KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Operator: License # 33325

Name: Petroleum Development Corporation

Form ACO-1 September 1999 Form Must Be Typed

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

API No. 15 - 023-20717-0000

County: Cheyenne

Address:	SW - NE - SE Sec. 18 Twp. 2 S. R. 41
City/State/Zip: Bridgeport WV 26330	1430 feet from S / N (circle one) Line of Section
Purchaser: Riley Natural Gas Company	1055 feet from © / W (circle one) Line of Section
City/State/Zip: Bridgeport WV 28330 Purchaser: Riley Natural Gas Company Operator Contact Person: Larry Robbins Phone: (303) 860-5822 Contractor: Name: Western Well Drilling, LLC License: 33669 Wellsite Geologist: N/A Designate Type of Completion:	Footages Calculated from Nearest Outside Section Corner:
Phone: (303) 860-5822	(circle one) NE 😝 NW SW
Phone: (303) 860-5822 Contractor: Name: Western Well Drilling, LLC License: 33669 Wellsite Geologist: N/A	Lease Name: Gemaehlich Well #: 43-18
License: 33669	Field Name: Cherry Creek Niobrara Gas Area
Wellsite Geologist: N/A	Producing Formation: Niobrara
Designate Type of Completion:	Elevation: Ground: 3615' Kelly Bushing: 3620'
✓ New Well Re-Entry Workover	Total Depth: 1680' Plug Back Total Depth: 1645'
Oil SWD SIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 6 jts 7" @ 305 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
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 AHJ NH7-14-08 (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:
11/17/06 11/19/06 12/13/06	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or	Quarter Sec. Twp. S. R. East West
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, or 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.
	te 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: Jany 7 Mis LOV	KCC Office Use ONLY
Title: Regulatory Agent Date:	N Latter of Cantidon Notice Passing
74 NOIARY	Letter of Confidentiality Received If Denied, Yes Date:
Subscribed and sworn to before me this	, Wireline Log Received
20_61	Geologist Report Received
Notary Public: 14 Miles 12	IIIC Distribution
NIV Commission Expires July 5, 2	SUU-SUU-SUU-SUU-SUU-SUU-SUU-SUU-SUU-SUU
Date Commission Expires:	

	' Side ïwo										
Operator Name: Petr	or Name: Petroleum Development Corporation			Lease Name: Gemaehlich				Well #: <u>43-18</u>			
Sec Twp			st West County: Cheye					YVGII ff.			
INSTRUCTIONS: Si tested, time tool oper temperature, fluid red Electric Wireline Logaria	n and closed, flowing covery, and flow rate	and shut s if gas to	-in pressures, surface test, a	enetrated whether long with	d. Detail al shut-in pre	I cores. Report	static level, hydro	static pressur	es, botto	m hole	
Drill Stem Tests Taken (Attach Additional Sheets)			es 🗸 No 📝 L			og Formation (Top), Depth and Datum			Sample		
Samples Sent to Geological Survey			es 🗸 No			пе Тор			ſ	Datum	
Cores Taken Electric Log Run (Submit Copy)	es Taken Yes [ctric Log Run			Niobrara			1512'				
List All E. Logs Run:	./GR and GR/\	/DL/CE	3L								
CASING RECORD											
Purpose of String	Size Hole Drilled	Size Hole Size Casing		Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives		
Surface	9 7/8"	7"				305'	Class "A"	85	2% gel + 3% CaCl2		
Production	6 1/4"	4 1/2"		10.5#		1662'	ASC	75	2% gel		
			ADDITIONAL	CEMEN.	TING / SQL	JEEZE RECORD					
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom				ks Used	Type and Percent Additives					
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)							rd	Depth			
2						500 gal 15% HCL, 70 Quality N2 foam, 1532'-1544				1532'-1544'	
	KANSAS CORPORATION COMMISSION					341 bbls Lightning 15# fluid system,					
	JUL 2 5 2007 CONSERVATION DIVISION WICHITA, KS					97700 lbs of 12/20 Ottawa Sand,					
						4000 lbs CR4000 resin coated sand,					
						296 MSCF N2.					
TUBING RECORD Size Set At Packer A 2-3/8" 1573'				r At	Liner Run	Yes ✓ No					
Date of First, Resumerd Production, SWD or Enhr. Producing Method April 09, 2007				Flowing	g 🕢 Pumpir	ıg 🔲 Gas Lift	Oth	er (Explain)		
Estimated Production Per 24 Hours	Oil 0	Bbls.	Gas 72	Mcf	Wate	er Bl	ols. G	as-Oil Ratio	7	Gravity	
Disposition of Gas	METHOD OF COMPLETION Production Interval										
Vented ✓ Sold Used on Lease Open Hole ✓ Perf. Dually Comp. Commingled (If vented, Submit ACO-18.) Other (Specify)											

ALLIE CEMENTING CO., INC.

