KOLAR Document ID: 1432228

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.xxxxxx) (e.gxxx.xxxxxx)					
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)	Multiple Stage Cementing Collar Used? Yes No					
Cathodic Other (Core, Expl., etc.):	If yes, show depth set: Feet					
If Workover/Re-entry: Old Well Info as follows:						
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)					
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls					
Dual Completion Permit #:	Dewatering method used:					
SWD Permit #:	Location of fluid disposal if hauled offsite:					
☐ EOR Permit #:	Location of haid disposal if hadica 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 Approved by: Date:						

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Page Two

Operator Name:					Lease Nam	ne:			Well #:	
Sec Tw	pS. F	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).										
(Attach Additional Sheets)									Sample	
Samples Sent to	Geological Sur	vey	Ye	es 🗌 No		Name)		Тор	Datum
Cores Taken Electric Log Run Geologist Repor List All E. Logs F	t / Mud Logs		Y€ Y€	es No						
			Repo		RECORD [Nev	w Used rmediate, producti	on. etc.		
Purpose of St		ze Hole Orilled	Size Casing Set (In O.D.)		Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
				ADDITIONAL	OF MENTING /					
Purpose:	[Depth	Typo		# Sacks Use		EEZE RECORD	Typo a	ad Paraant Additivas	
Perforate		Type of Cement		# Jacks Useu		Type and Percent Additives				
Plug Off Z										
2. Does the volume	1. Did you perform a hydraulic fracturing treatment on this well? 2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? 3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No (If No, skip question 2) No (If No, skip question 3)									
Date of first Produ	ction/Injection or	Resumed Produ	uction/	Producing Meth			Coolift 0	thor (Fundain)		
, Library					Pumping Gas Lift Other (Expl. Mcf Water Bbls.			ther (Explain)	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours		Oli Bb	15.	Gas	IVICI	vvale	ı Di	JIS.	Gas-Oil Hallo	Gravity
DISPO	DISPOSITION OF GAS: METHOD OF COMPLETION: PRODUCTION INTERVAL:								N INTERVAL:	
Used on Lease ☐ Open H							Oually Comp. Commingled Submit ACO-5) (Submit ACO-4)			Bottom
(If vente	ed, Submit ACO-18	.)			(5	SUDITIIL I	ACO-5) (SUDI	nit ACO-4)		
Shots Per Foot	Perforation Top	Perforation Bottom	on	Bridge Plug Bridge Plug Type Set At		Acid, Fracture, Shot, Cementing Squeeze Record (Amount and Kind of Material Used)				Record
TUBING RECOR	D: Size:		Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	RJM Company
Well Name	RIEDL SWD 3
Doc ID	1432228

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight		Type Of Cement		Type and Percent Additives
Surface	12.25	8.625	20	252	common	150	4%cc2%g el
Production	7.875	5.50	17	3549	common	150	10%salt5 %gilsonite

QUALITY OILWELL CEMENTING, INC.

	ox 32 Russell, KS 67665 No. 1156
Date 12-7-18 10 17 14 Ba	County State On Location Finish
Ried 5wP Locati	on 281 + 4 5ct - 334 0 W/S
Lease Well No.	Owner To Ovella Charles Inc.
Contractor Southward #3	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish.
Type Job Longs Cing	cementer and helper to assist owner or contractor to do work as listed.
Hole Size 77787 T.D. 3887	Charge RSM Company
Csg. 5%" New Depth 35491	Street
Tbg. Size Depth	City State
Tool Port Collar \$6 Depth 1630,701	The above was done to satisfaction and supervision of owner agent or contractor.
Cement Left in Csg. 20.97 Shoe Joint 26.97	Cement Amount Ordered 180 Com 10% Salt 5% Com
Meas Line Displace Ra BUS	Gilsonite - 500 gal mud Clear 48
EQUIPMENT (A. N. I Comontors)	Common 80
Pumptrk / No. Cementer Helper (S. Kr.)	Poz. Mix
Bulktrk 3 No. Driver Driver	Gel.
Bulkirk D.U. No. Driver Cick	Calcium
JOB SERVICES & REMARKS	Hulls
Remarks:	Salt /6
Rat Hole 30 5x	Flowseal
Mouse Hole	Kol-Seal 900H
Centralizers 1-5, 68, 70 8)	Mud CLR 48 500 Gal
Baskets 2,69,82	CFL-117 or CD110 CAF 38
D/V or Port Collan 1030. 70 #69	Sand
Dip on bottom break Circulation	Handling 7/) 5
pump Soo and mud Clear 48, Aug	Mileage
Rollale Hook to Skin Casing + mix	FLOAT EQUIPMENT
150 Sx Cement, Shot down wash amo	Guide Shoe Tci Olex 5hoe
+ 1000 Nisplaced Dlum w/ 82 BCS of	Centralizer 8
H20. Roleated 0 + held.	Baskets
	Appendix Post Collar
Lift pressure 750 \$	Float Shoe
Land Alva to 1505 #	Latch Down
100	
	Pumptrk Charge Droft Strywy
	Mileage 20
	Tax
Market & Market and the second of the	Discount
Signature Juy / Mun	Total Charge

