

#### KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 October 2008 Form Must Be Typed

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

OPERATOR: License # 5120	API No. 15 - 115-21,399-000					
Name: Range Oil Company, Inc.	Spot Description:					
Address 1: 125 N. Market, Suite 1120	SE_SE_SE_Sec. 17 Twp. 22 S. R. 4 V East West					
Address 2:	330 Feet from North / South Line of Section					
City: Wichita State: KS Zip: 67202 +						
Contact Person:John Washburn	Footages Calculated from Nearest Outside Section Corner:					
Phone: (316) 265-6231	□NE □NW ☑SE □SW					
CONTRACTOR: License # 30141	County: Marion					
Name: Summit Drilling Co.	Lease Name: Thiessen Well #: 1					
Wellsite Geologist: Tom Blair	Field Name:					
Purchaser:	Producing Formation:					
	Elevation: Ground: 1458 Kelly Bushing: 1468					
Designate Type of Completion: New Well Re-Entry Workover	Total Depth: 2450' Plug Back Total Depth:					
·	•					
Oil SWD SIOW	Amount of Surface Pipe Set and Cemented at: 219 Feet					
Gas ENHR SIGW CM (Coal Bed Methane) Temp. Abd.	Multiple Stage Cementing Collar Used? ☐ Yes ☑ No					
Dry Other	If yes, show depth set:Feet					
(Core, WSW, Expl., Cathodic, etc.)	If Alternate II completion, cement circulated from:					
If Workover/Re-entry: Old Well Info as follows:	feet depth to: sx cmt.					
Operator:	Drilling Fluid Management Plan D+A AI+ I NUC					
Well Name:	(Data must be collected from the Reserve Pit) 1-28-09					
Original Comp. Date:Original Total Depth:	Chloride content: 1200 ppm Fluid volume: 350 bbls					
Deepening Re-perf Conv. to Enhr Conv. to SWD	Dewatering method used: evaporation					
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:					
Commingled Docket No.:	Escation of halo disposal in hadica offsite.					
Dual Completion Docket No.:	Operator Name:					
Other (SWD or Enhr.?) Docket No.:	Lease Name: License No.:					
11-4-08 11-11-08	Quarter Sec TwpS. R East West					
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	County: Docket No.:					
Kansas 67202, within 120 days of the spud date, recompletion, workover or of side two of this form will be held confidential for a period of 12 months if re	th the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information equested in writing and submitted with the form (see rule 82-3-107 for confidencell report shall be attached with this form. ALL CEMENTING TICKETS MUST form with all temporarily abandoned wells.					
All requirements of the statutes, rules and regulations promulgated to regulate are complete and correct to the best of my knowledge.	the oil and gas industry have been fully complied with and the statements herein					
Signature: John M. Wishlim	KCC Office Use ONLY					
Title: Vice President Date: 1-14-09	Letter of Confidentiality Received					
Subscribed and sworn to before me this 14th day of anuaug	, If Denied, Yes Date:					
200	Wireline Log Received					
ZULL (Sha Dhalla)	Geologist Report Received					
Notary Public: Telegry Telegraphy	UIC Distribution					
Date Commission Expires: PEGGY L. SAILOR	KANSAS CORPORATION COMMAN					
Notary Public - State of Kansa	as					

