

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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) 860-5800  
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. \_\_\_\_\_

10/19/06	10/20/06	11/02/06
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 023-20702-0000  
County: Cheyenne  
SW SE SW Sec. 7 Twp. 2 S. R. 41  East  West  
505 feet from S / N (circle one) Line of Section  
1645 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW  SW  
Lease Name: Brunswig Well #: 24-7

Field Name: Cherry Creek Niobrara Gas Area  
Producing Formation: Niobrara

Elevation: Ground: 3611' Kelly Bushing: 3616'  
Total Depth: 1675' Plug Back Total Depth: 1645'

Amount of Surface Pipe Set and Cemented at 7 jts @ 282' 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.

Drilling Fluid Management Plan Act INH 7-18-08  
(Data must be collected from the Reserve Pit)

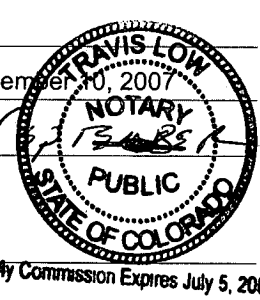
Chloride content 5000 ppm Fluid volume 50 bbls  
Dewatering method used Evaporation

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: [Signature]  
Title: Regulatory Agent Date: September 10, 2007  
Subscribed and sworn to before me this 10 day of September  
20 07  
Notary Public: [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

RECEIVED  
KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WICHITA, KS  
SEP 11 2007

Operator Name: Petroleum Development Corporation Lease Name: Brunswig Well #: 24-7  
 Sec. 7 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  Yes  No  
 (Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy)

List All E. Logs Run:

**DIL/CDL/CNL/GR and GR/VDL/CBL**

Log Formation (Top), Depth and Datum  Sample

Name Niobrara Top 1490' Datum

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	282'	Class "A"	85	2% gel + 3%CaCl2
Production	6 1/4"	4 1/2"	10.5 #/ft	1666'	Type I/II Dacotah	75	2% CaCl2

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	1508'-1522'	500 gal 15% HCL, 70 Quality N2 foam,	1508'-1522'
		337 bbls Lightning 15# fluid system	
		96640 lbs of 12/20 mesh Brady Sand	
		4000 lbs CR4000 resin coated sand	
		345400 scf N2	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	1547'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
December 18, 2006	<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	33	0	n/a	

Disposition of Gas  Vented  Sold  Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

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# ALLIED CEMENTING CO., INC. 25372

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

SERVICE POINT: Oakley, KS

DATE <u>10-21-06</u>	SEC <u>7</u>	TWP. <u>2S</u>	RANGE <u>11W</u>	CALLED OUT <u>All 7 hrs Central</u>	ON LOCATION <u>9:30 AM</u>	JOB START <u>11:15 AM</u>	JOB FINISH <u>11:45 AM</u>
LEASE <u>Boonville #9</u>		WELL # <u>24-7</u>		LOCATION <u>St. Francis Ave. 27 Hwy</u>		COUNTY <u>Cherokee</u>	STATE <u>KS</u>
OLD OR NEW (Circle one) <u>NEW</u>				N. 25 W 11 S W 27 Hwy			

CONTRACTOR Western Well Drilling OWNER Same

TYPE OF JOB Production String

HOLE SIZE \_\_\_\_\_ T.D. \_\_\_\_\_

CASING SIZE 4" 2 DEPTH 10.5 DEPTH 1662'

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM 41

MEAS. LINE \_\_\_\_\_ SHOE JOINT 14'

CEMENT LEFT IN CSG. 14'

PERFS. \_\_\_\_\_

DISPLACEMENT 26.27 bbls

CEMENT

AMOUNT ORDERED 75 sacks 150 2900.00

114# 5' bag on 1

300# 5' bag on 10

COMMON _____	@ _____	_____
POZMIX _____	@ _____	_____
GEL _____	@ <u>16.50</u>	<u>16.50</u>
CHLORIDE _____	@ _____	_____
ASC _____	@ <u>14.25</u>	<u>1065.00</u>
_____	@ _____	_____
<u>Special 19'</u>	@ <u>2.00</u>	<u>38.00</u>
_____	@ _____	_____
<u>Ch. P. 300'</u>	@ <u>25.00</u>	<u>7500.00</u>
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
HANDLING <u>80</u>	@ <u>1.75</u>	<u>152.00</u>
MILEAGE <u>.09 1300 mile</u>	@ _____	<u>720.00</u>
<b>TOTAL</b>		<u>2066.00</u>

