

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1074019

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 #34	038		API No. 15 - 15-101-22309-00-00
Name: Flatirons Resour			Spot Description:
Address 1: 303 E 17TH AV	E STE 940		NW_SE_NE Sec. 22 Twp. 16 S. R. 28 ☐ East West
Address 2:			1650 Feet from V North / South Line of Section
City: DENVER		:_80203+	990 Feet from 🗹 East / 🗌 West Line of Section
Contact Person: John Marv	n		Footages Calculated from Nearest Outside Section Corner:
Phone: (303) 292-390	2		☑NE □NW □SE □SW
CONTRACTOR: License # _3	3935		County: Lane
Name: H. D. Drilling, LLC			Lease Name: SRC Well #: 42-22
Wellsite Geologist: Clayton E	rickson		Field Name:
Purchaser:			Producing Formation: n/a
Designate Type of Completion			Elevation: Ground: 2646 Kelly Bushing: 7
		Workover	Total Depth: 4580 Plug Back Total Depth:
			Amount of Surface Pipe Set and Cemented at: 220 Feet
☐ Oil ☐ WSW	☐ SWD ☐ ENHR	☐ SIOW ☐ SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
☐ Gas 😿 D&A	GSW	Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Methane)	63**	Temp. Abd.	
Cathodic Other	Core. Expl., etc.):		If Alternate II completion, cement circulated from:
If Workover/Re-entry: Old We			feet depth to: w/ sx cmt
Operator:			
Well Name:			Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date:			
Deepening Re-	`	ENHR Conv. to SWD	Chloride content: 13300 ppm Fluid volume: 750 bbls
	Conv. to		Dewatering method used: Evaporated
Plug Back:			Location of fluid disposal if hauled offsite:
☐ Commingled			Operator Name:
Dual Completion	Permit #:		Lease Name: License #:
SWD	Permit #:		
ENHR	Permit #:		Quarter Sec TwpS. R East West
☐ GSW	Permit #:		County: Permit #:
10/3/2011 10/	14/2011	10/14/2011	
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: _02/14/2012	
Confidential Release Date:	
✓ Wireline Log Received	
Geologist Report Received	l
☐ UIC Distribution ALT ☐ I ☑ II ☐ III Approved by: Deanna Garrison Date: 02/15/2012	

Side Two



Operator Name: Flatin	rons Resources I	LC		Lease	Name: _	SRC		Well #: <u>42</u>	-22	
Sec. 22 Twp. 16	s. R. <u>28</u>	East	✓ West	County	_{/:} <u>Lane</u>					
INSTRUCTIONS: Show time tool open and clos recovery, and flow rates line Logs surveyed. Att	ed, flowing and shut- if gas to surface tes	in pressu t, along v	res, whether sivith final chart(hut-in pres	sure read	ched static level,	hydrostatic pro	essures, bottom I	nole temp	erature, fluid
Drill Stem Tests Taken (Attach Additional Sh	neets)	√ Y€	es 🔲 No		√ L	og Formatio	n (Top), Depth	and Datum		Sample
Samples Sent to Geolo	gical Survey	√ Ye	es 🗌 No		Nam Attach			Top Attached	•	Datum ttached
Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy)	Electronically	Ye	es 🔲 No							
List All E. Logs Run:										
Microresistivity, Dual Compe Borehole Compensated Son		luction								
		Repo		RECORD	✓ Ne	ew Used ermediate, product	ion, etc.			
Purpose of String	Size Hole Drilled	Siz	e Casing (In O.D.)	We	ight / Ft.	Setting Depth	Type of Cement	# Sacks Used		and Percent
Surface		8.625	. (6.5.)	24		220	common	200	2%gel	3% CaCl
			ADDITIONAL	L CEMENT	ING / SQL	JEEZE RECORD				
Purpose: —— Perforate	Depth Top Bottom	Туре	of Cement	# Sack	s Used		Туре аг	nd Percent Additives	s 	
Protect Casing Plug Back TD Plug Off Zone	-									
						1				1
Shots Per Foot			RD - Bridge Plug Each Interval Per				cture, Shot, Cen mount and Kind o	nent Squeeze Reco of Material Used)	rd	Depth
								·		
	,									
TUBING RECORD:	Size:	Set At:		Packer	At:	Liner Run:	Yes 🗸	No		
Date of First, Resumed F	Production, SWD or EN	HR.	Producing Met	thod:	ing [Gas Lift (Other (Explain) _			
Estimated Production Per 24 Hours	Oil E	Bbls.	Gas	Mcf	Wa	er E	Bbls.	Gas-Oil Ratio		Gravity
DISPOSITIO	N OF GAS:			METHOD O	F COMPL	ETION:		PRODUCT	ION INTER	RVAL:
Vented Sold	Used on Lease		Open Hole [Perf.	Duall		mmingled omit ACO-4)			
(If vented, Subr	nit ACO-18.)		Other (Specify)							

