Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
January 2018
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 32705
Name: Raney Oil Company, LLC
Address 1: 4665 BAUER BROOK CT.
Address 2:
City: LAWRENCE State: KS Zip: 66049 + 9013
Contact Person: Thomas Raney
Phone: (785) 749-0672
CONTRACTOR: License # 5929
Name: Duke Drilling Co., Inc.
Wellsite Geologist: Roger Martin
Purchaser: CVR

Designate Type of Completion:
☑ New Well ☐ Re-Entry ☐ Workover
☑ Oil ☐ WSW ☐ SWD
☐ Gas ☐ DH ☐ EOR
☐ OG ☐ GSW
☐ 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 EOR ☐ Conv. to SWD
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ EOR Permit #:
☐ GSW Permit #:

01/02/2020	01/11/2020	02/11/2020
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No.: 15-035-24714-00-00
Spot Description:
SE - NW - NW - NE Sec. 6 Twp. 34 S. R. 6 ☑ East ☐ West
445 Feet from ☑ North / ☐ South Line of Section
2255 Feet from ☑ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☑ NE ☐ NW ☐ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)*, Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Cowley
Lease Name: JONES Well #: 2A
Field Name:
Producing Formation: Lowe Mississippi
Elevation: Ground: 1195 Kelly Bushing: 1201
Total Vertical Depth: 3495 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 306 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: 05/26/2020
☐ **Confidential Release Date:**
☑ **Wireline Log Received** ☑ **Drill Stem Tests Received**
☑ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** Karen Ritter **Date:** 05/27/2020

Page Two

Operator Name: Raney Oil Company, LLC Lease Name: JONES Well #: 2A

Sec. 6 Twp. 34 S. R. 6 ☑ East ☐ West County: Cowley

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 ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

Geologist Report / Mud Logs ☑ Yes ☐ No

List All E. Logs Run:
Attached

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
heeb	1434	-217
layton	2240	-1023
Miss	3011	-1794
TD	3495	-2278

CASING RECORD ☑ New ☐ 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
Surface	12.25	8.625	24	306	Class A	200	3%cal 2%gel
Production	7.875	5.5	17	3496	Thick set	220	3%gel

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
____ Perforate ____ Protect Casing ____ Plug Back TD ____ Plug Off Zone	-			
	-			

1. Did you perform a hydraulic fracturing treatment on this well? ☑ Yes ☐ No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☑ No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/Injection: 03/13/2020

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*

PRODUCTION INTERVAL:

Top	Bottom
3168	3184
3138	3150

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record *(Amount and Kind of Material Used)*
1	3138	3150			
1	3168	3184			

TUBING RECORD: Size: 2.625 Set At: 3150 Packer At:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Raney Oil Company, LLC
Well Name	JONES 2A
Doc ID	1517360

All Electric Logs Run

DIL
sonic
micro
porosity

Form	ACO1 - Well Completion
Operator	Raney Oil Company, LLC
Well Name	JONES 2A
Doc ID	1517360

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	24	306	Class A	200	3%cal 2%gel
Production	7.875	5.5	17	3496	Thick set	220	3%gel

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

Kansas
Corporation Commission

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

Susan K. Duffy, Chair
Shari Feist Albrecht, Commissioner
Dwight D. Keen, Commissioner

Laura Kelly, Governor

May 26, 2020

Thomas Raney
Raney Oil Company, LLC
4665 BAUER BROOK CT.
LAWRENCE, KS 66049-9013

Re: ACO-1
API 15-035-24714-00-00
JONES 2A
NE/4 Sec.06-34S-06E
Cowley County, Kansas

Dear Thomas Raney:

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 01/02/2020 and the ACO-1 was received on May 26, 2020 (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

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

ELITE CEMENTING & ACID SERVICE, LLC

Cement or Acid Field Report
Ticket No. **4876**
Foreman David Gardner
Camp Eureka

API# 15-035-24714

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
1-3-20	1315	Jones #2A	6	34 S.	6 E.	Cowley	KS

Customer: RA Energy, LLC
Mailing Address: 11615 Rosewood St Ste 100
City: Leawood State: KS Zip Code: 66211

Safety Meeting: DG JH JV

Unit #	Driver	Unit #	Driver
105	Jason		
112	Josh		

Job Type: Surface
Casing Depth: 295.20'
Casing Size & Wt.: 8 5/8"
Displacement: 18 1/4 Bbl
Hole Depth: 306' K.B.
Hole Size: 12 1/4"
Cement Left in Casing: 15' +/-
Displacement PSI:
Slurry Vol.: 48 Bbl
Slurry Wt.: 15#
Water Gal/SK: 6.5
Bump Plug to:
Tubing:
Drill Pipe:
Other:
BPM:

Remarks: Safety Meeting. Rig up to 8 5/8" casing. Break circulation w/ 10 Bbl fresh water. Mixed 200 sks Class 'A' Cement w/ 3% Cacl2, 2% Gel, 1/4# Floseal/sk @ 15#/gal, yield 1.35 = 48 Bbl Slurry. Displace w/ 18 1/4 Bbl fresh water. Shut down. Close casing in. Good circulation @ all times while cementing. Good cement returns to surface = 7 Bbl slurry to pit. Job complete. Rig down.

