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

20205	2/036
Operator: License # 33325	API No. 15 - 023-20330-0000
Name: Petroleum Development Corporation	County: Cheyenne
Address: 1775 Sherman Street, Suite 3000	SW_NW_NE_Sec. 3 Twp. 4 S. R. 42 East \(\text{West} \)
City/State/Zip: Denver, CO 80203	feet from S / (Circle one) Line of Section
Purchaser: Riley Natural Gas Company	2304 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: Well #: 31-3
License: 33778 & 33532	Field Name: Cherry Creek Niobrara Gas Area
Wellsite Geologist: N/A	Producing Formation:
Designate Type of Completion:	Elevation: Ground: 3725' Kelly Bushing: 3737'
New Well Re-Entry Workover	Total Depth: 1729' Plug Back Total Depth: 1673'
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 8 joints @ 345 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 (Data must be collected from the Reserve Pit) Alt I NCL 3-1-09
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	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) · Docket No	Operator Name:
07/00/0000	Lease Name: License No.:
07/08/2008 07/09/2008 09/22/2008 Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
Recompletion Date Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workove	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. 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 TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells	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 regulation 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: 5-by	KCC Office Use ONLY
Title: Regulatory Agent Date: February 05, 2009	\ Letter of Confidentiality Received
Subscribed and sworn to before me the day of Collary	If Denied, Yes Date:
SUSAN HOLLÝ COBB	Wireline Log Received RECEIVED KANSAS CORPORATION COMMISSION
OLLAS TATABOSEOLOBADO	Geologist Report Received
Notary Public: VIII Notary	UIC Distribution FEB 0 6 2009
Date Commission Expires: 10/04/20	CONSERVATION DIVISION WICHITA, KS

Not The County Chesterne	Operator Name: Petro	perator Name: Petroleum Development Corporation Lease N			Name:	Name: Feikert			_ Well #: 31-3			
tested, time tool open and closed, llowing and shurt-in pressures, whether shurt-in pressure reached state levet, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface lets, 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. Prili Stem Tests Taken	Sec. 3 Twp. 4	S. R. 42	East	✓ West								
Samples Sent to Geological Survey	tested, time tool open temperature, fluid reco	and closed, flowing very, and flow rates	and shut if gas to	-in pressures, v surface test, al	whether song with	hut-in pre	essure re	ached st	atic level, hydros	tatic pressure	s, botto	m hole
Samples Sent to Geological Survey					✓ Log Formation (Top), Depth and Datum Samp					Sample		
Electric Log Run: CDL, CNL, Dual Induction, CBL CASING RECORD RECEIVED CASING RECORD FEB 0 6 2009 CONSERVATION/DIVISION WICHITA, KS CASING RECORD Report all strings set-conductor, surface, intermediate, production, etc. Purposes of String Stre Hole Orillud Size Hole Orillud Size Casing Record Report all strings set-conductor, surface, intermediate, production, etc. Purposes of String Orillud Size Hole Orillud Size Casing Record Report all strings set-conductor, surface, intermediate, production, etc. Purposes Surface 111" 7" 17# 345' Type of Setting Comman Type and Percent Additives Additives ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Depth Additives ADDITIONAL CEMENTING / SQUEEZE RECORD Type and Percent Additives Type and Percent Additives Street Percent Additives ADDITIONAL CEMENTING / SQUEEZE RECORD Shots Per Foot Perposer Production Perport Foot Perposer Production Perport Foot Perposer Shots Per Foot Perposer Shots Per Foot Perposer Specify Footiage of Each Interval Perforated Additives Street Percent Additives Type and Percent Additives Type and Percent Additives Type and Percent Additives Type and Percent Additives Street Percent Additives Type and Percent Additiv	·	ogical Survey									I	Datum
CDL, CNL, Dual Induction, CBL FEB 0 6 2009 CONSERVATION DIVISION WICHITA, KS CASING RECORD New Used	•											
CASING RECORD	List All E. Logs Run:											
CASING RECORD	CDL, CNL, Dua	al Induction, (CBL							FEB	062	009
Report all strings set-conductor, surface, intermediate, production, etc.												
Purpose of String				CASING F	RECORD	✓ Ne	ew 🔲 U	sed				
Surface		Size Hole		· · · · · · · · · · · · · · · · · · ·						# Sacks	Tyne	and Percent
Production 6 1/8" 4 1/2" 10.5 # 1695' Type I/II 75 2% KCL ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated (Amount and Kind of Material Used) 2 1536'-1548' 500 gal 15% HCL, 70 Quality N2 foam, 1536'-1548' 324 bbls Lightning 15# fluid system, 96380 lbs of Ottawa 12/20 mesh sand 10340 lbs of SB Excel 12/20 resin coated sand 272 MSCF N2 TUBING RECORD Size Set At 2 3/8" 1579' Date of First, Resumerd Production, SWD or Enhr. 10/14/2008 Esimated Production Per 24 Hours Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity Production Interval Used on Lease Open Hole Perf. Duality Comp. Commingled		Drilled		(In O.D.)	Lbs.	. / Ft.	Dep	oth	Cement	Used		
ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Perforate Protect Casing Plug Back TD Plug CH Zone PERFORATION RECORD - Bridge Plugs Set/Type Specity Footage of Each Interval Perforated 2 1536'-1548' 500 gal 15% HCL, 70 Quality N2 foam, 1536'-1548' 324 bbls Lightning 15# fluid system, 96380 lbs of Ottawa 12/20 mesh sand 10340 lbs of SB Excel 12/20 resin coated sand 272 MSCF N2 TUBING RECORD Size Set At Packer At Liner Run TUBING RECORD Size Size Set At Packer At Liner Run TUBING RECORD OIL Bis. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity Perduction Interval Used on Lease Open Hole Perf. Duality Comp. Commingled Vented Sold Used on Lease Open Hole Perf. Duality Comp. Commingled				-								
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Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone PERFORATION RECORD - Bridge Plugs Set/Type Specily Footage of Each Interval Perforated 2 1536'-1548' Sougal 15% HCL, 70 Quality N2 foam, 1536'-1548' 324 bbls Lightning 15# fluid system, 96380 lbs of Ottawa 12/20 mesh sand 10340 lbs of SB Excel 12/20 resin coated sand 272 MSCF N2 TUBING RECORD Size 3/8" 1579' Date of First, Resumerd Production, SWD or Enhr. 10/14/2008 Estimated Production Per 24 Hours 0 METHOD OF COMPLETION Production Interval Vented / Sold Used on Lease Open Hole V Pert. Dually Comp. Commingled												
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Per 24 Hours 0 34 0 n/a Disposition of Gas METHOD OF COMPLETION Production Interval Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled	· ·	•	nhr.	Producing Meth		✓ Flowing	9 [] Pumping	☐ Gas Lift	Other	r (Explain)
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Vented ✓ Sold Used on Lease Open Hole ✓ Perf. Dually Comp. Commingled			OMPLETIC					ion Interva		n/a		
(If vented, Submit ACO-18.) Other (Specify)	Vented ✓ Sold	Used on Lease		Open Hole		f. 🔲 C						

