

Confidentiality Requested:

Yes No

## Kansas Corporation Commission Oil & Gas Conservation Division

1236311

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:			Sec.	TwpS. R	East _ West			
Address 2:			F6	eet from	South Line of Section			
City: S	tate: Zi	p:+	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:			(e.g. xx.xxxxx) (e.gxxx.xxxxx)					
Wellsite Geologist:			Datum: NAD27 NAD83 WGS84					
Purchaser:			County:					
Designate Type of Completion:			Lease Name:	We	ell #:			
New Well Re	-Fntrv	Workover	Field Name:					
	_	_	Producing Formation:					
☐ Oil ☐ WSW ☐ D&A	☐ SWD	∐ SIOW □ SIGW	Elevation: Ground:	Kelly Bushing: _				
	GSW	Temp. Abd.	Total Vertical Depth:	Plug Back Total De	epth:			
CM (Coal Bed Methane)	dow	тетір. ды.	Amount of Surface Pipe Se	et and Cemented at:	Feet			
Cathodic Other (Con	e. Expl., etc.):		Multiple Stage Cementing Collar Used? Yes No					
If Workover/Re-entry: Old Well In			If yes, show depth set:		Feet			
Operator:			If Alternate II completion, o	cement circulated from:				
Well Name:			feet depth to:	w/	sx cmt.			
Original Comp. Date:	Original To	otal Depth:						
Deepening Re-perf.	Conv. to E	NHR Conv. to SWD	Drilling Fluid Managemer	nt Plan				
☐ Plug Back	Conv. to G	SW Conv. to Producer	(Data must be collected from t					
O constitued and	D		Chloride content:	ppm Fluid volume:	bbls			
<ul><li>Commingled</li><li>Dual Completion</li></ul>			Dewatering method used:					
SWD			Location of fluid disposal if	f haulad offsita:				
☐ ENHR			Location of fluid disposal fi	nauleu olisite.				
GSW			Operator Name:					
_			Lease Name:	License #:				
Spud Date or Date Rea	ached TD	Completion Date or	QuarterSec	TwpS. R	East _ West			
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:



Operator Name:			Lease Name:			Well #:	
Sec Twp	S. R	East West	County:				
open and closed, flow	ing and shut-in pressu	ormations penetrated. Dures, whether shut-in preith final chart(s). Attach	ssure reached stati	c level, hydrosta	itic pressures, bott		
		otain Geophysical Data a or newer AND an image t		gs must be ema	ailed to kcc-well-lo	gs@kcc.ks.go	v. Digital electronic log
Drill Stem Tests Taken (Attach Additional S		Yes No			on (Top), Depth an		Sample
Samples Sent to Geol	ogical Survey	Yes No	Nam	Э		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
		CASING	RECORD Ne	w Used			
		Report all strings set-			ion, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
_	5 "	ADDITIONAL	CEMENTING / SQU	EEZE RECORD			
Purpose:  Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	# Sacks Used		Type and P	ercent Additives	
	ılic fracturing treatment or	n this well?		Yes	No (If No, ski	p questions 2 aı	nd 3)
Does the volume of the to	otal base fluid of the hydra	aulic fracturing treatment ex submitted to the chemical of	=	= =	No (If No, ski	p question 3) out Page Three	
Shots Per Foot	PERFORATIO Specify Fo	N RECORD - Bridge Plug potage of Each Interval Perl	s Set/Type forated		cture, Shot, Cement mount and Kind of Ma		d Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First, Resumed	Production, SWD or ENH	IR. Producing Meth		Gas Lift (	Other (Explain)		
Estimated Production Per 24 Hours	Oil B	bls. Gas	Mcf Wate	er B	bls. G	as-Oil Ratio	Gravity
DISPOSITIO	ON OF GAS:	N Open Hole		Comp. Cor	mmingled	PRODUCTIO	DN INTERVAL:
(If vented, Sub	omit ACO-18.)	Other (Specify)	(Submit A	(Sub	mit ACO-4)		

Form	ACO1 - Well Completion
Operator	Range Oil Company, Inc.
Well Name	Madden Unit 3
Doc ID	1236311

# Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight		Type Of Cement		Type and Percent Additives
surface	12.25	8.625	23.0	215	common	180	3% CaCl
production	7.875	5.5	14.0	2297	ThickSet	180	

