

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: N/A
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 SIOW 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>02/11/2008</u>	<u>02/12/2008</u>	<u>03/10/2008</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 023-20879-0000
County: Cheyenne
C SW NW Sec. 15 Twp. 3 S. R. 40 East West
1980 feet from S (circle one) Line of Section
660 feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Bahn-Maier Well #: 12-15
Field Name: Cherry Creek Niobrara Gas Area

Producing Formation: Niobrara
Elevation: Ground: 3266' Kelly Bushing: 3278'
Total Depth: 1331' Plug Back Total Depth: 1282'
Amount of Surface Pipe Set and Cemented at 6 joints @ 248 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.: _____

Alt 1 - Dlg - 7/11/08

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: June 25, 2008
Subscribed and sworn to before me this 25th day of JUNE
20 08
Notary Public: [Signature]
Date Commission Expires: 7.5.09

TRAVIS LOW
NOTARY PUBLIC
STATE OF COLORADO
KCC Office Use ONLY
Letter of Confidentiality Received
If Denied, Yes Date: _____
Well Log Received
Geologist Report Received
UIC Distribution
My Commission Expires July 5, 2009
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CONSERVATION DIVISION
WICHITA, KS

Operator Name: Petroleum Development Corporation Lease Name: Bahn-Maier Well #: 12-15
 Sec. 15 Twp. 3 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 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:

CDL, CNL, Dual Induction, CBL

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
 Niobrara 1134'

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 WICHITA, KS

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#/ft	248'	Type I/II	70	
Production	6 1/8"	4 1/2"	10.5 #/ft	1325'	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 (Amount and Kind of Material Used)	Depth
2	1152'-1164'	500 gal 15% HCL, 70 Quality N2 foam,	1152'-1164'
		298 bbls Lightning 15# fluid system,	
		89604 lbs of Ottawa 12/20 mesh sand	
		5094 lbs of SB Excel 12/20 resin coated sand	
		275 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. Production Pending Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas Vented Sold Used on Lease (If vented, Submit ACO-18.) METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify)

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

DRILLING DATE 2-11-08

WELL NAME & LEASE # Bahn/Maier 12-15

MOVE IN, RIG UP, DIG PITS ETC. DATE 2-09-08 TIME 3:00 AM PM

SPUD TIME 8:00 AM PM SHALE DEPTH 30 TIME 8:15 AM PM

HOLE DIA. 11 FROM 0 TO 240 TD TIME 12:00 AM PM

CIRCULATE, T.O.O.H., SET 234.55 FT CASING 247.55 KB FT DEPTH

6 JOINTS 7 OD #/FT 14 15.5 17 20 23

PUMP 70 SAC CEMENT 357 GAL.DISP. CIRC. 1 BBL TO PIT

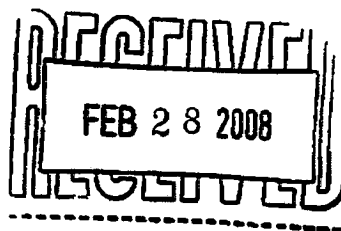
PLUG DOWN 4:00 AM PM DATE 2-11-08

CEMENT LEFT IN CSG. 30 FT TYPE: PORTLAND CEMENT I/II ASTM C 150
CENTRALIZER 1 CEMENT COST \$ 1590.19

ELEVATION 3266
+12KB 3278

PIPE TALLY

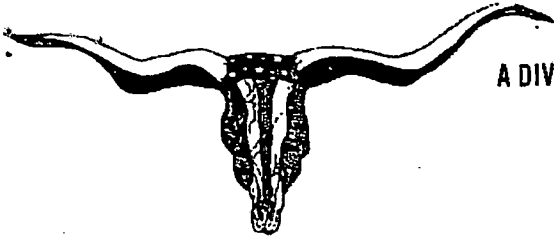
- 1. 39.07
 - 2. 39.15
 - 3. 39.07
 - 4. 39.16
 - 5. 39.05
 - 6. 39.05
 - 7.
 - 8.
 - 9.
 - 10.
 - 11.
 - 12.
 - 13.
 - 14.
- TOTAL 234.55



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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 2-12-08 TICKET NO. 1453

DATE OF JOB <u>2-12-08</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>Bahnmeier</u>	12-15		WELL NO.			
ADDRESS	COUNTY	STATE					
CITY	STATE	SERVICE CREW <u>Dave & Damon</u>		EQUIPMENT <u>112</u>			
AUTHORIZED BY		TYPE JOB: <u>Longhorn</u>		DEPTH FT.	CEMENT DATA: BULK <input type="checkbox"/>	SAND DATA: SACKS <input type="checkbox"/>	TRUCK CALLED
		SACKS	BRAND	TYPE	% GEL	ADMIXES	DATE AM PM
SIZE HOLE:	DEPTH FT.	<u>75</u>	<u>A</u>	<u>7II</u>			ARRIVED AT JOB
SIZE & WT. CASTING ^{NEW D} _{USED D} <u>4 1/2</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					PM
		<u>75</u> SACKS CEMENT TREATED WITH <u>2%</u> OF <u>KCL</u>					MILES FROM STATION TO WELL
<u>PBTD</u>	MAX DEPTH <u>1281.8 FT.</u>	MAX PRESSURE		PSI.			

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 As per Contract</u>				<u>4300.00</u>
<u>300-12</u>	<u>7" Centralizer</u>		<u>1</u>		<u>36.49</u>
<u>400-2</u>	<u>Calcium</u>		<u>50 LB</u>		<u>50.00</u>
<u>400-4</u>	<u>KCL</u>		<u>100 LB</u>		<u>40.00</u>
					<u>4426.74</u>
<u>2100</u>	<u>Flush</u>		<u>20</u>		
<u>2105</u>	<u>Cement</u>		<u>18</u>		
<u>2110</u>	<u>Displacement</u>		<u>20.5</u>		
<u>2120</u>	<u>Bump plug @ 1800 psi</u>				

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 WICHITA, KS

FEB 28 2008

SUB TOTAL

ACID DATA:			
	GALLONS	%	ADDITIVES
HCL			
HCL			

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

THANK YOU

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)