GENERAL TERMS AND CONDITIONS

DESINFTIONS: In these forms and conditions, "Quality" stall mean Quality Oilwell Contesting, Inc., and "Official refer to the party identified by that term on the front of this contract. As a state the services described on the front side of this contrack "merchandise" refers to the material described on the most of this contract and triang, other materials, or supplies used, sold or furnished under the bequirements of this contract.

TCAMS: Unless reties every credit has been established by STONER must a der full cash payments. "QUALITY" before the job is undertaken or fluit cash payment agree of parameter applicable law. If any such interest should be provided to the said nereby is described to be a mistake, and this contract satisfied automatically reformed to lower the track of interest to the maximal post contract rate any amounts previously paid as excess intracting the desirated from the amounts of a from the "CUSTOMER" of at the option of "CUALITY," refunded directly to "CUSTOMER" of this paragraph. Glassic and CUSTOMER of that KANSAS law shall apply. Any discounts granted with this contact are null and vold if the charges are not paid when due;

-ATTOMICA ESSAN any legal action or proceeding between the parties to enforce any of the terms of this Service Contract; or in any way pertaining to the form of this Conract, the prevailing party shall be entitled to becover all expenses, including, but not limit to, a

reasonable sum as and attorney's fees.

1 4 -18 74. - PRICES AND TAXES: All merchanics stated in COLAUTY 3" cursent price shall schedule are FID, 8. QUARTY'S Incating on and are subject to change without notice. All prices are excusive of any federal, state, local for species trives to the sale or use of the merchandise or services listed. The amount of taxes required to be paid by QUALITY shall be ended the quoted brise charged to CUS-

-TOWING CHARGES CUALITY will make a lightenable attempt to get to and goin each job alto using its own equipment. Should QUALITY be unable to do so because of poor or inside a road conditions, and should become necessary to employ a tractor or other pulling equipment to get to or from the job site to a realist or pulling equipment will be supplied by Clock or from the job site to a realist ITY, will be marged to and paid by CUSTOMER

- PREPARATION CHARGES If a job and/or merchandise is ordered and Clustoness carcoling of after preparation of a chemical solution or other different GUSTOMER will pay DUALITY for the expenses incurred the Out and a result of the correction of the expenses incurred the Out and a result of the correction of the expenses incurred the Out and a result of the correction of the expenses incurred the Out and a result of the correction of the expenses incurred the Out and a result of the correction of the expenses incurred the Out and the correction of the expenses incurred the Out and the correction of the expenses incurred the Out and the outer of the expenses incurred the Out and the outer of the Out and the outer of the Out and the Out and

- DEADHAUL, SHARGES. Unless otherwise specification the front of this Contract, a death-art strains as set forth in The ALTY

current price book will be changed each way for each seadle will which is ordered by CUSTONER but disad-

- SERVICE CONDITIONS AND LIABILITIES: 1. QUALITY basis of public to being and property than age in surance, but since there are so many proceeding and unknown conditions beyond CHALHY Steamen QUALY shall not be liable for injuries to properly or persons or for loss or damage arising from the performance of the loss or delivery of the manufactured by a strain of the performance of the loss or delivery of the manufactured by the responsible for and indemnify, defend, and hold harmless QUALITY, its officers, significant employees, from and against any and all claims or suits for:
- (A) Complete property or for bodily injury, sickness, disease, or death, brought by any person, (totaling CUSTOMER and/or the wellowner; and:

(B) Oil spills, politifigh, surface or sub-surface damage/Injury forthe well, reservoir loss, or damage arising from a well blowout arising dut of or in connection with QUALITY'S performance of the job of junishing of metal and second or with this sontract, unless

such loss or damage is caused by the willful miscondig project of gross realizance of GUALITY or is single reas

- 2. With respect to any of QUALITY'S tools, equipment, or as in the west or damages when performing or TOMER and being return to CUALITY at the landing out of the landing for CUSTOMER and being return to CUALITY at the landing for CUSTOMER and being return to CUALITY at the landing for CUSTOMER. QUALITY the current replacement dest of the rest up the cor damage results from the sale riegligence of QUALITY or its employ-
- 3. QUALITY does that assume any lability or responsibility for diffraging reguliting from chemical action in cements caused by contamination of water or priner fluids. WARRANTIES: 1. QUALITY warrants all meiohardisen and workmanship under normal use and intended. Quality of angle service in the mariner provided and intended. Quality 'S obligation under this waltranty is assessed limited to repair replacement. I slowance for credit, at its egiton for any merchandise which is deter-