Form	ACO1 - Well Completion	
Operator	Flatirons Resources LLC	
Well Name	SRC 42-22	
Doc ID	1074019	

Tops

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Anhydrite top	2076	587
Anhydrite base	2110	553
Topeka	3621	-958
Heebner	3864	-1201
Lansing	3902	-1239
Base Kansas City	4228	-1565
Pawnee	4376	-1713
Johnson zone	4488	-1825
Mississippian	4526	-1863
TD	4583	-1920

ALLIEL CEMENTING C.J., LLC. 037372

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665

SERVICE POINT:

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ALLIEL CEMENTING C D., LLC. 037293

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665 SERVICE POINT:

	SEC.	TWP.	RANGE.	CALLEI	OUT	ON LOCATION	JOB START	JOB FINISH
DATE 10-14-11		14	28			VA. 3C.	COUNTY	STATE
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To Allied Ceme	enting Co.	, LLC.					@	
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and furnish cer	menter and	d helper(s)) to assist ow	ner or -			~	
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contractor. I h	ave read a	ind unders	stand the "GE	ENERAL	SALES TA	X (If Anv)		
TERMS AND	CONDIT	IONS" list	ted on the rev	verse side.	1			
4	. ,		سار ا		TOTAL CH	IARGES		
PRINTED NAM	4F / L	WAY.	10 / To 10 / T	FINER 1	DISCOUN	Т	IF	PAID IN 30 DAY
LYIN TED NYV	ستقبرسیست مقد،		, , , , , , , , , , , , , , , , , , , 		4	- 		
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SIGNATURE _	1500 hu	"Lagran	1.1.1.	<u></u>	. •			



Flatiorns Resources LLC

22-16-28

303 Ave STE 940 Denver CO, 80203 SRC 42-22 Job Ticket: 44329

DST#:1

ATTN: Clayton Erickson

Test Start: 2011.10.10 @ 14:26:00

GENERAL INFORMATION:

Time Tool Opened: 16:23:30

Time Test Ended: 20:54:15

Formation:

Kansas City "K"

Deviated:

Interval:

No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Initial)

Tester:

Jace McKinney

Unit No:

28

Reference Bevations:

2663.00 ft (KB)

2658.00 ft (CF)

Total Depth: Hole Diameter:

4152.00 ft (KB) To 4178.00 ft (KB) (TVD)

4178.00 ft (KB) (TVD)

7.88 inchesHole Condition: Fair

KB to GR/CF:

5.00 ft

Serial #: 8675 Press@RunDepth: Inside

92.26 psig @

4153.00 ft (KB)

2011.10.10

Capacity: Last Calib.: 8000.00 psig

Start Date: Start Time:

2011.10.10 14:26:01

End Date: End Time:

20:54:15

Time On Btm:

2011.10.10

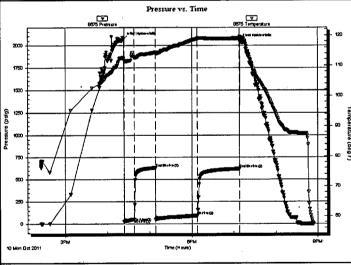
Time Off Btm:

2011.10.10 @ 16:23:00 2011.10.10 @ 19:09:00

TEST COMMENT: Built to 2" blow

No return blow Built to 3" blow

Weak surface return blow



PRESSURE SUMMARY

	THE COUNTY OF THE PROPERTY OF									
1	Time	Pressure	Temp	Annotation						
	. (Min.)	(psig)	(deg F)							
	0	2070.38	112.28	Initial Hydro-static						
	1	25.09	111.55	Open To Flow (1)						
	16	51.63	112.63	Shut-In(1)						
_	45	630.81	114.23	End Shut-In(1)						
empe	46	52.64	113.86	Open To Flow (2)						
Temperature (deg F)	105	92.26	118.85	Shut-In(2)						
(deg	165	619.97	118.95	End Shut-In(2)						
J	166	2047.16	119.31	Final Hydro-static						

