

Confidentiality Requested:

☐ Yes ☐ No

Kansas Corporation Commission Oil & Gas Conservation Division

1160070

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:	Feet from
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: Well #:
☐ New Well ☐ Re-Entry ☐ Workover	Field Name:
Oil WSW SWD SIOW	Producing Formation:
Gas D&A ENHR SIGW	Elevation: Ground: Kelly Bushing:
OG GSW Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)
Commingled Paymit #	Chloride content: ppm Fluid volume: bbls
<pre>Commingled Permit #:</pre> Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	QuarterSecTwpS. 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:

Page Two



Operator Name:				Lease I	Name: _			Well #:		
Sec Twp	S. R	East	West	County	:					
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in press o surface test, along v	ures, whet vith final c	ther shut-in pre hart(s). Attach	essure reac extra shee	hed stati t if more	c level, hydrosta space is neede	tic pressures, bod.	ottom hole temp	erature, fluid re	ecovery,
Final Radioactivity Lo files must be submitte						gs must be ema	liled to kcc-well-	ogs@kcc.ks.go	v. Digital electi	ronic log
Drill Stem Tests Taker (Attach Additional		Ye	es No			J	on (Top), Depth		Samp	
Samples Sent to Geo	logical Survey	Ye	es No		Nam	e		Тор	Datum	1
Cores Taken Electric Log Run		☐ Ye								
List All E. Logs Run:										
				RECORD	Ne					
	0: 11.1					ermediate, product		" 0 1	T 15	
Purpose of String	Size Hole Drilled		e Casing (In O.D.)	Weig Lbs.		Setting Depth	Type of Cement	# Sacks Used	Type and Pe Additive	
			ADDITIONAL	CEMENTI	NG / SQL	JEEZE RECORD				
Purpose:	Depth Top Bottom	Туре	of Cement	# Sacks	Used	Type and Percent Additives				
Perforate Protect Casing	Top Detterm									
Plug Back TD Plug Off Zone										
1 lug 0 li 20 lio										
Did you perform a hydrau	ulic fracturing treatment of	on this well?	•			Yes	No (If No, s	kip questions 2 a	nd 3)	
Does the volume of the t			_		-		= ` `	kip question 3)		
Was the hydraulic fractur	ing treatment information	n submitted	to the chemical of	disclosure re	gistry?	Yes	No (If No, f	ill out Page Three	of the ACO-1)	
Shots Per Foot			D - Bridge Plug Each Interval Perf				cture, Shot, Ceme			Depth
						(_	
TUBING RECORD:	Size:	Set At:		Packer A		Liner Run:				
		0017111		. dono. 7		[Yes N	0		
Date of First, Resumed	Production, SWD or EN	HR.	Producing Meth	nod:	g 🗌	Gas Lift (Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wat	er B	bls.	Gas-Oil Ratio	Gra	avity
DIODOCITI	01.05.040			4ETUOD 05	001451	TION		DDODUCT	ONLINITED (A)	
DISPOSITION Solo	ON OF GAS: Used on Lease		N Open Hole	∥ETHOD OF ☐ Perf.			nmingled	PRODUCTION	ON INTERVAL:	
	bmit ACO-18.)		Other (Specify)		(Submit		mit ACO-4)			

Form	ACO1 - Well Completion
Operator	Range Oil Company, Inc.
Well Name	Four J, Inc. 1
Doc ID	1160070

Tops

Name	Тор	Datum
Heebner	1364	+165
Lansing	1681	-152
Kansas City	2021	-492
ВКС	2195	-666
Mississippian	2779	-1250
Kinderhook	3102	-1573
Arbuckle	3171	-1642
LTD	3176	-1647

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

October 01, 2013

John Washburn Range Oil Company, Inc. 9412 E. CENTRAL PO BOX 781775 WICHITA, KS 67278-1775

Re: ACO1 API 15-015-23985-00-00 Four J, Inc. 1 SE/4 Sec.30-28S-08E Butler 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, John Washburn

