

ORIGINAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 32016

Name: Pioneer Resources

Address: 177 W. Limestone Rd.

City/State/Zip: Phillipsburg, KS. 67661

Purchaser: NCRA

Operator Contact Person: Rodger D. Wells

Phone: (785) 543-5556

Contractor: Name: Murfin Drilling Co. Inc.

License: 30606

Wellsite Geologist: Randal Kilian

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: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

Deepening     Re-perf.     Conv. to Enhr./SWD

Plug Back     Plug Back Total Depth

Commingled    Docket No. \_\_\_\_\_

Dual Completion    Docket No. \_\_\_\_\_

Other (SWD or Enhr.?)    Docket No. \_\_\_\_\_

<u>6-11-04</u>	<u>6-18-04</u>	<u>7-8-04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 065-22983-0000

County: Graham

W2 SW-SW-    Sec. 32 Twp. 9 S. R. 21  East  West

590 feet from  S / N (circle one) Line of Section

370 feet from E /  W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW  SW

Lease Name: Yost Well #: 2

Field Name: Cooper

Producing Formation: LKC

Elevation: Ground: 2304 Kelly Bushing: 2309

Total Depth: 3947 Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 220 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set 1778 Feet

If Alternate II completion, cement circulated from 1782

feet depth to Surface w/ 375 sx cmt.

Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit)

*ACT II WITHIN  
3-19-07*

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

Dewatering method used \_\_\_\_\_

Location of fluid disposal if hauled offsite: No Fluids were removed and allowed to air dry

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 of 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: Rodger D. Wells

Title: Owner Date: 9-22-04

Subscribed and sworn to before me this 22 day of September, 192004.

Notary Public: [Signature]  
Date Commission Expires: \_\_\_\_\_

NOTARY PUBLIC STATE OF KANSAS	GAYLA McCREERY State of Kansas My Appt. Exp. <u>3-8-08</u>
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**KCC Office Use ONLY**

Letter of Confidentiality Attached

If Denied, Yes  Date: \_\_\_\_\_

Wireline Log Received

Geologist Report Received

UIC Distribution

Operator Name: Pioneer Resources Lease Name: Yost Well #: 2  
 Sec. 32 Twp. 9 S. R. 21  East  West County: Graham

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run: Dual Induction Log Dual Compensated Porosity Micro-sensitivity	<input checked="" type="checkbox"/> Log    Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: right;">Top</th> <th style="text-align: right;">Datum</th> </tr> </thead> <tbody> <tr> <td>Anh.</td> <td style="text-align: right;">1781</td> <td style="text-align: right;">+528</td> </tr> <tr> <td>Base</td> <td style="text-align: right;">1815</td> <td style="text-align: right;">+494</td> </tr> <tr> <td>Topeka</td> <td style="text-align: right;">3284</td> <td style="text-align: right;">-975</td> </tr> <tr> <td>Heeb.</td> <td style="text-align: right;">3486</td> <td style="text-align: right;">-1177</td> </tr> <tr> <td>Tor.</td> <td style="text-align: right;">3508</td> <td style="text-align: right;">-1199</td> </tr> <tr> <td>Lansing</td> <td style="text-align: right;">3524</td> <td style="text-align: right;">-1215</td> </tr> <tr> <td>BKC</td> <td style="text-align: right;">3750</td> <td style="text-align: right;">-1441</td> </tr> <tr> <td>Arbuckle</td> <td style="text-align: right;">3882</td> <td style="text-align: right;">-1574</td> </tr> <tr> <td>T.D.</td> <td style="text-align: right;">3949</td> <td style="text-align: right;">-1640</td> </tr> </tbody> </table>	Name	Top	Datum	Anh.	1781	+528	Base	1815	+494	Topeka	3284	-975	Heeb.	3486	-1177	Tor.	3508	-1199	Lansing	3524	-1215	BKC	3750	-1441	Arbuckle	3882	-1574	T.D.	3949	-1640
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CASING RECORD <input type="checkbox"/> New <input 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	# Sacjs Used	Type and Percent Additives
Surface	12 1/4	8 5/8	7.875	220'	60/40POZ	175	2%Gel 3%CC
Production		5 1/2	20' Ft	3925'	ASC	150	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	Sur-1782	60/40 Poz	375	2% Gel    500 Gal    WFR-2

