

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: 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>04/19/2007</u>	<u>04/20/2007</u>	<u>05/10/2007</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 023-20716-0000
County: Cheyenne
NE SE NE Sec. 18 Twp. 2 S. R. 41 East West
1920 feet from S / N (circle one) Line of Section
650 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) N SE NW SW
Lease Name: Gemaehlich Well #: 42-18
Field Name: Cherry Creek Niobrara Gas Area
Producing Formation: Niobrara
Elevation: Ground: 3601' Kelly Bushing: 3613'
Total Depth: 1727' Plug Back Total Depth: 1684'
Amount of Surface Pipe Set and Cemented at 7 joints @ 292 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 A14 I NCR 1-16-09
(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: [Signature]
Title: Regulatory Agent Date: October 31, 2007
Subscribed and sworn to before me this 31 day of October, 2007.

Notary Public: [Signature]
Date Commission Expires: 8/11/09
SARAH M GARRETT
Notary Public
State of Colorado

My Commission Expires August 11, 2009

KCC Office Use ONLY

Letter of Confidentiality Received
 If Denied, Yes Date _____

Wireline Log Received

Geologist Report Received

UIC Distribution

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CONSERVATION DIVISION
WICHITA, KS

Operator Name: Petroleum Development Corporation Lease Name: Gemaehlich Well #: 42-18
 Sec. 18 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 Top Datum
 Niobrara 1510'

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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	9 1/2"	7"	17#/ft	292'	Type I/II cement	80	
Production	6 1/4"	4 1/2	10.5#/ft	1708'	Type I/II cement	75	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ 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	1530-1542'	500 gal 15% HCL, 70 Quality N2 foam, 326 bbls of Lightning 15# fluid system, 96120 lbs of 12/20 mesh Ottawa Sand, 4000 lbs CR4000 resin coated sand and 335 scf N2	1530-1542'

TUBING RECORD	Size <u>2 3/8"</u>	Set At <u>1555'</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>August 30, 2007</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>26</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 _____

*Spaced to Brondi
Jeff & Nathan*

4-19-07 1:50 P.M.

**SCHAAL DRILLING, CO.
PO BOX 416
BURLINGTON, CO. 80807
719-346-8032**

*Luis
PDC*

**FIELD REPORT
SURFACE CASING, DRILLING AND CEMENTING**

DRILLING DATE 4-19-07 42-18
WELL NAME & LEASE# Hornachlich 4215
MOVE IN, RIG UP, DIG PITS ETC. DATE 4-18-07 TIME 12:00 AM PM (M)
SPUD TIME 7:30 AM PM SHALE DEPTH 190 TIME 8:30 AM PM (M)
HOLE DIA. 9 1/2 FROM 0 TO 285 TD, TIME 9:00 AM PM
CIRCULATE, T.O.O.H, SET 279.40 FT CASING 292.40 KB FT DEPTH
7 JOINTS 7 OD #/FT 14 15.5 (17) 20 23
PUMP 80 SAC CEMENT 436 GAL DISP. CIRC. 3 BBL TO PIT
PLUG DOWN TIME 10:30 AM PM DATE 4-19-07

CEMENT LEFT IN CSG. 30 TYPE : PORTLAND CEMENT VII ASTM C 150
CENTRALIZER 1 CEMENT COST \$ 1309.06

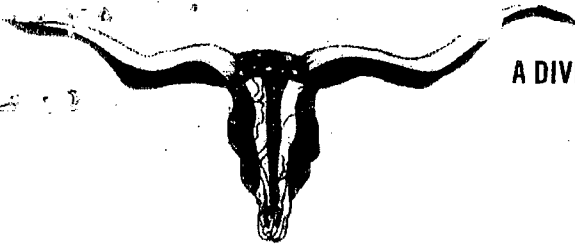
ELEVATION 3801 ELEC. _____ TRUCKS _____
+12KB 3813 NITES _____
WATER _____
Schlepp PAY TO _____

PIPE TALLY

- 1. 39.90
- 2. 41.20
- 3. 35.60
- 4. 40.10
- 5. 40.90
- 6. 40.70
- 7. 41.00
- 8. _____
- 9. 279.40
- 10. _____
- 11. _____
- 12. _____
- 13. _____
- 14. _____

*Corrected
Copy*

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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 4/20/2007 TICKET NO. 1064

DATE OF JOB: <u>4/20</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>GEMATHLICH 42-18</u>	WELL NO.:					
ADDRESS	COUNTY	STATE					
CITY	STATE	SERVICE CREW: <u>VAN</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 TIME
SIZE HOLE: <u>6 1/8</u>	DEPTH FT.	SACKS	BRAND	TYPE	% GEL	ADMIXES	ARRIVED AT JOB
SIZE & WT. CASTING <u>NEW USED</u>	DEPTH FT.						START OPERATION
SIZE & WT. D PIPE OR TUBING	DEPTH FT.						FINISH OPERATION
TOP PLUGS	TYPE:	WEIGHT OF SLURRY: <u>15</u>	LBS./GAL.	LBS./GAL.	RELEASED		
		VOLUME OF SLURRY	MILES FROM STATION TO WELL				
		<u>75</u> SACKS CEMENT TREATED WITH <u>2</u> % OF <u>KCL</u>					
MAX DEPTH: <u>1775</u> FT.	MAX PRESSURE	P.S.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
001-2	DEPTH CHARGE, MISCAGE, CEMENT		1		4300.00
200-12	7" CENTRALIZER		1		36.48
400-2	CALCIUM CHLORIDE		1		50.00
400-4	KCL		3		60.48
					4446.84
1010	20 BCLS FLUG M				
1020	17 BCLS cement @ 15 PPG				
1030	27.0 BCLS DISPLACEMENT				
1040	BDM? PLUG @ 2000 PSI				

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ACID DATA:			
	GALLONS	%	ADDITIVES
HCL			
HCL			

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

SERVICE REPRESENTATIVE: Van Welch THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: Don K. Wallace
FIELD SERVICE ORDER NO. (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)