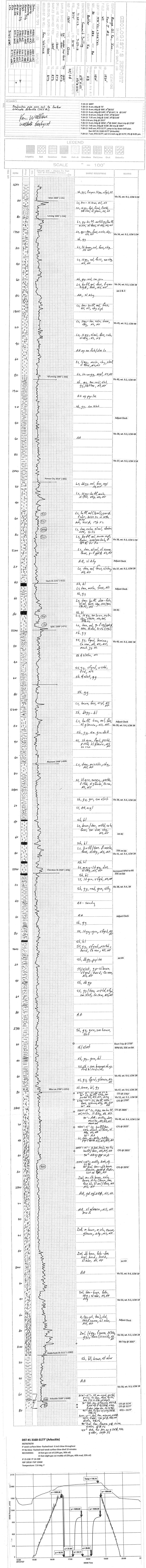


P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313

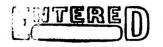
STC/Fourj1dst1

Page 1 of 2 Pages

521 FGL =	iny, Inc.		Lease & Well No. Fou	1 0 1110. 140.			
Elevation 1521 EGL Form	nation_Arbuckle		Effective Pay		Ft.	Ticket	NoJ3138
Date7-27-13 Sec		Ran		Butler	State_		ansas
Test Approved By	Ken Wallac	:e	Diamond Representative_		John (C. Riedl	
Formation Test No. 1	Interval Teste	d from	3,160 _{ft. to} 3,	<u>177 _{ft.} т</u> с	otal Depth	h	3,177 _{ft}
Packer Depth3,155	⁵ ft. Size	e6 3/4 in.	Packer Depth_		ft. Size	e	in.
Packer Depth 3,160	⁰ ft. Size	e6 3/4 in.	Packer Depth_		ft. Siz	ze	in.
Depth of Selective Zone Set_		ft.					
Top Recorder Depth (Inside)		3,163 _{ft.}	Recorder Num	ber3	30046 C	Сар	
Bottom Recorder Depth (Out	side)	3,174 _{ft.}	Recorder Num	ber1	11073 C	Сар	4,000 _{ps}
Below Straddle Recorder Dep	pth	ft.	Recorder Num	ber	c	Сар	ps
Drilling Contractor Summit D	rilling Company	/ - Rig 1	Drill Collar Length		300 ft	I.D	2 1/4
Mud TypeChemical	_ Viscosity	48	_ Weight Pipe Length		ft	I.D	i
Weight9.2	_Water Loss	9.4 c	c. Drill Pipe Length		2,834 _{ft}	I.D	3 _{ii}
Chlorides 900		P.P.M.	Test Tool Length				
Jars: MakeSterling	Serial Numb	per2	Anchor Length		17 _{ft.}	Size	4 1/2-FH ir
Did Well Flow? No Rev	versed Out	No	Surface Choke Size	1 _{in.}	Bottom C	hoke Siz	:e5/8 _. i
			Main Hole Size	7 7/8 in.	Tool Joir	nt Size	3 1/2-XH i
2nd Open: No blow. Flushed	d tool & received a	surface blow. Dea	d in 10 mins. No blow back during	shut-in.			
Recovered 15 ft. of slightly	gas cut muddy oil	= .073800 bbls. (G	10%-gas; 90%-oil) Grind out: 5%-gas; 55%-oil; 40%-mi	ud) Gravity: 2	8 @ 60°		
Recovered 15 ft. of slightly Recovered 33 ft. of TOTAL	gas cut muddy oil L FLUID = .162360	= .073800 bbls. (G	Grind out: 5%-gas; 55%-oil; 40%-mi	· y			
Recovered 15 ft. of slightly Recovered 33 ft. of TOTAL Recovered ft. of	gas cut muddy oil L FLUID = .162360	= .073800 bbls. (G	Grind out: 5%-gas; 55%-oil; 40%-m	· y			
Recovered 15 ft. of slightly Recovered 33 ft. of TOTAL Recovered ft. of	gas cut muddy oil L FLUID = .162360	= .073800 bbls. (G	Grind out: 5%-gas; 55%-oil; 40%-m	· y			
Recovered 15 ft. of slightly Recovered 33 ft. of TOTAL Recovered ft. of Recovered ft. of Recovered ft. of	gas cut muddy oil	= .073800 bbls. (G	Grind out: 5%-gas; 55%-oil; 40%-m	· y			
Recovered 15 ft. of slightly Recovered 33 ft. of TOTAL Recovered ft. of	gas cut muddy oil	= .073800 bbls. (G	Grind out: 5%-gas; 55%-oil; 40%-m	· y			
Recovered 15 ft. of slightly Recovered 33 ft. of TOTAL Recovered ft. of Remarks Tool Sample Grind (y gas cut muddy oil L FLUID = .162360 Out: 100%-oil	= .073800 bbls. (G	Grind out: 5%-gas; 55%-oil; 40%-mi	ý			4469
Recovered 15 ft. of slightly Recovered 33 ft. of TOTAL Recovered ft. of Recovered ft. of Recovered ft. of Recovered ft. of Remarks Tool Sample Grind (Time Set Packer(s) 4:40 P.I	y gas cut muddy oil L FLUID = .162360 Out: 100%-oil M Time	= .073800 bbls. (G	erind out: 5%-gas; 55%-oil; 40%-mi	· y		ature	116°
Recovered 15 ft. of slightly Recovered 33 ft. of TOTAL Recovered ft. of Recovered ft. of Recovered ft. of Recovered ft. of Remarks Tool Sample Grind (Time Set Packer(s) 4:40 P.I Initial Hydrostatic Pressure	y gas cut muddy oil L FLUID = .162360 Out: 100%-oil M Time	e Started off Bo	orind out: 5%-gas; 55%-oil; 40%-mi	Maximum	Tempera		
Recovered 15 ft. of slightly Recovered 33 ft. of TOTAL Recovered ft. of Recovered ft. of Recovered ft. of Recovered ft. of Remarks Tool Sample Grind (Time Set Packer(s) 4:40 P.I Initial Hydrostatic Pressure	y gas cut muddy oil L FLUID = .162360 Out: 100%-oil M Time	= .073800 bbls. (Gbbls.) bbls. e Started off Bo	erind out: 5%-gas; 55%-oil; 40%-mi	Maximum to (C)	Tempera	ature	
Recovered 15 ft. of slightly Recovered 33 ft. of TOTAL Recovered ft. of Recovered ft. of Recovered ft. of Recovered ft. of Remarks Tool Sample Grind (Sample	y gas cut muddy oil L FLUID = .162360 Out: 100%-oil M TimeMinutesMinutes	= .073800 bbls. (Gbbls.) bbls. e Started off Bo	ettom6:40 P.M	Maximum to (C)_	Tempera	22 _{P.}	S.I.
Recovered 15 ft. of slightly Recovered 33 ft. of TOTAL Recovered ft. of Recovered ft. of Recovered ft. of Recovered ft. of Remarks Tool Sample Grind (State of State of Sample Grind (State of Sample Grind (S	y gas cut muddy oil L FLUID = .162360 Out: 100%-oil M TimeMinutesMinutes	= .073800 bbls. (Gbbls.) e Started off Bo(A 30 (B 30 (B	ettom6:40 P.M	Maximum to (C)	Tempera	22 _{P.}	
Recovered 15 ft. of slightly Recovered 33 ft. of TOTAL Recovered ft. of Recovered ft. of Recovered ft. of Remarks Tool Sample Grind (Sample Gr	gas cut muddy oil L FLUID = .162360 Out: 100%-oil M.	= .073800 bbls. (Gbbls.) E Started off Bo(A 30 (E 30 (I 30 (I) 30 (I)	erind out: 5%-gas; 55%-oil; 40%-mi	Maximum to (C)_	Tempera	22 _{P.}	S.I.







