

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

*Ke
my
1/23/09*

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

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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>02/08/2008</u>	<u>02/09/2008</u>	<u>03/12/2008</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 023-20931-0000
County: Cheyenne
SE NW NE Sec. 8 Twp. 5 S. R. 40 East West
1155 feet from S / (N) (circle one) Line of Section
1860 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) (NE) SE NW SW
Lease Name: Culwell Well #: 31-8

Field Name: Cherry Creek Niobrara Gas Area
Producing Formation: Niobrara
Elevation: Ground: 3650' Kelly Bushing: 3662'
Total Depth: 1585' Plug Back Total Depth: 1533'
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/ _____

Alt-1-Dig - 376/09

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.: _____

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: _____

CARRIE EGGLESTON
NOTARY PUBLIC
STATE OF COLORADO

My Commission Expires 10/12/2010

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: Culwell Well #: 31-8
 Sec. 8 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 (Attach Additional Sheets) 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 (Submit Copy) 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 1393' <div style="text-align: center;"> <p>RECEIVED KANSAS CORPORATION COMMISSION JAN 27 2009 CONSERVATION DIVISION WICHITA, KS</p> </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	11"	7"	17#	404'	Type I/II	115	
Production	6 1/8"	4 1/2"	10.5 #	1557'	Type I/II	75	2% KCL

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	1416'-1428'	500 gal 15% HCL, 70 Quality N2 foam, 324 bbls Lightning 15# fluid system, 96380 lbs of Ottawa 12/20 mesh sand 4000 lbs of SB Excel 12/20 resin coated sand 269 MSCF N2	1416'-1428'

TUBING RECORD	Size 2 3/8"	Set At 1464'	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. 09/23/2008	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. 0	Gas Mcf 92	Water Bbls. 20	Gas-Oil Ratio n/a	Gravity
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Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	<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
719-346-8032
FIELD REPORT
SURFACE CASING, DRILLING AND CEMENTING

DRILLING DATE 2-08-08

WELL NAME & LEASE # Culwell 31-8

MOVE IN, RIG UP, DIG PITS ETC. DATE 2-07-08 TIME 1:15 AM PM

SPUD TIME 7:30 AM PM SHALE DEPTH 310 TIME 10:30 AM PM

HOLE DIA. 11 FROM 0 TO 395 TD TIME 11:45 AM PM

CIRCULATE, T.O.O.H., SET 390.63 FT CASING 403.63 KB FT DEPTH

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

PUMP 115 SAC CEMENT 629 GAL.DISP. CIRC. 8 BBL TO PIT

PLUG DOWN 1:15 AM PM DATE 2-08-08

CEMENT LEFT IN CSG. 30 FT TYPE: PORTLAND CEMENT I/II ASTM C 150
CENTRALIZER 1 CEMENT COST \$ 2203.81

ELEVATION 3650
+12KB 3662

PIPE TALLY

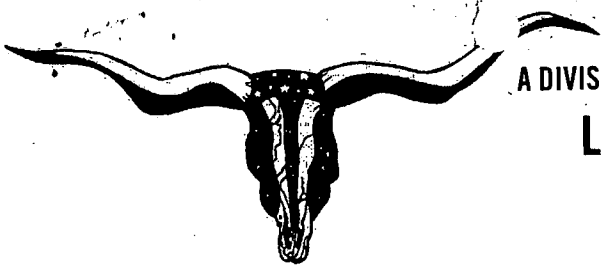
1. 38.92
2. 38.97
3. 39.05
4. 39.06
5. 39.06
6. 39.02
7. 39.03
8. 39.18
9. 39.12
10. 39.22
- 11.
- 12.
- 13.
- 14.

TOTAL 390.63

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JAN 27 2009

CONSERVATION DIVISION
WICHITA, KS



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 2-9-08 TICKET NO. 1375

DATE OF JOB <u>2-9-08</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>Colwell</u>	WELL NO. <u>31-8</u>						
ADDRESS	COUNTY	STATE						
CITY	STATE	SERVICE CREW <u>Dave & Damon</u>						
AUTHORIZED BY	EQUIPMENT <u>112</u>							
TYPE JOB <u>log string</u>	DEPTH FT.	CEMENT DATA: BULK <input type="checkbox"/>			SAND DATA: SACKS <input type="checkbox"/>		TRUCK CALLED	DATE AM PM
SIZE HOLE:	DEPTH FT.	SACKS	BRAND	TYPE	% GEL	ADMIXES	ARRIVED AT JOB	AM PM
SIZE & WT. CASTING <u>NEW OR USED <input type="checkbox"/></u> <u>1 1/2</u>	DEPTH FT.	<u>15</u>	<u>A</u>	<u>2 II</u>			START OPERATION	AM PM
SIZE & WT. D PIPE OR TUBING	DEPTH FT.						FINISH OPERATION	AM PM
TOP PLUGS	TYPE:	WEIGHT OF SLURRY: <u>15</u>		LBS. / GAL.	LBS. / GAL.		RELEASED	AM PM
		VOLUME OF SLURRY					MILES FROM STATION TO WELL	
<u>PSTD</u>	MAX DEPTH <u>1572</u> FT.	SACKS CEMENT TREATED WITH <u>2</u> % OF <u>KCL</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>cut-2</u>	<u>Depth Charge Cement in lease</u> <u>As per contract</u>				<u>4300</u>
<u>300-12</u>	<u>7' Centralizer</u>		<u>1</u>		<u>36</u>
<u>400-2</u>	<u>Calloway</u>		<u>50 lb</u>		<u>50</u>
<u>400-4</u>	<u>KCL</u>		<u>100 lb</u>		<u>40</u>
					<u>4426</u>
<u>1755</u>	<u>Flush</u>	<u>20</u>			
<u>2000</u>	<u>Cement</u>	<u>16</u>			
<u>2010</u>	<u>Displacement</u>	<u>24.5</u>			
<u>2020</u>	<u>Bump Plug @ 1800 psi</u>				

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 JAN 27 2008
 CONSERVATION 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> (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)
FIELD SERVICE ORDER NO.	