

ORIGINAL

SIDE ONE

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, Suite 1040
Wichita, KS 67202-4224

City/State/Zip _____

Purchaser: Koch

Operator Contact Person: Jim Devlin

Phone (316) 262-2502

Contractor: Name: Mallard JV, Inc.

License: 4958

Wellsite Geologist: Rich Robba

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD Temp. Al
 Gas Inj Delayed Comp
 Dry Other (Core, Water Supply, etc.)

If OWMO: old well info as follows:
Operator: Donald C. Slawson

Well Name: #1 Methodist Church

Comp. Date 8-27-87 Old Total Depth 4665

Drilling Method:
 Mud Rotary Air Rotary Cable

10-18-90 10-20-90 11-3-90
Spud Date Date Reached TD Completion Date

API NO. 15- 101-21, 408-00-01

County Lane

C W/2 NW Sec. 19 Twp. 19s Rge. 27 East West

3960 Ft. North from Southeast Corner of Section

4620 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

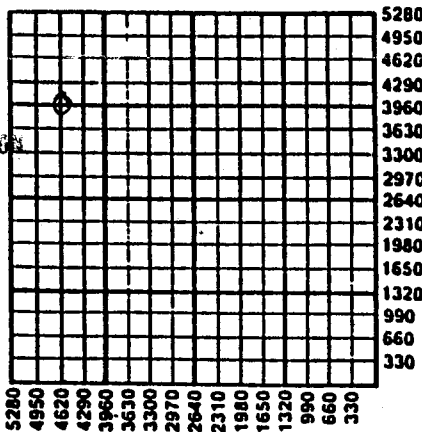
Lease Name First United Methodist Well # 1
Church

Field Name Wildcat

Producing Formation Lansing KC

Elevation: Ground 2737 KB 2743

Total Depth 4665 PBD 4360



Amount of Surface Pipe Set and Cemented at 286 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 2052 Feet

If Alternate II completion, cement circulated from 2052

feet depth to Surface w/ 350 sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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.

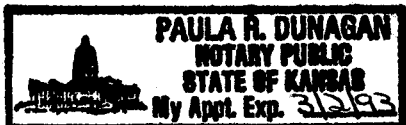
Signature James B. Devlin

Title James B. Devlin, President Date 11-28-90

Subscribed and sworn to before me this 29th day of November 19 90.

Notary Public Paula R. Dunagan

Date Commission Expires March 2, 1993



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

SIDE TWO

Operator Name Viking Resources, Inc. Lease Name First United Methodist Well # Church #1
 Sec. 19 Twp. 19s Rge. 27 East West County Lane County, Kansas

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.)

See Old Scout Card For DSTS

Name	Formation Description	
	Top	Bottom
Anhydrite	2055	(+688)
Heebner	3952	(-1209)
Lansing	3994	(-1251)
Ft. Scott	4513	(-1770)
Mississippian	4602	(-1859)
LTD	4663	(-1920)
RTD	4665	(-1922)

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	10 1/4	8 5/8	Unknown	286	Unknown	185	Unknown
Production	7 7/8	5 1/2	14#	4392	60/40 poz	200	10% salt
			port collar	2052	life	350	

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	4309-4310	500 gal 15% NE	

TUBING RECORD Size 2 7/8 Set At 4346 Packer At none Liner Run Yes No

Date of First Production 11-15-90 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	35	0	175		38

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
 METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled
 Production Interval: _____

Attach to First United Methodist Church
 ACO-1 ORIGINAL

220
 DONALD C. SLAWSON
 WICHITA, KS 67202

replacement card

19-19 -27W
 C W/2 W/2 NW

#1 UNITED METHODIST "B"

site: 5-3/4 S & 5-1/2 E OF DIGHTON, KS
 contr: SLAWSON DRILLING COMPANY
 geol: RICH BOBBA

city: LANE
 field: WC (1/4 SE OF HACKBERRY
 CREEK NE; SEP BY DRY HOLES)

