

**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) 860-5800
Contractor: Name: Schaal Drilling, Co. LLC & Advanced Drilling Technologies, LLC
License: 33775 & 33532
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>10/17/06</u>	<u>10/19/06</u>	<u>11/01/06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 023-20706-0000
County: Cheyenne
 NW NE NE Sec. 15 Twp. 2 S. R. 42 East West
430 feet from S / (N) (circle one) Line of Section
980 feet from (E) / W (circle one) Line of Section

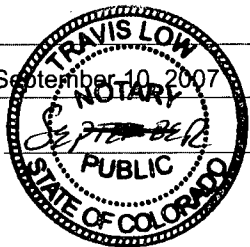
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Northrup Well #: 41-15
Field Name: Cherry Creek Niobrara Gas Area
Producing Formation: Niobrara
Elevation: Ground: 3729' Kelly Bushing: 3741'
Total Depth: 1801' Plug Back Total Depth: 1769'
Amount of Surface Pipe Set and Cemented at 9 jts @ 386' 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 A4INH 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, 2007.
Notary Public: [Signature] My Commission Expires July 5, 2008
Date Commission Expires: 7-5-2009



KCC Office Use ONLY

Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received **RECEIVED**
 Geologist Report Received **KANSAS CORPORATION COMMISSION**
 UIC Distribution **SEP 11 2007**
CONSERVATION DIVISION
WICHITA, KS

Operator Name: Petroleum Development Corporation Lease Name: Northrup Well #: 41-15
 Sec. 15 Twp. 2 S. R. 42 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 Top Datum
 Niobrara 1640'

CASING RECORD New 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 1/2"	7"	17#/ft	386'	Type I/II Portland	97	none
Production	6 1/4"	4 1/2"	10.5#/ft	1792'	Type I/II Dacotah	90	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
3	1657'-1669'	500 gal 15% HCL, 70 Quality N2 foam	1657'-1669'
		331 bbls Lightning 15# fluid system	
		96600 lbs of 12/20 mesh Brady Sand	
		4000 lbs CR4000 resin coated sand	
		308244 scf N2	

TUBING RECORD	Size <u>2-3/8"</u>	Set At <u>1699'</u>	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. <u>December 18, 2006</u>	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls. <u>0</u>	Gas Mcf <u>34</u>	Water Bbls. <u>0</u>	Gas-Oil Ratio <u>n/a</u>	Gravity
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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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 KANSAS CORPORATION COMMISSION

SEP 11 2007

SCHAAL DRILLING, CO.
PO BOX 416
BURLINGTON, CO. 80807
719-346-8032
FIELD REPORT
SURFACE CASING, DRILLING AND CEMENTING

DRILLING DATE 10-17-06

WELL NAME & LEASE # Northrup 41-15

MOVE IN, RIG UP, DIG PITS ETC. DATE 10-17-06 TIME 11:00 AM PM

SPUD TIME 11:30 AM PM SHALE DEPTH 295 TIME 2:00 AM PM

HOLE DIA. 9 1/2 FROM 0 TO 376 TD TIME 2:45 AM PM

CIRCULATE, T.O.O.H., SET 372.70 FT CASING 385.70 KB FT DEPTH

9 JOINTS 7 0D #/FT 14 15.5 17 20 23

PUMP 97 SAC CEMENT 650 GAL.DISP. CIRC. 3 BBL TO PIT

PLUG DOWN TIME 4:30 AM PM DATE 10-17-06

CEMENT LEFT IN CSG. 20 FT TYPE: PORTLAND CEMENT I/II ASTM C 150
CENTRALIZER 1 CEMENT COST \$ 1538.68

ELEVATION 3729
+12KB 3741

PIPE TALLY

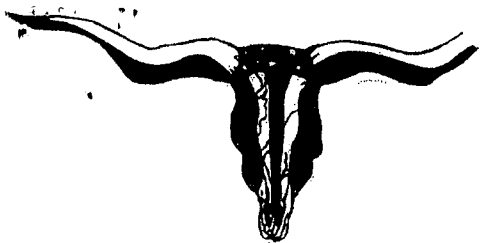
1. 40.80
2. 42.20
3. 42.30
4. 42.35
5. 42.30
6. 40.70
7. 40.35
8. 40.90
9. 40.80
- 10.
- 11.
- 12.
- 13.
- 14.
- 15.