28541

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665						
DATE 1/-10- of 18 9 414	CALLED OUT	ONLOCATION	JOB START	JOB FINISH		
LEASE LOCATION 54 F	rands 24	1 5 1 1 1 1 1 1 1 1	COUNTY	STATE		
OLD OR NEW (Circle one)	rands 200	1-5N-5W-1W	Chapare	KG In		
		3411-45				
CONTRACTOR Les tern Les Drie	OWNER 7	Petroleum ?	Sevelopm	0.70		
TYPE OF JOB						
HOLE SIZE 9 1/5! T.D. 3024	CEMENT					
CASING SIZE DEFIII	AMOUNT ORI	DERED 85	SKS COM			
TUBING SIZE DEPTH DRILL PIPE DEPTH	-	3%cc-2%c	4			
TOOL DEPTH			· · ·	****		
PRES. MAX MINIMUM	COMMON	75 5/4	@ 1220	103200		
MEAS. LINE SHOE JOINT	POZMIX		@			
CEMENT LEFT IN CSG. 10	GEL	1 52 "	@ 16.63	1665		
PERFS.	CHLORIDE	2 1/5	@ 460	9320		
DISPLACEMENT 12- 3336	ASC		@			
EQUIPMENT			@	N No.		
		7 / W	@			
PUMP TRUCK CEMENTER			@			
# 373 HELPER Andrew			@ @			
BULK TRUCK			@ @			
# 3/5 DRIVER Darria			@			
BULK TRUCK			@			
# DRIVER	HANDLING_	78 5K5	@ /20_	16722		
	MILEAGE	94 por 51	- insite	79200		
Coment Dill Circ		SERVIC	E			
	DEPTH OF JOI		<u> </u>	521,000		
	PUMP TRUCK EXTRA FOOTA		<u>. </u>	0/>		
- Andrewson - Andr	MILEAGE		@ 600	/www.		
Mank You	MANIFOLD	, , , , , , , , , , , , , , , , , , , ,	@	and the second		
			@			
CHARGE TO: Western Well Dis	RECEIV KANSAS CORPORATION	ED N COMMISSION	@	· · · · · · · · · · · · · · · · · · ·		
STREET	JUL 252	2007	TOTAL	1,415-52		
CITYSTATEZIP	CONSERVATION E WICHITA, K	DIVISION FLUG & FLOAT I	EQUIPMENT			
				المراقع من المغير		
	1- Cent		@	342		
T			@ @			
To Allied Cementing Co., Inc.	- WALLEY		@	1-77-00 pg -1		
You are hereby requested to rent cementing equipment			<u> </u>	11. 11. 11.		
and furnish cementer and helper to assist owner or			<u> </u>			
contractor to do work as is listed. The above work was			TOTAL	5000		
done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND			TOTAL	and the same of th		
CONDITIONS" listed on the reverse side.	TAX					
CONDITIONS listed on the levelse side.	TOTAL CHARG	GE 357	5 45			
	DISCOUNT	-35755	, ≝ IF PAID	IN 30 DAYS		
SIGNATURE January Sandal	1					
		PRINTEL	NAME			

ALLIEL CEMENTING CO., INC.

28546

REMIT TO P.O. BOX 31 SERVICE POINT: RUSSELL, KANSAS 67665 Cal RANGE CALLED OUT ON LOCATION JOB START JOB FINISH 1705 Emachlich well # 43-18 STATE OLD OR/NEW (Circle one) IN - JULY - WHIL **CONTRACTOR OWNER** TYPE OF JOB **HOLE SIZE CEMENT** 75 56 ASC. **CASING SIZE** AMOUNT ORDERED DEPTH TUBING SIZE **DEPTH** DRILL PIPE **DEPTH** 3-00106-Ru TOOL **DEPTH** PRES. MAX **MINIMUM COMMON** MEAS. LINE SHOE JOINT **POZMIX** 1 Ld. Ligar CEMENT LEFT IN CSG **GEL** PERFS. **CHLORIDE** DISPLACEMENT 24 W M 1500 Flo-Sel @ **EQUIPMENT** Clarken 5401 (a) **PUMP TRUCK CEMENTER** Andre. 373 HELPER **BULK TRUCK** 315 DRIVER Crank & 19 **@ BULK TRUCK** @ **DRIVER** HANDLING Inor The and a MILEAGE _ **REMARKS:** TOTAL 4 KM # 56 **SERVICE** DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE CO MALE @ FILE MANIFOLD __ @ @ RECEIVED @_ KANSAS CORPORATION COMMISSION TOTAL 2 2/2 JUL 2 5 2007 CONSERVATION DIVISION STATE_ WICHTENS & FLOAT EQUIPMENT @ @ To Allied Cementing Co., Inc. @ You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was TOTAL . done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND TAX_ CONDITIONS" listed on the reverse side. TOTAL CHARGE -DISCOUNT IF PAID IN 30 DAYS PRINTED NAME