



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1261936  
OIL & GAS CONSERVATION DIVISION

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 # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan

*(Data must be collected from the Reserve Pit)*

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

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  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

1261936

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No  List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, 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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size: _____ Set At: _____ Packer At: _____	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR. _____	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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810 E 7<sup>TH</sup>  
 PO Box 92  
 EUREKA, KS 67045  
 (620) 583-5561



**Cement or Acid Field Report**  
 Ticket No. 2563  
 Foreman Kevin McCoy  
 Camp EUREKA

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State		
10-9-15	1150	Spirit # 1	11	33S	SE	Cowley	Ks		
Customer Redtail Investments LLC			Unit #		Driver		Unit #	Driver	
Mailing Address 8045 SW 36 <sup>TH</sup> ST.			104		ALAN M.				
City OKLAHOMA CITY			113		CHRIS B.				
State OK		Zip Code 73179							

Job Type Squeeze Hole Depth \_\_\_\_\_ Slurry Vol. 18 BBL Tubing 2 7/8"  
 Casing Depth \_\_\_\_\_ Hole Size \_\_\_\_\_ Slurry Wt. 15\* Drill Pipe \_\_\_\_\_  
 Casing Size & Wt. 5 1/2" Cement Left in Casing 18' Water Gal/SK \_\_\_\_\_ Other \_\_\_\_\_  
 Displacement 15.5 BBL Displacement PSI 2500 Bump Plug to \_\_\_\_\_ BPM \_\_\_\_\_

Remarks: Safety Meeting: ARBUCKLE PERFS 3736-42'. 2 7/8 Tubing & PACKER Set @ 3724'. 2 7/8 Tubing Vol = 21.55 BBL. Rig up to 2 7/8 Tubing w/ PACKER unset. CIRCULATE ALL OF SALT WATER out of hole w/ 85 BBL fresh water. Set PACKER. Injection Rate into PERFS @ 3 BAM @ 850 PSI. 4 BAM @ 1150 PSI. 15IP 300 PSI. MIXED 75 SKS CLASS "A" Cement w/ 2% CACL2 = 18 BBL SLURRY. Shut down WASH out Pump & Lines. START Displacement @ 1.5 BPM @ 0 PSI. 8BBL in @ 700 PSI, 11 BBL in @ 1150 PSI, 13 BBL in @ 1600 PSI, 15.5 BBL in @ 2500 PSI. Shut down. 15IP 1250 PSI. Stage to 2500 PSI, 15IP 1700 PSI. Stage to 2500 PSI 15IP 2250 PSI. Release Pressure no flow BACK. BACK WASH 6 BBL Excess Cement out of Tubing the short way w/ 40 BBL water. Reset Packer, Repressure to 1000 PSI. Holding @ 1000 PSI. Release Pressure, Pull 1 JT & 2 Subs. Reset Packer. Repressure to 1100 PSI. Shut in for 30 minutes. Release Subs & 1 JT Tubing. BACK WASH AGAIN w/ 40 BBL fresh water. Pull tubing & PACKER. Job Complete. Rig down.

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C 104	1	Pump Charge	1050.00	1050.00
C 107	60	Mileage	3.95	237.00
C 200	75 SKS	CLASS "A" Cement	15.00	1125.00
C 205	140 *	CACL2 2%	.60 *	84.00
C 108	3.53 TONS	TON Mileage	M/C	345.00
				2841.00
				Less 5%
				146.13
				Sales Tax
				81.61
				6.75%
Authorization <u>Steve Howard</u> Title <u>owner</u>				Total
				2776.48

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



**Cement or Acid Field Report**

Ticket No. 2477

Foreman KEVIN M<sup>COY</sup>

Camp EUREKA

API # 15-035-24640-00-00

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State	
8-26-15	1150	Spirit # 1	11	335	SE	Cowley	Ks	
Customer	Mailing Address	City	State	Zip Code	Unit #	Driver	Unit #	Driver
Redtail Investments LLC	8045 SW 36 <sup>TH</sup> ST	OKLAHOMA City	OK	73179	105	DAVE G.		
					113	SHANNON F.		

