Confidentiality Requested: Yes No

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

1213179

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 Dorth / South Line of Section
City: State: Zip:+	Feet from East / 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:
Gas D&A ENHR SIGW	Total Vertical Depth: Plug Back Total Depth:
OG GSW Temp. Abd. CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No
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 ENHR Conv. to SWD	Duilling Fluid Management Dian
Plug Back Conv. to GSW Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls
Commingled Permit #: Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
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
Geologist Report Received
UIC Distribution
ALT I II Approved by: Date:

	Page Two	1213179
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East West	County:	
INCTRUCTIONS. Chaw important tapa of formations panatrated	Datail all carea Bapart all fi	nal appias 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).

Drill Stem Tests Taken (Attach Additional She	eets)	Yes No		og Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geolog	gical Survey	Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
			RECORD Ne		4-		
		Report all strings set-	conductor, surface, inte	ermediate, producti	on, 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
		ADDITIONAL	CEMENTING / SQU	JEEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and Pe	ercent Additives	
Protect Casing							
Plug Off Zone							

Did you perform a hydraulic fracturing treatment on this well?	Yes	No	(If N
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?	Yes	No	(If N
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?	Yes	No	(If N

 No
 (If No, skip questions 2 and 3)

 No
 (If No, skip question 3)

 No
 (If No, fill out Page Three of the ACO-1)

Shots Per Foot		PERFORATION Specify For		RD - Bridge P Each Interval F		e			ement Squeeze Record of Material Used)	Depth
TUBING RECORD:	Siz	e:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed	Producti	on, SWD or ENHF	ł.	Producing N	lethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	s.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
									I	
DISPOSITI	ON OF G	AS:			METHOD		TION:	_	PRODUCTION IN	TERVAL:
Vented Solo	1 🗌 L	Jsed on Lease		Open Hole	Perf.	Uually (Submit)	Comp.	Commingled (Submit ACO-4)		
(If vented, Su	bmit ACO	-18.)		Other (Specify)			,	(SUDITIIL ACU-4)		

Form	ACO1 - Well Completion
Operator	American Oil LLC
Well Name	Kohl 1-19
Doc ID	1213179

Tops

Name	Тор	Datum
Anhydrite	1471	628
Topeka	3132	-1033
Heebner	3350	-1251
Toronto	3372	-1273
Lansing	3391	-1292
B/KC	3611	-1512
Simpson	3682	-1584
W/Arbuckle	3699	-1600
Arbuckle	3708	-1609

Phone 785-483-2025 Cell 785-324-1041		J. J.			ox 32 Russell, KS 67665 No. 7112
	Sec.	Twp.	Range		County State On Location Finish
Date 2-24-14	19	11	19	E	
시간 방법이 있는 것이 있는 것이 있었다. 1943년 - 1945년 1947년 - 1947년		ſ	tin marie la C Generation	Locati	ion Yocemento N to Homesterd Rd, 2w, 1/2N, W,
Lease Kohl			Well No. 1-19	1	Owner To Quality Oilwell Cementing, Inc.
Contractor Discovery	#3	24 J	ALL LIGE ALBS	istern on	- You are hereby requested to rent cementing equipment and furnish
Type Job Plug		land land		in the state	cementer and helper to assist owner or contractor to do work as listed.
Hole Size 7%		T.D.			Charge American Oil
Csg.		Depth	vria sto des a	pertes transfer	Street
Tbg. Size		Depth			City State
Tool		Depth	i Sucurite is me	active life	The above was done to satisfaction and supervision of owner agent or contractor.
Cement Left in Csg.	100 100	Shoe J	loint	i del Iteri	Cement Amount Ordered 255 5x 60/40, 4% gel, 1/4# Flo
Meas Line	i granu a	Displac	ce	of ing or	COMO CHARGES CONCILLAND make a resonable attempt
a a y a su a a a a a a a a a a a a a a a a a	EQUIPM	ENT		ons jono Microsofi	Common 53
Pumptrk 16 No. Ceme Helpe	r Bill	4			Poz. Mix 102
Bulktrk 14 No. Driver	Lonni	еM.			Gel. 9 additionant and a used of ALCOMALCOMORT
Bulktrk Py No. Driver			1714 (0) 1312 (0) 1312 (0) 1714 (0) 1312 (0) 1413 (0)	ani 10 1	Calcium
JOB SE	RVICES		RKS	ia ordete	Hulis
Remarks:	nanuni v	te estated	ed ton herts "	TUAUO	Sait a som Latic beneration of the second
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Mouse Hole					Kol-Seal
Centralizers	() the sol		व्यक्त विद्यु के विद्यु	wid sin	Mud CLR 48
Baskets	n (200 %)				CFL-117 or CD110 CAF 38
D/V or Port Collar	3. A. L. L			nul el t ia	Sand
1st 50 sx at 368	2				Handling 264
2nd 25 sx at 1500		1			Mileage
3rd 100 sx at 700					FLOAT EQUIPMENT
Th 40 sx at 270			e consistenco ne	2	Guide Shoe
5th 10 sx at 40					Centralizer
30 st Rat	ne rech		e da ser a versione Les ser autorites autorites d		Baskets
					AFU Inserts
					Float Shoe
					Latch Down
<u> 1997 - 2010 1997 1997 1997 1997 1997 1997 1997 1</u>		<u>. 1976)</u> . 1976 -			
					I wood Plug
	1. A.	<u></u>	and the second second	<u>. (</u>	

