

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

Operator: License # 5011

ORIGINAL

Name: Viking Resources, Inc.

Address: 105 S. Broadway, Ste 1040

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

Purchaser: NCRA

Operator Contact Person: Shawn Devlin

Phone: (316) 262-2502

Contractor: Name: Abercrombie RTD, Inc.

License: 30684

Wellsite Geologist: Scott Oatsdean

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. _____

3/30/94 4/9/94 4/22/94
Spud Date Date reached TD Completion Date

API NO. 15- 101-21,673 ~~00-60~~ **CONFIDENTIAL**

County Lane

NE-NE-SE Sec 7 Twp 16 Rge 27 E
XW

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

330 Feet from E /W (circle one) Line of Section

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

Lease Name J.R. Ewing Well # 2

Field Name unnamed

Producing Formation Ft Scott/KC

Elevation: Ground 2639 KB 2644

Total Depth 4559 PBDT 4559

Amount of Surface Pipe Set and Cemented at 229 Feet

Multiple Stage Cementing Collar Used? X Yes No

If yes, show depth se ~~2054~~ 2045' Feet

If Alternate II completion, cement circulated fro ~~2054~~ 2045' ^{KCC} JR

feet depth to surface w/ 400 sx cmt

Drilling Fluid Management Plan ALT 2 JR 8-29-94
(Data must be collected from the Reserve Pit)

Chloride Contn 5600 ppm Fluid volum 560 bbls

Dewatering method used Evaporate

Location of fluid disposal if hauled offsite:

RECEIVED
STATE CORPORATION COMMISSION

Operator Name _____ **RELEASED**

MAY 05 1994

05-05-1994

CONSERVATION DIVISION
Wichita, Kansas

MAY 24 1995

License No. _____

Quarter _____ Sec. FROM CONFIDENTIAL E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 [Signature]

Title Vice President Date 4/27/94

Subscribed and sworn to before me this 27 day of April

19 94
Notary Public Kimberly D. Coos

Date Commission Expires 11-27-97

KIMBERLY D. COSS
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 11-27-97

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NPGA
 KGS Plug Other
(Specify) _____
Form ACO-1 (7-91)

PI

SIDE TWO

Operator Name Viking Resources, Inc. Lease Name J.R. Ewing Well # 2
 Sec 7 Twp 16 Rge 27 East County Lane 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:
 Dual Induction
 Compensated Neutron Density
 Sonic Bond

Name	Top	Datum
Anhydrite	2067	+577
Heebner	3865	-1221
Lansing	3902	-1258
KC	3986	-1342
Stark Shale	4154	-1510
Ft Scott	4406	-1762

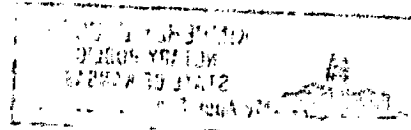
CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs/Ft	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4	8 5/8	20	229	60/40 Pozmix	180	3% cc 2% gel
Production	7 7/8	5 1/2	14	4549 4559	ASC	200	500 gal ASF

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate				
Protect Casing				
Plug Back TD				
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	4166-68	750 gal 15% NE
4	4197-99	250 gal 15% NE
4	4408-10	1500 gal 15% NE

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8	4135		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj		Producing Method			
4/25/94		<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	Bbls	Gas	Mcf	Water	Gravity
40		0		0	38

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 _____



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

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Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

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Plug Back PBSD

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

3/30/94 4/9/94 4/22/94
Spud Date Date reached TD Completion Date

API NO. 15- 101-21,673

County Lane

NE-NE-SE

Sec 7 Twp 16 Rge 27 XW

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

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Total Depth 4559 PBSD 4559

Amount of Surface Pipe Set and Cemented at 229 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth se 2044 2045' Feet

If Alternate II completion, cement circulated fro 2044 2045' ^{KCC}

feet depth to surface w/ 400 sx cmt

Drilling Fluid Management Plan ALT 2 JH 8-29-94
(Data must be collected from the Reserve Pit)

Chloride Contn 5600 ppm Fluid volum 560 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. _____

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Signature Shawn P. Devlin

Title Vice President Date 4/27/94

Subscribed and sworn to before me this 27 day of April

19 94
Notary Public Kimberly D. Cooss

Date Commission Expires 11-27-97

KIMBERLY D. COSS
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 11-27-97

CONFIDENTIAL

RECEIVED
MAY 05 1994
K.C.C. OFFICE USE ONLY
Letter of Confidentiality Attached
Wireline Log Received
Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

pl

DRILL STEM TEST RESULTS J.R. Ewing #2 NE-NE-SE Sec 7 T 16 R 27 W, Lane County, Kansas