810 E 7<sup>TH</sup> PO Box 92 EUREKA, KS 67045 (620) 583-5561



Cement or Acid Field Report
Ticket No. 1744
Foreman Steve Adead
Camp Eureka

Date	Cust. ID#	Leas	se & Well Number		Section	Township	Range	County	State
11-17-14	1034	Madden	unit # 3		31	195	6E	Chase	KS
Customer				Safety	Unit #	Driv	ver	Unit #	Driver
Ran	co oil	Company	Tax	Meeting	104	Mar	nn		
Mailing Address	8			Sm	112	Joh	ns		
1 THE R P. LEWIS CO., LANSING, MICH.	30x 781	775		Is					
City		State	Zip Code						
Wichi	ia	KS	67278						
	11.0	Holo Do	pth 216		Slurry Vol		Tu	bing	
			and the second of		•				
			ze/Z''4		Slurry Wt			ill Pipe	
Casing Size & \	Wt. 5 3/2 2	Cement	Left in Casing	0	Water Gal/SK			her	
Displacement_	12 2 66/3	Displac	ement PSI	<u> </u>	Bump Plug to	-	BF	PM	
Remarks: Sc	Cry MARC	Tine Rie	up To 8	& Cosin	Brow	K Ciccul	107:00 L	" Fresh (	1010
M'14 /89	ske Cla	St Camer	n W 3%	Carls	5647	devus	2010010	Plus D	isplace
124.111	(Co. 1)	-7- C	Shurwel	) \ \ (	- \	2 2 2		- 6 (1)	
					T	Plan Ac	701713	1030170	· ·
10hhl57	10 /11.		Complite	Kigoli	nwn				
				4					
		<u> </u>				Section 180			
			Thom	Kywa					
			7.1377	1					
	<del></del>								

1 50 1805ks	Pump Charge Mileage	8\$0.00 3.95	197.50
	Mileage		
180540	그리고 있다. 그 경기를 가지 않고 있다. 그 그는 그 사람들이 그 살아왔다.		11.70
180 sks			
4 200	Class A Cement	1500	2700.00
510#	3% 60012	.60	306.00
8.46	Jonnikage BulkTrack	1.35	571.05
1	83/8 Leaden Dlug	00.08	80.00
2		65.00	130.00
1	8 % Bosket	308.00	308.00
		Subjected	5132.55
	615%	Sales Tax	216.73
8	5.46 1 2 1	1 848 Leaden plug 2 848 Centralizer	5.46 Tonmikage BulkTrack  1 848 Looden plag  2 845 Centrolizer  1 848 Bosket  308.00  Subtatal  Sales Tax

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.

