

#### Kansas Corporation Commission Oil & Gas Conservation Division

1095707

Form ACO-1

June 2009

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:	SecTwpS. R
Address 2:	Feet from North / South Line of Section
City:	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	Amount of Surface Pipe Set and Cemented at: Feet  Multiple Stage Cementing Collar Used?
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:  Deepening Re-perf. Conv. to ENHR Conv. to SWD  Conv. to GSW	Chloride content: ppm Fluid volume: bbls  Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	Quarter Sec Twp S. R
☐ ENHR         Permit #:           ☐ GSW         Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	

#### **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						
Letter of Confidentiality Received						
Date:						
Confidential Release Date:						
Wireline Log Received						
Geologist Report Received						
UIC Distribution						
ALT I II Approved by: Date:						

Side Two



Operator Name:				_ Lease N	lame:			Well #:		
Sec Twp	S. R	East	West	County:						
INSTRUCTIONS: Sh time tool open and clo recovery, and flow rate line Logs surveyed. A	osed, flowing and shu es if gas to surface te	t-in pressures, st, along with f	whether sh inal chart(s	nut-in press	ure reach	ed static level,	hydrostatic pres	sures, bottom h	ole temp	erature, fluid
Drill Stem Tests Taker (Attach Additional S		Yes	No		Log	y Formation	n (Top), Depth a	nd Datum		Sample
Samples Sent to Geo	logical Survey	Yes	No		Name			Тор	I	Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Copy	d Electronically	Yes Yes Yes	☐ No ☐ No ☐ No							
List All E. Logs Run:										
		Report all	CASING I		New	Used mediate, producti	on, etc.			
Purpose of String	Size Hole Drilled	Size Ca Set (In C	sing	Weigi Lbs. /	ht	Setting Type or Depth Cemen		# Sacks Used	Type and Percent Additives	
		AI	DDITIONAL	CEMENTIN	G / SQUE	EZE RECORD				
Purpose:  Perforate Protect Casing Plug Back TD Plug Off Zone	Purpose:  Perforate Protect Casing Plug Back TD  Depth Top Bottom Type of Cement			# Sacks	Used		Type and	Percent Additives		
Shots Per Foot	PERFORATI Specify I	ON RECORD - Footage of Each	Bridge Plugs Interval Perfo	s Set/Type orated			cture, Shot, Cemei mount and Kind of N		d	Depth
TUBING RECORD:	Size:	Set At:		Packer At:		Liner Run:				
Date of First, Resumed	Production, SWD or EN		ducing Meth	od:		as Lift C	Yes No	0		
Estimated Production Per 24 Hours	Oil	Bbls.		Mcf	Water		ols.	Gas-Oil Ratio		Gravity
DISPOSITIO	ON OF GAS:		M	IETHOD OF	COMPLET	ION:		PRODUCTIO	ON INTER	VAL:
Vented Sold	Used on Lease	Open	Hole (Specify)	Perf.	Dually (		nmingled mit ACO-4)			

# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025 Cell 785-324-1041 Home Office P.O. Box 32 Russell, KS 67665

