

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1055575

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 31191	API No. 15 - 15-135-24301-00-01
Name: R & B Oil & Gas, Inc.	Spot Description: Approx. E/2 NW NW
Address 1: 124 North Main	SE_NE_NW_NW Sec. 16 Twp. 17 S. R. 22 East West
Address 2: PO BOX 195	490 Feet from V North / South Line of Section
City: ATTICA State: KS Zip: 67009 + 9217	1,181 Feet from East / West Line of Section
Contact Person: Randy Newberry	Footages Calculated from Nearest Outside Section Corner:
Phone: (620) 254-7251	□ne Ønw □se □sw
CONTRACTOR: License # 5929	County: Ness
Name: Duke Drilling Co., Inc.	Lease Name: MNM Partnership Well #: A1 OWWO
Wellsite Geologist: Tim Pierce	Field Name:
Purchaser:	Producing Formation: Cherokee
Designate Type of Completion:	Elevation: Ground: 2325 Kelly Bushing: 2333
☐ New Well	Total Depth: 4535 Plug Back Total Depth: 4478
	Amount of Surface Pipe Set and Cemented at: 316 Fee
✓ Oil WSW SWD Slow	
	Multiple Stage Cementing Collar Used? ✓ Yes No 1658
☐ OG ☐ GSW ☐ Temp. Abd.	If yes, show depth set: 1658 Feet
Cathodic Other (Core, Expl., etc.):	If Alternate II completion, cement circulated from: 1658
If Workover/Re-entry: Old Well Info as follows:	feet depth to:w/150sx cmt
Operator: Northern Lights Oil Co., LC	
Well Name: Delbert #1	Drilling Fluid Management Plan
	(Data must be collected from the Reserve Pit)
Original Comp. Date: 9/16/2004 Original Total Depth: 4415	Chloride content: ppm Fluid volume: _0 bbls
✓ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD ☐ Conv. to GSW	Dewatering method used: Evaporated
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	
SWD Permit #:	Lease Name: License #:
ENHR Permit #:	QuarterSecTwpS. R East Wes
GSW Permit #:	County: Permit #:
01/06/2011 01/08/2011 01/28/2011	
Spud Date or Date Reached TD Completion Date or	

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY	
Letter of Confidentiality Received	
Date:	
Confidential Release Date:	
☑ Wireline Log Received	
☑ Geologist Report Received	
UIC Distribution	
ALT I I II Approved by: Deanna Garmson Date: 05/16/2011	,

Side Two



1055575

Operator Name: R & I	B Oil & Gas, Inc	·	Lease N	Name:	MNM Partners	ship	_ Well #: <u>A1</u>	OWWC	<u> </u>
Sec. 16 Twp.17	s. _{R.} <u>22</u>	☐ East	County:	Ness			······································		· · · · · · · · · · · · · · · · · · ·
time tool open and clos	ed, flowing and shu if gas to surface te	d base of formations pen t-in pressures, whether s st, along with final chart(s well site report.	hut-in press	sure read	ched static level,	hydrostatic pres	sures, bottom t	nole temp	erature, fluid
Drill Stem Tests Taken (Attach Additional Sh	neets)	☐ Yes 📝 No		٧L٥	og Formation	ı (Top), Depth ar	nd Datum		Sample
Samples Sent to Geolo Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy)					Top 4263	_	Datum 1933)		
List All E. Logs Run:									
Sector Bond/Gamma Ra	ıy								
		CASING	RECORD	✓ Ne	w Used	•			
	Circ Main	Report all strings set-	1				# Sacks	Tuno	and Percent
Purpose of String	Size Hole Orilled	Size Casing Set (In O.D.)	Weig Lbs. /		Setting Depth	Type of Cement	Used		dditives
existing surface	12.250	8.625	23		316		200		
Production	7.875	4.5	10.5		4527	Class H	1 150 10% Salt		
L	1	ADDITIONAL	CEMENTI	NG / SQL	JEEZE RECORD			<u> </u>	-
Purpose: Perforate Protect Casing	Depth Top Bottom	Type of Cement	# Sacks			Type and	Percent Additives	s	
Plug Back TD Plug Off Zone	•								
Shots Per Foot		ON RECORD - Bridge Plug Footage of Each Interval Per				cture, Shot, Cemer		rd	Depth
2	4336 - 4354		<u>.</u>		2200 gal 7-1,	/2% HCC Acid			
TUBING RECORD:	Size: -3/8	Set At: 4438	Packer A	ıt:	Liner Run:]Yes ✔ No	3		
Date of First, Resumed F 2/15/2011	Production, SWD or EN	IHR. Producing Met	hod: Pumpin	ıg 🗀	Gas Lift 0	ther (Explain)			
Estimated Production Per 24 Hours	Oil 3	Bbls. Gas 0	Mcf	Wat	er Bi	ols.	Gas-Oil Ratio		Gravity
DISPOSITIO	N OF GAS:		METHOD OF	COMPLI	ETION:		PRODUCTI	ON INTER	 VAL:
Vented Sold	Used on Lease		Perf.	Dually	Comp. Con		336 - 4354		
(If vented, Subr	nit ACO-18.)	Other (Specify)		(Submit	MCO-DJ (SUBI	nit AGO-4) —			

