KOLAR Document ID: 1359464

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 #	API No.:
Name:	Spot Description:
Address 1:	
Address 2:	Feet from North / South Line of Section
City: State: Zip: +	Feet from _ East / _ West Line of Section
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:
	Producing Formation:
☐ Oil ☐ WSW ☐ SWD	Elevation: Ground: Kelly Bushing:
☐ Gas ☐ DH ☐ EOR	Total Vertical Depth: Plug Back Total Depth:
☐ OG ☐ GSW	Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane)	
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 Depth:	
☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)
Described	Chloride content: ppm Fluid volume: bbls
☐ Commingled Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Location of fluid disposal if flauled offsite.
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R
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 Drill Stem Tests Received					
Geologist Report / Mud Logs Received					
UIC Distribution					
ALT I II III Approved by: Date:					

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Page Two

Operator Name: _				Lease Name:			Well #:	
Sec Twp.	S. R.	E	ast West	County:				
	flowing and shu	ut-in pressures, v	vhether shut-in pre	ssure reached st	atic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,
Final Radioactivity files must be subm						iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests Ta			Yes No			on (Top), Depth ar		Sample
Samples Sent to 0	Geological Surv	/ey	Yes No	Na	me		Тор	Datum
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No					
		B	CASING eport all strings set-c		New Used	ion, etc.		
Purpose of Strir		Hole illed	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING / SO	UEEZE RECORD			
Purpose:		epth T Bottom	ype of Cement	# Sacks Used	ed Type and Percent Additives			
Perforate Protect Casi Plug Back T								
Plug Off Zor								
Did you perform a Does the volume Was the hydraulic	of the total base f	fluid of the hydrauli		_	=	No (If No, sk	ip questions 2 an ip question 3) out Page Three	,
Date of first Product Injection:	tion/Injection or R	esumed Production	Producing Meth	nod:	Gas Lift 0	Other (Explain)		
Estimated Production Per 24 Hours	on	Oil Bbls.					Gas-Oil Ratio	Gravity
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			DN INTERVAL: Bottom
	Sold Used	I on Lease	Open Hole			mmingled mit ACO-4)	Тор	BOROTT
,	,			B.11 B1				
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid,	Fracture, Shot, Cer (Amount and Kind	menting Squeeze I of Material Used)	Record
TUBING RECORD:	: Size:	Set	Δ+-	Packer At:				
TODING RECORD:	. 3126.	Set	n.	i donei Al.				

Form	ACO1 - Well Completion
Operator	Quail Oil & Gas, LC
Well Name	TAYLOR 2-6
Doc ID	1359464

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4			3187' - 3195'

Form	ACO1 - Well Completion
Operator	Quail Oil & Gas, LC
Well Name	TAYLOR 2-6
Doc ID	1359464

Casing

Purpose Of String		Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Conductor	28	16	55	50	60/40 poz	115	3%cc, 2% gel
Surface	12.250	8.625	24	347	60/40 poz	240	3%cc, 2% gel
Production	7.875	5.5	15.5	3297	Thickset	125	5# Kol- seal

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



Cement or Acid Field Report

Ticket No. 3292

Foreman Kevin McCoy

Camp EUREKA

Date	Cust. ID#	Leas	e & Well Number		Section	Township	Range	County	State
5-16-17	1016	TAYlOR	#2-6		6	335	36	Cowley	Ks
Customer		7		Safety	Unit #		river	Unit #	Driver
Qua	11 OIL &	GAS, LC		Meeting	104	AlAN	m.	at a transfer of	
Mailing Address		25 Industr		KM AM ZA	110	Zevi	A.		
City GARDE	n City	State	Zip Code 67846						Tallo.
Pozmix Ce	50' Wt. 16" 4.5 BbL AFETY Med ter w/ God ment w/	Hole Size Cement L Displace Trung: Rig Trund Re 3% CACLE	2% Gel 1/4	ement Surface of	@ 14.84	4.8 ductor y by of 13 lgal = 23	DI DI BI BIPE. Rig BIS Shi	up to 16. REY. DISPLATE.	oce w/
1000									e Transpla
	SOUTH TANK							II // DANGE CORE	DESIGNATION OF
							7 7 7 7	203 Sec. 1981	16190 501