Recovery

Length (ft)	Description	Volume (bbl)
140.00	mcw 10%M 90%W w ith oil spot	0.87
	-	
		<u> </u>
		<u> </u>

Gas Rates

Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

Trilobite Testing, Inc

Ref. No: 44329

Printed: 2011.10.10 @ 21:45:39



FLUID SUMMARY

deg API

50000 ppm

Flatiorns Resources LLC

22-16-28

303 Ave STE 940 Denver CO, 80203 SRC 42-22

Job Ticket: 44329

Serial #:

ATTN: Clayton Erickson

Test Start: 2011.10.10 @ 14:26:00

Oil API:

Water Salinity:

Mud and Cushion Information

Mud Type: Gel Chem Mud Weight:

10.00 lb/gal 58.00 sec/qt

Viscosity: Water Loss:

5.20 in³ 0.00 ohm.m

Resistivity: Salinity: Filter Cake:

3400.00 ppm 1.00 inches Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

bbl

ft

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
140.00	mcw 10%M 90%W with oil spot	0.871

Total Length:

140.00 ft

Total Volume:

0.871 bbl

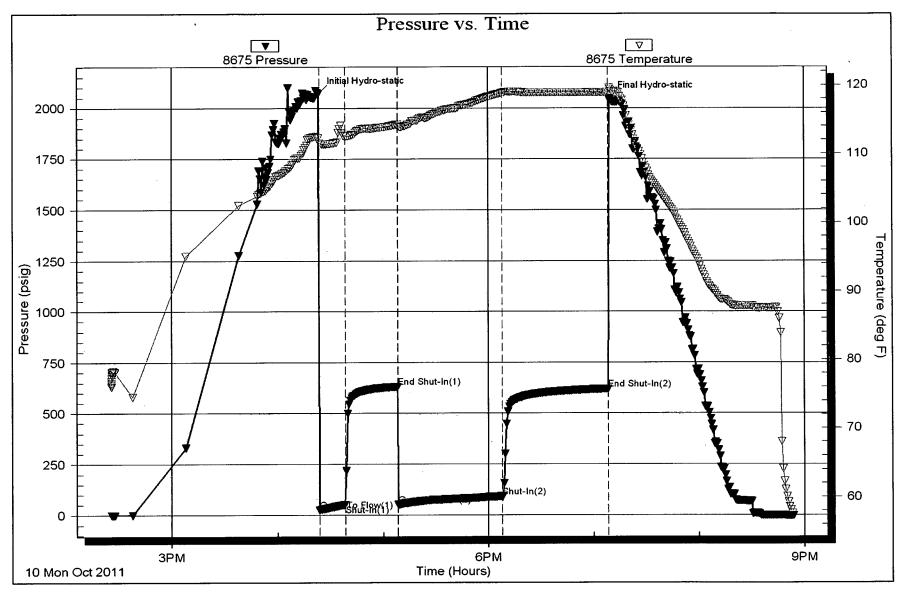
Num Fluid Samples: 0

Num Gas Bombs:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .73 @ 60 F = 50,000





Flatiorns Resources LLC

22-16-28

303 Ave STE 940 Denver CO, 80203 **SRC 42-22**

Job Ticket: 44330

ATTN: Clayton Erickson

Test Start: 2011.10.12 @ 05:35:00

GENERAL INFORMATION:

Formation:

Paw nee

Deviated:

No

Time Tool Opened: 08:14:30

Time Test Ended: 13:19:00

Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester:

Jace McKinney

Unit No:

28

2663.00 ft (KB)

Reference Bevations:

2658.00 ft (CF)

KB to GR/CF:

5.00 ft

Interval: Total Depth:

Start Date:

Start Time:

Hole Diameter:

4350.00 ft (KB) To 4392.00 ft (KB) (TVD)

4392.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair

Serial #: 8675 Press@RunDepth: Inside

57.89 psig @

2011.10.12 05:35:01

4351.00 ft (KB) End Date: End Time:

2011.10.12

13:19:00

Capacity: Last Calib.: 8000.00 psig

Time On Btm:

2011.10.12 2011.10.12 @ 08:14:15

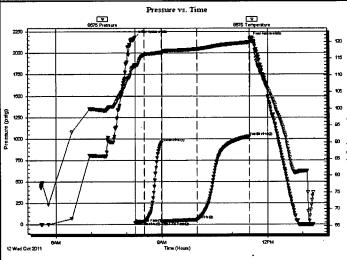
Time Off Btm:

2011.10.12 @ 11:30:15

TEST COMMENT: Built to 1 3/4" blow

No return blow Built to 6" blow

Very weak surface return blow



PRESSURE SUMMARY Time Temp Annotation Pressure (Min.) (psig) (deg F) 113.05 0 2183.85 Initial Hydro-static 17.50 112.36 Open To Flow (1) 30.58 Shut-In(1) 16 116.15 End Shut-In(1) 45 957.14 116.74 32.14 Open To Flow (2) 46 116.39 106 57.89 117.81 Shut-In(2) 1026.52 End Shut-In(2) 195 119.83 196 2161.34 121.01 Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
72.00	ocgmw 10%O 20%G 30%W 40%M	0.35
Recovery from n		ļ

Gas Rates

Choke (inches)

Pressure (psig)

Gas Rate (Mcf/d)

Trilobite Testing, Inc

Ref. No: 44330

Printed: 2011.10.12 @ 14:05:57



FLUID SUMMARY

Flatiorns Resources LLC

22-16-28

303 Ave STE 940 Denver CO, 80203 **SRC 42-22**

Job Ticket: 44330

ATTN: Clayton Erickson

Test Start: 2011.10.12 @ 05:35:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight:

10.00 lb/gal

Cushion Length:

ft bbl Water Salinity:

ppm

Viscosity: Water Loss: 48.00 sec/qt 6.00 in³

Cushion Volume:

Gas Cushion Type: Gas Cushion Pressure:

psig

Resistivity: Salinity: Filter Cake:

0.00 ohm.m 3800.00 ppm 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
72.00	ocgmw 10%O 20%G 30%W 40%M	0.354

Total Length:

72.00 ft

Total Volume:

0.354 bbl

Num Fluid Samples: 0

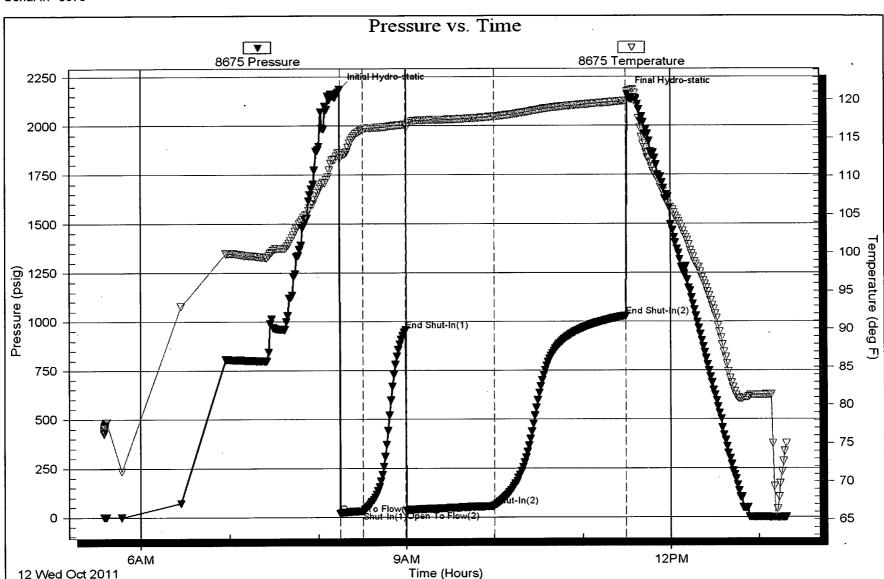
Num Gas Bombs:

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .1 @ 67 F = 70,000



12 Wed Oct 2011

DST Test Number: 2

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 Ward Loyd, Commissioner Thomas E. Wright, Commissioner

February 14, 2012

John Marvin Flatirons Resources LLC 303 E 17TH AVE STE 940 DENVER, CO 80203

Re: ACO1 API 15-101-22309-00-00 SRC 42-22 NE/4 Sec.22-16S-28W Lane 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 Marvin 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 Ward Loyd, Commissioner Thomas E. Wright, Commissioner

February 14, 2012

John Marvin Flatirons Resources LLC 303 E 17TH AVE STE 940 DENVER, CO 80203

Re: ACO-1 API 15-101-22309-00-00 SRC 42-22 NE/4 Sec.22-16S-28W Lane County, Kansas

Dear John Marvin:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 10/3/2011 and the ACO-1 was received on February 14, 2012 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department