

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1154031

Form ACO-1 August 2013 Form must be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #			API No. 15				
Name:			Spot Description:				
Address 1:			SecTwpS. R East West				
Address 2:			Feet from North / South Line of Section				
City: St	ate: Ziŗ	D:+	Feet from _ East / _ West Line of Section				
Contact Person:			Footages Calculated from Nearest Outside Section Corner:				
Phone: ()			□ NE □ NW	□ SE □ SW			
CONTRACTOR: License #			GPS Location: Lat:	, Long:			
Name:				. xx.xxxxx) (e.gxxx.xxxxx)			
Wellsite Geologist:			Datum: NAD27 NAD27				
Purchaser:			County:				
Designate Type of Completion:			Lease Name: Well #:				
New Well Re-Entry Workover			Field Name:				
	_		Producing Formation:				
☐ Oil ☐ WSW	SWD	SIOW	Elevation: Ground:	Kelly Bushing:			
☐ Gas ☐ D&A	☐ ENHR	☐ SIGW	Total Vertical Depth:	Plug Back Total Depth:			
☐ OG ☐ GSW ☐ Temp. Abd.			Amount of Surface Pipe Set and Cemented at: Feet				
CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):			Multiple Stage Cementing Collar Used? Yes No				
If Workover/Re-entry: Old Well Inf				Feet			
Operator:			If Alternate II completion, cement circulated from:				
Well Name:			, ,	w/sx cmt.			
Original Comp. Date:			loot doparto.	U/ U/_			
	_	NHR Conv. to SWD					
Deepening Re-perf. Plug Back	Conv. to GS		Drilling Fluid Management F (Data must be collected from the				
Commingled	Permit #:		Chloride content:	ppm Fluid volume: bbls			
Dual Completion Permit #:		Dewatering method used:					
SWD	Permit #:		Location of fluid disposal if ha	uled offsite:			
☐ ENHR	Permit #:		On and an Name				
GSW							
				License #:			
Spud Date or Date Rea	iched TD	Completion Date or		TwpS. R			
Recompletion Date		Recompletion Date	County:	Permit #:			

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							
Confidentiality Requested							
Date:							
Confidential Release Date:							
Wireline Log Received							
Geologist Report Received							
UIC Distribution							
ALT I II Approved by: Date:							

Page Two



Operator Name:				Lease N	Name: _			Well #:		
Sec Twp	S. R	East	West	County	:					
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in pres o surface test, along	sures, whethe with final cha	er shut-in pre art(s). Attach	essure reac n extra shee	hed stati t if more	c level, hydrosta space is neede	itic pressures, bot d.	tom hole temp	erature, fluid re	ecovery,
Final Radioactivity Lo files must be submitted						ogs must be ema	ailed to kcc-well-lo	gs@kcc.ks.go	v. Digital electr	onic log
Drill Stem Tests Taker (Attach Additional		Yes	☐ No				on (Top), Depth ar		Sampl	
Samples Sent to Geo	logical Survey	Yes	□No		Nam	е		Тор	Datum	1
Cores Taken Yes Electric Log Run Yes			☐ No ☐ No							
List All E. Logs Run:										
				RECORD	Ne					
	2	1				ermediate, product		T	I	
Purpose of String	Size Hole Drilled		Casing n O.D.)	Weig Lbs. /		Setting Depth	Type of Cement	# Sacks Used	Type and Pe Additive	
			ADDITIONAL	CEMENTIN	NG / SQL	JEEZE RECORD				
Purpose:	Depth Top Bottom	Type of	Cement	# Sacks	Used	Type and Percent Additives				
Perforate Protect Casing	100 20111111									
Plug Back TD Plug Off Zone										
1 lug 0 li 20 lio										
Did you perform a hydrau	ulic fracturing treatment	on this well?				Yes	No (If No, ski	ip questions 2 ar	nd 3)	
Does the volume of the t							= :	p question 3)		
Was the hydraulic fractur	ring treatment information	on submitted to	the chemical	disclosure re	gistry?	Yes	No (If No, fill	out Page Three	of the ACO-1)	
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) Depth					
Openny i ootage of Lauri iliterval remorated					,,					
TUBING RECORD:	Size:	Set At:		Packer A	t:	Liner Run:				
							Yes No			
Date of First, Resumed	Production, SWD or Ef	NHR. F	Producing Met	hod: Pumpin	a \square	Gas Lift 0	Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wat			Gas-Oil Ratio	Gra	avity
	1									
	ON OF GAS:		en Hole	METHOD OF			mmingled	PRODUCTION	ON INTERVAL:	ļ
Vented Solo	Used on Lease bmit ACO-18.)		en noie _	Perf.	(Submit		mmingled mit ACO-4)			

