

**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     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>02/22/2008</u>	<u>02/26/2008</u>	<u>05/01/2008</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 023-20826-0000  
 County: Cheyenne  
SW - SW - NE Sec. 34 Twp. 3 S. R. 42  East  West  
2310 feet from S / **N** (circle one) Line of Section  
2200 feet from **E** / W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) **NE** SE NW SW  
 Lease Name: Rueb Farm Well #: 32-34  
 Field Name: Cherry Creek Niobrara Gas Area  
 Producing Formation: Niobrara  
 Elevation: Ground: 3720' Kelly Bushing: 3732'  
 Total Depth: 1715' Plug Back Total Depth: 1671'  
 Amount of Surface Pipe Set and Cemented at 8 joints @ 345 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/ \_\_\_\_\_ <sup>sq cm</sup>

**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.: \_\_\_\_\_

*Alt 1 - Dlg - 4/6/09*

**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: August 06, 2008  
 Subscribed and sworn to before me this 6 day of August,  
 2008.  
 Notary Public: [Signature]  
 Date Commission Expires: \_\_\_\_\_

**SARAH M GARRETT**  
 Notary Public  
 State of Colorado  
 My Commission Expires August 11, 2010

**KCC Office Use ONLY**

Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received **RECEIVED**  
 Geologist Report Received **KANSAS CORPORATION COMMISSION**  
 UIC Distribution **MAR 26 2009**  
**CONSERVATION DIVISION**  
**WICHITA, KS**

Operator Name: Petroleum Development Corporation Lease Name: Rueb Farm Well #: 32-34  
 Sec. 34 Twp. 3 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets)  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 (Submit Copy)  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 1522'  <div style="text-align: center;"> <b>RECEIVED</b>  <b>KANSAS CORPORATION COMMISSION</b>   <b>MAR 26 2009</b>   <b>CONSERVATION DIVISION</b>  <b>WICHITA, KS</b> </div>
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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	11"	7"	17#/ft	345'	Type I/II cement	100	
Production	6 1/8"	4 1/2	10.5#/ft	1695'	Type I/II cement	75	2% KCL

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	1540-1554'	500 gal 7.5% HCL, 70 quality N2 foam	1540-1554'
		86 bbls Mav-100 25# pad, 243 bbls fluid system	
		with 96200 lbs of 16/30 mesh Daniels Sand,	
		3800 lbs of Ceramax 16/30 resin coated sand	
		345 MSCF N2	

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2 3/8"	1597'			
Date of First, Resumerd Production, SWD or Enhr.			Producing Method			
June 11, 2008			<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	112	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 \_\_\_\_\_

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

DRILLING DATE 2-22-08

WELL NAME & LEASE # Rueb Farm 32-34

MOVE IN, RIG UP, DIG PITS ETC. DATE 2-22-08 TIME 12:00 AM PM

SPUD TIME 12:30 AM PM SHALE DEPTH 260 TIME 2:15 AM PM

HOLE DIA. 11 FROM 0 TO 337 TD TIME 3:00 AM PM

CIRCULATE, T.O.O.H., SET 331.68 FT CASING 344.68 KB FT DEPTH

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

PUMP 100 SAC CEMENT 526 GAL.DISP. CIRC. 9 BBL TO PIT

PLUG DOWN TIME 5:00 AM PM DATE 2-22-08

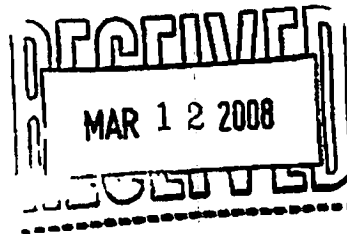
CEMENT LEFT IN CSG. 30 FT  
CENTRALIZER 1

TYPE: PORTLAND CEMENT I/II ASTM C 150  
CEMENT COST \$ 1937.03

ELEVATION 3720  
+12KB 3732

PIPE TALLY

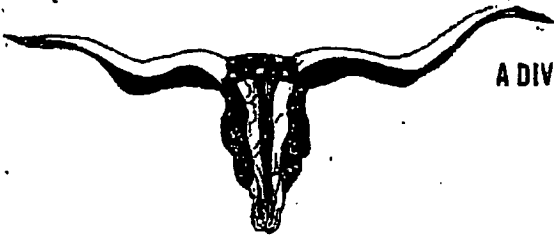
1. 43.27
  2. 42.25
  3. 40.55
  4. 42.28
  5. 38.82
  6. 43.43
  7. 38.81
  8. 42.27
  - 9.
  - 10.
  - 11.
  - 12.
  - 13.
  - 14.
  - 15.
  - 16.
- TOTAL 331.68



RECEIVED  
KANSAS CORPORATION COMMISSION

MAR 26 2009

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: 970-848-0799

FIELD SERVICE TICKET  
AND INVOICE

DATE 02/26/09 TICKET NO. 1469

DATE OF JOB <u>02/26/09</u>	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>PDC</u>	LEASE <u>Prop. 12 Poles 32-34</u>	WELL NO.					
ADDRESS	COUNTY <u>Yuma</u>	STATE					
CITY	STATE	SERVICE CREW <u>Jorge Mike</u>					
AUTHORIZED BY	EQUIPMENT <u>112</u>						
TYPE JOB: <u>L/S</u>	DEPTH FT.	CEMENT DATA: BULK <input type="checkbox"/>	SAND DATA: SACKS <input type="checkbox"/>			TRUCK CALLED	DATE AM PM
		SACKS	BRAND	TYPE	% GEL	ADMIXES	ARRIVED AT JOB
SIZE HOLE: <u>6 7/8</u>	DEPTH FT.	<u>75</u>	<u>A</u>	<u>I II</u>			START OPERATION
SIZE & WT. CASTING <u>4 1/2</u>	DEPTH FT.						FINISH OPERATION
SIZE & WT. D PIPE OR TUBING	DEPTH FT.						RELEASED
TOP PLUGS	TYPE:	WEIGHT OF SLURRY: <u>15</u>	LBS. / GAL.	LBS. / GAL.			MILES FROM STATION TO WELL
<u>629</u>		VOLUME OF SLURRY <u>1.25 CU FT</u>					
<u>DRTD</u>	MAX DEPTH <u>1514</u>	FT.	MAX PRESSURE	PSI			

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
001-2	Depth Charges Millage Cement				4300 00
300-12	T. Centralizer		1		36 44
400-2	Calcium Chloride		1 50 LBS		50 00
400-4	KCL		4 50 LBS		80 68
					4467 04
2150	Pump. 20 BRLS Fluch.				
2255	Prop. 17.5 BRLS Cement @ .15 PPE				
2205	Pump 26.6 BRLS DIP				
2215	Pump plug @ 2000 PSE				

ACID DATA:		
GALLONS	%	ADDITIVES
HCL		
HCL		

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

SERVICE REPRESENTATIVE Jorge Mike  
FIELD SERVICE ORDER NO.

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY Sam K. Walker  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)