No. 333

Cell 705-324-1041									
Se	ec. Twp. Range	1 4 440	County	State	On Location	Finish			
Date 42/-12 4	0 11 23	1	20	K5		8.30pm			
Lease Herman Ruper	Well No. / 6	Locati	ion Waxiene	11 BRD =	Bu Minto				
Contractor Murtin #	6		Owner						
Type Job Synface				ilwell Cementing, Inc		nt and furnish			
Hole Size 12:14	T.D. 2/9	5.1	cementer and	You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.					
Csg. 7-78	Depth 2/8		Charge To	11:05 Fxx	ration				
Tbg. Size	Depth	,	Street		1				
Tool	Depth		City						
Cement Left in Csg. 15'	Shoe Joint		The above wa	s done to satisfaction a	and supervision of owne	er agent or contractor.			
Meas Line	Displace / 3R2		Cement Amo	ount Ordered 150	wm 30/12	2 Tolel			
	UIPMENT			20	***				
Pumptrk No. Cemented Helper	Ang .		Common /	50					
Bulktrk No. Driver Driver	ed of		Poz. Mix						
Bulktrk No. Driver	Bran		Gel.	5					
JOB SERVICE	ES & REMARKS		Calcium _	5					
Remarks: Herman R	1171		Hulls						
Rat Hole			Salt						
Mouse Hole	2 2	100	Flowseal	Flowseal					
Centralizers			Kol-Seal						
Baskets			Mud CLR 48		*				
D/V or Port Collar		,	CFL-117 or CD110 CAF 38						
8-1/8 en bottom	Fix Circulation		Sand						
MX150 SIC N 1)	2 Na112-		Handling /	58					
7		100	Mileage						
Emmat C.	Wishtow.			FLOAT EQUIPM	IENT	<b>%</b>			
			Guide Shoe						
e ere			Centralizer	2	And the second s				
			Baskets	Surap	at <				
			AFU Inserts						
			Float Shoe						
			Latch Down						
			Pumptrk Charge Surface						
			Mileage 2	a July ac					
		. 7.33	Milougo	t	Tax				
					Discount				
X Signature A	50	1 1 1 1 1	Total Charge						
Signature	The Land		large geometr		Total Orlange	'.L			

## ENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025 Cell 785-324-1041 Home Office P.O. Box 32 Russell, KS 67665

No. 341

Sec.	Twp.	Range	(	County	State	On Location	Finish		
Date 4-27-12 6	11	23	Tr	P40	K5		4:00 Pm.		
Lease Herman Rover V	Vell No.	1-6	Location	on Wakeene	VUBRU34	2 Winter	/ / / / / / / / / / / / / / / / / / / /		
Contractor Morfin #16		Owner							
Type Job DV Dob	2		ilwell Cementing, Inc	c. t cementing equipmen	t and furnish				
Hole Size 778	T.D. 4	(000		cementer an	cementer and helper to assist owner or contractor to do work as listed.				
Csg. 5 /2 14#	Depth	3982,95		Charge To	11/25 Ex	loration			
Tbg. Size	Depth			Street					
Tool & DU Tool #51	Depth	1910		City	and the second s	State			
Cement Left in Csg. 42.45	Shoe J	oint 42.45		The above wa	s done to satisfaction	and supervision of owne	agent or contractor.		
Meas Line	Displac	e		Cement Amo	ount Ordered	QPmC 1095	2/+		
EQUIPA		N 100 2		500001 h	we clear-484	10BLKCL			
Pumptrk 3 Helper /	49			Common/	5 P.000-C				
Bulktrk No. Driver Driver	+			Poz. Mix	a P				
Bulktrk /4 No. Driver Levy Driver		3	3.	Gel.					
JOB SERVICES	& REMA	RKS		Calcium A	11:3606	<b>?</b> t t t t t t t			
Remarks:			*	Hulls					
Rat Hole				Salt 14	- 1				
Mouse Hole			*	Flowseal					
Centralizers				Kol-Seal					
Baskets				Mud CLR 48	300 gol	1000 601			
D/V or Port Collar	-		·	CFL-117 or (	CD110 CAF 38				
5 230+10 3982 JN	5646	3940,50		Sand					
Bt. Credution Remp	500 go	1 mod Clear	2	Handling /	19		-,90		
10BLKCL Spicer Cen	4ent	5/2414	-h	Mileage					
16.55K- Clear line -	ump	45.BE W	HUR		FLOAT EQUIP	/IENT	*		
45BL mod & 6BL	vata	to land	)	Guide Shoe	512				
plag. Plus lander		Centralizer 8 Turbolizers							
RIESSURE DAY.		Baskets 2 Weatherford							
Dros bomb a ofen	late	AFU Inserts DV Tool							
21185		Float Shoe /							
		Latch Down							
			. 1 .						
		Bottom							
	4.00	Pumptrk Charge prol Long String 5/0 ge							
				Mileage 49		1.	7		
		. 4		Tax	Na Table Na				
1/ 1	Programmes			Discount					
X Signature / ///	The decision			Total Charge					