ALLIED CEMENTING CO., LLC. 040634

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665 SERVICE POINT: Missing decks JOB START JOB FINISH CALLED OUT ON LOCATION RANGE 12:000M 22 COUNTY STATE LEASE M NAT WELL # A-HICKOLOCATION BOZINGIS, 4wto ROZ OLD OR MEW (Circle one) & N Einto OWNER R+B OIL and GOS CONTRACTOR PULLE DESILIAGE RYENTS TYPE OF JOB HOLE SIZE CEMENT AMOUNT ORDERED 50 St 60 :40:4% 60 CASING SIZE 4/2 DEPTH 4.520 +.4% sms DEPTH **TUBING SIZE** 150 sx closs# +10% soft +5# Kol Seal DRILL PIPE DEPTH TOOL DEPTH .30 sx PRES, MAX MINIMUM COMMON A@ 8 <u>=</u> 160 00 sx MEAS, LINE POZMIX SHOE JOINT @ 20 E CEMENT LEFT IN CSG **GEL** CHLORIDE PERFS. DISPLACEMENT 72 1/2 Hols 286 KCL ASC 5MS **EQUIPMENT** 150 5a1+ <u>/5 ಎ×</u> PUMP TRUCK CEMENTER MOHT house @ <u>. 89</u> @ 31. 25 150-Kolseal # 4/4/302 HELPER Ron 6 1/64 250 Gals Clapto **BULK TRUCK** 500 Gals @ 1.27 WFR-2 # 353/290 DRIVER LIBERO @ **BULK TRUCK** @ 2 HANDLING MILEAGE _ TOTAL 6675 REMARKS: Brk asception with Rig. Pump 20 hole 298 WLL H20 Pump 3 Holi fresh #20. Pump 500 gal ASE Pump 3 holy fresh #20. Mix 15 sx 60:40:4 SERVICE to plus Robbile, MIX 105x 60:40:4 for now bile
MIX 255. 604014 for scores or MIX 150 5X
Closs # + 10% solf + 5 & Kol sen! Shut days DEPTH OF JOB 2011 PUMP TRUCK CHARGE EXTRA FOOTAGE Emply 600 ps - Hope plus held MILEAGE 50 0 MANIFOLD. @ @ @ CHARGE TO: TOTAL 236/ STREET. STATE ZIP. PLUG & FLOAT EQUIPMENT 1-centralizess 10- scrotures @<u>_23</u> and show @ To Alfied Cementing Co., LLC. @ You are hereby requested to rent cementing equipment afu inser and furnish cementer and helper(s) to assist owner or Por Collar contractor to do work as is listed. The above work was TOTAL 230/ done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL SALES TAX (If Any) TERMS AND CONDITIONS" listed on the reverse side. TOTAL CHARGES. IERCE. PRINTED NAME. DISCOUNT IF PAID IN 30 DAYS SIGNATURE



CHARGE TO:	RY	B	Dil	76a3	 	
ADDRESS						
CITY, STATE,	ZIP CODE	<u> </u>			 	

пскет 19441

Thank You!

SERVICE LOCATIONS WELLIPROJECT NO. LEASE COUNTYPARISH STATE CITY DATE OWNER 1. Africa KS KS 9-4-11	
TICKET TYPE COMPRACTOR PC NAMEROO SCHOOLD TO GODED NO	
SUSPENICE	
PRICE SECONDARY REFERENCE/ REFERENCE PART NUMBER LOC ACCT OF DESCRIPTION QTY. UM QTY. UM PRICE	AMOUNT
575 / MILEAGE #/13 Spri 5500	20000
576 D / Pemp Charge - cout Bot Coller /194 16587 1/00 100	110010d
288 1 20/40 Brook Smad 1.5ts 23:00	22100
29A 1 D.A.R 5 pd 35po	17560
330 2 9mD Coment 180 5ks 17862 160	270000
276 2 Flearle 45/bs 150	67 50
581 2 Service Charge - Comant 320,50 /150	45000
583 2 Drange 378 24 TAV 18912 145 160	378,24
LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, Terms and conditions on the reverse side hereof which include, Terms and conditions on the reverse side hereof which include, Terms and conditions on the reverse side hereof which include, Terms and conditions on the reverse side hereof which include, Terms and conditions on the reverse side hereof which include, Terms and conditions on the reverse side hereof which include, Terms and conditions on the reverse side hereof which include, Terms and conditions on the reverse side hereof which include, Terms and conditions on the reverse side hereof which include, Terms and conditions on the reverse side hereof which include, Terms and conditions on the reverse side hereof which include, Terms and conditions on the reverse side hereof which include, Terms and conditions on the reverse side hereof which include, Terms and conditions on the reverse side hereof which include, Terms and conditions on the reverse side hereof which include, Terms and conditions on the reverse side hereof which include, Terms and conditions on the reverse side hereof which include, Terms are also as a second and the reverse side hereof which include, Terms are a second and the reverse side hereof which include, Terms are a second and the reverse side hereof which include, Terms are a second and the reverse side hereof which include, Terms are a second and the reverse side hereof which include, Terms are a second and the reverse side hereof which include, Terms are a second and the reverse side hereof which include, Terms are a second and the reverse side hereof which include, Terms are a second and the reverse side hereof which include, Terms are a second and the reverse side hereof which include, Terms are a second and the reverse side hereof which include in the reverse side hereof which include it is a second and the reverse side hereof which include it is a second and the reverse side hereof which include it is a	534274
but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions. SWIFT SERVICES, INC. WE UNDERSTOOD AND MET YOUR NEEDS? OUR SERVICE WAS PERFORMED WITHOUT DELAY?	1
P.O. BOX 466 WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?	336 59
DATE SIGNED TIME SIGNED SEAM. TO TOO OOOO DYES ON	5679 33