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C101	1	Pump Charge	890.00	890.00
C107	60	Mileage	4.20	252.00
C200	200 sks	Class 'A' Cement	15.75	3150.00
C205	565#	Cacl2 3%	.63	355.95
C206	375#	Gel 2%	.21	78.75
C209	50#	Floseal 1/4#/sk	2.35	117.50
C108B	9.4 Tons	Ton Mileage - Bulk Truck	1.40	789.60
		Thank You		
			Sub Total	5,633.80
		6.5%	Sales Tax	240.64
			Total	5,874.44

Authorization: Dion Vasquez Title: Tool pusher

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 7TH
PO Box 92
EUREKA, KS 67045
(620) 583-5561

API # 15-035-24714

ELITE
CEMENTING & ACID SERVICE, LLC

Cement or Acid Field Report
Ticket No. **4927**
Foreman Kevin McCoy / Dave Gardner
Camp Eureka

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
1-12-20	1375	Jones #2-A	6	34S	6E	Cowley	Ks

Customer: RA Energy LLC
Mailing Address: 11615 Rosewood St, Ste 100
City: Leawood | State: Ks | Zip Code: 66211

Safety Meeting: KM DG ZA

Unit #	Driver	Unit #	Driver
105	Zevi A.		
110	Steve M.		

Job Type: Longstring | Hole Depth: 3498' K.B. | Slurry Vol.: 64 Bbl Production Casing | Tubing:
Casing Depth: 3503' | Hole Size: 7 7/8 | Slurry Wt.: 13.8 | Drill Pipe:
Casing Size & Wt.: 5 1/2" 17# | Cement Left in Casing: 1800' +/- | Water Gal/SK: 9 | Other:
Displacement: 39.5 of 80.2 Bbl | Displacement PSI: 2200 | Bump Plug to: | BPM:

Remarks: Safety Meeting: 5 1/2" Casing (17#) Set @ 3503' w/ Basket Shoe = 3' Above TD. Rig up to 5 1/2 Casing. Drop Brass Ball. Set Basket Shoe @ 850 psi. Pump 15 Bbl fresh water w/ Good Fluid Returns to Surface. Mixed 220 sks Thick Set Cement w/ 2# Pheno Seal/sk, 1/4% CFL-115 @ 13.8#/gal, yield 1.63 = 64 Bbl Slurry. Note: Lost Circulation @ The Tail End of Mixing Cement, wash out pump & Lines. Shut down, Release Plug. Start Displacement w/ No Returns to Surface. Had No Pressure until 33 Bbl Displacement @ which time Pressure was @ 1100 psi. @ 39.5 Bbl Displaced Pressure @ 2200 psi & Rapidly increasing (formation, Lost Circulation Zone Squeezed off But would Circulate to Surface. Shut down, Pressure Holding @ 1550 psi. Release Pressure. 1800' +/- of Cement in 5 1/2. Job Complete. Rig down.
Plug Rat Hole w/ 20 sks
Centralizers on #3, 5, 7, 9, 11, 20, 24, 28, 35, 39 Baskets on Top of #3, 7, 28

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C 102	1	Pump Charge	1100.00	1100.00
C 107	60	Mileage	4.20	252.00
C 201	240 sks	Thick Set Cement	20.50	4920.00
C 208	480#	Pheno Seal 2#/sk	1.30#	624.00
C 211	50#	CFL-115 1/4% (Fluid Loss Additive)	11.00	550.00
C 108B	13.1 Tons	Ton Mileage 60 miles	1.40	1100.40
C 761	1	5 1/2 Type B Basket Shoe	1355.00	1355.00
C 681	1	5 1/2 Float Collar Body only	215.00	215.00
C 421	1	5 1/2 Latch down Plug	242.00	242.00
C 604	3	5 1/2 Cement Baskets	236.00	708.00
C 504	10	5 1/2 x 7 7/8 Centralizers	50.00	500.00
C 222	5 gals	KCL (in first 40 Bbl Displacement water)	30.00	150.00
			Sub Total	11,716.40
		THANK You	Less 5%	615.93
		6.5%	Sales Tax	602.16
			Total	11,702.63

Authorization: By Roger Martin | Title: Geo

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 7TH
PO Box 92
EUREKA, KS 67045
(620) 583-5561

ELITE CEMENTING & ACID SERVICE, LLC

Cement or Acid Field Report
Ticket No. 4947
Foreman Kevin McCoy
Camp Eureka

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
1-28-20	1315	Jones #2-A	6	34S	6E	Cowley	KS

Customer: RA Energy, LLC
Mailing Address: 11615 Rosewood St. Ste 100
City: Leawood | State: KS | Zip Code: 66211
Safety Meeting: KM AM SM

Unit #	Driver	Unit #	Driver
104	Alan M.		
112	Steve M.		