Job Type Plug BACK Hole Depth 3967' KB Slurry Vol. 12 BBL Tubing \_\_\_\_\_  
 Casing Depth \_\_\_\_\_ Hole Size 7 7/8" Slurry Wt. 15 # Drill Pipe \_\_\_\_\_  
 Casing Size & Wt. \_\_\_\_\_ Cement Left in Casing \_\_\_\_\_ Water Gal/SK \_\_\_\_\_ Other \_\_\_\_\_  
 Displacement \_\_\_\_\_ Displacement PSI \_\_\_\_\_ Bump Plug to \_\_\_\_\_ BPM \_\_\_\_\_

Remarks: SAFETY Meeting: DRILLING Rig Lost Circulation @ 3895' & 3911' & 3934'. RAN DRILL COLLARS & DRILL PIPE OPEN ENDED TO 3950'. RIG UP TO 4 1/2" DRILL PIPE SPOT 50 SKS CLASS "A" CEMENT w/ 2% CaCl2, 3" CAL-SEAL/SK, 3" PHENOSEAL/SK @ 15#/GAL = 12 BBL SLURRY. DISPLACE w/ 53 BBL FRESH WATER. HAD CIRCULATION LAST 15 BBL OF DISPLACEMENT. TOH w/ 600' FT OF DRILL PIPE. WAIT 2 1/2 HRS. BREAK CIRCULATION w/ MUD PUMP. HUNG UP IN THE HOLE. SPOT 38 BBL LEASE OIL AROUND DRILL COLLARS. RIG UP KELLY TO DRILL PIPE. GOT LOOSE w/ OUT CIRCULATING. TOH. RAN IN w/ DRILL BIT. DRILL OUT CEMENT FROM 3750' TO 3850'. GOOD CIRCULATION. TOH FOR OPEN HOLE LOG.

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C 104	1	Pump Charge	1050.00	1050.00
C 107	60	Mileage	3.95	237.00
C 200	50 SKS	CLASS "A" Cement	15.00	750.00
C 205	100 #	CaCl2 2%	.60 #	60.00
C 215	150 #	CAL-SEAL 3#/SK	.40 #	60.00
C 208	150 #	PHENOSEAL 3#/SK	1.25 #	187.50
C 108	2.35 TONS	Ton Mileage	M/C	345.00
<i>Ron Link</i>				
THANK YOU M				
			Sub Total	2689.50
			Sales Tax 6.75%	71.38
			<b>Total</b>	<b>2760.88</b>

Authorization \_\_\_\_\_ Title \_\_\_\_\_ Total 2760.88  
 Less 5% 138.04  
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810 E 7<sup>TH</sup>  
 PO Box 92  
 EUREKA, KS 67045  
 (620) 583-5561



**Cement or Acid Field Report**

Ticket No. 2478  
 Foreman Kevin McCoy  
 Camp EUREKA

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State	
8-27-15	1150	Spirit # 1	11	33S	SE	Cowley	Ks	
Customer	Mailing Address	City	State	Zip Code	Unit #	Driver	Unit #	Driver
Redtail Investments LLC	8045 SW 36 <sup>TH</sup> ST.	OKLAHOMA CITY	OK	73179	105	DAVE G.		
					112	CHRIS B.		
					113	SHANNON F.		

Job Type Longstring Hole Depth PBTD 3853' Slurry Vol. 33 BBL Stage #1 Tubing \_\_\_\_\_  
 Casing Depth 3841.50' G.L. Hole Size 7 7/8 Slurry Wt. 13.7 Drill Pipe \_\_\_\_\_  
 Casing Size & Wt. 5 1/2 15.50\* Cement Left in Casing 0' Water Gal/SK 9.0 Other \_\_\_\_\_  
 Displacement 92.7 BBL Stage #1 Displacement PSI 600 Stage #1 Bump Plug to \_\_\_\_\_ BPM \_\_\_\_\_  
76 BBL Stage #2 900 Stage #2

Remarks: Safety Meeting: 5 1/2 Set @ 3841.50' G.L. DV Tool Set @ 3134' Below G.L. Rig up to 5 1/2 Casing. BREAK CIRCULATION w/ 5 BBL Fresh water. MIXED 100 SKS THICK Set Cement w/ 5\* Kol-Seal /SK, 2\* PhenoSeal /SK @ 13.7 #/gal, yield 1.85 = 33 BBL Slurry. WASH out Pump & Lines. Shut down. Release LATCH Down Flex Plug. Displace Plug to Seat w/ 92.7 BBL Fresh water. FINAL Pumping Pressure 600 PSI. Bump Plug to 1100 PSI. Release Pressure. Float & Plug Held. Drop Trip Bomb. wait 12 mins. open DV Tool @ 1400 PSI. Circulate Excess Cement OFF Top of DV Tool w/ mud Pump. = 8 BBL Slurry to Pit. Circulate for 2 1/2 Hrs w/ mud Pump. Stage #2. BREAK CIRCULATION w/ 5 BBL fresh water. MIXED 195 SKS THICK Set Cement w/ 5\* Kol-Seal /SK, 2\* PhenoSeal /SK @ 13.7 #/gal, yield 1.85, = 69 BBL Slurry. (Plug RAT Hole w/ 15 SKS). WASH out Pump & Lines. Shut down. Release Closing Plug. Displace Plug to Seat w/ 76 BBL Fresh water. FINAL Pumping Pressure 900 PSI. Close DV Tool @ 1400 PSI. Bump Plug to 1800 PSI. Release Pressure. NO FLOW BACK. Tool Closed. Job Complete. Centralizers on # 1, 4, 8, 12, 14, 16, 21, 25, 28, 33, 36, 39 Baskets on Top of # 4, 16, 33. DV Tool on Top of # 17

