

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 # 5030  
Name: Vess Oil Corporation  
Address 8100 E. 22nd North Bldg. 300  
City/State/Zip Wichita, Ks 67226  
Purchaser: -----  
Operator Contact Person: Bill Horigan  
Phone (316) 682-1537

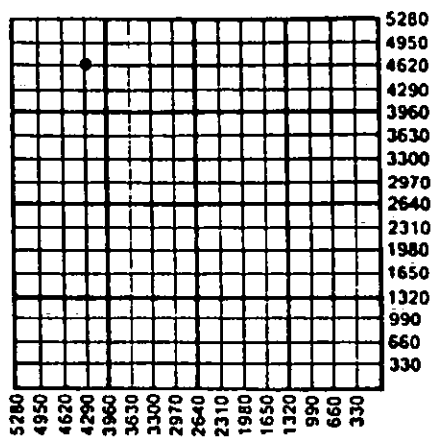
Contractor: Name: L. D. Drilling, Inc.  
License: 6039  
Wellsite Geologist: Kim Shoemaker STATE CORPORATION COMMISSION

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp.  Conservation  
 Gas  Inj  Delayed Completion  
 Dry  Other (Core, Water Supply, etc.)

If OWMO: old well info as follows:  
Operator: -----  
Well Name: -----  
Comp. Date ----- Old Total Depth -----

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
2-21-91 3-01-91 N/A  
Spud Date Date Reached TD Completion Date

API NO. 15- 135-23,551-00-00  
County Ness ✓  
E/2 NW NW Sec. 23 Twp. 17S Rge. 26  East West  
4620 Ft. North from Southeast Corner of Section  
4290 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)  
Lease Name NORTON "KS" Well # 1  
Field Name Kansada  
Producing Formation -----  
Elevation: Ground 2503' KB 2508'  
Total Depth 4474' PBDT -----



Amount of Surface Pipe Set and Cemented at 285' Feet  
Multiple 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.

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MAY 28 1991  
CONSERVATION DIVISION  
Wichita, Kansas

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 WR Horigan  
Title Operations Manager Date 5/23/90  
Subscribed and sworn to before me this 23<sup>rd</sup> day of May, 1991.  
Notary Public Paula K. Driskell  
Date Commission Expires June 27, 1994

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)

PAULA K. DRISKELL  
State of Kansas  
My Appl. Exp. 6-27-1994

91

**SIDE TWO**

Operator Name Vess Oil Corporation Lease Name NORTON "KS" Well # 1  
 County NESS  
 Sec. 23 Twp. 17S Rge. 26  East  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.

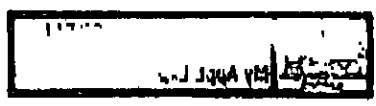
Drill Stem Tests Taken  Yes  No  
 (Attach Additional Sheets.)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy.)

**Formation Description**  
 Log  Sample  
 Name Top Bottom

SEE ATTACHMENT SHEET

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"	28#	285'	60/40 poz	165	2% gel, 3% cc	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record				
Shots Per Foot	Specify Footage of Each Interval Perforated			Amount and Kind of Material Used			Depth	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No				
Size	Set At	Packer At						
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)							
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity			

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



DRILLER'S WELL LOG

DATE COMMENCED: 2-21-91

DATE COMPLETED: 3-01-91

VESS OIL CORPORATION  
Norton "KS" #1  
E/2 NW NW  
Sec. 23, T17S, R26W  
Ness County, KS.

ELEVATION: 2503 GL 2508 KB

SURFACE PIPE:

8 5/8" set @ 285' W/165 sx.  
60/40 pozmix, 2% Gel, 3% CC

- 0 - 285 Shale & clay
- 285 - 1858 Shale
- 1858 - 1888 Anhy
- 1888 - 2555 Shale & lime
- 2555 - 2775 Lime & Shale
- 2775 - 2955 Shale & Lime
- 2955 - 3330 Lime & Shale
- 3330 - 3504 Shale & Lime
- 3504 - 3880 Lime & Shale
- 3880 - 4030 Shale & Lime
- 4030 - 4272 Lime
- 4272 - 4350 Shale & Lime
- 4350 - 4474 Lime
- 4474 RTD

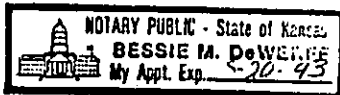
AFFIDAVIT

STATE OF KANSAS )  
COUNTY OF BARTON) <sup>ss</sup>

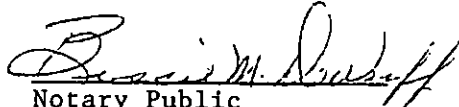
L. D. Davis of lawful age, does swear, and state that the facts and statements herein are true and correct to the best of his knowledge.

  
\_\_\_\_\_  
L. D. Davis

Subscribed and sworn to before me this 7th day of March 1991.



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STATE CORPORATION COMMISSION

  
\_\_\_\_\_  
Notary Public  
Bessie M. DeWerff

MAY 28 1991  
CONSERVATION DIVISION  
Wichita, Kansas

COPY

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

15-135-23551-00-00

**ALLIED CEMENTING CO., INC.** No. 7352

Home Office P. O. Box 317 Russell, Kansas 67665

New

Date	3-1-91	Sec.	23	Twp.	17	Range	26	Called Out	12:30	On Location	2:30 PM	Job Start	3:30 PM	Finish	6 PM
Lease	Norton	Well No.	1	Location	Utica 1/2 E 5 S			County	Ness	State	KS				
Contractor	J.D. [Signature]											Owner	Vess		
Type Job	Rotary Plug														
Hole Size	7 7/8"		T.D. 4474'												
Csg.	Depth														
Tbg. Size	Depth														
Drill Pipe	4 1/2 x 11'		Depth 1900'												
Tool	Depth														
Cement Left in Csg.	Shoe Joint														
Press Max.	Minimum														
Meas Line	Displace														
Perf.															

