

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Form ACO-1  
September 1999  
Form Must Be Typed

**ORIGINAL**

Operator: License # 33325  
 Name: Petroleum Development Corporation  
 Address: 120 Genesis Blvd., Charles Pointe, PO Box 26  
 City/State/Zip: Bridgeport WV 26330  
 Purchaser: Riley Natural Gas Company  
 Operator Contact Person: Larry Robbins  
 Phone: ( 303 ) 860-5822  
 Contractor: Name: Western Well Drilling, LLC  
 License: 33669  
 Wellsite Geologist: N/A  
 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: \_\_\_\_\_  
 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>11/11/06</u>	<u>11/13/06</u>	<u>12/13/06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

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**JUL 25 2007**  
 CONSERVATION DIVISION  
 WICHITA, KS

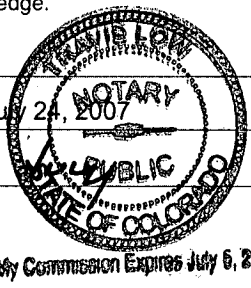
API No. 15 - 023-20708-0000  
 County: Cheyenne  
S2 NW NW Sec. 17 Twp. 2 S. R. 41  East  West  
925 feet from S /  (circle one) Line of Section  
625 feet from E /  (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE  SW  
 Lease Name: Gemaehlich Well #: 11-17  
 Field Name: Cherry Creek Niobrara Gas Area  
 Producing Formation: Niobrara  
 Elevation: Ground: 3600' Kelly Bushing: 3605'  
 Total Depth: 1679' Plug Back Total Depth: 1672'  
 Amount of Surface Pipe Set and Cemented at 7 jts @ 267 Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from \_\_\_\_\_  
 feet depth to \_\_\_\_\_ Alt I - Dlog - 7/15/08 sx cmt.

**Drilling Fluid Management Plan**  
 (Data must be collected from the Reserve Pit)  
 Chloride content 5000 ppm Fluid volume 50 bbls  
 Dewatering method used Evaporation  
 Location of fluid disposal if hauled offsite: \_\_\_\_\_  
 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: Jerry P... [Signature]  
 Title: Regulatory Agent Date: July 24, 2007  
 Subscribed and sworn to before me this 24 day of July, 2007  
 Notary Public: Yvonne [Signature]  
 Date Commission Expires: 7-5-09



**KCC Office Use ONLY**

Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: Petroleum Development Corporation Lease Name: Gemaehlich Well #: 11-17  
 Sec. 17 Twp. 2 S. R. 41  East  West County: Cheyenne

**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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" 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:  <b>DIL/CDL/CNL/GR and GR/VDL/CBL</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum  Niobrara 1499'
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CASING RECORD <input checked="" 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	# Sacks Used	Type and Percent Additives
Surface	9 7/8"	7"	17#/ft	267'	Class "A"	85	2% gel + 3%CaCl2
Production	6 1/4"	4 1/2"	10.5 #/ft	1672'	ASC	75	2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> 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
2	1520-1532'	500 gal 15% HCL, 70 Quality N2 foam, 348 bbls Lightning 15# fluid system, 99700 lbs of 12/20 Braddy Sand 4000 lbs CR4000 resin coated sand, 325 MSCF N2	1520-1532'
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TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	1560'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr. <b>April 09, 2007</b>	Producing Method
	<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
	0	98	29	n/a	

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit 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.

28536

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

SERVICE POINT: Oakley

DATE <u>11-13-06</u>	SEC. <u>17</u>	TWP. <u>23</u>	RANGE <u>41W</u>	CALLED OUT	ON LOCATION <u>3:30 PM</u>	JOB START <u>4:30 PM</u>	JOB FINISH <u>4:45 PM</u>
LEASE <u>Gemeachlich</u>	WELL # <u>11-17</u>	LOCATION <u>St Francis</u>	<u>2W-SW-SW</u>	COUNTY <u>Cherokee</u>	STATE <u>Kan</u>		
OLD OR NEW (Circle one)		<u>2 1/2 N-3W-SW</u>					

CONTRACTOR Western Well Drilling

TYPE OF JOB Production

HOLE SIZE 6 1/4 T.D. 1675'

CASING SIZE 4 1/2 DEPTH 1113.39'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 14.60'

CEMENT LEFT IN CSG. 14.60

PERFS.