SCHAAL DRILLING, CO. 46881 HWY 24 BURLINGTON, CO. 80807 719-346-8032

FIELD REPORT

SURFACE CASING, DRILLING AND CEMENTING

DRILLING DATE 7-08-08		
WELL NAME & LEASE # Fiekert 31-03		
MOVE IN, RIG UP, DIG PITS ETC. DATE 7-07-08	TIME 2:00	□AM ⋈ PM
SPUD TIME 7:15 🖾 AM 🗌 PM SHALE DEPTH 260	TIME 9:30	⊠АМ □РМ
HOLE DIA. 11 FROM 0 TO 337 TD	TIME 10:15	⊠AM □ PM
CIRCULATE, T.O.O.H., SET 332.36 FT CASING 345.36	KB FT DEPT	TH
8 JOINTS 7 0D #/FT □14 □15.5 □17 □20 □2	4	
PUMP 85 SAC CEMENT 545 GAL.DISP. CIRC. 3	BBL TO PIT	
PLUG DOWN TIME 12:00 AM MPM DATE	7-08-08	
CEMENT LEFT IN CSG. 20 FT CENTRALIZER 1 TYPE: PORTLAND CEMENT COST \$ 1		ASTM C 150
ELEVATION 3725 +12KB 3737		
PIPE TALLY		
1. 41.72 2. 41.52 3. 40.49 4. 41.74 5. 41.73		

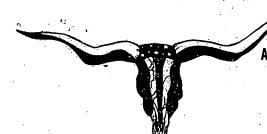
8. 71.73 9. 10. 11. 12. 13. 14. TOTAL 332.36

6. 41.717. 41.72

RECEIVED KANSAS CORPORATION COMMISSION

FEB 0 6 2009

CONSERVATION DIVISION WICHITA, KS



FIELD SERVICE ORDER NO.

A DIVISION OF ADVANCED DRILLING TECHNOLOGIES, LLC.

FIELD SERVICE TICKET

LONGHORN CEMENTING CO.

P.O. BOX 203 YUMA, COLORADO 80759 Phone: 970-848-0799 Fax: 970-848-0798

W		ئەرچە ئىرىنى د		DATE	7/9/0	28 TICK	ET NO	1592				
DATE OF 7/9/08 DISTRICT	7/9/08 DISTRICT				NEW OLD PROD INJ WDW CUSTOMER ORDER NO.:							
CUSTOMER	7,				LEASE FRIKON+ 31-3 WELL NO.							
ADDRESS					COUNTY STATE							
CITY STATE	STATE				SERVICE CREW Thomas / Drue / Damon							
AUTHORIZED BY		EQUIPM	IENT 🎜	um		<u> </u>		71.10 2				
	Appen -				TRUCK CALLED	///	DATE AM TIME PM					
SACKS BRAK SIZE HOLE: DEPTH FT. 7.5	Dia TYPE		ADMIXE		ARRIVED AT JO	В		AM PM				
SIZE & WT. CASTING USED DEPTH FT.	7.1	X			START OPERAT	A14						
SIZE & WT. D PIPE OR TUBING DEPTH FT.	[*]	70.404	100.40		FINISH OPERAT	ION		AM PM				
TOP PLUGS TYPE: WEIGHT OF SLURRY VOLUME OF SLURRY VOLUME OF SLURRY			S. / GAL: LBS. / GAL:					AM				
SACKS C	EMENT TREATED V	9 <u>_ حتم</u> VITH	هر OF <u>(زیم</u>	110		TATION TO WELL	• •	PM PM				
PRTD MAX DEPTH //08/ FT. N	IAX PRESSURE	000	P.S.I.			3			<u>:</u>			
shall become a part of this contract	without written co		officer of A			ologies, LLC. DPERATOR, CONT	RACTO	R OR AGENT)				
TEM / PRICE REF. NUMBER MATERIAL, EQUIPMENT AND	SERVICES (JSED		UNIT	QUANTITY	UNIT PRICE		\$ AMOUNT				
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MAP 75 5KS Comer	1/0.15	<i>p</i> ari							T			
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SERVICE REPRESENTATIVE	THE ABOVE N				VEDBUCK	K M	وسير المراكب	4	:-			

(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)