TICKET NUMBER 43333

LOCATION Eureka KS

FOREMAN Shannon Feck
ORT

Box 884, Chanute, KS 66720

FIELD TICKET & TREATMENT REPORT

320-431-9210 or 800-467-8676	CEMEN	T #PI #	13-013 - 23	785	
DATE CUSTOMER # WELL NAME & NU		SECTION	TOWNSHIP	RANGE	COUNTY
	#/	30	285	8E	Butler
7-28-13 69-4 d Four J. Inc	1 . "		COREMATES.		
CUSTOMER Range Dil Company Inc.	Summit	TRUCK#	DRIVER	TRUCK#	DRIVER
MAILING ADDRESS	Drlg	445	Dave 6		
9412 E Central	Co	667	merle R		
CITY STATE ZIP CODE		637	Colby N		
Wichita KS 67278	'				
JOB TYPE 45 O HOLE SIZE 7 %	HOLE DEPTH	3/77	CASING SIZE & W	EIGHT 5/2"	@ 14#
CASING DEPTH 3 173 DRILL PIPE	TUBING			OTHER	Co 1 T.
SLURRY WEIGHT 134-134 SLURRY VOL 54 Bb	WATER gal/s	sk_ 9.0	CEMENT LEFT in	CASING	50 shoe Joint
DISPLACEMENT 78.5 Bb/ DISPLACEMENT PSI 600	_ MIX PSI_//6	00 Bump flag	RATE DISPL	ce @ 3	BPM
REMARKS: Rig up to 51/2" casing	W/ Packe		5040		
shoe w 1000 psi, Break cirwlat	ton w/	Bb Hz	, mited	100 # CC	austic, soda
Ove Flush W/14 Rbl, 10 Bbl	420 Space	r. mixed	1505K5	Thickse	+ Cement
W/5 # Kol-Seal/SK @ 13.4-13.6 #		but down		+ pump +	
disolar w/ 78,5 Bb/ 420, Final	Pumpin	9 Pressul	e of 60	0 psi, bu	med
Oly @ 1160 PSI. Plug & Float h	eld 60	/ / / /	ation @	all tim	105,
The complete					
7.02					
Cartializar on # 1.3.5.7.9					