DISPLACEMENT 26 1/4 BBL

OWNER Same

CEMENT AMOUNT ORDERED 75 sks ASC, 2 1/2 W. of 1/4# Flo-sol

**EQUIPMENT**

PUMP TRUCK CEMENTER Walt

# 422 HELPER Lennie

BULK TRUCK

# 315 DRIVER Kelly

BULK TRUCK DRIVER

COMMON	@		
POZMIX	@		
GEL	@	<u>1 sks</u>	<u>16.05</u>
CHLORIDE	@		
ASC	@	<u>75 sks</u>	<u>143.25</u>
<u>Flo-sol</u>	@	<u>17 #</u>	<u>37.80</u>
<u>Clc-Pea</u>	@	<u>3 gal</u>	<u>7.50</u>
	@		
	@		
	@		
	@		
HANDLING	@	<u>80 sks</u>	<u>152.00</u>
MILEAGE	@	<u>94.72 miles</u>	<u>120.00</u>
TOTAL			<u>2,104.65</u>

**REMARKS:**

mix 75 sks ASC  
Class Disposal Lines  
reference Dly + Disposal 26 1/4 BBL  
Yol well 2 1/2 #  
Lead Dly 2 1/2 #

Thank You

**SERVICE**

DEPTH OF JOB

PUMP TRUCK CHARGE 1,610.00

EXTRA FOOTAGE @

MILEAGE 100 miles @ 1.00 100.00

MANIFOLD @

**RECEIVED**  
KANSAS CORPORATION COMMISSION @

TOTAL 2,210.00

CHARGE TO: Petroleum Development Corp

STREET

CITY STATE ZIP

**JUL 25 2007**  
CONSERVATION DIVISION  
WICHITA, KS

**PLUG & FLOAT EQUIPMENT**

@

@

@

@

@

TOTAL

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX

TOTAL CHARGE 4,314.65

DISCOUNT -431.40 IF PAID IN 30 DAYS

SIGNATURE [Signature]

PRINTED NAME

# ALLIED CEMENTING CO., INC.

28533

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

SERVICE POINT:

Oakley

DATE <u>11-11-06</u>	SEC <u>17</u>	TWP. <u>2<sup>s</sup></u>	RANGE <u>4<sup>W</sup></u>	CALLED OUT	ON LOCATION <u>2:45 PM</u>	JOB START <u>3:00 PM</u>	JOB FINISH <u>3:15 PM</u>
LEASE <u>Gemaellich</u>	WELL # <u>11-17</u>	LOCATION <u>St Francis 2N-5N-5W-26A</u>			COUNTY <u>Cherokee</u>	STATE <u>Kan</u>	
OLD OR NEW (Circle one)							

CONTRACTOR <u>Western Well Digs</u>
TYPE OF JOB <u>Surface</u>
HOLE SIZE <u>9 7/8"</u> T.D. <u>264'</u>
CASING SIZE <u>9"</u> DEPTH <u>262'</u>
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG. <u>10'</u>
PERFS.
DISPLACEMENT <u>10.4 BBL</u>

### EQUIPMENT

PUMP TRUCK # <u>102</u>	CEMENTER <u>Walt</u>
	HELPER <u>Jarrod</u>
BULK TRUCK #	DRIVER <u>Larry</u>
BULK TRUCK #	DRIVER

### REMARKS:

Cement Did Cure

Thank You

CHARGE TO: Western Well Digs

STREET \_\_\_\_\_

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

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Sharon Tompkins

OWNER Petroleum Development Corp

CEMENT AMOUNT ORDERED com

3%cc - 2%lel

COMMON <u>85 - sks @ 12.22</u>	<u>1037.00</u>
POZMIX @	
GEL <u>1 sks @ 16.65</u>	<u>16.65</u>
CHLORIDE <u>2 sks @ 46.60</u>	<u>93.20</u>
ASC @	

HANDLING <u>88 - sk @ 1.90</u>	<u>167.20</u>
MILEAGE <u>94 per sk/mile</u>	<u>1792.00</u>
TOTAL	<u>2,106.05</u>

### SERVICE

DEPTH OF JOB	
PUMP TRUCK CHARGE	<u>815.00</u>
EXTRA FOOTAGE @	
MILEAGE <u>100 miles @ 6.00</u>	<u>600.00</u>
MANIFOLD @	

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JUL 25 2007

### PLUG & FLOAT EQUIPMENT

CONSERVATION DIVISION WICHITA, KS <u>7"</u>	
<u>1 - Controlizer</u> @	<u>54.00</u>
@	
@	
@	
@	

TOTAL 54.00

TAX	
TOTAL CHARGE <u>3,575.05</u>	
DISCOUNT <u>-357.50</u>	IF PAID IN 30 DAYS

PRINTED NAME