APPROVAL

SWIFT Services, Inc. DATE 4-11 PAGE HO. JOB LOG Mum Partnership Court Bit Collar CUSTOMER WELL NO. D.1.4603 79441 RIB PRESSURE (PSI)
UBING CASING PUMP8 VOLUME (BBL) (GAL) CHART DESCRIPTION OF OPERATION AND MATERIALS TIME TUBING acation a sect up Toks 1045 RBP (a 2020' Tog (a 2000 - Local +66 TST P.C. CASED - OK 32 800 Sout 15k sound on Plup The CO P.C 1658' - Down P.C 1315 300 Inj rede trok to the - Start Hob @ 12 BBI - Hose circulation 12 Puno 25 BB/ HiD 3 Sart 10 sts Gel 400 Fin Gal - 5-881 Had Spacer 3 350 Start sues Coment Can't CIE CO 150 8 kg . Mer wat ? 3 82 526 181 30 5ES @ 13.5 th = 10 8B1 3 100 92 geld, Fin ant - 180 Sts usud Displ 6 BBHA 4 class PC + TB Chard - OK Ren 2 starals -Ros-out 2 Has close 24, *2*0 Wash Sund DAP RBP W KOLUSE 57) Job Complete 1415 Washup to Thould 1500

Timothy G. Pierce Petroleum Geologist

GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG

		<u> </u>			
COMPANY R &	& B OII and Gas, Inc		ELEVATIONS		
LEASE MNM	Partnership 'A' #1 "(<u>"OWWO</u>	KB_2333'		
FIELD	Wildcat				
	'FNL & 1160' FWL		DF		
	SP_17S_RGE_		GL_2325'		
	STATE Kar				
	e Drilling Co. Rig #		Measurements Are All		
			From Kelly Bushing		
	COMP1-07-20		CASING		
RTD 4535	LTD NA				
MUD UP NA	TYPE MUDCh	<u>emical</u>	CONDUCTOR		
			surface 8-5/8" at 316'		
	ROM4422_T		PRODUCTION 4-1/2" at 4529'		
DRILLING TIME KEP	T FROM 4422 TO	O RTD	ELECTRICAL		
SAMPLES EXAMINE	D FROM 4422 TO	O RTD	SURVEYS		
GEOLOGICAL SUPE	RVISION FROM Surfa	ce to RTD	None		
	LL Tim Pierce				
GEOLOGIST ON WE	LL IIII I IEICE				
FORMATION TOPS	ELECTRIC LOG	SAMPLI			
Heebner Shale	3730 (-1400)				
Lansing	3772 (-1442)				
Pawnee	4152 (-1822)				
Cherokee Shale	4263 (-1933)		<u> </u>		
Mississippi	4361 (-2031)				
					
					
	Electric log tops using	old KB	[!		
	Pricerie tox 1002 02018	ייה ועני	- API# 15-135-24 ₋ 301-00-01		

ion pipe was run to test the Cherokee for commercial production,		
TIMOTHY A Pierce		
Timothy & Pierra		
Thready of 7 total		

			LEGEND		
Anhydrite Sandston DRILLING TIME IN		Limestone	Shale Carb Sh	Cherty LS Chert	Dolomite
MINUTES PER FOOT Rate of Persetration Decreases 5 10 15	DEPTH	ПТНОГОСА	GAS SCALE	SAMPLE DESCRIPTION	REMARKS
With new KB of 2333' TD was reached at 4421'	4400			Reached old TD at 4:30 AM 1-7-2011	1-05-11 - MIRT-RU 1-05-11 - 7:00 AM Drill rat and mouse hole - 9:30 AM start washing down old hole - reached old TD at 4:30 AM 1-7-1
	50			Chert - wht-gr-tan, opaque to translucent, fresh to sit weathered, blocky to angular, no show LS - tan-gr, fn xdin to sit granular, dense	1-07-11 - 7:00 AM drig new hole @ 4470' RTD 4535' @ 12 Pi
				LS - tan-gr, fn xôn, dense	
Losing fluid - PU off sottom - Geolograph licked out	4500			Dolo - tæn-li gr, sucrosic to fn xfin, scat gd vug por, gd int xtin por	
				Dolo - It gr-tan, sucrosic, gd vug and int xtln por	
RTD 4535' -				Sh - blk-gr	

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