Confidentiality Requested: Yes No

KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1184276

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:		
Address 2:		Feet from North / South Line of Section
City: State: Zip:	+	Feet from Deast / West Line of Section
Contact Person:		Footages Calculated from Nearest Outside Section Corner:
Phone: ()		
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:
	_	Producing Formation:
		Elevation: Ground: Kelly Bushing:
		Total Vertical Depth: Plug Back Total Depth:
OG GSW GSW CM (Coal Bed Methane)	Temp. Abd.	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):		Multiple Stage Cementing Collar Used?
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		
	Conv. to SWD	Drilling Fluid Management Plan
3	Conv. to Producer	(Data must be collected from the Reserve Pit)
Commingled Permit #:		Chloride content: ppm Fluid volume: bbls
		Dewatering method used:
		Location of fluid disposal if hauled offsite:
		Operator Name:
		Lease Name: License #:
Spud Date or Date Reached TD C	ompletion Date or	QuarterSecTwpS. R East West
	ecompletion 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 III Approved by: Date:							

	Page Two	1184276
Operator Name:	_ Lease Name:	Well #:
Sec TwpS. R East _ West	County:	
INCTRUCTIONS: Chause important tang of formations paratrated	atail all aaraa Bapart all final	annian of drill atoms toots giving interval tootad, time tool

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).

Yes No	□ L	og Formatio	n (Top), Depth an	d Datum	Sample
Yes No	Nam	e		Тор	Datum
☐ Yes ☐ No ☐ Yes ☐ No					
			on, etc.		
Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
ADDITIONAL	CEMENTING / SQU	EEZE RECORD			
Type of Cement	# Sacks Used		Type and Pe	ercent Additives	
ment on this well?		Yes	No (If No, skip	o questions 2 an	d 3)
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 Was the hydraulic fracturing treatment information submitted to the chemical disclosure regi					of the ACO-1)
		Yes No Yes No Yes No Yes No CASING RECORD Ne Report all strings set-conductor, surface, intersection Size Casing Size Casing Weight Lbs. / Ft. Set (In O.D.) ADDITIONAL CEMENTING / SQU m Type of Cement # Sacks Used Image: Set of the set of th	Image: Section of the section of th	Image: Section of the section of th	Image: Sector of the sector

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated						ement Squeeze Record I of Material Used)	Depth		
TUBING RECORD: Size: Set At:				Packer	At:	Liner F		No		
Date of First, Resumed	l Producti	ion, SWD or ENHF	ł.	Producing M	ethod:	oing	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours			Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity		
DISPOSITION OF GAS:						PRODUCTION INTI	ERVAL:			
Vented Sold Used on Lease				Open Hole	Perf.	Uually (Submit A		Commingled (Submit ACO-4)		
(If vented, Su	ıbmit ACC)-18.)		Other (Specify)		-		. ,		

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Quail Oil & Gas, LC
Well Name	Rowland 1-18
Doc ID	1184276

Tops

Name	Тор	Datum
Heebner	1114	+191
Lansing	1435	-130
Swope	1775	-470
Cherokee	2077	-772
Squirrel Sand	2096	-791
Cattlemans Sand	2190	-885
Bartlesville	2288	-983
Mississippi	2432	-1127

Form	ACO1 - Well Completion
Operator	Quail Oil & Gas, LC
Well Name	Rowland 1-18
Doc ID	1184276

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight		Type Of Cement	Type and Percent Additives
Surface	12.250	8.625	23	124	Class A	3%cc + 2% gel