API 15-101-21408

fr date 08/17/87 spd date 08/19/87 drtg comp 08/27/87 card issued 10/14/87 last revised 01/06/88

ELV: 2743 KB LOG

tops.....	depth/datum
✓ ANH.....	2055 +688
✓ B/ANH.....	2084 +659
✓ HEEB.....	3952 -1209
✓ LANS.....	3994 -1251
MUN CR.....	4166 -1423
STARK.....	4268 -1525
BKC.....	4336 -1593
✓ FT SC.....	4513 -1770
✓ CHER LWR.....	4535 -1792
✓ MISS.....	4602 -1859
✓ LTD.....	4663 -1920
✓ RTD.....	4665 -1922

IP status:
 D & A, MISS, 08/27/87
 CSG: 8-5/8" 286 / 185 SX
 NO CORES
 -DST (1) 4227-4246 (LANS 180), / 30-45-45-60, REC 340'
 SW ISIP 1151# FSIP 1141# IFP 20# -80# FFP 90#
 -160# IHP 2054# FHP 2034# BHT 118 *
 INFO RELEASED: 1/6/88 - WAS D & A - TIGHT HOLE
 NOTE: CORRECTION: 9/23/87 - ORIGINALLY FIRST
 REPORTED AS 1 UNITED METHODIST

(over)