Code	Qty or Units	Description of Product or Services	Unit Price	Total
2 101	1	Pump Charge	840.00	840.00
2 107	50	Mileage	3.95	197.50
	TARRES .			
203	115 SKS	60/40 Pozmix Cement	12.75	1466.25
205	300 #	CACLZ 3%	. 60 *	180.00
C 206	200	Gel 2%	.20 #	40.00
C 209	25 *	Flo SeAL 1/4 */SK	2.25	56.25
C /08	4.95 Tons	Ton MileAge	M/c	345.00
	No.			
	STAIR NEAD		Service Service	
		THANK YOU	Sub TotAL	3125.00
			Less 5%	162.13
		Oc.1 6.75%	Sales Tax	117.62
Authori	zation Dang	m Pallicen Title	Total	3080,49

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



Ticket No. 3308
Foreman Kevin McCoy

		-	
Camp	EUREKA		

API #5-035	24668-00-	CEN	MENTING				Camp	CORCAIT	
Date	Cust. ID#	Leas	se & Well Number		Section	Township	Range	e County	State
5-17-17	1016	TAY	110R # 2-6		6	335	36	Cowley	Ks
Customer		,		Safety	Unit #		Driver	Unit#	Driver
QUAIL	OIL #	SAS LC		Meeting	,,,,		ve 6.	247	
Mailing Address		,		- KM	110	Zev	A.		
P.o. Box	K 525	- Industri	AL DR.	ZA					
City GARden	City	State KS	Zip Code 67846						
Job Type Sun	RFACE	Hole De	pth 347 K.B		Slurry Vol. <u>5</u>			Tubing	
Casing Depth	337.86 6	Hole Si	ze 12/4"		Slurry Wt. 🚣	5#		Drill Pipe	
Casing Size &	Nt. <u>8 </u>	Cement I	Left in Casing 20		Water Gal/SI	Κ		Other	
Displacement -	20. BbL	Displac	ement PSI		Bump Plug to	0		BPM	

.20 = .	51 BLL S/UR	eting: Rig up to 85/8 CASING. BREAK CIR Colyo Pozmix Cement w/ 3% CACLZ 2% Ry. Displace w/ 20.7 BbL FRESh water. S bl Slurry to Pit. Job Complete. Rig do	but CASING IN. Good CE	ment Retur
& SUR	FACE = 15 B	66 Sturry to P.t. Job Complete. Rig do	ww.	E-REV - I-Tu
Code	Qty or Units	Description of Product or Services	Unit Price	Total
2 101	1	Pump Charge	840.00	840.00
707	50	Mileage	3.95	197.50
203	2405Ks	60/40 Pozmix Cement	12.75	3060.00
205	620 #	CACLZ 3%	.60 *	372.00
206	410#	Gel 2%	. 20 *	82.00
	60 #	Flo SEAL 1/4 # /SK	2.25 #	135.00
209			100	1911
	10.32 Tons	Ton Mileage 50 miles	1.35	696.60

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

000 # 15 + 35 20000



Cement or Acid Field Report 3310 Ticket No.

Foreman Kevin McCox

Camp Eureka

Date	Cust. ID#	L	ease & Well Number		Section	Township	Range	County	State
5-21-17	1016	TAY	1/0R # 2-6		6	335	36	Cow/ey	Ks
Customer		/		Safety	Unit#	Dri	iver	Unit#	Driver
QUAIL OIL & GAS, LC			Meeting	105	DAVE	6.		411	
			D6	113	Alan	m.			
Ro. Box K 525 Industrial DR.			DG	141	RICK	۷.			
KO. BOX	K 525	Industr	RIAL DR.	Am					
City		State	Zip Code	RC					
GARden (City	K5	67846						