My Appt. Expires December 8, 2011

JAN 15 2009

#### Side Two

Operator Name:	Range Oi	l Company, Inc.	Lease N	lame:	Thiesse	en	_ Well #:	1	
Sec. 17 Twp. 22		✓ East ☐ West			14-	rion			
me tool open and close	d, flowing and shut-i if gas to surface test	base of formations pend n pressures, whether sh , along with final chart(s port.	nut-in press	sure reache	ed static level,	hydrostatic pres	sures, bottom	hole temperature, flui	
Orill Stem Tests Taken (Attach Additional She	pets)	☑ Yes □ No		Log	Formatio	n (Top), Depth ar	nd Datum	✓ Sample	
Samples Sent to Geolog	·	☑ Yes ☐ No		Name			Тор	Datum	
Cores Taken Electric Log Run	,oar oar voy	☐ Yes ☑ No ☐ Yes ☑ No		Lansin BKC	g		1893' 2268'	-425 -800	
(Submit Copy)  st All E. Logs Run:  DST (1) 2410'-2430' 30-30- FSIP 522 T:96 F DST (2) 2430'-2450' 30-30-	60-60 Rec: 20' SOCM (3'	% oil) IFP 16-22 ISIP 546 FF( % oil) IFP 19-27 ISIP 596	P 23-27	Marma Missis RTD	aton sippian		2318' 2414' 2450'	-850 -946 -982	
FFP 27-35 FSIP 575 T:94 F		CASING		✓ New	Used				
Purpose of String	Size Hole Drilled	Report all strings set-c Size Casing Set (In O.D.)	Weig	jht	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	
Surface	12 1/4	8 5/8	24		219' common		200	3% CaCl	
		ADDITIONAL	CEMENTIN	NG / SQUE	EZE RECORD	1			
Purpose:  —— Perforate  —— Protect Casing  —— Plug Back TD  —— Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks	Used		Type and	Percent Additive	5	
Shots Per Foot	PERFORATION Specify Fo								
							KNNSAS	CORPORATION :	
		,					•	IAN 1 5 2009	
TUBING RECORD:	Size:	Set At:	Packer At	t:	Liner Run:	Yes No		NSERVANION DIVISA. VALGAITA KE	
Date of First, Resumed Pr	oduction, SWD or Enhr	. Producing Meth	nod:	Flowing	Pumpi			ner ( <i>Explain</i> )	
Estimated Production Per 24 Hours	Oil B	ols. Gas	Mcf	Water	Е	bis.	Gas-Oil Ratio	Gravity	
DISPOSITION			METHOD OF				PRODUCT	ON INTERVAL:	
☐ Vented ☐ Sold  (If vented, Subm	Used on Lease	Open Hole Other (Specify)	Perf.	Dually C	.omp Co 	mmingled			



#### **REMIT TO**

Consolidated Oil Well Services, LLC Dept. 970 P.O. Box 4346 Houston, TX 77210-4346



INVOICE

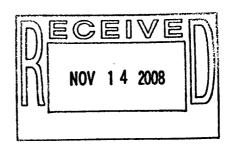
Invoice #

227347

Invoice Date: 11/12/2008 Terms: Page 1

RANGE OIL CO. INC. 125 N. MARKET, SUITE 1120 WICHITA KS 67202 ( ) - THIESSEN #1 20398 11-11-08

=====			5					
Part N	umber Description	Qty	Unit Price	Total				
1131	60/40 POZ MIX	75.00	11.3500	851.25				
1118A	S-5 GEL/ BENTONITE (50#)	260.00	.1700	44.20				
	Description	Hours	Unit Price	Total				
	MIN. BULK DELIVERY	1.00	315.00	315.00				
	P & A NEW WELL	1.00	925.00	925.00				
	EOUIPMENT MILEAGE (ONE WAY)	30.00	3.65	109.50				



RECEIVED KANSAS CORPORATION COMMISSION

JAN 15 2009

CONSERVATION ......

.abor: .00 Misc: .00 Total: 2301.36	arts:	895.45	Freight:	.00	Tax:	56.41	AR	2301.36
Change 00 Change 00	abor:		_	.00	Total:	2301.36	•	
Subit: .00 Supplies: .00 Change: .00	ublt:	.00	Supplies:	.00	Change:	.00		

Signed\_\_\_\_\_\_ Date\_\_\_\_\_



#### **REMIT TO**

Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE P.O. Box 884 Chanute, KS 66720 620/431-9210 • 1-800/467-8676 FAX 620/431-0012

Invoice #

227258

INVOICE

Invoice Date:

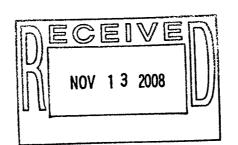
11/10/2008 Terms:

Page

=== 1

RANGE OIL CO. INC. 125 N. MARKET, SUITE 1120 WICHITA KS 67202 ( ) - THIESSEN #1 20395 11-05-08

====					
Part	Number	Description	Qty	Unit Price	Total
1104S	,	CLASS "A" CEMENT (SALE)	200.00	13.5000	2700.00
1102		CALCIUM CHLORIDE (50#)	564.00	.7500	423.00
1118A	1	S-5 GEL/ BENTONITE (50#)	375.00	.1700	63.75
1107		FLO-SEAL (25#)	50.00	2.1000	105.00
4432		8 5/8" WOODEN PLUG	1.00	77.0000	77.00
4106		8 5/8" CEMENT BASKET	1.00	306.0000	306.00
4132	•	CENTRALIZER 8 5/8"	2.00	66.0000	132.00
	Description		Hours	Unit Price	Total
485	CEMENT PUMP (	SURFACE)	1.00	725.00	725.00
485	EQUIPMENT MIL	EAGE (ONE WAY)	30.00	3.65	109.50
502	TON MILEAGE D		282.00	1.20	338.40



