# KANSAS CORPORATION COMMISSION ORIGINA Form ACO-1 OIL & GAS CONSERVATION DIVISION ORIGINAL September 1999 Form Must Be Typed

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

Operator: License #33325	API No. 15 - 023-20836-0000				
Name: Petroleum Development Corporation	County: Cheyenne				
Address: 120 Genesis Blvd., Charles Pointe, PO Box 26	NWNESec34Twp3S. R42 East				
City/State/Zip: Bridgeport WV 26330	530 feet from S / (**O (circle one) Line of Section				
Purchaser: Riley Natural Gas Company	2290 feet from $\Theta$ / W (circle one) Line of Section				
Operator Contact Person: Larry Robbins	Footages Calculated from Nearest Outside Section Corner:				
Phone: (_303)860-5800	(circle one) <b>Q</b> E SE NW SW				
Contractor: Name: Schaal Drilling, Co. LLC & Advanced Drilling Technologies, LLC	Lease Name: Rice Well #: 31-34				
License: 33775 & 33532	Field Name: Cherry Creek Niobrara Gas Area				
Wellsite Geologist: N/A	Producing Formation: Niobrara				
Designate Type of Completion:	Elevation: Ground: 3706' Kelly Bushing: 3718'				
✓ New Well Re-Entry Workover	Total Depth: 1670' Plug Back Total Depth: 1629'				
Oil SWD 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:	W SA SING				
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan Al+   NCR 8-26-09 (Data must be collected from the Reserve Pit)				
Deepening Re-perf Conv. to Enhr./SWD	5000				
Plug Back Plug Back Total Depth					
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:				
02/25/2009 02/29/2009 05/04/2009	Lease Name: License No.:				
02/25/2008         02/28/2008         05/01/2008           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 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 regulations are complete and correct to the best of my knowledge.	te the oil and gas industry have been fully complied with and the statements				
Signature:	KCC Office Use ONLY				
- \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Letter of Confidentiality Received				
Subscribed and sworn to before me this	If Denied, Yes Date:				
20 08					
Notary Public: My Commission Ex	neres July 5, 2009				
Date Commission Expires:	AUG 0 6 2008				

Operator Name: Pet	Petroleum Development Corporation Lease			se Name:	lame: Rice Well #: 31-34					
Sec. 34 Twp. 3	S. R. 42	East	✓ West		nty: Chey					
ested, time tool ope emperature, fluid re	show important tops en and closed, flowin covery, and flow rate gs surveyed. Attach	g and shutes if gas to	-in pressures, surface test, a	whether llong with	shut-in pr	essure reached	static level, hydro	static pressur	es, botto	om hole
Orill Stem Tests Take		Ye	es 🗸 No		Įν	og Formatio	on (Top), Depth a	nd Datum		Sample
Samples Sent to Ge	•	✓ Ye	✓ Yes   ☐ No		Nan	ne		Тор		Datum
Cores Taken Electric Log Run (Submit Copy)	· ,	Ye	es 🔽 No		Niob	orara		1498'		
List All E. Logs Run:								KANSAS		EIVED ATION COMMISS
DIL/CDL/CNL	./GR and GR/	VDL/CB	L							6 2008
								со		ION DIVISION
			CASING		_				WICH	TA KS
Purpose of String	Size Hole	Size	e Casing	W	eight	ermediate, product Setting	Type of	# Sacks		and Percent
Surface	Drilled	7"	(In O.D.)	17#/ft	s. / Ft.	Depth 345'	Cement Type I/II cement	Used 100	Additives	
Production	6 1/8"	4 1/2		10.5#/ft		1651'	Type I/II cement	75		
Purpose: Depth Type of Cement #Sacks U			(s Used	QUEEZE RECORD  Type and Percent Additives						
Perforate Protect Casing Plug Back TD Plug Off Zone	Top Bottom	Турс	or coment	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			Type and re	nutric Additives		
Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated				e	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)  Depth					
2 1520-1534'					500 gal 7.5% HCL, 70 quality N2 foam 1520-1534'					
						86 bbls Mav-100 25# pad, 243 bbls fluid system,				
					964400 lbs of 16/30 mesh Daniels Sand,					
					3800 lbs of Ceramax 16/30 resin coated sand					
				310 MSCF N	2					
TUBING RECORD  2 3	Size 3/8"	Set At 1579'		Packer	At	Liner Run	Yes No			
Date of First, Resumero	d Production, SWD or E	nhr.	Producing Meth	od	Flowing	g 📝 Pumpin	g Gas Lift	Othe	r (Explain	)
Estimated Production Per 24 Hours	Oil 0	Bbis.		Vicf	Wate	er Bb		s-Oil Ratio		Gravity
Disposition of Gas	METHOD OF C	OMPLETION	105 I		0	Production Interv	N//	-		
Vented ✓ Sold (If vented, Su	Used on Lease	[	Open Hole	<b>√</b> Per	f. D	ually Comp. [	Commingled			

