

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>10/18/06</u>	<u>10/20/06</u>	<u>11/01/06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 023-20736-0000
County: Cheyenne
SW NE NW Sec. 15 Twp. 2 S. R. 42 East West
1253 feet from S / (circle one) Line of Section
1659 feet from E / (circle one) Line of Section

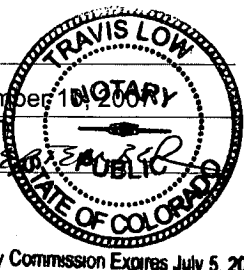
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Hilt Well #: 21-15
Field Name: Cherry Creek Niobrara Gas Area
Producing Formation: Niobrara
Elevation: Ground: 3749' Kelly Bushing: 3761'
Total Depth: 1800' Plug Back Total Depth: 1769'
Amount of Surface Pipe Set and Cemented at 9 jts @ 380' 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 API NH 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
20 07.
Notary Public: [Signature]
Date Commission Expires: 7-5-09



KCC Office Use ONLY

Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

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SEP 11 2007

Operator Name: Petroleum Development Corporation Lease Name: Hilt Well #: 21-15
 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 1668'

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	380'	Type I/II Portland	95	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	1671'-1679'	500 gal 15% HCL, 70 Quality N2 foam	1671'-1679'
		278 bbls Lightning 15# fluid system	
		71636 lbs of 12/20 mesh Brady Sand	
		4000 lbs CR4000 resin coated sand,	
		216000 scf N2	

TUBING RECORD	Size <u>2-3/8"</u>	Set At <u>1718'</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>19</u>	Water Bbls. <u>0</u>	Gas-Oil Ratio <u>n/a</u>	Gravity
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Disposition of Gas METHOD OF COMPLETION Production Interval **RECEIVED** KANSAS CORPORATION COMMISSION

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, Submit ACO-18.) Other (Specify) _____

SEP 11 2007

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

DRILLING DATE 10-18-06

WELL NAME & LEASE # Hilt 21-15

MOVE IN, RIG UP, DIG PITS ETC. DATE 10-17-06 TIME 4:30 AM PM

SPUD TIME 9:00 AM PM SHALE DEPTH 295 TIME 11:45 AM PM

HOLE DIA. 9 1/2 FROM 0 TO 371 TD TIME 1:00 AM PM

CIRCULATE, T.O.O.H., SET 367.15 FT CASING 380.15 KB FT DEPTH

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

PUMP 95 SAC CEMENT 605 GAL.DISP. CIRC. 3 BBL TO PIT

PLUG DOWN TIME 2:30 AM PM DATE 10-18-06

CEMENT LEFT IN CSG. 20 FT
CENTRALIZER 1

TYPE: PORTLAND CEMENT I/II ASTM C 150
CEMENT COST \$ 1457.13

ELEVATION 3746
+12KB 3758

PIPE TALLY

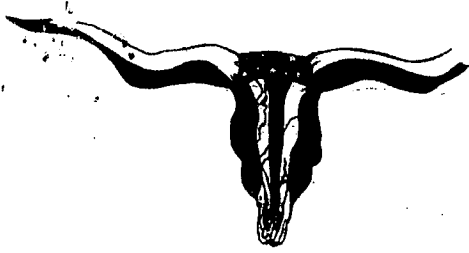
1. 40.65
2. 40.85
3. 40.80
4. 40.85
5. 40.85
6. 40.70
7. 40.85
8. 40.80
9. 40.80
- 10.
- 11.
- 12.
- 13.
- 14.
- 15.

TOTAL 367.15

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CONSERVATION DIVISION
WCSM/MS



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

0861

DATE 10-20-06 TICKET NO.

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>Hilt 21*15</u>				WELL NO.	
ADDRESS		COUNTY	STATE				
CITY	STATE	SERVICE CREW <u>MIKE-DAN-Jorge</u>			EQUIPMENT		
AUTHORIZED BY		TYPE JOB: <u>Logging</u>					
DEPTH FT.	CEMENT DATA: BULK <input type="checkbox"/>	SAND DATA: SACKS <input type="checkbox"/>		TRUCK CALLED			
DATE	AM	PM	DATE				
TIME	ARRIVED AT JOB						
START OPERATION							
FINISH OPERATION							
RELEASED							
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
001-2	Depth Charge - Cement - Mileage As per Contract				4200
300-12	7" Centralizers	4			36
400-2	CLAYSTA	2-5gal			118
400-4	KCC	150			60
					<u>4415.01</u>
800	FRESHWATER 10.1				
805	Cement 20.5				
815	Displacement 28.2				
830	Bump plug @ 200				

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SEP 11 2007
CONSERVATION DIVISION
WICHITA, KS

CID DATA:		
GALLONS	%	ADDITIVES
CL		
CL		

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

SERVICE REPRESENTATIVE [Signature] THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]
 FIELD SERVICE ORDER NO. _____ (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)