Job Type Longstring	Hole Depth 3299 KB	Slurry Vol. 41 BbC	Tubing
Casing Depth 3296.74 KB	Hole Size 7%	Slurry Wt13. 8 *	Drill Pipe
Casing Size & Wt. 51/2 15.50	Cement Left in Casing 2'	Water Gal/SK 7.0	Other
Displacement 79.5 B&C	Displacement PSI 800	Bump Plug to 1350 PS1	BPM

Remarks: SAFETY Meeting: Big up to 51/2 CASING. BREAK CIRCUlation w/ 20 Bbl Fresh water.
Mixed 125 sxs THICK Set Cement w/ 5#Kol-seal/sk, 1# Pheno Seal /sk @ 13.8#/gal, yield 1.85 = 41 BLL Slurgy. WASh out Pump & Lines. Shut down. Release LATCH down Plug. Displace Plug to SEAT W/ 79.5 Bbl Fresh water. FINAL Pumping PRESSURE 800 PSI. Bump Aug to 1350 PSI. WAIT
2 MINS. Release Pressure, Float & Plug Held. Good CIRCUlation @ All times while Cementing. Job Complete, Rig down.

Code	Qty or Units	Description of Product or Services	Unit Price	Total
2 /02	1	Pump Charge	1050.00	1050.00
: /07	50	Mileage	3.95	197.50
201	125 5KS	THICK Set Cement	19.50	2437.50
207	625 #	KOL-SEAL 5#/SK	.45 *	281.25
208	125 #	Pheno Seal 1*/sk	1.25 *	156.25
108 B	6.88 Tons	Ton Mileage 50 miles	1.35	464.40
113	6 HRS	80 BLL VAC TRUCK	85.00	510.00
224	3000 9Als	City water	10.00/1000	30.00
: 222	5 gals	KCL (FIRST 40 Bbl Displace ment water)	34.00	170.00
691	1	Suide Shoe	167.00	167.00
674	/	AFU FLORT CDILAR W/ LATCH down	342.00	342.00
504	2	51/2 × 71/8 Centralizers	48.00	96.00
: 421	1	51/2 LATCH down Plug	230.00	230,00
			Sub Total	6131.90
		THANK YOU 6.75%	Less 5% Sales Tax	319.79
Authoria	ration Dan		Total	6076.04