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 INDEPENDENT OIL & GAS SERVICE, INC.
 WICHITA, KANSAS

3994
 180
 4074

RECEIVED
 STATE CORPORATION COMMISSION
 NOV 30 1988
 11-30-90
 CONSERVATION DIVISION
 Wichita, Kansas

ORIGINAL CONFIDENTIAL
K G S LIBRARY

GREAT GUNS

**LOGGING
 DIGITAL LOG**

**R A GUARD
 LOG**

COMPANY: DONALD C. SLAWSON
 WELL: UNITED METHODIST 'B' #1
 FIELD: WILDCAT
 COUNTY: LANE

FILE NO: H-057854
 STATE: KANSAS
 COUNTRY: USA

LOCATION: U/2 U/2 NW/4

SEC: 19 TWP 19S RGE 27W

RELEASED
 NO SMALL SCALE

DATE: 8/26/87
 RUN NO.: 1

ELEVATIONS
 KB: 2743 0
 DF: 2740 0
 GL: 2737 0

PERMANENT DATUM: GL
 DRILLING MEASURED FROM: KB
 LOG MEASURED FROM: KB
 ABOVE PERMANENT DATUM: 6 0

DEPTH--DRILLER: 4665 0
 DEPTH--LOGGER: 4663 0
 BOTTOM LOG INTERVAL: 4660 5
 TOP LOG INTERVAL: 1 0

SERVICES:
 GR10
 ENPG

CASING DEPTH--DRILLER: 286 0
 CASING DEPTH--LOGGER: 286 5
 CASING DIAMETER: 8 625
 BIT SIZE: 7 875

UNIT NO: 64
 LOCATION: HAYS, KS
 RECORDED BY: D. LEGLEITER
 WITNESSED BY: RICH ROBBA

K. G. S. LIBRARY

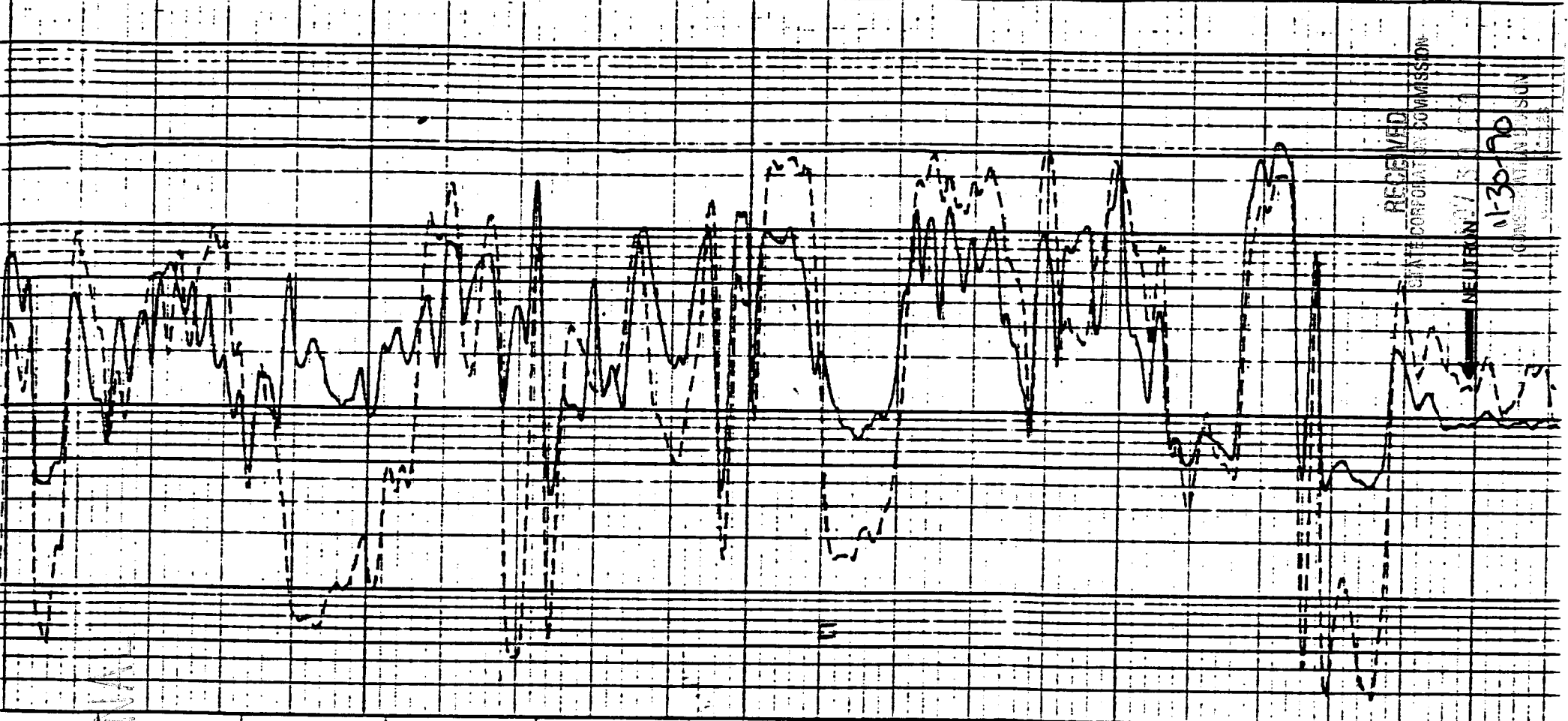
SOFTWARE VERSION
 401

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 STATE CORPORATION COMMISSION