#### SCHAAL DRILLING, CO. **PO BOX 416 BURLINGTON, CO. 80807** 719-346-8032 FIELD REPORT

## SURFACE CASING, DRILLING AND CEMENTING

DRILLING DATE 2-25-08

WELL NAM	E & LE	ASE # Rice 31-34			
MOVE IN, R	IG UP,	DIG PITS ETC. DATE 2-2	28-08	TIME 2:00	□АМ 🛛 РМ
SPUD TIME	7:00	⊠AM □PM SHALE DE	PTH 255	TIME 9:00	⊠ам □РМ
HOLE DIA.	11	FROM <b>0</b> TO 337 TD		TIME 9:45	⊠ам □РМ
CIRCULATE, T.O.O.H., SET 332.39 FT CASING 345.39 KB FT DEPTH					
8 JOINTS	7	0D #/FT 14 15.5	]17 <u> </u> 20 <u> </u> 2	23	
PUMP 100 SAC CEMENT 527 GAL.DISP. CIRC. 6 BBL TO PIT					
PLUG DOWN 11:30 ⊠AM ☐PM DATE 2-25-08					

**ELEVATION 3706** +12KB 3718

CENTRALIZER 1

CEMENT LEFT IN CSG. 30 FT

PIPE TALLY

- 1. 42.11
- 2. 38.61
- 3. 42.85
- 4. 42.05
- 5. 42.28
- 6. 42.97
- 7. 38.95
- 8. 42.57
- 9.
- 10.
- 11.
- 12.
- 13.
- 14.

TOTAL 332.39

TYPE: PORTLAND CEMENT I/II ASTM C 150

**CEMENT COST \$ 1937.03** 

RECEIVED KANSAS CORPORATION COMMISSION

AUG 0 6 2008

CONSERVATION DIVISION WICHITA, KS

A DIVISION OF ADVANGED DATE	LING TECHNOLOGIES, LEC.
LONGHORN CEN	MENTING CO.
YUMA Priorio: 970 848-0799 Fax: 9	A. COLORADO 80759 970-848-0798
0 MAR 1 2 2008	DATE 02/28/05 TICKET NO. 1471
DATE OF JOB (22/28/08 DISTRICE) NEW WELL E	OLD PROD INJ WDW CUSTOMER ORDER NO.:
CUSTOMER POC UUSOBUUSE R	16 6 m31-34 WELL NO.
ADDRESS COUNTY	WU1742 STATE
CITY STATE SERVICE C	REW JAKE MIKE
AUTHORIZED BY EQUIPMEN	
TIPE SOB. 7 3	SACKS TRUCK CALLED DATE AM TIME PM ADMIXES
SIZE HOLE: 61/-1 DEPTH FT. 75- 14 7 TT	ARRIVED AT JOB PM
SIZE & WT. CASTING CORD CY/L, DEPTH FT.  SIZE & WT. D PIPE OR TUBING DEPTH FT.	SIART OPERATION PM
	LBS. / GAL FINISH OPERATION PM
VOLUME OF SLURRY 1.25 Garai	RELEASED AM PM
75 SACKS CEMENT TREATED WITH	P.S.I. W.C.
products, and/or supplies includes all of and only these terms and conditions appearing on the front are shall become a part of this contract without written consent or an office SIGNE	nd back of this document. No additional or substitute terms and/or conditions idea of Advanced Drilling Technologies, LLC.  ED:  (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)
MATERIAL, EQUIPMENT AND SERVICES USED	UNIT QUANTITY UNIT PRICE \$ AMOUNT
101-2 Depth Milliges charges Coment	36.44
300-12 7" (Entratizer	1 36 7
	50 00
400-2 Calcuino Cloride	1 51 288
	80 60
400-41 KCL	4 51685
	RECEIVED
	KANSAS CORPORATION COMMISSION
7:20 By Parts 20 BRLS Fluch	AUG 0 \$ 2008
7:40 Punp. 17.5 BRLS Carrent 6:15 PPE	CONSERVATION DIVISION
7:45 Aums. 36, BRLS Disp	WICHITA, KS
7:50 R Bump plug 10 2000 PIS	
	SUP TOTAL
ACID DATA:	SUB TOTAL
GALLONS % ADDITIVES SERVICE & EC	
HCL MATERIALS MATERIALS	%TAX ON \$ TOTAL
· ·	

SERVICE REPRESENTATIVE FIELD SERVICE ORDER NO. THE ABOVE MATERIAL AND SERVICE
ORDERED BY CUSTOMER AND RECEIVED BY:
(WELL OWNER, OPERATOR, CONTRACTOR AGENT)