TOTAL 372.70

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CONSERVATION DIVISION
WICHITA, KS



A DIVISION OF ADVANCED DRILLING TECHNOLOGIES, LLC.

LONGHORN CEMENTING CO.

P.O. BOX 203 YUMA, COLORADO 80759
 Phone: 970-848-0799 Fax: 970-848-0798

**FIELD SERVICE TICKET
AND INVOICE**

DATE 10-19-06 TICKET NO. 0860

DATE OF JOB	DISTRICT	NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:	
CUSTOMER <u>PDL</u>		LEASE <u>Northrup 41-15</u>					WELL NO.	
ADDRESS		COUNTY	STATE					
CITY	STATE	SERVICE CREW <u>MIKE VAN-Jorge</u>						
AUTHORIZED BY		EQUIPMENT						
TYPE JOB: <u>Longstray</u>	DEPTH FT.	CEMENT DATA: BULK <input type="checkbox"/>	SAND DATA: SACKS <input type="checkbox"/>		TRUCK CALLED			DATE AM TIME
SIZE HOLE: <u>6 1/8</u>	DEPTH FT.	SACKS <u>90</u>	BRAND <u>A</u>	TYPE <u>F-11</u>	% GEL	ADMIXES	ARRIVED AT JOB	AM PM
SIZE & WT. CASTING <u>4 1/2</u>	DEPTH FT.						START OPERATION	AM PM
SIZE & WT. D PIPE OR TUBING	DEPTH FT.						FINISH OPERATION	AM PM
TOP PLUGS	TYPE:	WEIGHT OF SLURRY: <u>15.4</u> LBS. / GAL.		SACKS / GAL.			RELEASED	AM PM
		VOLUME OF SLURRY <u>1.25 cu ft / SK</u>					MILES FROM STATION TO WELL	
<u>PS01176</u>	MAX DEPTH FT.	<u>90</u>	SACKS CEMENT TREATED WITH <u>2</u> % OF CALCIUM					
		MAX PRESSURE	PS.I.					

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only these terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without written consent or an officer of Advanced Drilling Technologies, LLC.

SIGNED: _____
 (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM / PRICE REF. NUMBER	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
<u>001-a</u>	<u>Depth charge - Cement - Mileage</u> <u>As per Contract</u>				<u>42.00</u>
<u>300-2</u>					
<u>300-4</u>					
<u>300-6</u>					
<u>300-8</u>					
<u>300-12</u>	<u>7" Centralizers</u>	<u>1</u>			<u>36</u> <u>44</u>
<u>400-2</u>	<u>CLAYSTA</u>	<u>25 gal</u>			<u>118</u> <u>12</u>
<u>400-4</u>	<u>KLL</u>	<u>150 lb</u>			<u>60</u> <u>45</u>
					<u>4415</u> <u>01</u>
<u>1900</u>	<u>FRESHWATER 10.2</u>				
<u>1905</u>	<u>Cement 20.2</u>				
<u>1915</u>	<u>Displacement 28.2</u>				
<u>1930</u>	<u>Bump plug @ 2000</u>				

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 CONSERVATION DIVISION
 WICHITA, KS

ACID DATA:		
GALLONS	%	ADDITIVES
HCL		
HCL		

SUB TOTAL	
SERVICE & EQUIPMENT	% TAX ON \$
MATERIALS	% TAX ON \$
TOTAL	

SERVICE REPRESENTATIVE: [Signature]
 THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]
 (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)