LEE B. SHOBE Independent Petroleum Geologist GEOLOGIST'S REPORT **Drill Time & Sample Log** COMPANY QUAIL OIL & GAS LC API 15-035-24668-0000 ALT. ID LEASE 2-6 TAYLOR ELEVATIONS 1,134 LOCATION 1,615' FNL & 790' FEL KBGL 1,125 FIELD HILLVIEW FIELD START SAMPLE REPORT SECT. 6 TOWNSHI 33S RANGE 3E 2,000' END SAMPLE REPORT 3,299' COUNTY COWLEY STATE KS CONTRACTOR C & G DRILLING RIG #2 CASING SPUD 5/16/17 COMP 5/19/17 SURFACE 16" conductor @ 50' RTD 3,299' LTD 8 5/8" @ 347' PRODUCTION OPEN HOLE LOGS Induction, Density-Neutron, Micro, Sonic LOG FORMATION TOPS CHRONOLOGY SAMPLE 5/9 Drlg & set 16' conductor 5/16 MIRU Iatn 2,138' 5/17 **Drl**g @ 670' 2,181' Stalnaker 5/18 Drlg @ 2,757' Layton 2571' 5/19 Logging TD 3,299' Marmaton 2,929' Pawnee 2,965 Ft. Scott 3,016 Cherokee 3,047 Bartlesville 3,183' Miss 3,195' REMARKS DST CHARTS No DSTs LITHOLOG) DEPTH MIN/FT DST's SAMPLE DESCRIPTIONS REMARKS 10 2000 On Location 5/18 @ 7:00 pm 2050 2100 SH, gr-dk gr, sm very silty micaceous sand, gr-wh, vfn-fn gr, well sort, well latn LS, crm-tn, mxln, dns, 2138 (-1004) 2150 SH, dk gr to lt grn Stalnaker Sand 2181 (-1047) SS, wh-clr, fn gr, well sort, subangular, friable in part, sm cem, fair to good por, NS 2200 SLTSTN, It gr, sandy SS, clr, fn gr, well sort, sub-angular, 2,240' Circulate friable, sm loose angular med gr 20" sand, fair to good por, NS 2250 SS, gr, fn gr, rounded to ang, mod sort, sm loose frosted grains as well as frosted clusters, SH, gr-dk gr 2300 SH, gr-dk gr with sillty SS, gr, vfn, micaceous SH, gr-dk gr 2350 SH, gr-dk gr with sillty SS, gr, vfn, micaceous SH, gr-dk gr with sillty SS, gr, vfn, micaceous 2400 SH, gr-dk gr with sillty SS, micaceous 2450 SH, gr-dk gr 2500 SH, gr-dk gr Layton Sand 2571 (-1437) SS, gr, fn gr to silty, micaceous, sm cem, NS SS, silty, v fn to fn gr, well sort, 2600 rounded, micaceous, poor por, NS Lower Layton SS, fr-wh, med gr, well sort, sub-ang to rounded, trc frosted, clean, good 2642 (-1508) por, fri, NS 2650 SS, gr-wh, med gr, well sort, sub-ang, clean, good por, fri, NS SH, gr 2700 LS, crm-gr, argillaceous LS, crm-tn, mxln, trc foss, most hd dns, NS LS, crm-buff, mxln, chlky, soft 2750 LS, crm-tn, mxln, hd dns, NS LS, crm-buff, mxln, chlky in part, trc foss LS, crm-buff, mxln 2800 LS, crm-lt gr, mxln to fxln, foss in part, poor por, NS Sh, gr 2850 Sh, dk gr LS, gr, lt gr, mxlm, hd dns Sh, gr Cleveland Sand SS, It gr-pale grn, fn gr, sub-ang, well cem to argillaceous, trc glauc & mica, 2900 poor por, NS Sh, gr & pale grn, sm blk Marmaton LS, gr-tn, mxln, very foss, 2929 (-1795) Sh, gr & blk with SLTSTN, gr, sandy 2950 Sh, gr-mrn-blk Pawnee LS, gr, mxln, hd dns, no por, NS 2965 (-1831) LS, gr, mxln, hd dns, to micritic, trc foss, no por, NS Sh, gr LS, It gr-gr, mxln, hd dns, sm foss, no por, slt argillaceous, mottled, NS very faint odor 3000 Sh, blk Sh, gr Ft. Scott 3016 (-1882) LS, crm, mxln, predominately chlky, NS Sh, blk LS, tn, mxln, hd Cherokee Sh, blk 3050 3047 (-1913) Sh, gr Sh, gr, some varicolored, gr sh grades into sandy siltstn LS, gr-brn, fxln, micritic, hd, trc foss, 3100 Sh, gr & blk Cattleman Sand SS, gr, qtz, fn gr, mod sort, abd clay & cem, not friable, poor por, spotted stn (50%), flour, no free oil, slt odor, poor slow cut Sh, gr-dk gr 3150 Sh, gr-dk gr, sm sandy 3,160' reduce weight on bit to Sh, blk slow drill time Sh, gr-brn-grn Bartlesville SS, wh, qtz, well sort, fn gr, sub-ang, 3183 (-2049) well cem-clay filled por, no odor, 3,198' normal 20% fair por, friable, stn, flour, slow weight on bit cut, no free oil 3200 Miss LS, wh, arenaceous, soft, poor por, 3195 (-2061) LS, tn, mxln, poor por, soft-chlky, NS LS, tn, mxln, poor por, harder less chlk, trc tn chert, NS Δ Δ 3250 LS, tn-lt brn, mxln-fxln, hd dns, chert, Δ tn Δ Δ Λ LS, tn-lt brn, mxln-fxln, hd dns, chert % increasing, tn LS, tn-lt brn, mxln-fxln, hd dns, chert, tn 3300 TD 3,299'

3350