810 E 7<sup>TH</sup> PO Box 92 EUREKA, KS 67045 (620) 583-5561 CEMENTING & ACID SERVICE, LLC

Cement or Acid Field Report
Ticket No. 1965
Foreman Kevin McCoy
Camp

API \*15-017-20919

, ,, _		,									
Date	Cust. ID #	Leas	e & Well Number		Section	Town	nship	Range	Cou	nty	State
11-23-1	4 1034	Madde	EN UNIT #3		31	193	5	6E	Chase		Ks
Customer			in ann c	Safety	Unit #	1	Driv		Unit #		Driver
RAI	vee OIL Co	mpany INC.		Meeting	105		DAVE				
Mailing Add	ress	1.		KM DG	145		Scott John			_	
	Box 7817			SW	7.73		JOHN	٥.		-	
City	hitA	State	Zip Code	JS							
		Ks	67278								
Job Type 🗵	Longstring	Hole Dep	oth <u>2296                                  </u>	-	Slurry Vol. 5	9 860		Т	ubing		
Casing Dep	pth 2285.01	G.L. Hole Siz	ze		Slurry Vol. <u>5</u> Slurry Wt. <u>/3</u>	7 #			rill Pipe		
Casing Siz	e & Wt. <u>51/2</u> 14	Cement L	eft in Casing 5.50		Water Gal/SK			0	ther		2.1
Displaceme	ent <u>57 /4</u> Bb		ement PSI 800		Bump Plug to	130	P51	В	PM		4
Remarks:	SAFETY M	eeting: Rig	UP TO 51/2 CAS	CINA R	REAK CIRC	ulate	או נונו	5 811 -	Fresh WAT	ter Po	ma 12
BLL Me	tasiLicate 1	Re Flush 5 D	PBL WATER SPA	ces. M	1xed 180 51	ks 7	TICK !	Set Cem	ent who	* Kol-	Seal ICK @
13.7#/gA	L Vield 1.85	= 59 BLL 5/0	RRY. WASh out	Pump &	Lines Shu	+ do	un K	elease	Arch do	und Alu	2.
DISPLACE	Plug to S	EAT W/ 57/4	BL Fresh WAT	es Fin	VAL PUMPIN	a PRO	SSUM	800 PS	1. Runs	Plus	6-1300 PSI
WAIT 2	mins. Rel	ease Pressure	. FLOAT & PI	ug Hela	1. 600d Ci	RCUI	Ations	(a) ALL	times 1	while	Camputino
Job C	implete. Ri	a down.	,	1 11210			7 - 7 - 0,0	C //	7777763	01/1/6	Emening.
	,				15.						
	***	S v some	14		74 m	W. Target		*** 3		<u> </u>	
					3					\$	
CENTRA	Lizers on 1	1/+ SJ #35	7, 40, 42	Basket	ON TOP OF	- MA	cker .	Joint #	2.3	***	
		, , ,	, , , , , , , , , , , , , , , , , , , ,		Kara	j	i.			VIII.	
Code	Qty or Units	Description of	of Product or Serv	rices	t age			Unit	Price		Total
C 102	/	Pump Charg	е					103	50.00	105	0.00
C 107	50	Mileage							3.95	19	7.50
C 201	180 sks	THICK Set						19	2.50	35	10.00
C 207	900 #	KOL-SEAL 5	"/sk	• .	-				.45	4	105.00
									279.00		CO STATE OF
C 216	100 #	MetasiLicate	Pre Flush					A	<b>60</b>	- 8	00.00
0 .			*								
C 108 B	9.9 TONS	TON MILEAGE			1			1. 3	75	6	68.25
C 113	5 HRS	80 BBC VAC	TRUCK		es -			85	.00	4	25.00
C 224	3300 gAls	City WAter		•				10.00/1	000		33.00
						72					
C 703	1	5/2 AFU IN	SERT Flapper L	Alve			#	14	15.00	.14	45.00
C 421	1	51/2 LATCH O	town Plug		×				30.00	23	30.00
C 604	1	5/2 Cement	Basket '					22	5.00	22	25.00
C 504	6	5/2 × 7/8 C	entralizers		E	1.00		4	8.00	28	8.00
-	<u> </u>										
				. ,							
			THAI	VK You	L			Sub To		233	8.1835
		<u> </u>				6.1.	5%	Sale	es <sub>,</sub> Tax	*30	०१९।
Authoriz	ation Witness	ed By GARY Re	ed Title						Total	14	Ward Co

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.



P.O. Box 157 HOISINGTON, KANSAS 67544 (620) 653-7550 • (800) 542-7313

madden3dst1

Page 1 of 2 Pages

Company Range Oil Company, Inc.	Lease & Well No. Madde	n Unit No. 3	
Elevation 1481 EGL Formation Viola	Effective Pay		Ticket No. S0520
Date 11-21-14 Sec. 31 Twp. 19S Range	۰-	nase State	Kansas
T (A Kennoth C Wellese	Diamond Representative		<b>1cCallie</b>
Formation Tool No. 1	2 179	7	2.407
Formation Test No. 1 Interval Tested from 2 173 g			2,187 <sub>ft</sub>
Packer Depth 2,173 ft. Size 6 3/4 in.	Packer Depth		
Packer Depth 2,178 ft. Size 6 3/4 in.	Packer Depth	ft. Size	ein.
Depth of Selective Zone Setft.			
Top Recorder Depth (Inside) 2,159 ft.	Recorder Number	5515 Ca	ap5,000 psi.
Bottom Recorder Depth (Outside) 2,179 ft.	Recorder Number		ap. 5,000 psi.
Below Straddle Recorder Depthft.	Recorder Number	Ca	appsi.
Drilling Contractor C & G Drilling Company - Rig 1	Drill Collar Length	178 ft	.D2 1/4 ir
Mud Type Chemical Viscosity 53	Weight Pipe Length		
Weight 9.3 Water Loss 7.6 cc.	Drill Pipe Length		
Chlorides 880 P.P.M.	Test Tool Length		
Jars: Make Sterling Serial Number 4	Anchor Length		
Did Well Flow? No Reversed Out No	Surface Choke Size		oke Size 5/8 in
	Main Hole Size7		Size 4-FH in
Blow: 1st Open: Weak, surface blow increasing to 2 ins. in 30 mins. No blo			
2nd Open: No blow increasing to 1 1/4 ins. in 60 mins. No blow back			
	daming structure.		
Recovered ft. of	Gravity: 29 @ 60°		
Recovered ft. of oil cut mud = .049200 bbls. (Grind out: 27%-oil;	73%-mud)		
	3 3 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		
Recovered 55 ft. of TOTAL FLUID = .270600 bbls.			
Recoveredft. of			
Recovered ft. of			
Recovered ft. of  Recovered ft. of  Recovered ft. of  Remarks_Tool Sample Grind Out: 18%-oil; 82%-mud			
Recoveredft. of			
Recovered ft. of			
Recovered ft. of  Recovered ft. of  Recovered ft. of  Remarks_Tool Sample Grind Out: 18%-oil; 82%-mud	m9:54 P.MM	aximum Temperati	ure92°
Recoveredft. of	m9:54 P.M Ma 1057_P.S.I.		ure92°
Recoveredft. of	m9:54 P.M M: 1057 P.S.I. 8 P.S.I. to		ure92° 17_P.S.I.
Recoveredft. of	m9:54 P.M M: 1057_P.S.I. 8 P.S.I. to 754 P.S.I.	(C)	ле <u></u>
Recoveredft. of	m9:54 P.M Ma 1057 P.S.I. to 8 P.S.I. to 754 P.S.I. 18 P.S.I. to	(C)	ле <u></u>
Recoveredft. of	m9:54 P.M M: 1057_P.S.I. 8 P.S.I. to 754 P.S.I.		17 <sub>P.S.I.</sub>