API #15-101-21673

ORIGINAL

CONFIDENTIAL

DST #1 Interval 4045-4080 (140' zone)
Times 30-45-45-60
IFP 202-344 FFP 374-509 ISIP 902 FSIP 902
Recovery: 150' GIP, 340' gassy oil & mud cut water (15% G, 20% O, 45% W, 20% M)
Recovery: 310' Slightly gassy oil & mud cut water (15% G, 10% O, 50% W, 10% M)
Recovery: 620' Very slightly gas, oil & mud cut water (5% G, 5% O, 80% W, 10% M)

DST #2 Interval 4080-4120 (160' zone)
Times 30-30-30-30
IFP 50-50 FFP 70-70 ISIP 1155 FSIP 1054
Recovery: 70' mud w/ trace oil (2% O)

DST #3 Interval 4120-4150 (180' zone)
Times 30-45-45-60
IFP 40-50 FFP 60-60 ISIP 953 FSIP 851
Recovery: 5" blow on 1st open
Recovery: 60' GIP 65' slightly gas and oil cut mud(2% G, 8% O, 90% M)

DST #4 Interval 4150-4170 (200' zone)
Times 30-45-45-60
IFP 80-121 FFP 192-303 ISIP 1094 FSIP 1094
Recovery: Blow off BOB 3-1/2 min, Recovered 1445 GIP, 403' CGO (85% O, 15% G)
Recovery: 124' gassy oil cut watery mud (20% G, 20% O, 10% W, 50% M)
Recovery: 199' slightly oil & mud cut water(1% O, 2% M 97% W)

DST #5 Interval 4180-4200 (220' zone)
Times 30-45-45-60
IFP 50-50 FFP 70-80 ISIP 1104 FSIP 1114
Recovery: 295' GIP, 15' CGO (5% G, 95% O)
Recovery: 65' slightly MCGO (18% G, 62% O, 20% M)

RELEASED

DST #6 Interval 4400-4430 (Ft Scott)
Times 30-45-45-60
IFP 21-21 FFP 32-32 ISIP 1078 FSIP 1099
Recovery: 5" blow on 1st open, 8" blow on 2nd open
Recovery: 15' gassy oil cut mud (18% G, 22% O, 60% M)

MAY 2 4 1995

FROM CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION

MAY 05 1994

CONSERVATION DIVISION
Wichita, Kansas

913-483-2627, Russell, KS
 316-793-5861, Great Bend, KS

Phone 913-625-5516, Hays, KS
 Phone 913-672-3471, Oakley, KS

Phone 316-886-5926, Medicine Lodge, KS
 Phone 913-798-3843, Ness City, KS

ALLIED CEMENTING CO., INC.

6110

Home Office P. O. Box 31

Russell, Kansas 67665

CONFIDENTIAL

New

Date 3/30/94	Sec. 7	Twp. 16 S	Range 27 W	Called Out 5:30 PM	On Location 8 PM	Job Start 10:30 PM	Finish 11:00 PM
Lease JREwing	Well No. 2	Location Pendennis 2 1/4 N 1 W		County Lane	State Ks.		

Contractor Abercrombie &

Type Job Surface

Hole Size 12 1/4 T.D. 233

Csg. 8 1/8" 20# Depth 229

Tbg. Size _____ Depth _____

Drill Pipe _____ Depth _____

Tool _____ Depth _____

Cement Left in Csg. 15 Shoe Joint _____

Press Max. _____ Minimum _____

Meas Line _____ Displace 13,966

Perf. _____

ORIGINAL

Owner Sqme

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To Viking Resources Inc.

Street 105 S. Broadway Suite 1040

City Wichita State Ks. 67202

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. _____

X Christian Mads

CEMENT

Amount Ordered 180 40 2% Gel / 3% CC

Consisting of

Common	<u>108</u>
Poz. Mix	<u>72</u>
Gel.	<u>3</u>
Chloride	<u>5</u>
Quickset	<u>5</u>

MAY 24 1995

EQUIPMENT

Pumptrk	224	Cementer	<u>Gary</u>
		Helper	<u>Mike</u>
Pumptrk		Cementer	
		Helper	
Bulktrk	116	Driver	<u>Bill</u>
		Driver	

FROM CONFIDENTIAL

Handling 180

Mileage 39

DEPTH of Job

Reference:	<u>Pump Truck</u>
<u>39</u>	<u>Mileage</u>
	<u>8 1/8" TWP</u>
	Sub-Total
	Total

Floating Equipment

TOTAL \$

DIBC

RECEIVED
 STATE CORPORATION COMMISSION

MAY 05 1994

CONSERVATION DIVISION
 Wichita, Kansas

Remarks: Cement circulated.

