

Form ACO-1 September 1999 Form Must Be Typed

Kansas Corporation Commission Oil & Gas Conservation Division WELL COMPLETION FORM

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License #	API No. 15 - 023-21043-0000
Name: Petroleum Development Corporation	County: Cheyenne
Address: 1775 Sherman Street, Suite 3000	<u>SW_NW_SE_Sec34_Twp3</u> S. R42East
City/State/Zip: Denver, CO 80203	1790 feet from S / N (circle one) Line of Section
Purchaser: Riley Natural Gas Company	2190 feet from (E)/ W (circle one) Line of Section
Operator Contact Person: Larry Robbins	Footages Calculated from Nearest Outside Section Corner:
Phone: (_303) _860-5800	(circle one) NE SE NW SW
Contractor: Name: Schaal Drilling, Co. LLC & Advanced Drilling Technologies, LLC	Lease Name: Rueb Farm Well #: 33-34
License: 337/5 & 33532	Field Name: Cherry Creek Niobrara Gas Area
Wellsite Geologist: N/A	Producing Formation: Niobrara
Designate Type of Completion:	Elevation: Ground: 3722' Kelly Bushing: 3734'
✓ New Well Re-Entry Workover	Total Depth: 1715' Plug Back Total Depth: 1672'
Oil SWD Temp. Abd.	Amount of Surface Pipe Set and Cemented at 8 joints @ 346 Feet
✓ Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ✓ No
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth tow/sx cmt.
Well Name:	
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan Alt I Nul 3-5-09 (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content 5000 ppm Fluid volume 50 bbls
Plug Back Plug Back Total Depth	Dewatering method used Evaporation
Commingled Docket No.	
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
	Lease Name: License No.:
07/07/2008 07/08/2008 09/03/2008 Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R
Recompletion Date Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workove Information of side two of this form will be held confidential for a period of 1	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, er or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 2 months if requested in writing and submitted with the form (see rule 82-3-and geologist well report shall be attached with this form. ALL CEMENTING . Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regula herein are complete and correct to the best of my knowledge.	ate the oil and gas industry have been fully complied with and the statements
Signature:	KCC Office Use ONLY
Title: Regulatory Agent Date: February 03, 2009	Letter of Confidentiality Received
Subscribed and sworn to before me this 3 day of February	If Denied, Yes Date:
20 09.	Wireline Log Received RECEIVEL Geologist Report Received RECEIVEL Geologist Report Received RECEIVEL
Notary Public: Notary Public State of Colorary	UIC Distribution FEB 0 4 2009
Date Commission Expires: State of Colorac	CONSERVATION DIVISION
My Commission Expires August	11, 2009 WICHITA, KS

Operator Name: <u>Petro</u>	erator Name: Petroleum Development Corporation Lease Nam					e: Rueb Farm Well #: 33-34					
Sec34 Twp3	S. R	East	✓ West	est County: Cheyenne							
ested, time tool open emperature, fluid reco	ow important tops and I and closed, flowing an overy, and flow rates if of surveyed. Attach final	d shut-ir gas to su	n pressures, v urface test, al	whether ong with	shut-in pre	essure reached	static level, hydro	static pressur	es, botto	m hole	
Drill Stem Tests Taken Yes V No (Attach Additional Sheets)					✓ L	og Formati	on (Top), Depth a	h and Datum] Sample	
Samples Sent to Geological Survey Ves No Cores Taken Yes Voo					Nam Niob	ne orara	Top 1524'		Datum		
lectric Log Run (Submit Copy)	\searrow	✓ Yes									
ist All E. Logs Run:								KANSAS	REC CORPOR	EIVEU ATION COMMIS	
CDL, CNL, Dua	al Induction, CB	L						ſ	FEB (4 2009	
								C	ONSERVA WIC	TTION DIVISION' HITA. KS	
		Penert :	CASING F			ew Used	tion ato			-	
Purpose of String	Size Hole	Size	Casing	V	/eight	Setting	Type of	# Sacks	Туре	and Percent	
Surface	Drilled		n O.D.)	Lbs. / Ft.		Depth	Cement	Used	<i>P</i>	Additives	
	11" 7"				7#	346'	Type I/II	85	-		
Production	6 1/8"	4 1	12"	10).5 #	1692'	Type I/II	75	2% KCL		
	1		ADDITIONAL	CEMEN	TING / SQ	JEEZE RECORI	<u> </u> 				
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Type of Cement # Casing lck TD			#Sac	sks Used	Type and Percent Additives					
Shots Per Foot	er 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 1540'-1554'					500 gals 7.5% HCL, 70 0			ality N2 foan	n,	1540'-1554	
						273 bbls 25# pad, 820 bbls fluid system,					
					96320 lbs of Daniels 16/30 me						
					3800 lbs of Ceramax 16/30 resin coated sand						
						231 MSCF N2					
TUBING RECORD Size Set At Packer At 2 3/8" 1591'					r At	Liner Run ☐ Yes					
•	Production, SWD or Enhr. 6/2008		Producing Meth	nod	✓ Flowin	g Pumpi			er <i>(Explain</i>	·····	
Estimated Production Per 24 Hours	Oil Bbis	-	Gas 1	Mcf	Wat			ias-Oil Ratio		Gravity	
Disposition of Gas	METHOD OF COM	PLETION			<u> </u>	Production Inte	rval				
Vented ✓ Sold (If vented, Subi	Used on Lease		Open Hole Other (Specif	√ Pe	erf. [Dually Comp.	Commingled				