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
4	3882.5 to 3884.5	1.2 BBLs Acid	
4	3700 to 3704	1000 Gal. 15% N/E Acid	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	5 1/2	3925		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
7-23-04	<input type="checkbox"/> Flowing <input checked="" 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
	20		12		

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease <i>(If vented, Sumit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	

# ALLIED CEMENTING CO., INC.

17174

Federal Tax I.D.# 48-0727860

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

SERVICE POINT

*Russell*  
*6/17/04*

DATE <i>6/16/04</i>	SEC <i>32</i>	TWP. <i>9</i>	RANGE <i>21</i>	CALLED OUT <i>9:30 AM</i>	ON LOCATION <i>12:30 AM</i>	JOB START	JOB FINISH <i>6:00 AM</i>
LEASE <i>Yost</i>	WELL# <i>2</i>	LOCATION <i>church of God 3 1/2 S</i>			COUNTY <i>Graham</i>	STATE <i>Ks</i>	
OLD OR NEW (Circle one)							

CONTRACTOR *MURFIN <sup>LP</sup>*

TYPE OF JOB *Long string*

HOLE SIZE *7 7/8* T.D. *3947*

CASING SIZE *5 1/2* DEPTH *391'*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. *18.2'*

PERFS.

DISPLACEMENT *95.7' bbls*

OWNER

CEMENT

AMOUNT ORDERED

*175 ASC 2 1/2 bbl*

*500 gal WFR 2*

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KCC WICHITA

COMMON	<i>175 ASC</i>	@	<i>9.50</i>	<i>1662.50</i>
POZMIX		@		
GEL	<i>3</i>	@	<i>11.00</i>	<i>33.00</i>
CHLORIDE		@		
ASC		@		
<i>WFR-2</i>	<i>500 gals</i>	@	<i>1.00</i>	<i>500.00</i>
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<i>178</i>	@	<i>1.25</i>	<i>222.50</i>
MILEAGE	<i>54/SK</i>			<i>534.00</i>
TOTAL				<i>2952.00</i>

EQUIPMENT

PUMP TRUCK CEMENTER *Bill*

# *366* HELPER *SHANE*

BULK TRUCK

# DRIVER *GARY*

BULK TRUCK

# DRIVER

REMARKS:

*Pipe net c 3947.13*

*Shoe pt 18.2'*

*Insert c 3922.89*

*pump 500 gals of Flush, Cement w/ 150 lb ASC, pump plus w/ 17.7' bbls of water Land plug c 1500'*

*Float did not hold*

*150 lb RH*

*100 lb MH*

CHARGE TO: *Pioneer Resources*

STREET

CITY STATE ZIP

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE				<i>1130.00</i>
EXTRA FOOTAGE		@		
MILEAGE	<i>60</i>	@	<i>4.00</i>	<i>240.00</i>
<i>Plug</i>	<i>512</i>	@		<i>50.00</i>
		@		
		@		
TOTAL				<i>1420.00</i>

PLUG & FLOAT EQUIPMENT

*Fayed 6/17/04*

<i>1" Blue MANIFOLD</i>	@	<i>1500.00</i>
<i>1- Guide Shoe</i>	@	<i>150.00</i>
<i>1- Insert</i>	@	<i>235.00</i>
<i>9- Centralizers</i>	@	<i>50.00</i>
		<i>1225.00</i>

To Allied Cementing Co., Inc.

You are hereby requested to rent cementing equipment

# ALLIED CEMENTING CO., INC.

16918

Federal Tax I.D.# 48-0727860

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

SERVICE POINT:

R

DATE <u>7/14/04</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>2:00p.m.</u>	JOB START	JOB FINISH <u>5:00p.m.</u>
LEASE <u>Test</u>	WELL# <u>2</u>	LOCATION <u>Redline &amp; Bogue Rd</u>			COUNTY <u>Crawford</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one)			<u>13 E IV</u>				

CONTRACTOR <u>Mater's</u>
TYPE OF JOB <u>Port collar</u>
HOLE SIZE _____ T.D. _____
CASING SIZE <u>5 1/2</u> DEPTH _____
TUBING SIZE <u>2 1/2</u> DEPTH _____
DRILL PIPE _____ DEPTH _____
TOOL <u>Port Collar</u> DEPTH <u>1802'</u>
PRES. MAX _____ MINIMUM _____
MEAS. LINE _____ SHOE JOINT _____
CEMENT LEFT IN CSG. _____
PERFS. _____
DISPLACEMENT _____

