

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

Operator: License # 5011Name: Viking Resources, Inc.Address: 105 S. Broadway, Suite 1040City/State/Zip Wichita, KS 67202Purchaser: noneOperator Contact Person: James B. DevlinPhone (316) 262-2502Contractor: Name: Shields Drilling Co.License: 5655Wellsite Geologist: Robert C. Patton

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover☐ Oil ☐ SWD ☐ SLOW ☐ 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 ☐ PBTD☐ Commingled ☐ Docket No. _____☐ Dual Completion ☐ Docket No. _____☐ Other (SWD or Inj?) Docket No. _____

6-22-92 7-15-92
Spud Date Date Reached TD Completion Date

API NO. 15- 101-21628-00-00 **ORIGINAL**
County Lane
____ - NW - NE - SW Sec. 9 Twp. 16 Rge. 27 X E

2310 Feet from S/W (circle one) Line of Section3630 Feet from E/W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name Lang Well # 1Field Name wildcatProducing Formation noneElevation: Ground 2677 KB 2682Total Depth 4597 PBTD 4563Amount of Surface Pipe Set and Cemented at 209 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ALT 2 6-18-93
(Data must be collected from the Reserve Pit)Chloride content 21000 ppm Fluid volume 100 bblsDewatering method used none

Location of fluid disposal if hauled offsite: _____

Operator Name _____

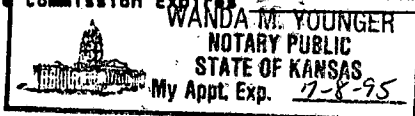
Lease Name _____ License No. _____

____ 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, 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 James B. DevlinTitle President Date 11-4-92Subscribed and sworn to before me this 4 day of November, 19 92.Notary Public Wanda M. YoungerDate Commission Expires 7-8-95

K.C.C. OFFICE USE ONLY

F ☐ Letter of Confidentiality Attached

C ☒ Wireline Log Received

C ☐ Geologist Report Received

RECEIVED

Distribution

☒ KCC STATE ☐ SWD/Rep ☐ NGPA

☐ KGS ☐ Plug ☐ Other

NOV 13 1992 (Specify)

11-05-92

Form ACO-1 (7-91)

SIDE TWO

Operator Name Viking Resources, Inc. Lease Name Lang Well # 1
☐ East County Lane
 Sec. 9 Twp. 16 Rge. 27 ☒ West

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 sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken ☒ Yes ☐ No
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey ☐ Yes ☒ No
 Cores Taken ☐ Yes ☒ No
 Electric Log Run ☒ Yes ☐ No
 (Submit Copy.)
 Radiation Guard Log
 List All E.Logs Run:

☒ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Anhydrite	2103	+ 579
Heebner	3922	-1240
LKC	3960	-1278
Miss	4550	-1868
RTD	4597	-1915

DST #1 4415-81, Recovered 275' of oil
 1300' of gas, ISIP 236# FSIP 192#

CASING RECORD

☐ New ☐ 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#	209	60/40	145	2%cc 6%gel
Production	7 7/8	4 1/2	10.5#	4593	ASC	100	400# gilsonite

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	4447-50	2,000 gallons	

TUBING RECORD	Size	Set At	Packer At	Liner Run	☐ Yes ☒ No
none					
Date of First, Resumed Production, SWD or Inj.	none	Producing Method	☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls. none	Gas Mcf	Water Bbls. none	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. ☐ Confinement

Production Interval

Phone 316-793-5861, Great Bend, Kansas

Phone Ness City 913-798-3843

2721

Russell, Kansas 67665

New

Date	7-16-92	Sec.	9	Twp.	16	Range	27W	7-15 Called out	On Location	5:30 AM	Job Start	12:30	Finish	1:00
Lease	Lang	Well No.	1	Location	Pendennis	2 N 1 E 5 W	int	Lane	County	Ks.	State			
Contractor	Co. Tools Shields													
Type Job	Long String													
Hole Size	7 7/8		T.D. 4597											
Csg.	4 1/2" 9.5 #		Depth 4593											
Tbg. Size			Depth											
Drill Pipe			Depth											
Tool	Part Collar		Depth 2185											
Cement Left in Csg.			Shoe Joint 11'											
Press Max.	1000		Minimum											
Meas Line	yes		Displace 742.661											
Perf.														
Owner	Same													
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	125 105 S. 25th St. Suite 1000													
City	Wichita State Ko 67202													
The above was done to satisfaction and supervision of owner agent or contractor.														
Purchase Order No.	X													
CEMENT 500 gal WFR-4														

No.	Cementer	Gary Bill
Pumptrk 158	Helper	
No.	Cementer	Keith
Pumptrk	Helper	
	Driver	
Bulktrk 116		
Bulktrk	Driver	

Reference:	Pump Truck	880.00
40	M. lease	80.00
	4 1/2" TRP	33.00
	Sub Total	
	Tax	
	Total	993.00

Remarks: car held

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

Street 125 105 S. Market Street 1000

City Wichita State Ko 67202

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

Purchase Order No

X

CEMENT

Amount Ordered 100 ASC 4% Gilsonite 1/4 Flashed

Consisting of

Common	100	ASC	7.25	725.00
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Poz. Mix

Gel.

Chloro

Quickset	P/O Seal	25 th	100	25.00
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Eilsonita 400 ²⁶	33	132.00
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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Handling	100	400	100.00
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Mileage	40	160.00
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Substantial

RECEIVED
STATE COOPERATION COMMISSION
Total 1392.00

Floating Equipment

NOV 5 1992

1 basket - 113.00

13.000
CONSERVATION DIVISION
REPTILES & AMPHIBIANS

TOTAL \$ 2498.00

Disc - 499,60

1998.40

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

1774

Russell, Kansas 67665

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.

# 177	No.	Cementer	M Kaufman Will H.
Pumptrk		Helper	
	No.	Cementer	
Pumptrk		Helper	
# 219		Driver	Paul D.
Bulktrk			
Bulktrk		Driver	

DEPTH of Job		
Reference:		
#	Pump Tak	380 ⁰⁰
	1-8 $\frac{3}{4}$ " Rubber plug	73 ⁰⁰
	2 ⁰⁰ Per Mile	84 ⁰⁰
	Sub Total	
	Tax	
	Total	537 ⁰⁰

Genet Circulated

Charge To	Shields Oil Producers		
Street	Shields Bldg.		
City	Russell	State	Kansas
The above was done to satisfaction and supervision of owner agent or contractor.			
Purchase Order No.			
X	Cliff Mayfield		
CEMENT			
Amount Ordered	145 SKS 60/40 p 23% cc 2% gel		
Consisting of			
Common	87 @ 525	456 75	
Poz. Mix	58 @ 225	130 50	
Gel.	2 @ N/C	N/C	
Chloride	1 @ 21 00	84 00	
Quickset			
		Sales Tax	
Handling	1 @ 1 00	165 00	
Mileage	47 / 52 / 1 mile	243 20	
Δ2			
		Sub Total	
		Total	
		1113.45	
		1079 85	

Floating Equipment

RECEIVED
NATIONAL COMMISSION

NOV 5 1992

INFORMATION DIVISION
CHIEF, GENERAL