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C 102	1	Pump Charge Stage # 1	1050.00	1050.00
C 107	0	Mileage LEFT TRUCK ON LOCATION	0	N/C
C 101	1	Pump Charge Stage # 2	840.00	840.00
C 201	100 SKS	THICK Set Cement	19.50	1950.00
C 207	500 *	Kol-Seal 5 */SK } Stage # 1	.45 #	225.00
C 208	200 *	PhenoSeal 2 */SK	1.25 #	250.00
C 201	210 SKS	THICK Set Cement (195 SKS Prod. Csg. 15 SKS RAT. Hole)	19.50	4095.00
C 207	1050 *	Kol-Seal 5 */SK } Stage # 2	.45 #	472.50
C 208	420 *	PhenoSeal 2 */SK	1.25 #	525.00
C 108 B	17.05 TONS	Ton Mileage 60 miles	1.35	1381.05
C 691	1	5 1/2 Guide Shoe	167.00	167.00
C 674	1	5 1/2 AFU FLOAT COLLAR	342.00	342.00
C 776	1	5 1/2 DV Tool w/ Plugs	2800.00	2800.00
C 504	12	5 1/2 x 7 1/8 CENTRALIZERS	48.00	576.00
C 604	3	5 1/2 Cement BASKETS	225.00	675.00
Note: used MAX A Diz FOR WATER TRUCK				
				15,348.55
				Less 5% Sales Tax - 808.19
				+ 815.23
				6.75%
Total				15,355.59

Authorization [Signature] Title \_\_\_\_\_

THANK YOU

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



**Cement or Acid Field Report**

Ticket No. 2453  
 Foreman Steve Mead  
 Camp Eureka KS

APR 15 035-24640

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
8-21-15	1150	SPINIT #1	11	33S	5E	Cowley	KS
Customer			Safety Meeting	Unit #	Driver	Unit #	Driver
Redtail Investments LLC				104	Alan M		
Mailing Address				112	Ed S.		
8045 SW 36 <sup>TH</sup> ST.							
City	State	Zip Code					
Oklahoma City	OK	73179					

Job Type Surface Hole Depth 222 Slurry Vol. \_\_\_\_\_ Tubing \_\_\_\_\_  
 Casing Depth 211' GW Hole Size 12 1/4 Slurry Wt. \_\_\_\_\_ Drill Pipe \_\_\_\_\_  
 Casing Size & Wt. 8 5/8 24\* Cement Left in Casing 15' Water Gal/SK \_\_\_\_\_ Other \_\_\_\_\_  
 Displacement 13.2 Displacement PSI \_\_\_\_\_ Bump Plug to \_\_\_\_\_ BPM \_\_\_\_\_

Remarks: Safety Meeting: Rig up to 8 5/8 casing. Break circulation w/ 5 bbls Fresh water. Mix 130 sks Class A cement w/ 3% Caslz + 1/4" PhenoSeal per/sk. Displace w/ 13.2 bbls Fresh water. Shut well in Good cement Returns to surface 8 bbls TOPIT. Job Complete Rig down

*Thank You.*

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C101	1	Pump Charge	840.00	840.00
C107	60	Mileage	3.95	237.00
C200	130 sks	Class A Cement	15.00	1950.00
C205	365 #	Caslz 3%	.60	219.00
C208	32 #	PhenoSeal 1/4" per/sk	1.25	40.00
C108	6.11 Ton	Ten mileage Bulk Truck	1.35	497.91
<div style="border: 1px solid black; border-radius: 50%; padding: 10px; display: inline-block;">           5% &lt;196.51&gt;            \$3133.51         </div>				
			Sub Total	3780.91
			Sales Tax	149.11
			6.75%	
Authorization <u>M. D. J.</u> Title _____			Total	3930.02

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Conservation Division  
266 N. Main St., Ste. 220  
Wichita, KS 67202-1513



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

Shari Feist Albrecht, Chair  
Jay Scott Emler, Commissioner  
Pat Apple, Commissioner

Sam Brownback, Governor

January 04, 2016

Steve Howard  
Redtail Investments LLC  
8045 SW 36th ST.  
OKLAHOMA CITY, OK 73179

Re: ACO-1  
API 15-035-24640-00-00  
Spirit 1  
NE/4 Sec.11-33S-05E  
Cowley County, Kansas

Dear Steve Howard:

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 8/26/2015 and the ACO-1 was received on January 04, 2016 (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