MINE BY QUALITY IN BY WARRANTY OF QUALITY AND SO STHER WARRANTY OF QUALITY AND SO STHER WARRANTY IS THE SO E WARRANTY OF QUALITY AND SO STHER WARRANTY OF QUALITY AND SO STREET WARRANTY OF THE WARR EITHER EXPRESS OF OTHERWISE IN IPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANITY OR FITNESS FOR A PARTICULAR COLD OR PURPOSE, COSTOMER'S sole and only remedy with regard to any directive method to shall be the repair or replacement the gof or allowance as paidlt as herein provided, and QUALITY shall not set have to be unusequential,

special, incidental, or sunitive danages resulting from a caused by defective metastal products or supplies.

#. More specifically:

(A) Nothing in this contract stail be constructed as warranty by QUALITY the success or the effectiveness of the result of any

work done or merchandise uses sold, or furnished in the inis contract.

(B) Nothing in this contract shall be constitued as a strainty of the accuracy or post actions of any facts information, or data furnished by QUALITY of any interpretation of test meet readings than information, analysis research, or recommendations made by QUALIF TY, unless the inaccuracy or incorrectness is counsed by sine willful misconduct of cross in spligence of QUALITY or its employees in the preparation or furnishing of such hers afformation or data. (C) Work none by QUALITY shall be under the direct supervision and control of the CUSTONER or his agentand C. IALITY will accomplish the ob as an independent contractor and not as aftemployee or agent of the CUSTOME系

Y OILWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107

Phone 785-483-2025

Home Office P.O. Box 32 Russell, KS 67665

No. 1159

Cell 785-324-1041	-						LOST INCOME.			
Date 12-17-18	Sec.	Twp.	Range	Ba	County	State	On Location	12° DPM		
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Rat Hole to 800 H	11	collar	0 1051	1001	Salt Claused Off					
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Mouse Hole down to	Th	d la) backs	3/196	Kol-Seal	-		Accompany (AA)		
- Charles	osea	Lb	cick side	1	Mud CLR 48					
Baskets open tool	25tr	1000	h a blow	10.5		CD110 CAF 38	to the same of the	sBirso \$1.5 (-		
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GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "Quality" shall mean Quality Oliwell Cementing, Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

- TERMS: Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "QUALITY" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are not cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwith-standing the foregoing in no event shall this Centract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "QUALITY," refunded directly to "CUSTOMER." For purposes of this paragraph, QUALITY and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.
- -ATTORNEY FEES: In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the term of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limit to, a reasonable sum as and attorney's fees.
- PRICES AND TAXES: All merchandise listed in "QUALITY'S" current price shall schedule are F.O.B. QUALITY'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by QUALITY shall be added to the quoted prices charged to CUSTOMER.
- TOWING CHARGES: QUALITY will make a reasonable attempt to get to and from each job site using its own equipment. Should QUALITY be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by QUALITY, will be charged to and paid by CUSTOMER.
- PREPARATION CHARGES: If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay QUALITY for the expenses incurred by QUALITY as a result of the cancellation.
- DEADHAUL, CHARGES: Unless otherwise specified on the front of this Contract, a deadhaul charges as set forth in QUALITY'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.
- SERVICE CONDITIONS AND LIABILITIES: 1. QUALITY carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond QUALITY'S control, QUALITY shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless QUALITY, its officers, agents and employees, from and against any and all claims or suits for:
- (A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well-owner; and:

--

- (B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well-blowout arising out of or in connection with QUALITY'S performance of the job or turnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of QUALITY or its employees.
- 2. With respect to any of QUALITY'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to QUALITY at the landing, CUSTOMER shall either recover the lost item without cost to QUALITY or reimburse QUALITY the current replacement cost of the item unless the loss or damage results from the sole negligence of QUALITY or its employees.
- 3. QUALITY does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.
- WARRANTIES: 1. QUALITY warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. QUALITY'S obligation under this warranty is expressly limited to repair replacement, or allowance for credit, at its option, for any merchandise which is determined by QUALITY to be defective. THIS IS THE SOLE WARRANTY OF QUALITY AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and QUALITY shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.
 - 2. More specifically:
- (A) Nothing in this contract shall be constructed as a warranty by QUALITY of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.
- (B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by QUALITY or any interpretation of test, meter readings, chart information, analysis or research, or recommendations made by QUALITY, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of QUALITY or its employees in the preparation or furnishing of such facts, information or data. (C) Work done by QUALITY shall be under the direct supervision and control of the CUSTOMER or his agent and QUALITY will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.