QUALITY OILWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107

Phone 785-483-2025 Cell 785-324-1041	Home	Office P.	O. Box 32 R	ussell, KS 67665	No.	(911		
Date 6-10-13 1)	Twp. 19	Range	Rush	State	On Location	12/10 AM		
	kasani 81 to	nina s in he	Location Rush	Center Ks	- W to CR	160, Sto		
Lease Combs	Well	1	Owner A	reT. 1/2W	, S/Into			
Contractor Sputhwing	1 # 2) I GO TANA	To Quality	Oilwell Gementing, In	nc.	at and furnish		
Type Job Surface	LUD' to not	oralt the o	cementer	You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.				
Hole Size 2/4 11	Charge	Charge RJM Company						
Csg. 85/8°N	T.D. O	2221	Street	The second of th				
Tbg. Size	Depth	COST OF THE OWNER.	City	on less when profite the control of the form of the control of the				
Tool	Depth	narta Isrla		The above was done to satisfaction and supervision of owner agent or contra				
Cement Left in Csg. 15	Shoe Joint	15'		Cement Amount Ordered) 50 5x Common 3%				
Meas Line	Displace	13 1	BUS 2760	idenosom a sviem ti	en enten in exemple In VIII lation in enten	Cetal deprins in		
EQUIP		d in bluerte b	Common	150	te de ao because ôty	familia od 17.14.		
Pumptrk 6 No. Cementer Helper Co	nnie (N.	Poz. Mix	SILE SAVIETO DE CONTROL DE CONTRO	s ges le de l'edit de lag s se con celeste	diffessible gni		
Bulktrk 10 No. Driver B	llu	намотац	Gel.	and/or merchand	ol a the BBR AHD I'c	(Admiray		
Bulktrik D. U. No. Driver Policy	R	E foreign C	Calcium	5	AND PARTY CULTONE	odo o notaje je		
JOB SERVICES	S & REMARKS	200 va bis	Hulls	Hulls the saboes dags to you dage to the good as a second				
Remarks: Coment of	al (Meulo	Salt	THEAUG STEELING	ALL GIVA SMOUTHER	E BENNELE		
Rat Hole	erie semeraud	echandles.	Flowseal	Flowseal				
Mouse Hole	a state Acres for a	PAR THE LUC	Kol-Seal	Kol-Seal				
Centralizers	buloni ,ngane.	e s vd tripu	Mud CLR	Mud CLR 48				
Baskets	i spemeb in	tani sintanan	CFL-117	CFL-117 or CD110 CAF 38				
D/V or Port Collar	report of early	a of merel al	Sand	Sand of Setting Screening and Market Setting Section 1				
consideration of the same			Handling	138		THE INTERIOR		
MRESIAGRAD SE	915		Mileage	(Figh	507	Haran Payy		
				FLOAT EQUIP	PMENT			
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Signature / / //lean	10	dans	to as CO; gar rielo	MICOOR BAY YEL LAUC	Total Charge	of all the CUST C		

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "Quality" shall mean Quality Oilwell Cementing, Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used,

sold, or furnished under the requirements of this contract.

- TERMS: Unless satisfactory credit has been established. "CUSTOMER" must tender full cash payment to "QUALITY" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "QUALITY," refunded directly to "CUS-TOMER." For purposes of this paragraph, QUALITY and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

- ATTORNEY FEES: In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the term of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limit to, a

reasonable sum as and attorney's fees.

- PRICES AND TAXES: All merchandise listed in "QUALITY'S" current price shall schedule are F.O.B. QUALITY'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by QUALITY shall be added to the quoted prices charged to CUSTQMER.

- TOWING CHARGES: QUALITY will make a reasonable attempt to get to and from each job site using its own equipment. Should QUALITY be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by QUAL-ITY, will be charged to and paid by CUSTOMER.

- PREPARATION CHARGES: If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay QUALITY for the expenses incurred by QUALITY as a result of the cancellation.

- DEADHAUL, CHARGES: Unless otherwise specified on the front of this Contract, a deadhaul charges as set forth in QUALITY'S.

current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

- SERVICE CONDITIONS AND LIABILITIES: 1. QUALITY carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond QUALITY'S control, QUALITY shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless QUALITY, its officers, agents and employees, from and against any and all claims or suits for:
- (A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:
- (B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with QUALITY'S performance of the job or furnishing of merchandise in accordance with this contract, unless

such loss or damage is caused by the willful misconduct or gross negligence of QUALITY or its employees.

2. With respect to any of QUALITY'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to QUALITY at the landing, CUSTOMER shall either recover the lost item without cost to QUALITY or reimburse QUALITY the current replacement cost of the item unless the loss or damage results from the sole negligence of QUALITY or its employees.