### **QUALITY OILWELL** CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025

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

No. 342

Sec. Typ. Range  County State On Location Finish  Trop Job (1) 23  Lease (Norman Range)  Well No. Inc.  Contractor May by #16  Type Job (1) 36  Type Job (1) 36	Cell 785-324-1041				A 102						
Lease Brand Red Well No. 16 Location (retrieved at B 312 dinter)  Contractor May 16 Top Stage To Quality Olived Comenting, Inc. You are hereby requested to rent cementing equipment and furnish comenter and helper to assist owner or contractor to do work as listed.  The Stage Tool At Table 1 Depth 3982.95 Street  Tool At Table 1 15 Depth 1910 City State  Tool At Table 1 15 Depth 1910 City State  Common Left in Cag. Show Joint The above was done to satisfaction and supervision of owner agent or contractor.  Meas Line Displace 44.428 C Cement Amount Ordered 400 City May 14.45 Per 14	Sec.	Twp. Ran	ge	County	State	On Location	Finish				
Contractor My 1 1/6  Type Job 1 5/2	Date 4-2)-12 6	11 23	To	190	K5		7:00 pm.				
Type Job M Tob Top Stage  To Quality Oliwel Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. Charge Pulling Stope Top Size  Depth Street  Charge Pulling Stope The above was done to satisfaction and supervision of owner agent or contractor.  Meas Line  EQUIPMENT  Pumptrk No. Commented Lat's Common Lat's	Lease Herman Ruder W	Vell No. 1-6	Locat	ion Wakeene	4 11 RD B 34	o dinto					
Top 300 ft	Contractor Murtin #16										
Hole Size 7/8 T.D. 1/200   Commenter and helper to assist owner or contractor to do work as listed.  Csg. 1/2 1/4				To Quality O  You are here	oilwell Cementing, Inc. by requested to rent	cementina equipmer	nt and furnish				
Ceg. 27 44 Ceptar 1991 Street Too At Too He Street The above was done to satisfaction and supervision of owner agent or contractor.  Meas Line    Commont Commont Codered 400 Garden Del Fuffile   Codered 400 Garden Del Fuffile   Codered 400 Garden Del Fuffile	Hole Size 77/8	T.D. 4000		cementer an	cementer and helper to assist owner or contractor to do work as listed.						
Tool At Tool #5   Depth   9	Csg. 5/2 14#	Depth 398	2.95		hillips Expl	ration					
Cement Left in Csg.  Shoe Joint  Displace 46/23 C  Cement Amount Ordered 400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Tbg. Size	Depth		Street	,	5 4					
Meas Line  EQUIPMENT  Pumptrk  No.   Comment   Common   C	Tool DV Tool #51	Depth  910		City		State					
EQUIPMENT  Pumptrk No. Comment Common	Cement Left in Csg.	Shoe Joint		The above wa	as done to satisfaction a	nd supervision of owne	r agent or contractor.				
Pumptrk No. Cementer 1 September 1 Septemb	Meas Line	Displace 464	2BC	Cement Amo	ount Ordered 400	age made	4#Flo				
Bulktrk No. Driver Part Poz. Mix  Gel.  JOB SERVICES & REMARKS  Calcium  Remarks:  Rat Hole 305/C  Rentralizers  Kol-Seal  Musse Hole 155/C  Centralizers  Baskets  DN or Port Collar  Purp Social Mischelle Sand  Mischelle Coment 51/2 with 3555/C  Handling D  Handli		IENT				eggi gwyd th					
