

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

ORIGINAL

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>4/17/2007</u>	<u>4/19/2007</u>	<u>5/29/2007</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 023-20714-0000
County: Cheyenne
 NW SW SE Sec. 18 Twp. 2 S. R. 41 East West
990 feet from 5 / N (circle one) Line of Section
2285 feet from Q / W (circle one) Line of Section

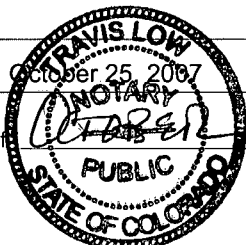
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE 5 NW SW
Lease Name: Gemaehlich Well #: 34-18
Field Name: Cherry Creek Niobrara Gas Area
Producing Formation: Niobrara
Elevation: Ground: 3629' Kelly Bushing: 3641'
Total Depth: 1725' Plug Back Total Depth: 1705'
Amount of Surface Pipe Set and Cemented at 8 joints @ 338 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 AH 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 25, 2007
Subscribed and sworn to before me this 25th day of October
07
Notary Public: [Signature]
Date Commission Expires: 7-5-09 My Commission Expires July 5, 2009



KCC Office Use ONLY

Letter of Confidentiality Received
 If Denied, Yes Date: _____ **RECEIVED**
 Wireline Log Received
 Geologist Report Received **NOV 02 2007**
 UIC Distribution
CONSERVATION DIVISION
WICHITA, KS

Operator Name: Petroleum Development Corporation Lease Name: Gemaehlich Well #: 34-18
 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" 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 <i>(Submit Copy)</i> List All E. Logs Run:	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Niobrara 1543' <div style="text-align: center;"> RECEIVED KANSAS CORPORATION COMMISSION NOV 02 2007 CONSERVATION DIVISION WICHITA, KS </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	9 1/2"	7"	17#/ft	338'	Type I/II cement	90	
Production	6 1/4"	4 1/2"	10.5 #/ft	1723'	Type I/II	75	

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	1560'-1572'	500 gal 15% HCL, 60 Quality CO2 foam, 209 bbls Mav3 GuarGel fluid system, 30000 lbs of 16/30 mesh Unimin/Badger Sand	1560'-1572'

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2 3/8"	1599'			
Date of First, Resumerd Production, SWD or Enhr. August 30, 2007			Producing Method <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	39	0	N/A		

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	

SCHAAL DRILLING, CO.
PO BOX 416
BURLINGTON, CO. 80807
719-346-8832

Luis
PDC

FIELD REPORT
SURFACE CASING, DRILLING AND CEMENTING

DRILLING DATE 4-17-07

WELL NAME & LEASE# Hemaehlich 34-18

MOVE IN, RIG UP, DIG PITS ETC. DATE 4-17-07 TIME 11:30 AM PM

SPUD TIME 11:00 AM PM SHALE DEPTH 215 TIME 12:00 AM PM

HOLE DIA. 9 1/2" FROM 0 TO 330 ID, TIME 1:00 AM PM

CIRCULATE, T.O.O.H, SET 325.07 FT CASING 338.07 KB FT DEPTH

8 JOINTS 7" OD #/FT 14 15.5 17 20 23

PUMP 90 SAC CEMENT 515 GAL DISP. CIRC. 4 BBL TO PIT

PLUG DOWN TIME 3:15 AM PM DATE 4-17-07

CEMENT LEFT IN CSG. 30
CENTRALIZER 1

TYPE: PORTLAND CEMENT VII ASTM C 150
CEMENT COST \$ 1459.28

ELEVATION 3629
+12KB 3641

ELEC. _____ TRUCKS _____
_____ NITES _____
_____ WATER _____
Schlopp PAY TO _____

PIPE TALLY

- 1. 40.80
- 2. 40.95
- 3. 40.90
- 4. 41.10
- 5. 40.47
- 6. 40.85
- 7. 40.70
- 8. 39.30
- 9. _____
- 10. 325.07
- 11. _____
- 12. _____
- 13. _____
- 14. _____

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KANSAS CORPORATION COMMISSION
NOV 02 2007
CONSERVATION DIVISION
WICHITA, KS