Job Type: Re Cement 5½
Casing Depth: 3503'
Casing Size & Wt.: 5½ 17#
Displacement: 77 Bbl
Hole Depth: 3498' K.B.
Hole Size: 7⅞
Cement Left in Casing: 35' +/-
Displacement PSI: 1000
Slurry Vol.: 37 Bbl
Slurry Wt.: 13.7#
Water Gal/SK: 9.0
Bump Plug to:
Tubing:
Drill Pipe:
Other:
BPM:

Remarks: Safety Meeting: Ran CBL found TOC @ 3306'. Rig up To 5½ Casing. Pressure Test 5½ to 1750 psi to Test weld on Collar. No Leaks. Log Tech Perforated 4 squeeze Holes 3290-91'. Rig up to 5½ w/ Head & Manifold. Pump 10 Bbl fresh water w/ Good fluid Returns to Surface on Annulus of 5½. Shut down, Call for Cement. Pump 5 Bbl water, Mixed 125 sks Thick Set Cement w/ 1/4% CFL-115 @ 13.7#/gal, yield 1.66 = 37 Bbl Slurry. Shut down. wash out Pump & Lines. Release Plug. Displace w/ 77 Bbl fresh water. Final Pumping Pressure 1000 psi. Shut in @ 750 psi. Tag Plug w/ Wire Line @ 3255' G.L. Good Circulation @ all times while Cementing. Job Complete. Rig down.

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C 104	1	Pump Charge	1100.00	1100.00
C 107	60	Mileage	4.20	252.00
C 201	125 sks	Thick Set Cement	20.50	2562.50
C 211	30#	CFL-115 1/4%	11.00	330.00
C 108 B	6.88 Tons	Ton Mileage 60 miles	1.40	577.92
C 404	1	5½ Top Rubber Plug	74.00	74.00
			Sub Total	4896.42
		Thank You	Less 5%	254.46
		6.5%	Sales Tax	192.82
			Total	4834.78

Authorization: _____ Title: _____

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.

ROCKY J. MARTIN

Operator: Rocky J. Martin
Lease Name: Martin
Location: 1980' FSL & 1980' FEL
Sec. 17 Twp. 14 S Rng. 16 E
County: Russell State: Kansas
Spud Date: 10/12/2009 Comp. Date: 10/19/2009
Exploration Company: Rocky J. Martin
Type of Test: Open Hole
Total Depth: 3400' Rotary Elevation: 1800' KB
Formation: Arbuckle
Ground Elevation: 1795'
Logged Interval: 3000' To 3400'
Type of Drilling Fluid: Chemical Mud

Surface Casing: 8 5/8" @ 224' w/ 150 sks cmt

Production Casing: None

Samples Saved From: 3000' To 3400'

Drilling Time Kept From: 3000' To 3400'

Samples Dried & Shown: Yes

Electrical Surveys: Yes

Logs Run: Dual Induction, Dual Compensated Porosity, Microresistivity

Comments: Drilling time kept from 3000' to 3400'. Samples saved from 3000' to 3400'. Samples dried and shown. Electrical surveys run. Dual Induction, Dual Compensated Porosity, Microresistivity logs run. Drilled 7 7/8" hole to 3400'. Set 8 5/8" surface casing @ 224' w/ 150 sks cmt. Circulated cement to surface. Plugged hole with 40 sks cmt. Plug down @ 1:00 AM 10/19/2009. Thanks for the opportunity to work for Rocky J. Martin.

Drilling Contractor: Southwind Drilling, Inc. Rig #1

Geologist: Jason Tate

Elevations: 1800' KB, 1795' GL

Total Depth: 3400'

Log Measurements: All measurements from KB

Formation Tops

Formation	Depth	Datum
Anhydrite	1000'	+800'
Base Anhydrite	1030'	+770'
Topeka	3000'	-1200'
Heebner	3200'	-1400'
Toronto	3220'	-1420'
Lansing	3230'	-1430'
Base Kansas City	3400'	-1600'
Arbuckle	3400'	-1600'

Drill Stem Tests

DST #	Interval	Time	Recovery
1	3230' - 3250'	30-45-45-60	10' Mud
2	3250' - 3270'	30-45-45-60	10' Mud
3	3270' - 3290'	30-45-45-60	10' Mud
4	3290' - 3310'	30-45-45-60	10' Mud
5	3310' - 3330'	30-45-45-60	10' Mud
6	3330' - 3350'	30-45-45-60	10' Mud
7	3350' - 3370'	30-45-45-60	10' Mud
8	3370' - 3390'	30-45-45-60	10' Mud
9	3390' - 3400'	30-45-45-60	10' Mud