Bulktrk Bulktrk Bulktrk Bulktrk Bulktrk Bulktrk Bulktrk Bulktrk  Driver Driver Driver Gel  Calcium  Hulls  Rat Hole Schic Flowseal Mouse Hole 1551/C  Centralizers Kol-Seal Baskets DV or Port Collar  Sand  Handling Mileage  Handling  Mileage  Centralizer  Stagl Centralizer  Baskets  AFU Inserts Float Shoe  Latch Down  Pumptrk Charge Pro D Loug String Stage Mileage  Mileage  Pumptrk Charge Pro D Loug String Stage Mileage  Mileage  Pumptrk Charge Pro D Loug String Stage Mileage  Mileage  Pumptrk Charge Pro D Loug String Stage Mileage  Mileage  Pumptrk Charge Pro D Loug String Stage Mileage  Mileage  Pumptrk Charge Pro D Loug String Stage Mileage  Mileage  Pumptrk Charge Pro D Loug String Stage Mileage  Mileage  Pumptrk Charge Pro D Loug String Stage Mileage  Mileage  Pumptrk Charge Pro D Loug String Mileage  Pumptrk Charge Pro D Loug String Mileage  Mileage  Mileage  Mileage  Pumptrk Charge Pro D Loug String Mileage  Mileage  Mileage  Mileage  Mileage  Mileage  Pumptrk Charge Pro D Loug String Mileage  Mileage	Pumptrk No. Cementer Helper	2		Common4	00						
Bulktrk Done Deve Gel.  JOB SERVICES & REMARKS  Calcium  Hulls  Rat Hole 3056  Mouse Hole 1556  Centralizers  Kol-Seal  Baskets  DV or Port Collar  CF-117 or CD110 CAF 38  Sand  Mul CLR 48  CF-117 or CD110 CAF 38  Sand  Mul CLR 48  Mul CLR 48  CF-117 or CD110 CAF 38  Sand  Mul CLR 48  CF-117 or CD110 CAF 38  Sand  Mul CLR 48  CF-117 or CD110 CAF 38  Sand  Mul CLR 48  Centralizer  Mul Cur		+		Poz. Mix							
Remarks: Hulls Rat Hole 30516 Salt Mouse Hole 15516 Flowseal DOFF Centralizers Kol-Seal Baskets Mud CLR 48 DN or Port Collar  Pump 500 ag 1 mol dean Plus Rathole 4 Sand Mouse Hole 15 12 with 355516 Handling 1000  The first with 500 ag 1 mol dean Mileage 4 DDR KGL Docel Commit Top FLOAT EQUIPMENT  Stage Contralizer  Problem 15 12 with 16 Contralizer  Problem 15 15 000 H. Refuge Contralizer  Problem 15 000 H. Refuge Contralizer		3		Gel.							
Rat Hole 3051/C  Mouse Hole 1551/C  Centralizers  Baskets  D/V or Port Collar  Pumpt 5000000000000000000000000000000000000		& REMARKS		Calcium	g j jan i le s						
Mouse Hole 153/C Centralizers  Baskets  Mud CLR 48  D/V or Port Collar  Pump 500 and must clear flux Rathole 4  Sand  MudSt bole - (men + 5 /2 with 3 355/C)  Mileage  4 D/R KGL Arcel (fmn + fp)  FLOAT EQUIPMENT  Stagle (emen + Cress where Centralizer  Baskets  AFU Inserts  Float Shoe  Latch Down  Pumptrk Charge fro I Long String Stage  Mileage/	Remarks:			Hulls	ning in the		3.0				
Rol-Seal  Baskets  DN or Port Collar  DN or Port Collar  CFL-117 or CD110 CAF 38  Sand  MadStable - Comen + 5 1/2 with 3.55 s/c. Handling from  Handling from  Hileage  DR KGL Space Comen + Floris Controller  Guide Shoe  Centralizer  Baskets  AFU Inserts  Float Shoe  Latch Down  Pumptrk Charge from Law String Stage  Mileage  M	Rat Hole 30516	2 2 50		Salt							
Baskets  DN or Port Collar  CFL-117 or CD110 CAF 38  VMD SD0 201 mod clear Plus Rethole 4 Sand  Mousehole Comen 5 1/2 with 355 s/c. Handling from  Handling from  Handling from  Stage Centent Control of Control	Mouse Hole 155/C		102 - 10	Flowseal	DOT						