-	CON
風	OILV
A Carlor	

SOLIDATED

ell Services, LLC

45200 TICKET NUMBER

LOCATION EUreka FOREMAN STRUE ALRAN

PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT

CEMENT	A.2.	11	20492	
	AFT	17-1111	20773	

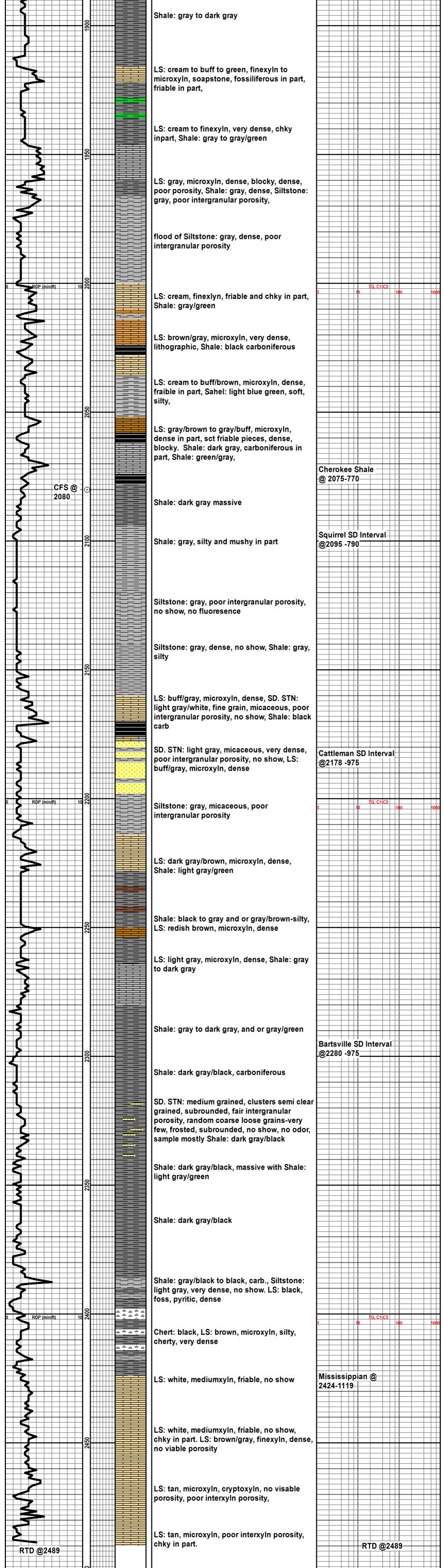
DATE	CUSTOMER #	WELL NAME & NUN	IBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-20-14		Rawland #1-1)	F	18	185	IOE	Lyon
CUSTOMER	Statistics of the second				STREET,		- Days distant of the last
Quailo	11+6051	<		TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRE	ESS			485	Alan		
525 In	dustrial	DR.	1	667	Seth-Marla		
CITY							
Farden	CITY	185 67846			1		
JOB TYPE Sur	Face CI	HOLE SIZE 12 14	HOLE DEPTH	125	CASING SIZE & W	EIGHT 8 5/5	
CASING DEPTH	117'	DRILL PIPE	TUBING			OTHER	
SLURRY WEIGH	IT	SLURRY VOL	WATER gal/s	k	CEMENT LEFT in	CASING / 0	
DISPLACEMENT	7.4 bbis	DISPLACEMENT PSI	MIX PSI	4 B	RATE		
REMARKS: 5a)	Ery Mactin	p: Risupto 8518	Casing. 1	Brackcirci	Wation W/1	Freshwate	C. MAIX
	85 sks Classa Comeni by 3% cacle, 2% Gel + "4" Fle Cale perjsk. Displace w/ 7.4						
bbls Freshwater. Shurwell in Good Coment Return Tuserface.							
	Job Complete Ris dalun						
		1 0			Street Street of		
		Th	ONKYOU				

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015		PUMP CHARGE	870.00	870.00
3406	60	MILEAGE	4.20	252.00
110415	85.5Ks	Class A C Ment	15.70	1334,50
1102	240=	Caclz 3%	.78	187.20
1118B	160 F	GR1 2%	,22	35.20
1107	20 t		2.47	49:20
5407	3.99 Ton	Ton mileope Bulk Truck	mic	365.00
		0		
4. 1910 -				
			Sub ToTal	3096.30
Ravin 3737		7.15	% SALES TAX ESTIMATED	114.85
	\cap \cap	HA	TOTAL	3211.15
AUTHORIZTION	Marsh Pa	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.

REFERENCE WELL FOR STRUCTURAL POSITION	2495 -1190 2489 -1184 2495 -1190 2489 -1184	Heebner 1114 +191 Chronic Control Lansing 1435 -130 -	LOG TD 2495' 1700' TO TD 1700' TO TD 1700' TO TD FROM 1700' TO T FROM 1700' TO T LOG TYPE MUD CHEMIC	cat API No. 15- / NE SE NW 700' FNL & TWP. 185 RGE Lyon STATE Lyon STATE C & G Drilling #2 014 COMP.	CONSULTING GEOLOGIST Geologist's Report Drilling Time and Sample Log OPERATOR Quail Oil & Gas, LC LEASE Rowland WELL NO. #1-18 KB 1305'	Danid A Raubou		
GEOLOGIST Name: David A. Barker Company: Address: 212 N. Market, Suite# 320 Wichita, Kansas 67202 (316) 259-4294, 2 Barker@sbcglobal.net								
OPERATOR Company: Quail Oil & Gas, LC Address: 525 Industrial Dr. P.O. Box K Garden City, KS								
Remarks Due to the lack of reservoir development and oil and gas shows in the target zones, the well was plugged and abandoned.								
Contractor C & G Drilling, INC. 701 E. River ST Eureka, KS 67045								
A B B B B B B B B C C C C C E F F F C € C C C C E F F F	lgae mph elm ioclst rach ryozoa ephal oral oral chin ish oram ossil astro	 Pisolite Plant Strom Fuss Oomold Ø Fuss Oomold MINERAL Anhy Arggrn Arg Bent Bit Brecfrag Calc Carb Chtdk 	ACCESSOR Ferrpel Ferr Glau Gyp Hvymin Kaol Marl Minxl Minxl Nodule Phos Pyr Salt Salt Silt Sulphur	RIES	Lms Sandylms Sh Sltstn TEXTURE S Boundst C Chalky C Cryxln E Earthy S Finexln S Grainst L Lithogr M Microxln S Mudst S Packst			