11-30-90
 CONSERVATION DIVISION
 Kansas

RECEIVED
STATE CORRELATION COMMISSION

NEUTRON 73
11-30-70
CONSULTATION DIVISION



ORIGINAL

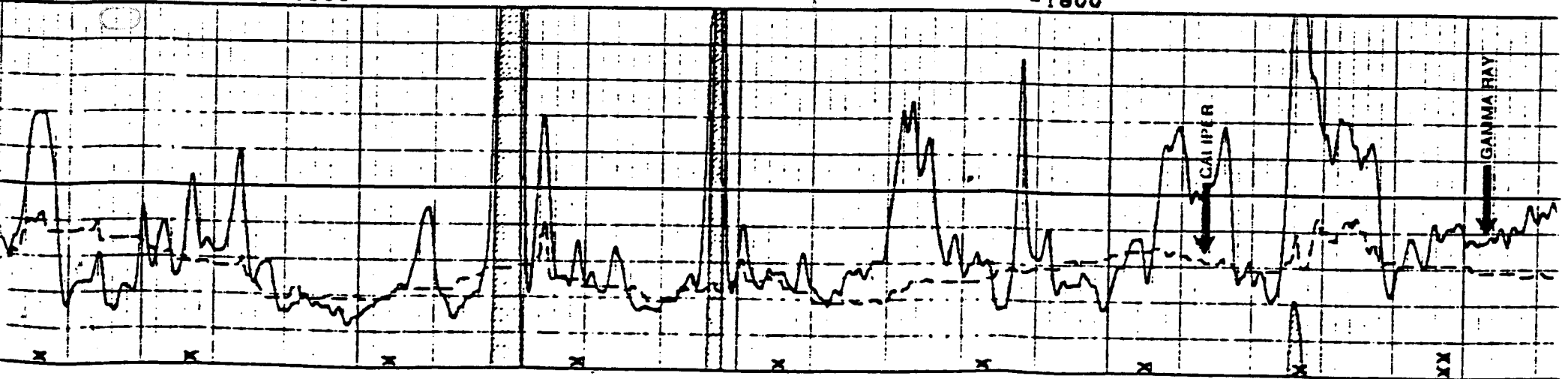
200

4300

4400

-1500

-1600



CALIPER

GAMMA RAY

x x x x x x x x x x

MALLARD JV, INC.
P.O. BOX 1009
McPHERSON, KS 67460

ORIGINAL

DRILLERS' LOG

OPERATOR: VIKING RESOURCES, INC.
105 S. BROADWAY, SUITE 1040
WICHITA, KS 67202

WELL: METHODIST CHURCH #1 OWWO
API#: 15-101-21,408-A

COMMENCED: OCTOBER 18, 1990

LOCATION: C W/2 NW

COMPLETED: OCTOBER 20, 1990

3960 Ft. FSL, 4620 Ft. FEL

TOTAL DEPTH: 4408 Ft.

SEC. 19 TWP. 19 S RGE. 27 W

ELEVATION: 2738 Ft. G.L.

COUNTY: LANE

2746 Ft. K.B.

STATUS: Set Casing

OLD WELL INFORMATION:

Operator: Donald C. Slawson
Well Name: Methodist Church #1
Comp. Date: 8-27-87
Old T.D.: 4665'
Surface Pipe: 8-5/8" set at 286' with 185 sacks

NEW INFORMATION:

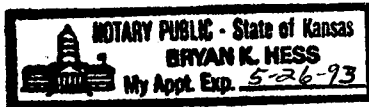
Washed hole down to 4408' and ran 137 joints 5 1/2" x 14.5# x 4380.33' production casing. Set at 4392' and cemented with 200 sacks 60/40 Pozmix, 10% salt, 3/4% CFR-2. P.D. at 9:15 a.m. 10-20-90.

STATE OF KANSAS)
COUNTY OF MCPHERSON) SS:

I, Dick Hess of MALLARD JV, INC. hereby certify that this is a true and correct copy of the log of the Methodist Church #1 well as reflected by the files of Mallard JV, Inc. OWWO

Dick Hess

Subscribed and sworn to before me this 30th day of October, 1990.



Bryan K. Hess
NOTARY PUBLIC

RECEIVED
STATE CORPORATION COMMISSION
NOV 30 1990
11-30-90
CONSERVATION DIVISION
Topeka, Kansas

ALLIED CEMENTING CO., INC. No 7203

Home Office P. O. Box 31

Russell, Kansas 67665

-New

11-1 9AM

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
11-2-90	19	19	27	7AM	11-2 8AM	12:30	3PM
Methodist Church		No. B-1		Location		County	State
Contractor		Cheyenne		Dighton KS 67848		Lane	Ks

Type Job	Port Collar
Hole Size	T.D.
Csg. 5 1/2	Depth
Tbg. Size 2 1/2	Depth
Drill Pipe Expert plug	Depth 4100
Tool Baker Port Collar	Depth 2044
Cement Left in Csg.	Shoe Joint
Press Max. 2500	Minimum
Meas Line	Displace
Perf.	