### EQUIPMENT

PUMP TRUCK # <u>345</u> CEMENTER <u>Paul</u>
HELPER <u>Steve</u>
BULK TRUCK # <u>378</u> DRIVER <u>Cary</u>
DRIVER _____

### REMARKS:

BP @ 2925. Test to 1,000'  
Turned hole spot 2 sand.  
Found P.C. @ 1802'. Mixed 300sx  
Displaced 9 1/2 Bbl. Closed tool.  
Press to 1,000psi. Run down to  
B.P. Washed sand. Reversed out.  
Cement Circulated!

OWNER _____
CEMENT AMOUNT ORDERED <u>375-609/40 6090 Gel</u>
<u>1/4# FLO</u>
<u>USED 300 SX</u> <u>2 sand</u>
COMMON <u>180</u> @ <u>765</u> <u>1377.00</u>
POZMIX <u>120</u> @ <u>4.00</u> <u>480.00</u>
GEL <u>15</u> @ <u>11.00</u> <u>165.00</u>
CHLORIDE @ _____
ASC @ _____
<del>KEL 56.1</del> @ _____
<u>Sand</u> <u>2</u> @ <u>7.50</u> <u>15.00</u>
<u>Floccul</u> <u>75#</u> @ <u>1.40</u> <u>105.00</u>
HANDLING <u>396</u> @ <u>1.25</u> <u>495.00</u>
MILEAGE <u>5 1/2 sk/mile</u> <u>1188.00</u>
TOTAL <u>3825.00</u>

### SERVICE

DEPTH OF JOB _____
PUMP TRUCK CHARGE <u>650.00</u>
EXTRA FOOTAGE @ _____
MILEAGE <u>60</u> @ <u>4.00</u> <u>240.00</u>
@ _____
@ _____
@ _____

RECEIVED

OCT 04 2004

TOTAL 890.00

KCC WICHITA

### PLUG & FLOAT EQUIPMENT

MANIFOLD @ _____
@ _____
@ _____
@ _____
@ _____

CHARGE TO: Pioneer Resources

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

To Allied Cementing Co., Inc.  
 You are hereby requested to rent cementing equipment

# ALLIED CEMENTING CO., INC.

17000

Federal Tax I.D.# 48-0727860

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

SERVICE POINT: R

DATE <u>6-11-04</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>2:00PM</u>	JOB START <u>2:30AM</u>	JOB FINISH <u>3:00PM</u>
LEASE <u>YOST</u>	WELL # <u>Z</u>	LOCATION <u>CHURCH OF GOD</u>			COUNTY <u>CRANFAM</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR MURFIN S

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4 T.D. 228

CASING SIZE 8 5/8 DEPTH 228

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 10-15'

PERFS.

DISPLACEMENT 13 1/2 BBL

OWNER

CEMENT

AMOUNT ORDERED 150 Com 3%CC  
2%CEL.

COMMON	<u>150</u>	@	<u>765</u>	<u>114750</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>1100</u>	<u>3300</u>
CHLORIDE	<u>5</u>	@	<u>3000</u>	<u>15000</u>
ASC		@		

### EQUIPMENT

PUMP TRUCK CEMENTER MARK

# 345 HELPER STEVE

BULK TRUCK

# 213 DRIVER CARY

BULK TRUCK

# DRIVER

HANDLING	<u>158</u>	@	<u>125</u>	<u>19750</u>
MILEAGE	<u>54/SK/mile</u>			<u>47400</u>
TOTAL				<u>200200</u>

### REMARKS:

CEMENT CONC

### SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>52000</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>60</u>	@	<u>400</u>	<u>24000</u>
<u>8 5/8 wood</u>		@		<u>1500</u>

CHARGE TO: PIONEER RESOURCES

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

RECEIVED

OCT 04 2004

TOTAL 80500

KCC WICHITA

### PLUG & FLOAT EQUIPMENT

MANIFOLD	@		
	@		
	@		
	@		
	@		

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment