# KANSAS CORPORATION COMMISSION ORIGINAL Form ACO-1 September 1999 Form Must Be Typed

#### **WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Operator: License # 33325	API No. 15 - 023-20952-0000
Name: Petroleum Development Corporation	County: Cheyenne
1775 Sherman Street, Suite 3000 RECEIVED	
City/State/Zip: Denver, CO 80203	975 feet from S / (O (circle one) Line of Section :
Purchaser: Priority Oil & Gas FEB 0 2 2009	430 feet from E / (W) (circle one) Line of Section
Operator Contact Person: Larry Robbins CONSERVATION DIVISION:  Phone: (303) 860-5800 WICHITA, KS	Footages Calculated from Nearest Outside Section Corner:  (circle one) NE SE NW SW
Contractor: Name: Schaar Drilling, Co. LLC & Advanced Drilling Technologies, LLC	Lease Name: McPherson Well #: 11-16
License: 33/75 & 33532	Field Name: Cherry Creek Niobrara Gas Area
Wellsite Geologist: N/A	Producing Formation: Niobrara
Designate Type of Completion:	Elevation: Ground: 3669' Kelly Bushing: 3681'
✓ New Well Re-Entry Workover	Total Depth: 1630' Plug Back Total Depth: 1589'
Oil SIOW Temp. Abd.	10 joints @ 412
Gas ENHR SIGW	·
Dry Other (Core, WSW, Expl., Cathodic, etc)	Multiple Stage Cementing Collar Used?  Yes No  If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	food double to
Well Name:	ALLI - Dig - 3 20
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan
Deepening Re-perf Conv. to Enhr./SWD	(Data must be collected from the Reserve Pit) 5000 50
Plug Back Plug Back Total Depth	Chloride content 5000 ppm Fluid volume 50 bbls
Commingled Docket No	Dewatering method used Evaporation
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
	Lease Name: License No.:
03/01/2008         03/05/2008         03/12/2008           Spud Date or         Date Reached TD         Completion Date or	Quarter Sec TwpS. R 🔲 East 🗌 West
Recompletion Date Recompletion Date	County: Docket No.:
INSTRUCTIONS: An original and two copies of this form shall be filed with t Kansas 67202, within 120 days of the spud date, recompletion, workover Information of side two of this form will be held confidential for a period of 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs a TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. months if requested in writing and submitted with the form (see rule 82-3-104 geologist well report shall be attached with this form. ALL CEMENTING
All requirements of the statutes, rules and regulations promulgated to regulate therein are complete and correct to the best of my knowledge.	e the oil and gas industry have been fully complied with and the statements
Signature: Jany June	, KCC Office Use ONLY
Title: Regulatory Agent Date: January 29, 2009	//
00 1	Letter of Confidentiality Received
Subscribed and sworn to before me this day of full and	If Denied, Yes Date:  Wireline Log Received
20.09	Geologist Report Received
Notary Public SARAH M GARRE	IIIC Distribution
Notary Public	
Date Commission Expires: State of Coloro	

My Commission Expires August 11, 2009

a - 1

Operator Name: Petrole	ator Name: Petroleum Development Corporation Leas		Name: McPherson			Well #: 11-16				
Sec. 16 Twp. 5				y: Cheyenne						
INSTRUCTIONS: Shortested, time tool open a temperature, fluid record Electric Wireline Logs s	and closed, flowing a very, and flow rates i	nd shut-in pressures, f gas to surface test, a	whether s along with	hut-in pre	essure reached	static level, hydro	static pressure	es, botto	m hole	
Drill Stem Tests Taken			✓ Log Formation (Top), Dept			th and Datum		Sample		
Samples Sent to Geological Survey				Name Niobrara			Top 1414'	Datum		
Cores Taken Electric Log Run (Submit Copy)		☐ Yes ☑ No ✓ ☑ Yes ☐ No			. =. =	KAN	RECE ISAS CORPORAT	IVEL	IMISSIO:	
List All E. Logs Run:										
CDL, CNL, Dual Induction, CBL				FEB 0 2 2009  CONSERVATION DIVISION WICHITA KS						
		CASING Report all strings set-	RECORD	✓ No	<del></del>	ion oto	<del>, ,</del>			
Purpose of String	Size Hole Drilled	Size Casing	We	eight	Setting	Type of	# Sacks		and Percent	
Surface	11"	Set (In O.D.) 7"	17	. / Ft. #	Depth 413'	Type I/II	Used 108		dditives	
Production	6 1/8"	4 1/2"	10.	5#	1611'	Type I/II	75	2% KCL		
Purpose:  —— Perforate  —— Protect Casing  —— Plug Back TD  —— Plug Off Zone	Depth Top Bottom	ADDITIONAL Type of Cement		ING / SQU	JEEZE RECORD		ercent Additives			
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated  Acid, Fracture, Shot, Cement Squeeze (Amount and Kind of Material Use							d	Depth	
2	2 1438'-1450'				500 gal 15% HCL, 70 Quality N2 foam, 1438'-1450'					
					332 bbls Lig	htning 15# fluid	system,			
96840 lbs of Ottawa 12/20 mesh sand										
				4000 lbs of SB Excel 12/20 resin coated sand						
				244 MSCF N2						
TUBING RECORD	Size 2 3/8"	Set At 1459'	Packer	At	Liner Run	Yes ✓ No				
Date of First, Resumerd F		<del></del>	thod	Flowing	g 🗹 Pumpii	ng Gas Lift	: Othe	er (Explain,	)	
Estimated Production Per 24 Hours	Oil Bb		Mcf	Wate		bls. G	as-Oil Ratio		Gravity	
Disposition of Gas	0 METHOD OF CO	MPLETION 32			8 Production Inter	val	n/a		A	
Vented ✓ Sold (If vented, Subn	Used on Lease	Open Hole	☑ Per	f. 🔲 [	Dually Comp.	Commingled				

## SCHAAL DRILLING, CO. PO BOX 416 **BURLIINGTON, CO. 80807** 719-346-8032

#### FIELD REPORT SURFACE CASING, DRILLING AND CEMENTING

DRILLING DATE	3-01-08				
WELL NAME & L	EASE # McPl	nerson 11-16			
MOVE IN, RIG UF	P, DIG PITS ET	C. DATE 2-2	9-08	TIME 4:00	□AM ⊠ PM
SPUD TIME 8:45	⊠AM □PN	M SHALE DE	PTH 320	TIME 11:30	⊠АМ □РМ
HOLE DIA. 11	FROM <b>0</b> TO	405 TD		TIME 1:15	☐AM ⊠ PM
CIRCULATE, T.O.	.O.H., SET 400	.16 FT CASI	NG 413.1	6 KB FT DEPT	TH
10 JOINTS 7	0D #/FT 🔲	14 🔲 15.5 🛭	<b>₫</b> 17 <b>□</b> 20 <b>□</b> :	23	
PUMP 108 SAC	CEMENT 6	546 GAL.DIS	P. CIRC. 8	BBL TO PIT	
PLUG DOWN TIM	1E 2:00	□AM ⊠P	M DATI	E 3-01-08	
CEMENT LEFT IN CENTRALIZER			E: PORTLAND IENT COST \$		ASTM C 150
ELEVATION 366 +12KB 368					
PIPE TALLY					
1. 38.28 2. 42.41 3. 39.38 4. 43.41 5. 39.96 6. 39.41 7. 39.49 8. 39.27 9. 39.47 10. 39.08				RECI KANSAS CORPOR	EIVEL:
11.				FEB o	2 2009
12. 13. 14. 15. 16.				CONSERVATION WICHIT	JAI DIVION.
10. TOTAL 400 16					



# A DIVISION OF ADVANCED DRILLING TECHNOLOGIES, LLC.

### LONGHORN CEMENTING CO.

YUMA, COLORADO 80759 Phone: 970-848-0799 Fax: 970-848-0798 DATE 3-5-08 1534 TICKET NO. DATE OF JOB OLD CUSTOMER ORDER NO.: NĖW DISTRICT WELL CUSTOMER LEASE WELL NO. **ADDRESS** COUNTY STATE CITY STATE SERVICE CREW **AUTHORIZED BY EQUIPMENT** TYPE JOB: Land CEMENT DATA: SAND DATA: DEPTH SACKS DATE AM TIME FT. BULK [ TRUCK CALLED % GEL ADMIXES SACKS BRAND TYPE ARRIVED AT JOB AN DEPTH SIZE HOLE: FT. SIZE & WT. CASTING USED 6 4/10 DEPTH FT. START OPERATION SIZE & WT. D PIPE OR TUBING DEPTH FT ΑМ FINISH OPERATION TOP PLUGS TYPE: WEIGHT OF SLURRY: LBS. / GAL LBS. / GAL PM AM VOLUME OF SLURRY RELEASED SACKS CEMENT TREATED WITH 😾 % OF 🥂 MILES FROM STATION TO WELL PISITI MAX DEPTHICS MAX PRESSURE 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 QUANTITY **ÜNIT PRICE \$ AMOUNT** RECEIVEL KANSAS CORPORATION COMMISSION <del>2009</del> CONSERVATION DIVISION WICHITA, KS **SUB TOTAL** ACID DATA **GALLONS** % ADDITIVES **SERVICE & EQUIPMENT** %TAX ON \$ HCL **MATERIALS** %TAX ON \$ HCL TOTAL

FIELD SERVICE ORDER NO.

REPRESENTATIVE

SERVICE

THE ABOVE MATERIAL AND SERVICE /

(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)