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JAN 15 2009

CONSERVATION OF A WICHTEN TO

Parts:	3806.75	Freight:	.00	Tax:	239.84	AR	5219.49
_abor:	.00	Misc:	.00	Total:	5219.49		
Sublt:	.00	Supplies:	.00	Change:	.00		
							========

BARTLESVILLE, OK 918/338-0808

Signed\_

ELDORADO, KS 316/322-7022 EUREKA, Ks 620/583-7664 GILLETTE, WY 307/686-4914

McAlester, OK 918/426-7667

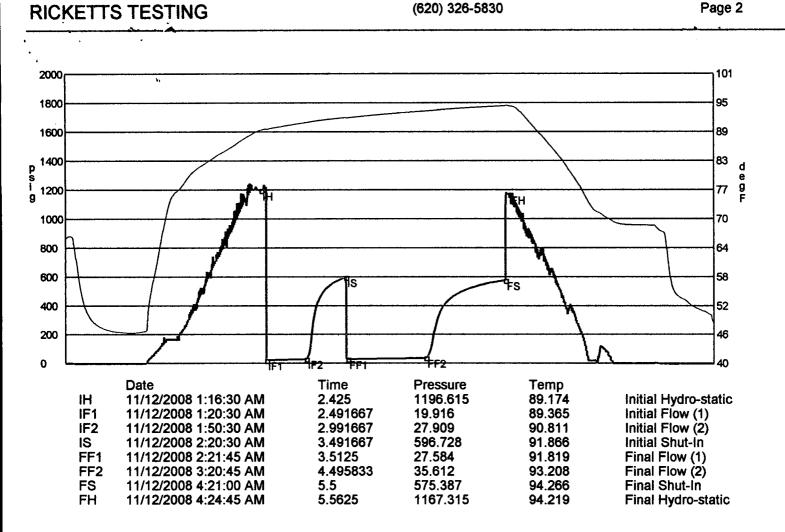
K Ottawa, Ks 785/242-4044

Ks Thayer, Ks -4044 620/839-5269

Date

Ks Worland, Wy -5269 307/347-4577

RICKETTS TESTING					(620) 326-5830					Page 1
Company Address CSZ Attn.	ddress 125 N. Market, Ste. 1120 SZ Wichita, KS 67202 ttn. Tom Blair					Thie 1 SE-S 17 22S Mari Sum	ng Co.	Job Ticket 2064 Range 4E State KS Co. Rig #1		
GENERAL II	NFORMATIO	N		Choi	·06	3/4	<u> </u>	Holo	Size 7 7/8	
Test # 2 Tester Test Type	Tester Tim Venters					3/4 W11 1356		noie	312e / //6	
# of Packers	Successful Te 2.0	st Packer Siz	e <b>6 3/4</b>	Mile	age dby Time	48 0		Appr	oved By	
Mud Type Mud Weight Filtrate	Gel Chem 9.2 Viscosity 50.0 Extra Equipmnt Jars & Safety joint Time on Site 10:30 PM Tool Picked Up 11:30 PM Tool Layed Dwn6:40 AM									
Drill Collar Len Wght Pipe Len					ation	1458		Kelle	y Bushings	1465.00
Formation Interval Top Anchor Len Be Total Depth Blow Type	2450.0 Weak surface	Bottom Between blow at the ak surface b	2450.0 0 start of the initial tolow at the start of , 60.	End flow p	t Date/Time Date/Time period, buil nal flow pe	11/1 Iding	2/2008 6: to 2 1/2 i	59 AM	1	
RECOVERY				<del></del>		<del></del>				
Feet Descripti				Gas		Oil		Wate	er <u>l</u>	Mud
35 Slight oil	cut mud			0%	Oft	2%	0.7ft	0%	Oft	98% 34,3ft
DST Fluids	0									



GAS FLOWS

Min Into IFP Min Into FFP Gas Flows Pressure Choke



# Ricketts Testing Inc.

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JAN 15 2009

CONSERVATION DIVISION WICHITA, KS

### **DRILL STEM TEST REPORT**