Owner Same
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 V. King
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. [Signature]
X [Signature]

EQUIPMENT

No.	Cementer	Sen	[Signature]
Pumptrk 158	Helper		[Signature]
No.	Cementer		
Pumptrk	Helper		
	Driver	Chad	[Signature]
Bulktrk 96-69	Driver	Bill	[Signature]

Amount Ordered	400 lbs 1/4 fl oz seal / sk		
Consisting of	4 lbs gel 2 lbs sand		
Common	(used 1378 lbs)		
378 lbs	4.25	1606.50	
Gel. 4	6.75	27.00	
Chloride			
Flo Seal 48"	1.00	48.00	
Sand-2	4.75	9.50	

DEPTH of Job		
Reference:	Pump truck	475.00
	30 milage	60.00
	Sub Total	
	Tax	
	Total	535.00

Handling	400	1.00	400.00
Mileage	30		360.00
	Sub Total		
	Total		2451.00

Remarks: 11-1 Port Collar did not open
11-2 Collar opened. mts 2 gal w/ 20 gal water ahead of cement - cement did circ. Allied Cementing - Sen Shaffer
Chad Driffey J.D. Drilling
(circ 20 BBL) cement Thank you.

Floating Equipment
Total \$ 2986.00
Disc - 597.20
\$ 2388.80

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STATE CORPORATION COMMISSION
NOV 30 1990
11-30-90
CONSERVATION DIVISION
SALINA, KANSAS

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

ORIGINAL

Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC. No. 7121

Home Office P. O. Box 31

Russell, Kansas 67665

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
10-19-90	19	19	27	9:30 AM	10:45 AM	10 AM	
Lease	Well No. 1	Location			County	State	

Contractor <i>Mr. Good</i>	
Type Job <i>Anything</i>	
Hole Size <i>7 1/2</i>	T.D. <i>4408'</i>
Csg. <i>5 1/2</i>	Depth <i>4392'</i>
Tbg. Size	Depth
Drill Pipe	Depth
Tool Port <i>collar - Baker</i>	Depth <i>2052'</i>
Cement Left in Csg.	Shoe Joint <i>21.02</i>
Press Max. <i>1000#</i>	Minimum
Meas Line <i>1/2"</i>	Displace <i>106.4</i>
Perf.	

Owner <i>Viking Resources</i>	
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 <i>Viking Resources</i>	
Street	
City	State
The above was done to satisfaction and supervision of owner agent or contractor	
Purchase Order No.	
X <i>Paul Baker</i>	
CEMENT	
Amount Ordered <i>200 107000lt, 20 TEL WFR 2</i>	
Consisting of	
Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	
Sales Tax	
Handling	
Mileage	
Sub Total	
Total	
Floating Equipment <i>(Baker) 7</i>	
<i>Insert</i>	
<i>Unit spec.</i>	
<i>8 - Centralizers</i>	
<i>1 - Metal Petal Frisquet</i>	
<i>Port collar</i>	
<i>1 - limit clamp - Allied</i>	

EQUIPMENT

No.	Cementor	Helper
Pumptrk # <i>116</i>		
No.	Cementor	Helper
Pumptrk		
No.	Driver	Driver
Bulktrk # <i>29</i>		
Bulktrk		

DEPTH of Job

Reference:	Sub Total	Tax	Total
<i>Pumptrk - large</i>			
<i>Mileage</i>			
<i>1 5 1/2 rubber plug</i>			

Remarks: *15m in P.H. 1 Oak M.H.*
First did hold

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 11-30-90
 CONSERVATION DIVISION
 Kansas

Thank you.