

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: 103 East Main Street
City/State/Zip: Bridgeport, WV 26330
Purchaser: _____
Operator Contact Person: Al Smith
Phone: (304) 842-6256
Contractor: Name: ADT LLC
License: 33532
Wellsite Geologist: Nathan Anderson
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. _____
12/22/05 12/30/05 12-30-05
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 023-20646-00-00
County: Cheyene
C NW Nw Sec. 29 Twp. 5 S. R. 39 East West
606 feet from S / (N) (circle one) Line of Section
611 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 #: 11-29
Field Name: Cherry Creek
Producing Formation: None Dry Hole
Elevation: Ground: 3587' Kelly Bushing: 3599'
Total Depth: 1585' Plug Back Total Depth: 0'
Amount of Surface Pipe Set and Cemented at 385' 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)
ALTI WITH
3-8-07
Chloride content 4000 ppm Fluid volume 200 bbls
Dewatering method used haul to farmers field
Location of fluid disposal if hauled offsite:
Operator Name: ADT LLC
Lease Name: Amknecht License No.: 33532
Quarter NWNE Sec. 21 Twp. 5 S. R. 42 East West
County: Cheyene Docket No.: _____

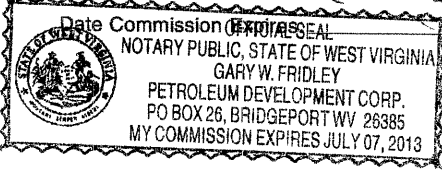
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side 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: _____
Title: Geologist Date: 4/7/06

Subscribed and sworn to before me this 11th day of APRIL
20 06

Notary Public: Gary W. Fridley



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 #: 11-29
 Sec. 29 Twp. 5 S. R. 39 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)

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Niobrara	1352	-2247
Ft Hayes	1413	-2186

List All E. Logs Run:

Compensated Density, Compensated Neutron, Dual Induction

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#	385'	Ready Mix	85	

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	1460-1190	Class A	35	Dacotah
<input checked="" type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone	500-294	Class A	35	Dacotah

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

TUBING RECORD	Size	Set At	Packer At	Liner Run
				<input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
	<input type="checkbox"/> Flowing <input 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

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

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 APR 18 2006
 KCC WICHITA

PETROLEUM DEVELOPMENT CORPORATION
Well History

<p>(NP-KS-EXP Well #61) Culwell #11-29 CNWNW 29 5S 39W Cheyenne County, KS Permit #0150232064600 AFE #05458 LS #691900 (PDC)</p>	<p>12/22/2005</p>	<p>Schaal Well Drilling: MIRU. Spud at 8 AM and drill 9 1/2" surface hole to a TD of 391' at 11:30 AM. Pierre Shale at 320'. TOOH and ran 9 joints of 17#, 7" casing to 385.3' GL. Cement to surface with 100 sacks of ready mix. Plug down at 1:30 PM with 1.5 bbls cement circulated to the pit. RDMO.</p>
	<p>12/29/2005</p>	<p>ADT Rig #114: MIRU AT 6 PM. PU BHA and RIH with 6 1/8" bit on coil tubing and tag cement at 8 PM. Drill 6 1/8" hole from 364' to 1585' (TD). POOH.</p>
	<p>12/30/2005</p>	<p>ADT Rig #114: LD BHA at 3 AM. Rig up PSI and log hole until 5:30 AM. Decided to plug and abandon based on open hole log.</p>
	<p>12/30/2005</p>	<p>MIRU PSI. Ran GR/Caliper/Resistivity/SP logs finding a loggers TD of 1579'. Drillers TD of 1585'. RD release PSI. As per approval, decision was made to plug hole (poor log showing). MIRU Longhorn Cementing. Cement properties: Class A Neat Dacotah cement @ 14.8 ppg, 1.32 cf/sx. Mud properties: 8.6 ppg, 35 cP. Set one 45 sack plug across Niobrara and into overlying shale from 1190-1460', set another 35 sack plug half in half out of surface casing from 294-500', set another 10 sack plug at surface via 54' of 4 1/2" csg. Cementing procedure: RIH with coil string and 1 drill collar circulating throughout, Pull up to 1460' pumped 8.3 bbls of cement followed by 7.2 bbls of displacement, began pulling coil while pumping cement and continued with displacement of coil to 17.8 total bbls of coil displacement, pumped displacement at 1.1 bpm & pulled coil at 40 ft/min (270' plug). Continue pulling coil to 500' circulating, stopped coil, pumped 8.2 bbls of cement followed by 9.6 bbls of displacement, began pulling coil while pumping cement, and finished displacement of coil with a total of 17.8 bbls, pumped displacement at 1.6 bpm & pulled coil at 40 ft/min (206' plug half in and half out of surface casing). Pull coil out of hole, RIH with 54' of 4 1/2" csg, bottom of cement plug at 42' below ground level. RU swage and chicksan broke circulation with rig pump, pumped 2.4 bbls of cement at surface, good returns to surface, SD, RD Longhorn from wellhead, pull csg, allowed cement to fall to just below ground level, clean up longhorn to pit. Released rig @ 7:00 a.m. RD ADT move off location, cut surface csg 5' below surface, weld on 1/4" plate, fill hole in and level. Operationally everything went smooth.</p>

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