# P.O. Box 157 HOISINGTON, KANSAS 67544 (620) 653-7550 • (800) 542-7313

Page 1 of 2 Pages

	madden3dst2	
Company Range Oil Company, Inc.	Lease & Well No. Madden Uni	t No. 3
1/91 EGI Viole	Effective Pay	
11 22 14 24 400	nge6ECountyChase	State Kansas
Konneth C Melless	Diamond Representative	
Formation Test No. 2 Interval Tested from	2,187 <sub>ft. to</sub> 2,197 <sub>ft.</sub>	Total Depth 2,197 ft
Packer Depth 2,182 ft. Size 6 3/4 in.		ft. Sizein.
Packer Depth 2,187 ft. Size 6 3/4 in.		
Depth of Selective Zone Setft.	T dokor Dopan	
Top Recorder Depth (Inside) 2,168 ft.	Recorder Number	5515 Cap. 5,000 psi.
Bottom Recorder Depth (Outside) 2,188 ft.	Recorder Number	5586 Cap. 5,000 psi.
Below Straddle Recorder Depthft.	Recorder Number	ры.
Drilling Contractor C & G Drilling Company - Rig 1	Drill Collar Length	178 ft I.D. 2 1/4 in
Mud TypeChemicalViscosity53		ft I.Din.
Weight 9.3 Water Loss 7.6	cc. Drill Pipe Length	
Chlorides 880 P.P.M.	Test Tool Length	33 ft Tool Size 3 1/2-IF in
Jars: Make Sterling Serial Number 4		10 ft. Size 4 1/2-FH in.
Did Well Flow? No Reversed Out No	Surface Choke Size 1 in.	
	Main Hole Size 7 7/8 in	
Blow: 1st Open: Weak, surface blow increasing to 1 3/4 ins. in 30 mins	s. No blow back during shut-in.	
2nd Open: No blow increasing to 1 in. in 60 mins. No blow back		
Recovered35 ft. of clean oil = .172200 bbls. (Grind out: 100%	-nil) Gravity: 29 @ 60°	
Recovered 10 ft. of oil cut mud = .049200 bbls. (Grind out: 199		
Recovered 45 ft. of TOTAL FLUID = .221400 bbls.	5 S., 6 176 Maay	
Recoveredft. of		
Recovered ft. of		
Remarks Tool Sample Grind Out: 13%-oil; 87%-mud		
Diesel in bucket.		9
Time Set Packer(s) 6:52 A.M. Time Started off B		um Temperature89°
Initial Hydrostatic Pressure	(A)P.S.I.	
	(B)9P.S.I. to (C)_	16 P.S.I.
	(D)P.S.I.	
	(E)16 P.S.I to (F)_	26 P.S.I.
	(G)P.S.I.	
Final Hydrostatic Pressure	(H)P.S.I.	