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	Vess Oil Corp		
Street			
City			State
The above, was done to satisfaction and supervision of owner agent or contractor			
Purchase Order No.	[Signature]		
Amount Ordered	215 <sup>00</sup> / <sub>40</sub> 671092 1/4 flo seal		

**EQUIPMENT**

No.	Cementer	
Pumptrk 158	Helper	
No.	Cementer	J.D.
Pumptrk	Helper	MIKE
69	Driver	CHAD
Bulktrk	Driver	

Consisting of	
Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	
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STATE CORPORATION COMMISSION	
Handling	MAY 28 1991
Mileage	CONSERVATION DIVISION Wichita, Kansas
Sub Total	
Total	

**DEPTH of Job**

Reference:	1 <sup>st</sup> Pump trk change	
	Mileage	
	1 <sup>st</sup> 50' x 1900'	
	2 <sup>nd</sup> 50' x 1100'	
	3 <sup>rd</sup> 40' x 650'	
	4 <sup>th</sup> 50' x 320'	
	5 <sup>th</sup> 10' x 40'	
	15' x - Ratchet	
Sub Total		
Tax		
Total		

Handing	MAY 28 1991
Mileage	CONSERVATION DIVISION Wichita, Kansas
Sub Total	
Total	
Floating Equipment	

*Handwritten notes and signatures:*  
 All right  
 [Signature]

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

15-135-23551-00-00

# ALLIED CEMENTING CO., INC. No. 8471

Home Office P. O. Box 3105, Russell, Kansas 67665

*New*

Date <b>2.21.91</b>	Sec. <b>23</b>	Twp. <b>17</b>	Range <b>23</b>	Called Out <b>11:30 AM</b>	On Location <b>1:15 PM</b>	Job Start <b>2:30 PM</b>	Finish <b>2:35 PM</b>
Lease <b>North</b>	Well No. <b>1</b>	Location <b>Union RE 75</b>		County <b>Neosho</b>	State <b>MO</b>		
Contractor <b>J.A.</b>				Owner <b>Yes</b>			
Type Job <b>Surface</b>				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.			
Hole Size <b>12 1/4</b>	T.D. <b>285</b>						
Csg. <b>8 5/8</b>	Depth <b>285</b>			Charge To <b>Yes Oil</b>			
Tbg. Size	Depth			Street			
Drill Pipe	Depth			City			
Tool	Depth			The above was done to satisfaction and supervision of owner, agent or contractor.			
Cement Left in Csg. <b>15'</b>	Shoe Joint			Purchase Order No.			
Press Max.	Minimum			<b>XEROX DRUCKER</b>			
Meas Line <b>NO</b>	Displace <b>17.7</b>			<b>CEMENT</b>			
Perf.	(Amount) Ordered <b>165 cu 60/10 2% gel 3% cc</b>						

### EQUIPMENT

No.	Cement	Helper	Driver
Pumptrk # <b>158</b>			
Pumptrk No.	<b>J.D.</b>	<b>BILL</b>	<b>BOB</b>
Bulktrk # <b>114</b>			
Bulktrk			

Consisting of	Common	Poz. Mix	Gel	Chloride	Quickset

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Handling	STATE CORPORATION COMMISSION	Sales Tax
Mileage	<b>MAY 28 1991</b>	Sub Total
	CONSERVATION DIVISION	Total
	Wichita, Kansas	

### DEPTH of Job

Reference:	<b>Pump truck charge</b>	
	<b>Mileage</b>	
	<b>1 8 5/8 TWP</b>	
	Sub Total	
	Tax	
	Total	

Remarks: **Cement did circulate**  
**in placement**

*By Allied Cementing Co. Inc.*

*Thank You*

## ATTACHMENT SHEET TO ACO-1

Norton "KS" #1  
 E/2 NW NW  
 Sec. 23-17S-26W  
 Ness County, Kansas

DST #1 - 4213-4245 Zn. Marmaton  
 Times: 30-30  
 Blow: Weak blow-died in 15 min.  
 Rec.: Flush tool - No help.  
 40' Mud - NS  
 IFP: 46-50  
 ISIP: 1250

DST #2 - 4333-4380 Zn. Fort Scott  
 Times: 30-30  
 Blow: Weak blow-died in 15 min.  
 Rec.: 5' DM  
 IFP: 34-36  
 ISIP: 290

DST #3 - 4370-4460 Zn. Miss.  
 Times: 30-30  
 Blow: 1/2" Blow - Died  
 Rec.: 1' FO  
 9' OCM  
 IFP: 80-82  
 ISIP: 120

DST #4 - 4459-4474 Zn. Miss.  
 Times: 30-30-30-30  
 Blow: Weak Blow - died in 10 min.  
 on 2nd open  
 Rec.: 15' mud with oil specks  
 IFP: 42-42 FFP: 44-44  
 ISIP: 1191 FSIP: 1159

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STATE CORPORATION COMMISSION  
 WICHITA, KANSAS

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15-135-23551-0000

Norton "KS" #1 (Continued)

Sample Tops

Anh.	1858	+650
B. Anh.	1888	+620
Heebner	3796	(-1288)
LKC	3840	(-1332)
BKC	4158	(-1650)
Marmaton	4209	(-1701)
Fort Scott	4350	(-1842)
Cherokee	4374	(-1866)
Miss.	4456	(-1948)
RTD	4474	(-1966)

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CONSERVATION DIVISION  
Wichita, Kansas