DN or Port Collar  PUMP SODOGAL MEDICAL PLUS RICHARDE SAND  MOUSTING PIMENT 5/2 with 3.55 s/c. Handling PIMENT  STATE PIMENT SUMMY SUCCESS MODIFIED Mileage  9 DOBY KELL SWEEL CEMENT PIMENT Guide Shoe  RUSSINE DAY BOOTH. Refuge Contralizer  Baskets  AFU Inserts  Float Shoe  Latch Down  Pumptrk Charge Pro. D. Lawy String Stage  Mileage/9	Centralizers			Kol-Seal	Kol-Seal						
Pumptrk Charge from 1 Long String Stage  Maussible Coment 5 1/2 with 3.85 s/c. Handling (1)  Display Rough Score Modern Mileage  4 DORK KOL Dovel Coment Top  Stage Controllizer  Baskets  AFU Inserts  Float Shoe  Latch Down	Baskets	-	Quite H	Mud CLR 48	3						
Mausticle (men + 5/2 with 355 sic. Handling )  District Street (men + To) FLOAT EQUIPMENT  Stage (emen + Crus) a + ejc. Guide Shoe  Centralizer  Baskets  AFU Inserts  Float Shoe  Latch Down  Pumptrk Charge fro. of Long String Stage  Mileage / Pinter of Stage  Mileage / Pinter of Stage	D/V or Port Collar			CFL-117 or	CD110 CAF 38						
Massible - Comen + 5/2 with 355/c. Handling ()  DESTANDAM SECRET Mod Clear  Mileage  FLOAT EQUIPMENT  Stage: Cemen + Circle when + Top Guide Shoe  Centralizer  PLOSTINE DAY  Baskets  AFU Inserts  Float Shoe  Latch Down  Pumptrk Charge fro of Long String Stage  Mileage ()  Mileage ()  Pumptrk Charge fro of Long String Stage  Mileage ()	YUMP 500 agl mod dear	Plua Rati	polex	Sand			12 19				
Stage Coment Coment To Guide Shoe  King Coment Come	Mousehole-Cement 5	1/2 with 3.	555/6-	Handling /	00						
Starl Cement (Nes 11+0): Guide Shoe  Rua Candel & Isoott, ferrals & Centralizer  Baskets  AFU Inserts  Float Shoe  Latch Down  Pumptrk Charge Pro 1 Long String Stage  Mileage Pro 1 Long String Stage	Distanting Roma	Secral Me	delear	Mileage							
Pressure Duf Baskets  AFU Inserts Float Shoe Latch Down  Pumptrk Charge fro 1 Long String Stage Mileage 9	+ 20BLKCL DOVER	e- Comen	+ Tas		FLOAT EQUIPM	ENT	•				
Baskets  AFU Inserts  Float Shoe  Latch Down  Pumptrk Charge frod Long String Stage Mileage 9	Stage Coment C.	restated	2.	Guide Shoe							
AFU Inserts Float Shoe Latch Down  Pumptrk Charge Or a D Long String Stage Mileage Of the Charge of	Rha landel @ L	500 H. RP	lease	Centralizer							
Float Shoe Latch Down  Pumptrk Charge Prod Long String Stage Mileage Production	Pressure Dul			Baskets							
Latch Down  Pumptrk Charge Prod Long String Stage Mileage 9				AFU inserts							
Latch Down  Pumptrk Charge Drod Long String Stage Mileage 9				Float Shoe							
Pumptrk Charge Prod Long String Stage Mileage 9											
Pumptrk Charge Prod Long String Stage Mileage 9		Ay a second	gran de la company	. Harman			. I III y				
Mileage 491											
- fundamental and the state of				Pumptrk Charge Prod Long String Stage							
Tax	i i i i i i i i i i i i i i i i i i i		51.	Mileage//	91						
<u>- 1 - 4 : 1 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1</u>			e anima.	e elegiones		Tax					
Discount		7	tal face of	4.7		Discount					
X Signature / M/M Total Charge	X Signature		in	3		Total Charge					