SCHAAL DRILLING, CO. 46881 HWY 24 **BURLINGTON, CO. 80807**

719-346-8032

FIELD REPORT SURFACE CASING, DRILLING AND CEMENTING

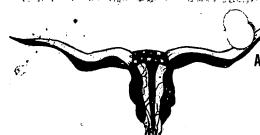
DRILLING D	ATE	7-07-08					
WELL NAME	E & LE.	ASE# Rue	b Farm 3	33-34			
MOVE IN, RI	G UP,	DIG PITS ET	C. DA	ГЕ 7-02-08		TIME 11:45	⊠AM □ PM
SPUD TIME	6:30	⊠AM □P	M SHA	LE DEPTH 26	0	TIME 8:45	⊠AM □PM
HOLE DIA.	11	FROM 0 TO	338	TD		TIME 9:30	⊠AM □ PM
CIRCULATE	, T.O.O	.H., SET 33	3.43 FT	CASING	346.43	KB FT DEP	ГН
8 JOINTS	7	0D #/FT []14 []1	5.5 🛛 17 🔲	20 🗀 2	4	
PUMP 85	SAC (CEMENT :	547 GA	L.DISP. CIRC.	3 I	BBL TO PIT	
PLUG DOWN	I TIME	11:00	⊠Al	м ПРМ	DATE	7-07-08	
CEMENT LE		CSG. 20 FT		TYPE: PORT CEMENT CO		CEMENT I/II 662.08	ASTM C 150
ELEVATION +12KB	3722 3734						
PIPE TALLY							
1. 41. 2. 41. 3. 41. 4. 41. 5. 41. 6. 41. 7. 41. 8. 71. 9. 10.	75 74 72 73 75 73						
12. 13. 14.						KANSA	RECEIVED SCORPORATION COMMISS

TOTAL 333.43

BICH

FEB 0 4 2009

CONSERVATION DIVISION WICHITA, KS



A DIVISION OF ADVANCED DRILLING TECHNOLOGIES, LLC.

LONGHORN CEMENTING CO.

YUMA, COLORADO 80759 Phone: 970-848-0799 Fax: 970-848-0798

FIELD SERVICE TICKET AND INVOICE

							DATETICKET NO. 1583					
DATE OF 7 8-0% DISTRICT						NE\ WEI	NEW WELL OLD PROD T INJ WDW CUSTOMER ORDER NO.:					
CUSTOMER PDC						LEASE	Ruch	Farm 33-34	WELL NO.			
ADDRESS						COUN	ITY					
CITY STATE						SERV	ICE CREW	ue + Demon				
AUTHORIZED BY		,	,			EQUII	PMENT 1/2					
TYPE JOB: Lo	DEPTH	FT.	CEMENT DATA: BULK S			SAND DAT		TRUCK CALLED	DATE AM TIME			
V			SACKS	BRAND	TYPE	% GEL	ADMIXES		PM AM			
SIZE HOLE:	DEPTH	FT.	T 2.5	<i>j</i> ?}	2-11		:	ARRIVED AT JOB	PM			
SIZE & WT. CASTING USED 4	DEPTH	FT.						START OPERATION	AM PM			
SIZE & WT. D PIPE OR TUBING	DEPTH	FT.						FINISH OPERATION	· AM			
TOP PLUGS TYPE:			WEIGHT OF	SLURRY:	15	LBS. / GAL.	LBS. / GAL.	FINISH OPERATION	PM			
VOLUME OF SLURRY 17, 5 44/					7.5 4	41		RELEASED	AM PM			
7 SACKS CEMENT TREATED WITH						نوم D WITH	% OF C / /					
TATIS MAX DEP	TH/677	7.38 E			PRESSURE	200		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 QUANTITY **UNIT PRICE \$ AMOUNT** RECEIVED CORPORATION COMMISSION FEB 0 4 2009 NOISIVICINOITAVIERA WICHITA, KS

Land Plug (2) 1800/51 **SUB TOTAL** ACID DATA: **GALLONS ADDITIVES** % **SERVICE & EQUIPMENT** %TAX ON \$ HCL **MATERIALS** %TAX ON \$ HCL **TOTAL**

SERVICE

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY

FIELD SERVICE ORDER NO

REPRESENTATIVE

(WELL OWNER, OPERATOR, CONTRÁCTOR OR AGENTAL to.,