadway Ste. 1040

CITY Wichita STATE Ks ZIP 67202

FLOAT EQUIPMENT

Baker

1- Insert	@	
1- Guide shoe	@	
10- Centralizers	@	<u>5300</u>
1- Port collar	@	
1- Baskets	@	
2- 5" Rotating screen		<u>5300</u>

TOTAL

TAX _____

ALLIED CEMENTING CO., INC. 8147

Federal Tax I.D.# ~~000000000~~

ORIGINAL

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

SERVICE POINT: 2

DATE <u>6-27-97</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Jason</u>	WELL # <u>1</u>	LOCATION <u>Speed Rd & Highway 96</u>			COUNTY <u>Phillips</u>	STATE <u>K</u>	
OLD OR NEW (Circle one)				<u>3/4 N 3/4 W 3/4 N</u>			

CONTRACTOR Western OWNER _____
 TYPE OF JOB Port Collar
 HOLE SIZE _____ T.D. _____
 CASING SIZE 5 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 _____

CEMENT
 AMOUNT ORDERED 400 60/40 69 gal
~~500 60/40 10 gal inside~~
1 sand used 250

COMMON _____ @ 150 @ 6.10
 POZMIX _____ @ 100 @ 3.15
 GEL _____ @ 23 @ 9.50
 CHLORIDE _____ @ _____
Sand _____ @ 1 @ 5.60
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING _____ @ 10.5
 MILEAGE 48 m @ 04

EQUIPMENT

PUMP TRUCK # 153 CEMENTER Mark
 HELPER Calvin
 BULK TRUCK # 254 DRIVER Jason
 BULK TRUCK # _____ DRIVER _____

KANSAS CORPORATION COMMISSION

MAR 02 1998

TOTAL _____

REMARKS:

• Jected B.D. @ 1500' - Spotted
1 sand opened Port Collar mixed
10 gal - broke circ. Mixed 250 sp
circ cement shut tool cleaned
hole - washed sand & displaced
hole w/oil
J. [Signature]

CONSERVATION DIVISION
WICHITA, KS

SERVICE

DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____
 EXTRA FOOTAGE _____ @ _____
 MILEAGE 48 @ 28.5
 PLUG _____ @ _____
 _____ @ _____
 _____ @ _____

TOTAL _____

CHARGE TO: Wiking Resources
 STREET 105 S. Broadway, # 1040
 CITY Wichita STATE Kan ZIP 67202-4224

FLOAT EQUIPMENT

_____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____

Witnessed by:
Mark [Signature] Cementer
Calvin [Signature] Packer Man
Jason [Signature] Prod Man