3. QUALITY does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements

caused by contamination of water or other fluids.

WARRANTIES: 1. QUALITY warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. QUALITY'S obligation under this warranty is expressly limited to repair replacement, or allowance for credit, at its option, for any merchandise which is determined by QUALITY to be defective. THIS IS THE SOLE WARRANTY OF QUALITY AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and QUALITY shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be constructed as a warranty by QUALITY of the success or the effectiveness of the result of any

work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by QUALITY or any interpretation of test, meter readings, chart information, analysis or research, or recommendations made by QUALI-TY, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of QUALITY or its employees in the preparation or furnishing of such facts, information or data. (C) Work done by QUALITY shall be under the direct supervision and control of the CUSTOMER or his agent and QUALITY will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

QUALITY OILWELL CEMENTING, INC.

No. 7917 Home Office P.O. Box 32 Russell, KS 67665 Phone 785-483-2025 Cell 785-324-1041 Range On Location Sec. Twp. County Date Location Well No. Lease To Quality Oilwell Cementing, Inc. 4 Contractor You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. Type Job Charge T.D. Hole Size To Csg. Depth Street Depth Tbg. Size City State Tool Depth The above was done to satisfaction and supervision of owner agent or contractor. Cement Amount Ordered Cement Left in Csg. Shoe Joint Displace Meas Line EQUIPMENT Common Cementer Helper No. Pumptrk Poz. Mix Driver Gel. Bulktrk Driver Driver No. Calcium Driver JOB SERVICES & REMARKS Hulls Salt Remarks: Rat Hole Flowseal Kol-Seal Mouse Hole Centralizers Mud CLR 48 **Baskets** CFL-117 or CD110 CAF 38 D/V or Port Collar Sand Handling 505Y Mileage FLOAT EQUIPMENT Guide Shoe Centralizer Baskets AFU Inserts Float Shoe Latch Down Pumptrk Charge Mileage

X Signature Tax

Discount

Total Charge

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(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with QUALITY'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of QUALITY or its employees.

2. With respect to any of QUALITY'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to QUALITY at the landing, CUSTOMER shall either recover the lost item without cost to QUALITY or reimburse QUALITY the current replacement cost of the item unless the loss or damage results from the sole negligence of QUALITY or its employees.

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2. More specifically:

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GENERAL INFORMATION

Client Information:

Company: RJM COMPANY

Contact: CHRIS HOFFMAN

Phone: Fax: e-mail:

Site Information:

Contact: BRAD MILLER

Phone: Fax: e-mail:

Well Information:

Name: COMBS #1

Operator: RJM COMPANY

Location-Downhole:

Location-Surface:

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: 6

Test Type: CONVENTIONAL Job Number: D1329

Test Unit:

Start Date: 2013/06/16 Start Time: 15:00:00

End Date: 2013/06/16 End Time: 21:40:00

Report Date: 2013/06/16 Prepared By: JOHN RIEDL

Remarks: Qualified By: KURT TALBOTT

RECOVERY: 730' SLIGHTLY MUD CUT WATER



P.O. Box 157

HOISINGTON, KANSAS 67544 (800) 542-7313

DRILL-STEM TEST TICKET

FILE: STC/Combs1dst1

TIME ON: 15:00 06/16/13

TIME OFF: 21:4`0 06/16\13

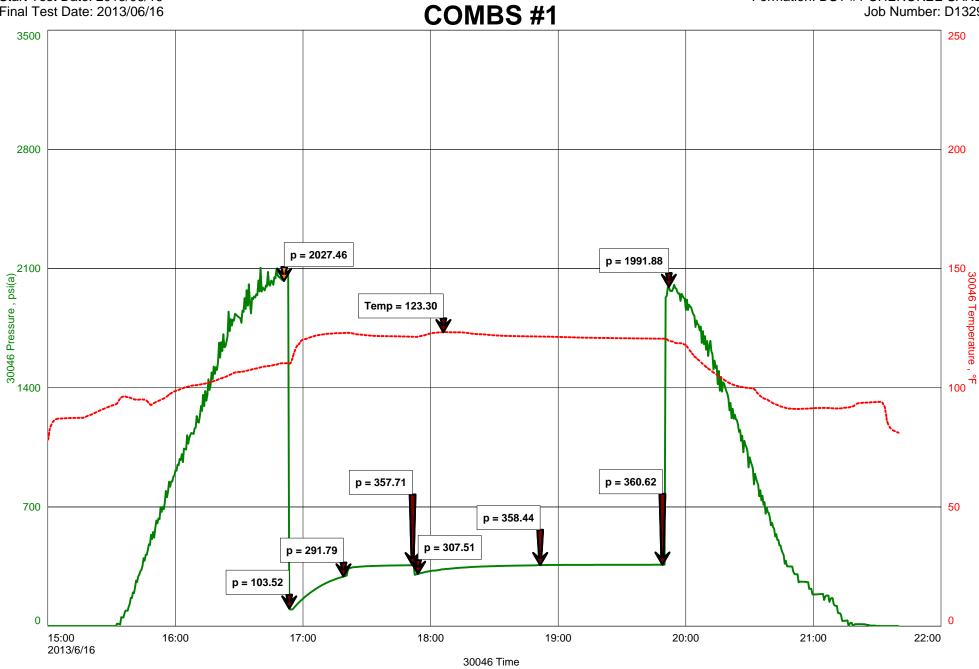
	FILE: STC/Co	ombs1dst1		
Company_RJM COMPANY		_Lease & Well NoCo	OMBS #1	
Contractor SOUTHWIND RIG 2		_ Charge to RJM COM	MPANY	
Elevation 2172 K.B Formation	CHEROKEE SANI	Effective Pay	F	t. Ticket No. D1329
Date 6/11/16 Sec. 11 Twp	19 S Ra	inge2	20 W County	RUSH State KANSAS
Test Approved By KURT TALBOTT		Diamond Representati	veJ	OHN RIEDL
Formation Test No. 1 Interval Tested	d from41	46 ft. to_	4179 ft. Total De	epth 4179 ft.
Packer Depthft. Size6		Packer depth		
Packer Depth 4146 ft. Size 6	3/4 in.	Packer depth	ft	. Size 6 3/4 in.
Depth of Selective Zone Set				
Top Recorder Depth (Inside)	4149 _{ft} .	Recorder Number_	30046 Ca	ap6000 P.S.I.
Bottom Recorder Depth (Outside)	4176 _{ft.}	Recorder Number_	11073 C	apP.S.I.
Below Straddle Recorder Depth	ft.	Recorder Number_	Ca	ap P.S.I.
Mud Type CHEMICAL Viscosity	54	Drill Collar Length	<u>0</u> ft.	I.D. <u>2 1/4</u> in.
Weight 9.2 Water Loss	8cc.	Weight Pipe Length	0_ft.	I.D. <u>2 7/8</u> in
50.50.00 A 40.000	5,000 P.P.M.	Drill Pipe Length	4120 _{ft.}	I.D. <u>3 1/2</u> in
Jars: MakeSTERLINGSerial Number		Test Tool Length	26 _{ft.}	Tool Size 3 1/2-IF in
Did Well Flow? NO Reversed Out		Anchor Length		Size 4 1/2-FH in
		Surface Choke Size	1in.	Bottom Choke Size 5/8 in
Blow: 1st Open: STRONG (B.O.B 2 1/2 MI	IN.)			NO BB
^{2nd Open:} STRONG (B.O.B 40 MIN.)				NO BB
Recovered 730 ft. of MW (5%MUD 95%WATE	ER) CHLORIDES	30,000 Ppm		
Recoveredft. of			Pric	ce Job
Recoveredft. of			Oth	ner Charges
Remarks: TOTAL FLUID RECOVERY: 730' IN	N DRILL PIPE		Ins	urance
TOOL SAMPLE GRINDOUT: 100% WATER			Total	
4.50 D.M. A.M.		7.50.0.14	A.M.	
	ime Started Off Bo	7:50 P.M		m Temperature123
Initial Hydrostatic Pressure		(A)	2037 P.S.I.	
Initial Flow Period		(B)	104 P.S.I. to (C)	292 _{P.S.I.}
Initial Closed In Period Minute	G.	(D)	358 P.S.I.	252
Final Flow Period		(E)	308 P.S.I. to (F)	358 _{P.S.I.}
Final Closed In PeriodMinutes	s60	(G)	361 P.S.I.	
Final Hydrostatic Pressure			1992 _{P.S.I.}	sustained, directly or indirectly, through

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

RJM COMPANY Start Test Date: 2013/06/16 Final Test Date: 2013/06/16

COMBS #1 Formation: DST #1 CHEROKEE SAND

Job Number: D1329



Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Sam Brownback, Governor

Mark Sievers, Chairman Thomas E. Wright, Commissioner Shari Feist Albrecht, Commissioner

August 02, 2013

Brian Miller RJM Company PO BOX 256 CLAFLIN, KS 67525-0256

Re: ACO1 API 15-165-22025-00-00 Combs 1 NE/4 Sec.11-19S-20W Rush County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully, Brian Miller