

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: 1775 Sherman Street, Suite 3000
City/State/Zip: Denver, CO 80203
Purchaser: Riley Natural Gas Company
Operator Contact Person: Larry Robbins
Phone: (303) 860-5800
Contractor: Name: Schaaf 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>08/14/2008</u>	<u>08/30/2008</u>	<u>12/02/2008</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 023-21095-0000

County: Cheyenne

NE NE NW Sec. 34 Twp. 3 S. R. 42 East West

330 feet from S / (circle one) Line of Section

2160 feet from E / (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE (NW) SW

Lease Name: Rice Well #: 21-34

Field Name: Cherry Creek Niobrara Gas Area

Producing Formation: Niobrara

Elevation: Ground: 3703' Kelly Bushing: 3715'

Total Depth: 1711' Plug Back Total Depth: 1667'

Amount of Surface Pipe Set and Cemented at 8 joints @ 347 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 Air I nur 5-14-09
(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.

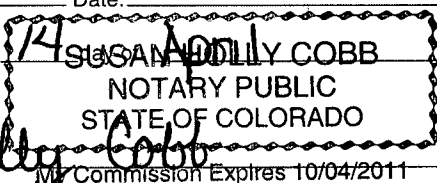
Signature: Jerry [Signature]

Title: Regulatory Agent Date: April 14, 2009

Subscribed and sworn to before me this 14 day of April, 2009.

Notary Public: Susan Adolly Cobb
My Commission Expires 10/04/2011

Date Commission Expires: 10/04/2011



KCC Office Use ONLY

Letter of Confidentiality Received
If Denied, Yes Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

RECEIVED
APR 20 2009

KCC WICHITA

Operator Name: Petroleum Development Corporation Lease Name: Rice Well #: 21-34
 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: DIL/CDL/CNL/GR and GR/VDL/CBL	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Niobrara 1498' <div style="text-align: center;"> RECEIVED APR 20 2009 KCC WICHITA </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#	347'	Type I/II cement	90	
Production	6 1/8"	4 1/2"	10.5#	1690'	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	1508'-1522'	500 gal 7.5% HCL, 70 quality N2 foam	1508'-1522'
		87 bbls Mav-100 25# pad, 247 bbls fluid system,	
		96220 lbs of 16/30 mesh Daniels Sand,	
		3800 lbs of Ceramax 16/30 resin coated sand	
		292 MSCF N2	

TUBING RECORD	Size Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. December 10, 2008		Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls. 0	Gas Mcf 69	Water Bbls. 0 Gas-Oil Ratio N/A Gravity

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) _____

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

DRILLING DATE 8-14-08

WELL NAME & LEASE # Rice 21-34

MOVE IN, RIG UP, DIG PITS ETC. DATE 8-13-08 TIME 4:30 AM PM

SPUD TIME 6:30 AM PM SHALE DEPTH 240 TIME 9:00 AM PM

HOLE DIA. 11 FROM 0 TO 339 TD TIME 10:15 AM PM

CIRCULATE, T.O.O.H., SET 334.13 FT CASING 347.13 KB FT DEPTH

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

PUMP 90 SAC CEMENT 548 GAL DISP. CIRC. 7 BBL TO PIT

PLUG DOWN TIME 12:00 AM PM DATE 8-14-08

CEMENT LEFT IN CSG. 20 FT
CENTRALIZER 1

TYPE: PORTLAND CEMENT I/II ASTM C 150
CEMENT COST \$ 1753.28

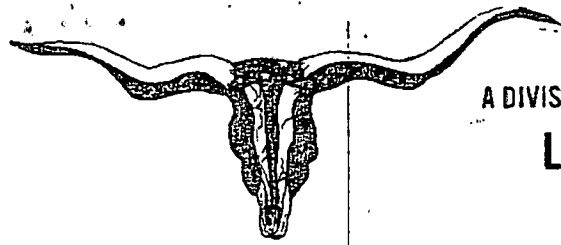
ELEVATION 3703
+12KB 3715

PIPE TALLY

1. 42.20
2. 43.79
3. 43.90
4. 38.79
5. 43.02
6. 43.57
7. 38.21
8. 40.65
- 9.
- 10.
- 11.
- 12.
- 13.
- 14.

TOTAL 334.13

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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 08-30-09 TICKET NO. 1616

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>PDC</u>		LEASE <u>Rice 21-34</u>					WELL NO.
ADDRESS		COUNTY			STATE		
CITY		SERVICE CREW <u>MILE - Serge</u>			EQUIPMENT <u>UNIT #112</u>		
AUTHORIZED BY		TRUCK CALLED			DATE	AM	TIME
TYPE JOB: <u>Logging</u>	DEPTH FT.	CEMENT DATA: BULK <input type="checkbox"/>	SAND DATA: SACKS <input type="checkbox"/>		ARRIVED AT JOB		
		SACKS	BRAND	TYPE	% GEL	ADMIXES	AM
SIZE HOLE: <u>6 1/4</u>	DEPTH FT.	<u>75</u>	<u>A</u>	<u>1-11</u>			PM
SIZE & WT. CASTING <u>4 1/2</u>	DEPTH FT.						START OPERATION
SIZE & WT. D PIPE OR TUBING	DEPTH FT.						AM
TOP PLUGS	TYPE	WEIGHT OF SLURRY: <u>15.4</u>	LBS. / GAL.	LBS. / GAL.			PM
		VOLUME OF SLURRY <u>125</u>	SACKS CEMENT TREATED WITH <u>2</u> % OF <u>Calc. Ca</u>				RELEASED
<u>PBD 1676, 22</u>	MAX DEPTH FT.	MAX PRESSURE	PS.I.	MILES FROM STATION TO WELL			

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>001-2</u>	<u>Depth Charge - Cement - Mileage</u> <u>As per Contract</u>				<u>4200</u>
<u>300-12</u>	<u>7" Centralizer</u>		<u>3</u>		<u>36</u>
<u>400-2</u>	<u>Calcium pellets</u>		<u>5018</u>		<u>50</u>
<u>400-4</u>	<u>KCL</u>		<u>20018</u>		<u>80</u>
					<u>4,367.04</u>
	<u>KCL WATER 20 BRls</u>				
	<u>Cement 17.6</u>				
	<u>Displacement 26.7</u>				
	<u>Bump plug @ 2000 psi</u>				
SUB TOTAL					
ACID DATA:		SERVICE & EQUIPMENT	%TAX ON \$		
	GALLONS	%	ADDITIVES		
HCL					
HCL					
MATERIALS					%TAX ON \$
TOTAL					<u>4,367.04</u>

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	GALLONS	%	ADDITIVES
HCL			
HCL			

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

SERVICE REPRESENTATIVE [Signature]

FIELD SERVICE ORDER NO.

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY [Signature]

(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)