

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

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>12/14/06</u>	<u>12/17/06</u>	<u>3/26/07</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 023-20698-0000
County: Cheyenne
NE SE SW Sec. 5 Twp. 2 S. R. 41 East West
965 feet from Q / N (circle one) Line of Section
2215 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 #: 24-5
Field Name: Cherry Creek Niobrara Gas Area

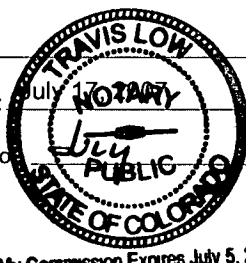
Producing Formation: Niobrara
Elevation: Ground: 3582' Kelly Bushing: 3587'
Total Depth: 1660' Plug Back Total Depth: 1617'
Amount of Surface Pipe Set and Cemented at 206' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan AKI VH 7-1408
(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: July 17th
Subscribed and sworn to before me this 17th day of _____
20 07
Notary Public: [Signature] My Commission Expires July 5, 2009
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: Brunswig Well #: 24-5
 Sec. 5 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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Niobrara	1472'
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
List All E. Logs Run:			

DIL/CDL/CNL/GR and GR/VDL/CBL
 RECEIVED
 KANSAS CORPORATION COMMISSION
 JUL 18 2007

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used <small>Report all strings set-conductivity logs, intermediate, production, etc.</small>							
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	206'	Class "A"	65	2% gel + 3%CaCl2
Production	6 1/4"	4 1/2"	10.5 #/ft	1633'	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 <i>(Amount and Kind of Material Used)</i>	Depth
2	1489-1501'	500 gal 15% HCL, 70 Quality N2 foam,	1489'-1501'
		356 bbls Lightning 15# fluid system,	
		97520 lbs of 12/20 Brady Sand,	
		4000 lbs CR4000 resin coated sand	
		and 335 scf N2.	

TUBING RECORD	Size 2-3/8"	Set At 1529'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enhr. 4/9/07	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i>
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Estimated Production Per 24 Hours	Oil Bbls. 0	Gas Mcf 26	Water Bbls. 21	Gas-Oil Ratio n/a	Gravity
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Disposition of Gas METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
(If vented, Submit ACO-18.) Other *(Specify)* _____

ALLIED CEMENTING CO., INC. 24489

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

SERVICE POINT

Oakley, KS
All 7: mos Central

DATE <i>12-18-06</i>	SEC <i>S</i>	TWP <i>2</i>	RANGE <i>41</i>	CALL NO	ON LOCATION	JOB START <i>10:30am</i>	JOB FINISH <i>11:00am</i>
LEASE <i>Bauswing</i>	WELL # <i>24-S</i>	LOCATION <i>St Francis 2nd Hwy 21</i>	COUNTY <i>Cherokee</i>	STATE <i>KS</i>			
OLD OR NEW (circle one) <i>NEW</i>			M-Red X <i>1/2" wire</i>				

CONTRACTOR *Western Well Drilling*
 TYPE OF JOB *Production string*
 HOLE SIZE *10 1/2* (11)
 CASING SIZE *4 1/2* DEPTH *1632* *83*
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MLAS. LINE SHOE JOINT *14* *82*
 CEMENT LEFT IN CSG *14* *82*
 PERFS.
 DISPLACEMENT

OWNER *same*
 CEMENT AMOUNT ORDERED *75545 Asc*
29000 114 + Ch-seal
3gal cla-pio

COMMON	@		
POZMIX	@		
GRI	@	<i>16</i>	<i>16 65</i>
CHLORIDE	@		
ASC	@	<i>75</i>	<i>1065 00</i>
<i>Ch-seal</i>	@	<i>19</i>	<i>38 00</i>
<i>Ch-pio</i>	@	<i>3gal</i>	<i>25 00</i>
	@		
	@		
	@		
HANDLING	@	<i>88</i>	<i>167 30</i>
MILEAGE	@	<i>0915</i>	<i>792 00</i>
TOTAL			<i>2153 85</i>

REMARKS:

*mix 75545 cement wash out pump + lines Displace plus to hatch down with 29000 under 7000 L.G. 1200 * land press float held plus down @ 10:45 am (C?)*

SERVICE

DEPTH OF JOB	@	<i>1632</i>	<i>93</i>
PUMP TRUCK CHARGE	@		<i>1610</i>
EXTRA FOOTAGE	@		
MILEAGE	@	<i>100</i>	<i>600 00</i>
MANIFOLD + Head	@		<i>100 00</i>
TOTAL			<i>2310 00</i>

CHARGE TO *Petroleum Development Corp*
 STREET
 CITY STATE

RECEIVED
KANSAS CORPORATION COMMISSION

PLUG & FLOAT EQUIPMENT

JUL 18 2007

To Allied Cementing Co., Inc. CONSERVATION DIVISION
 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.

TOTAL		<i>4463 85</i>
TAX		
TOTAL CHARGE	<i>4017 27</i>	<i>4463 85</i>
DISCOUNT	<i>4463 85</i>	IF PAID IN 30 DAYS

SIGNATURE *[Signature]*

ALLIED CEMENTING CO., INC. 24487

TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

All Times OKLA, KS
Central

DATE 12-16-06	SEC 5	TWP. 2S	RANGE 41W	CALLED OUT	ON LOCATION 11:00AM	JOB START 4:30PM	JOB FINISH 5:00PM
LEASE Brunswig	WELL# 24-S		LOCATION St Francis 2W - Hwy 27		COUNTY Cheyenne	STATE KS	
OLD OR <u>NEW</u> (Circle one)			W- Rd X 1/2 - 3/4 wt win				

CONTRACTOR Western well Drls OWNER same

TYPE OF JOB Surface

HOLE SIZE _____ TD _____

CASING SIZE 7" 17# DEPTH 201' 00"

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 10'

PERFS. _____

DISPLACEMENT 8.13 BBLs

CEMENT

AMOUNT ORDERED 65 sacks cum

370 lb 2 Bagel

COMMON	<u>65</u>	@ <u>12.20</u>	<u>793.00</u>
POZMIX		@	
GEL	<u>1</u>	@ <u>16.65</u>	<u>16.65</u>
CHLORIDE	<u>2</u>	@ <u>46.00</u>	<u>92.00</u>
ASC		@	

EQUIPMENT

PUMP TRUCK CEMENTER Fuzzy

102 HELPER Sam

BULK TRUCK DRIVER Mike

218 DRIVER _____

RECEIVED
KANSAS CORPORATION COMMISSION

JUL 18 2007

CONSERVATION DIVISION
WICHITA, KS

HANDLING	<u>68</u>	@ <u>1.90</u>	<u>129.30</u>
MILEAGE	<u>.095 x 2 mile</u>	@	<u>612.00</u>
TOTAL			<u>1644.05</u>

REMARKS:

Cement did circulate

Job complete @ 4:00pm CT

THANKS Fuzzy & crew

SERVICE

DEPTH OF JOB	<u>201</u>	
PUMP TRUCK CHARGE		<u>815.00</u>
EXTRA FOOTAGE	@	
MILEAGE	@	<u>NC</u>
MANIFOLD	@	

TOTAL 815.00

CHARGE TO: Western well Drls

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____

TOTAL 815.00

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Shane Laffer

PRINTED NAME

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.