INTERVALS ■ Core □ Dst ■ Dst EVENTS ▷ Rft ▶ Sidewall ○ Cfs ■ Conn POROSITY TYPE E Earthy ■ Fenest	 F Fracture ⊠ Inter ☑ Moldic ☑ Organic ℙ Pinpoint ☑ Vuggy LITHOLOGY ▲ Anhy ▲ Cht Shale Shale Shgy Ss 	Carb shaleBrown ImstROUNDINGGray shaleBrown shaleRoundedSandy ImstBrown dolSubrndShaleBrown creamSubangShaleD. green ImstAngularShaly sistLight cream ImstSity shaleGray cream ImstBlankGreen dolEvenGray ImstGray dolSpottedCream ImstQuesRed shaleSORTINGDeadBlue-green shaleWellGas showD. green shalePoor				
Anhy Anhy Cht Congl Shale Shgy Ss	Carb sl Gray sl Sandy Shale Slt stn Shaly s	hale Blank Gree Imst Gray Imst Brov Cream Imst Brov Red shale Brov	reen shale D. green Imst en shale Light cream Ims vn Imst Gray cream Ims vn shale Green dol vn dol Cray dol vn cream			
	24% 18% 6% Fitholodity ^{018hows}	Geological Descriptions	TG, C1-C5 TG (units) C1 (units) C2 (units) C3 (units) C4 (units) C5 (units)			
0 ROP (min/ft) 10 F		_S: cream, finexyIn, friable in part Chert: white, sharp, Shale: gray	TG, C1.C5 1 10 1 <t< th=""></t<>			
1750		LS: cream to buff, finexyIn, poor interxyIn porosity, Shale: gray, Chert: gray, mott LS: cream to buff, finelxyIn, oolitic in part, slight visable oolmoldic porosity, no show, triable in part.				
		_S: cream to buff, finelxyIn, subchky in part, Shale: gray/green _S: cream to buff, chky inpart, fossiliferous, riable no show	Swope @ 1770-465			
CFS@1800		_S: buff, finexyln, sct good oolmoldic borosity, no show, chky in part, no odor.	TG, C1:C5			
		Siltstone: blue green, no fluor, no show, very boor show of gas bub when chrushed, Shale: gray, LS: dark brown, microxyIn, very dense, blocky,				
		Shale: soft gray, mushy, Siltstone: gray, dense, micaceous, no show				
		Shale: gray to dark gray silty in part				



Feb 26 14 08:31a Elite Cement & Acid 810 E 7 TH PO Box 92 EUREKA, KS 67045 Cementing & Acidizin (620) 583-5561 of Kansas, LLC API * 15 - 111 - 20493					6205835524 p.5					
					¥ 6-1-1		Cement or Acid Field ReportTicket No.1052ForemanKeun MsCoyCampEurera			
Date	Customer ID #	Leas	e & Well Number	Section Town		Township	Range	ge County		State
1/24/14	1016	DI.	1 #							
Customer		1)owland	1 # 1-18	Safety	18 Unit#	185	10E	Lyo~ Unit#		Ks
	QUAIL OIL	\$ GAS		Meeting	102 Shaw		WON F.			Driver
Mailing Ad			0	SF	110	Rudy	M			
City	25 Industr	RIAL DR. P.O.	Contraction of the Design of the Association of the Design of the Association of the Asso	RM			·			
	rden City	State Ks	Zip Code 67846							
		a de la companya de la companya de la constante	th 2489		Churry Mal					
Casing De	epth	wwell Hole Dep Hole Siz	e 71/8		Slurry Vol Slurry Wt. 13.	9 **	Tubing Drill Pipe			
Casing Siz	ze & Wt	Cement Le	eft in Casing		Water Gal/SK	6.7	0	ther		Burkelanan an Ingerina an Indonesia
Displacem	nent	Displace	ment PSI		Bump Plug to		Other BPM			
Remarks	SAFEty M	eeting: Rig	40 to 41/2 3	DRILL	Los Sant	Come	Phia a			
		40 5	KS © 1425 KS 115' to S KS R H KS M H	<i>URFACE</i>						
Code	Qty or Units	Description of	Product or Servi	ices			1 10-7			
C 103	1	Description of Product or Services Pump Charge					Init Price Total			
C 107	60	Mileage					3.95	1050.		
								13	~~/.	00
C 203	1155KS	60/40 Pozmi	X Cement				12.	75	1466.	25
<u>C 206</u>	400 *	Gel 4%					1	20	80.	
0 100 8										
<u>C 108 B</u>	4.95 TONS	Ton MileAge	60 miles				1.3.	5	400.	95
						-			-	
			C	- 00	HALFTER				••••	
				W	WILLIEU					
	1						1			1

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.

SUB TOTAL

Sales Tax

Total

7.15%

3234.20

110.56

3344.76

THANK You

Authorization WHNessed By Duke Coulter_ Title C\$6 Tool pusher