**EQUIPMENT**

PUMP TRUCK CEMENTER Tuzzie

# 102 HELPER Samuel

BULK TRUCK

# 255 DRIVER Mike

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

**REMARKS:**

mix 75 sacks cement, wash out pump & lines. Displace plus with 29,000 gal water to 10' below. 200# list 1200# land pipe. 5' lost hold

Job complete @ 11:40 AM (CT)

**SERVICE**

DEPTH OF JOB 1662'

PUMP TRUCK CHARGE 1610.00

EXTRA FOOTAGE @ \_\_\_\_\_

MILEAGE 100 @ 6.00 600.00

MANIFOLD + Hand @ \_\_\_\_\_ 100.00

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TOTAL 2310.00

CHARGE TO: Production Development Corp

STREET \_\_\_\_\_

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

CONSERVATION DIVISION  
PLUG & FLOAT EQUIPMENT

1.4" 2 Basket (B) @ \_\_\_\_\_ 130.00

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL 130.00  
4506.00

TAX \_\_\_\_\_

TOTAL CHARGE 4055.00

DISCOUNT 450.00 IF PAID IN 30 DAYS

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 [Signature]

PRINTED NAME \_\_\_\_\_

# ALLIED CEMENTING CO., INC.

25183

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

SERVICE POINT:

OAKLEY

DATE <u>10-19-06</u>	SEC <u>7</u>	TWP. <u>25</u>	RANGE <u>41W</u>	CALLED OUT	ON LOCATION <u>2:45 PM</u>	JOB START <u>3:45 PM</u>	JOB FINISH <u>4:15 PM</u>
LEASE <u>BRINKLEY</u>	WELL # <u>24-7</u>		LOCATION <u>St. Francis NW-SW-SW-1/4</u>		COUNTY <u>CHENEWEE</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>W 2nd</u>				

CONTRACTOR WESTERN WELL DRILLING OWNER Petroleum Development Corp

TYPE OF JOB SURFACE

HOLE SIZE 9 7/8" T.D. 284'

CASING SIZE 7" DEPTH 276'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 10'

PERFS.

DISPLACEMENT 1 1/2 BBL.

CEMENT AMOUNT ORDERED 85 SKS com 380cc 2 1/2 BBL

**EQUIPMENT**

PUMP TRUCK CEMENTER TERRY

# 422 HELPER WAYNE

BULK TRUCK

# 315 DRIVER MIKE

BULK TRUCK

# DRIVER

COMMON	<u>85 SKS</u>	@	<u>12.30</u>	<u>1037.00</u>
POZMIX		@		
GEL	<u>2 SKS</u>	@	<u>16.50</u>	<u>33.00</u>
CHLORIDE	<u>3 SKS</u>	@	<u>46.00</u>	<u>138.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>90 SKS</u>	@	<u>1.90</u>	<u>171.00</u>
MILEAGE	<u>94 PER SKI</u>			<u>810.00</u>
TOTAL				<u>2191.00</u>

**REMARKS:**

Cement chd circ.

**SERVICE**

DEPTH OF JOB	<u>276'</u>		
PUMP TRUCK CHARGE			<u>815.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>100 mi</u>	@	<u>6.00</u>
MANIFOLD		@	
		@	
		@	
TOTAL <u>1415.00</u>			

CHARGE TO: WESTERN WELL DRILLING

STREET \_\_\_\_\_

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

7" **PLUG & FLOAT EQUIPMENT**

1- Cement 2 1/2 54.00

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CO. REGISTRATION

TOTAL 54.00

TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE Norman Landpiere

Norman Landpiere  
PRINTED NAME