ACCOUNT	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	1085.00	1085.00
5406	50	MILEAGE	4.20	2/0.00
1/26A	150 5KS	Thickset Cement	20.16	3024.00
1110 A	750 #	Kol-geal @ 5#/sk	, 46	345.00
1/03	100#	Caustic Soda Pre flush (14-15 Bb1)	1.69	167.00
4253		Type A Packer Shoe	266.75	266 75
4434	,	Sie Caren Court fily		
1130	5	51/2" Centralizors	50,50	252.50
4306	1	Thread lock Kit Ton mileage bulk Truck	25.00	25.00
5407A	8.25 Tons		90.00	577.64
5502 C 1123	7 Hrs 3000gals	80 Bbl Vac Truck	17.30/1000	51.90
112)	3000 9017			
			Sub Total	8299,6
		01.050 6.40%	SALES TAX	371.00
rin 3737	1 00	- delood	ESTIMATED TOTAL	8670,6
UTHORIZTION_	Sam Hour	TITLE	DATE	

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form



	Mell Service	wire				FOREMAN JO	coh S	torm
		FIEL D	TICKET	· · o TDEA	TMENT REP		2000_2	
PO Box 884, Ch	anute, KS 6672	.0	HUNE	CEMEN		2: 15-215-	-23985	00-00
	or 800-467-8676	WELLNA	ME & NUME		SECTION	TOWNSHIP	RANGE	COUNTY
DATE	CUSTOMER#				30	28	8Ē	Butler
7-20-13	6942	Four Jinc	_井/	1.0	30	7.0	0.2	
CUSTOMER Rand	e oil			18	TRUCK#	DRIVER	TRUCK#	DRIVER
MAILING ADDRE	SS	1 .		JM	603	Jeramy A		
125	Nm	acket.	Suite 112	bol L	491	Jerany M		
CITY		STATE ZII	CODE	1	702	Jacob		
Wichit	<i>c</i> .	KS 6	.7202					
JOB TYPES 4	Ager B	HOLE SIZE 121	12	HOLE DEPT	н_232	CASING SIZE & W	EIGHT <u>85/8</u>	
CASING DEPTH		DRILL PIPE		TUBING			OTHER_	
SLURRY WEIGH	114.51h	SLURRY VOL 3/	.25 6	WATER gal/	sk	CEMENT LEFT in	CASING 15 1	/
DISPLACEMENT		DISPLACEMENT P	si_300	MIX PSI_2	00	RATE Sop		
REMARKS: _		•	reak	Curcu	lation m	ix 1305k	s class	H 1
3/cc 2	/ //	b poly- Flak	ce disp	place	with 1	3. bbl cur	culating	Count to
Surface	Job	complete						
- WIF CI		-						
				£4.º				
							T	
ACCOUNT	QUANITY	or UNITS	Di	ESCRIPTION	of SERVICES or P	RODUCT	UNIT PRICE	TOTAL
SHO C	 	P	UMP CHARG	GE.			870.00	870,00
5406	1 2/		ILEAGE				4.20	126.00
5/100	1		· ·	ulko	elivery		368,00	368,00
5407 11 24 C	130		class	1			15,70	2041,00
11045	320		- des	" ch	locide		,78	249.60

CODE	20/1111/01/01/01			
54015		PUMP CHARGE		870,00
5406	30	MILEAGE		126.00
5407		Min bulk delivery class A calcium chloride		368,00
11045	130	class A	15,70	2041,00
102	320	calcium chloride	,78	249.60
1118 B	250	ael	122	55.00
1107	50	Pooly-Flake	12.47	123.50
4132	2	85/8 centralizer		145.00
4432	T T	85/8 wooden plug	84,00	84.00
79.52		1000		
		· · · · · · · · · · · · · · · · · · ·		
			Subtotal	4062,10
-				
			SALES TAX	N3.6
Ravin 3737		260111	ESTIMATED TOTAL	423417
AUTHORIZTION	· To-C	TITLE	DATE	
AU I HUNIE HUI				

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.