

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

1/27/09

Operator: License # 33325
Name: Petroleum Development Corporation
Address: 1775 Sherman Street, Suite 3000
City/State/Zip: Denver, CO 80203
Purchaser: Priority Oil & Gas
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

RECEIVED
KANSAS CORPORATION COMMISSION
JAN 27 2009
CONSERVATION DIVISION
WICHITA, KS

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>02/09/2008</u>	<u>02/11/2008</u>	<u>03/13/2008</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 023-20939-0000
County: Cheyenne
W2 - NW - SE Sec. 20 Twp. 5 S. R. 40 East West
2000 feet from (S) / N (circle one) Line of Section
2300 feet from (E) / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Cram Well #: 33-20
Field Name: Cherry Creek Niobrara Gas Area
Producing Formation: Niobrara
Elevation: Ground: 3682' Kelly Bushing: 3694'
Total Depth: 1666' Plug Back Total Depth: 1614'
Amount of Surface Pipe Set and Cemented at 10 joints @ 404 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
(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.: _____

API - Dlg - 3/26/09

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: January 23, 2009
Subscribed and sworn to before me this 26th day of January, 2009.
Notary Public: [Signature]
Date Commission Expires: _____
My Commission Expires 10/12/2010

GARRIE EGGLESTON
NOTARY PUBLIC
STATE OF COLORADO

KCC Office Use ONLY

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

Operator Name: Petroleum Development Corporation Lease Name: Cram Well #: 33-20
 Sec. 20 Twp. 5 S. R. 40 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 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 <i>(Submit Copy)</i> List All E. Logs Run: CDL, CNL, Dual Induction, CBL	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Niobrara 1448' <div style="text-align: center;"> RECEIVED KANSAS CORPORATION COMMISSION JAN 27 2009 CONSERVATION DIVISION WICHITA, KS </div>
---	--

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#	404'	Type I/II	115	
Production	6 1/8"	4 1/2"	10.5 #	1641'	Type I/II	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 <i>(Amount and Kind of Material Used)</i>	Depth
2	1466'-1478'	500 gal 15% HCL, 70 Quality N2 foam,	1466'-1478'
		380 bbls Lightning 15# fluid system,	
		96340 lbs of Ottawa 12/20 mesh sand	
		4000 lbs of SB Excel 12/20 resin coated sand	
		301 MSCF N2	

TUBING RECORD	Size 2 3/8"	Set At 1500'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
---------------	----------------	-----------------	-----------	---

Date of First, Resumerd Production, SWD or Enhr. 09/23/2008	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. 0	Gas Mcf 52	Water Bbls. 30	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

RECEIVED
KANSAS CORPORATION COMMISSION

JAN 27 2009

CONSERVATION DIVISION
WICHITA, KS

DRILLING DATE 2-09-08

WELL NAME & LEASE # Cram 33-20

MOVE IN, RIG UP, DIG PITS ETC. DATE 2-08-08 TIME 1:30 AM PM

SPUD TIME 8:30 AM PM SHALE DEPTH 335 TIME 12:15 AM PM

HOLE DIA. 11 FROM 0 TO 396 TD TIME 1:00 AM PM

CIRCULATE, T.O.O.H., SET 391.08 FT CASING 404.08 KB FT DEPTH

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

PUMP 115 SAC CEMENT 630 GAL.DISP. CIRC. 5 BBL TO PIT

PLUG DOWN TIME 2:45 AM PM DATE 2-09-08

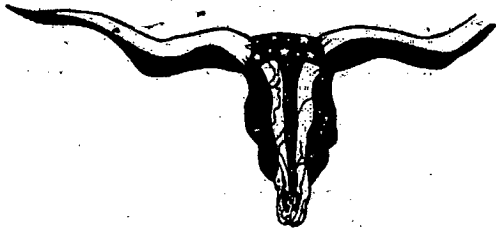
CEMENT LEFT IN CSG. 30 FT
CENTRALIZER 1

TYPE: PORTLAND CEMENT I/II ASTM C 150
CEMENT COST \$ 2210.65

ELEVATION 3682
+12KB 3694

PIPE TALLY

1. 39.13
2. 38.24
3. 39.14
4. 39.05
5. 39.08
6. 39.12
7. 39.26
8. 39.13
9. 39.76
10. 39.17
11.
12.
13.
14.
15.
16.
TOTAL 391.08



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 2-12-06 TICKET NO. 1452

DATE OF JOB: <u>2-12-06</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>Crain</u>	WELL NO. <u>33-20</u>					
ADDRESS	COUNTY	STATE					
CITY	STATE	SERVICE CREW: <u>Davis + Dorman</u>					
AUTHORIZED BY	EQUIPMENT: <u>112</u>						
TYPE JOB: <u>Logging</u>	DEPTH	FT.	CEMENT DATA: BULK <input type="checkbox"/>		SAND DATA: SACKS <input type="checkbox"/>		TRUCK CALLED
			SACKS	BRAND	TYPE	% GEL	ADMIXES
SIZE HOLE:	DEPTH	FT.	<u>75</u>	<u>A</u>	<u>T-II</u>		
SIZE & WT. CASTING <small>NEW OR USED</small>	DEPTH	FT.					
SIZE & WT. D PIPE OR TUBING	DEPTH	FT.					
TOP PLUGS	TYPE	WEIGHT OF SLURRY: <u>15</u> LBS./GAL.		LBS./GAL.			
		VOLUME OF SLURRY					
		<u>75</u> SACKS CEMENT TREATED WITH <u>2</u> % OF <u>Kel</u>					
<u>HRTD</u> MAX DEPTH: <u>1625</u> FT.	MAX PRESSURE		P.S.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>201-2</u>	<u>Depth Change cement m/leng.</u> <u>As per contract</u>				<u>4300</u> <u>00</u>
<u>300-12</u>	<u>7" Centralizer</u>		<u>1</u>		<u>36</u> <u>74</u>
<u>400-2</u>	<u>Calcium</u>		<u>50</u> <u>lb</u>		<u>50</u> <u>00</u>
<u>400-4</u>	<u>KCl</u>		<u>100</u> <u>lb</u>		<u>40</u> <u>30</u>
					<u>4426</u> <u>74</u>
<u>0110</u>	<u>Flush</u>	<u>20</u>			
<u>0120</u>	<u>Cement</u>	<u>16</u>			
<u>0130</u>	<u>Displacement</u>	<u>25.8</u>			
<u>0140</u>	<u>Build up Plug @ 1500 psi</u>				

RECEIVED
KANSAS CORPORATION COMMISSION
JAN 27 2009
COMMISSION DIVISION
WICHITA, KS

SUB TOTAL

ACID DATA:			
	GALLONS	%	ADDITIVES
HCL			
HCL			

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

THANK YOU

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