Thank you!
 Ken L. Hens

Well, KS
Great Bend, KS

Phone 913-625-5516, Hays, KS
Phone 913-672-3471, Oakley, KS

Phone 316-886-5926, Medicine Lodge, KS
Phone 913-798-3843, Ness City, KS

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31
Russell, Kansas 67665

6505
CONFIDENTIAL

W.R.W

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
4-9-94	7	16	27	2:30AM	2:00AM	12:00PM	1:50PM
Lease TR Ewing	Well No. #2	Location Pendergast, 1/2 E, 1/2 D, W/S			County Lane	State KS	

Contractor	Owner
Abercrombie Big #8	SAME
Type Job	To Allied Cementing Co., Inc.
Production	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.
7 7/8"	4550'
Csg.	Depth
5 1/2"	4549'
Tbg. Size	Depth
Drill Pipe	Depth
Tool	Depth
Port collar @2164	
Cement Left in Csg.	Shoe Joint
12'	12'
Press Max.	Minimum
1300#	
Meas Line	Displace
	110 3/4 bbl,
Perf.	

EQUIPMENT

#	No.	Cementer	Helper
Pumptrk	181	Tim	Steve
#	No.	Cementer	Helper
Pumptrk			
#	No.	Driver	Helper
Bulktrk	116	Bob B.	
#	No.	Driver	Helper
Bulktrk			

DEPTH of Job	4549'
Reference:	
39	Pumptrk Charge
1	Pumptrk Mileage
	5 1/2" Rubber Plug
	Sub Total
	tax
	Circulated lbr Total

Remarks: Ran 4549' of 5 1/2" csg. Pumped 500gal ASF, followed by 200 SKS ASC. Cleared line free of cement. Pumped Plug with fresh water. Float did hold. Plugged Rathole w/ 25 SKS,

Charge To	Viking Resources Inc.
Street	105 S. Broadway Suite 1040
City	Wichita
State	KS 67202
The above was done to satisfaction and supervision of owner agent or contractor.	
Purchase Order No.	
X	<i>[Signature]</i>
	CEMENT

Amount Ordered	225 SKS ASC	500gal ASF
Consisting of		
Common	225 ASC	
Poz. Mix	RELEASED	
Gel.		
Chloride		
Quickset	MAY 24 1995	

FROM CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION
MAY 05 1994
CONSERVATION DIVISION
Wichita, Kansas

Floating Equipment	
Total #	
Disc	
	4

Thanks By Tim Dickson

Phone 913-483-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812
 Phone Ness City 913-798-3848

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

No. 2291
CONFIDENTIAL

New

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
04-21-94	7	16	27	9:30 AM	12:30 AM	3:45 PM	7:15 PM

Lease JR Swine	Well No. #2	Location DELAWARE 1/2 1/2 W 1/2 S
Contractor FALL'S WEL SERVICE	ORIGINAL	
Type Job PORT COLLAR		
Hole Size 7 1/2"	T.D. 4550'	
Csg. 5 1/4"	Depth 4549'	
Top Size 2 3/4"	Depth	
BRIDGE PLUG	Depth 4184'	
Tool PORT COLLAR	Depth 2145'	
Cement Left in Csg.	Shoe Joint	
Press Max. 1000#	Minimum	
Meas Line	Displace RELEASED	
Perf.	MAY 2 4 1995	

Owner UNION RESOURCES INC.
To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cement and helper to assist owner or contractor to do work as listed.
Charge To UNION RESOURCES INC.
Street 105 S. BERKAWAY Suite 1040
City WICHITA State KS Zip 67202
The above was done to satisfaction and supervision of owner agent or contractor.
Purchase Order No. <i>[Signature]</i>
CEMENT

EQUIPMENT FROM CONFIDENTIAL

No.	Contractor	Helper	Driver
181	CONCRETE	BOB STEVE	
261	CONCRETE		BOB

Amount Ordered 4000# 60/100 1/2 Gal. 1/2" FLO SEAL
Consisting of 1500# 60/100 1/2" FLO SEAL
Common 340
Poz. Mix 160
Gel. 35
Chloride
Quickset 1/2" Gal. 1
FLO SEAL - 100#

DEPTH of Job	Reference:
	39 Pump truck CNG
	39 Pump truck MUSE
	Total

Handling **4150**
 Mileage **39**
 TOTAL \$
 Disc
 Floating Equipment

RECEIVED
 STATE CORPORATION COMMISSION
 MAY 10 1994
 CONSERVATION DIVISION
 Wichita, Kansas

Remarks: **TEST BRIDGE PLUG TO 1000# SPIN 2nd SAND OPEN MAY COLLAR
 BREAK CIRCULATION WITH 13 PLS GAL SPACER PUMPING TESTER.
 MUCKY HD ON TOP - 1/2" GAL. 1/2" FLO SEAL DISPLACED
 CEMENT TO PORT COLLAR - CEMENT TO SURFACE CLOSED
 PORT COLLAR. SPIN TEST TO 1000# HEAD 10 NEW SAND OFF
 BRIDGE PLUG - PUMP 70 PLS LEASE CRUISE BACK INTO**