Pumptrk Charge Plug Mileage / 7 Tax Discount Signature Plue School Total Charge

QUALITY OILWELL CEMENTING, INC. Federal Tax 1.D.# 20-2886107

Home Office P.O. Box 32 Russell, KS 67665 No. 7728

Phone 785-483-2025 Call 705 204 1041

Se	ec. Twp.	Range	-	County	State	On Location	Finish
Date 2. 19.14 1	a II	19	E	15	K3 .		9.150m
		an a' an	Locati	on fay enit	nto 12 Home Sti	10 R 24 1	k V Win
Lease Kohl		Well No./-/ 9	9 744	Owner			· · · · · ·
Contractor Disported #	3		NEW	To Quality O	ilwell Cementing, Inc. by requested to rent of	ementina equipmen	t and furnish
Type Job Str face				cementer an	nd helper to assist own	er or contractor to d	o work as listed
Hole Size 12/4	T.D. 2	12		Charge	Imprian Oil		
Csg. 9 5/8	Depth	211		Street			
Tbg. Size	Depth			City		State	a balance a shee
Tool	Depth	and the second		The above wa	as done to satisfaction an	d supervision of owner	agent or contract
Cement Left in Csg. 15	Shoe J	oint		Cement Am	ount Ordered 150 c	em 3/100	2/652
Meas Line	Displac	e 121/2R	2			1000	
particular and the second s	UIPMENT			Common			total and a state
Pumptrk /6 No. Cementer Helper	543			Poz. Mix	and the second		and the second s
Bulktrk No. Driver	illy	And		Gel.			Bartin Spectrum
Bulktrk No. Driver Driver	have			Calcium			
JOB SERVIC	CES & REMA	RKS		Hulls	and the second second		and the second second
Remarks:				Salt			
Rat Hole	te Parker per		A Sug	Flowseal			
Mouse Hole				Kol-Seal			
Centralizers	elette (1997) es			Mud CLR 48	3	State in the second	as an estimate
Baskets				CFL-117 or	CD110 CAF 38		
D/V or Port Collar				Sand	~		
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Millsone De	Vace.			Mileage			
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Prient Cir	state?	1	0.000	Guide Shoe			
	C MARTINE			Centralizer	and the second second		and the state of
			A Them	Baskets			
			and the second	AFU Inserts		and a second second	11. 2
				Float Shoe			
			200	Latch Down			
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				Pumptrk Cha	arge		and the second second
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						Tax	
	n de la	a the barren		2.2.5		Discount	
X Signature And	1	a a la care	1.19.14	A Marting	and the state of the	Total Charge	M. C. Startes

RILOBITE	Amercian Oil LLC			11s-19w Ell	ie KS	
TESTING, INC					13,110	
	1023 Reservation Rd Hays KS 67601			h l #1-19 Ticket: 56114	DST#:	1
W/	ATTN: Austin Klaus)2.24 @ 02:33:53	
GENERAL INFORMATION:		34 24				
Formation:Sim ps on SandDeviated:NoWhipstock:Time Tool Opened:04:20:23Time Test Ended:08:27:13	ft (KB)		Tes		ventional Straddle (Lang	Initial)
Interval:3649.00 ft (KB) To36Total Depth:3770.00 ft (KB) (T\Hole Diameter:7.88 inches Hole			Ref	erence Elevation KB to GF	2091.00) ft (KB)) ft (CF)) ft
Serial #: 8898 Outside Press@RunDepth: 160.00 psig Start Date: 2014.02.24 Start Time: 02:33:54 TEST COMMENT: B.O.B. In 2 mins	@ 3650.00 ft (KB) End Date: End Time:	2014.02.24 08:27:13	Capacity Last Calil Time On Time Off	o.: Btm: 2014	8000.00 2014.02.24 0.02.24 @ 04:20:13 0.02.24 @ 06:22:53	
Weak surface bl Weak surface bl Dead no blow ba	ow built to 1/2' plugged off					
Pressure vs. T	ime	1.	PI			
	func SSB Tompendure	Time	Pressure		SUMMARY	
Pressure vs. T	ime SEB Tempenkere Transmission	Time (Min.) 0		Temp A (deg F)	nnotation	
Pressure vs. T	fime SSE impositive The second seco	(Min.) 0 1	Pressure (psig) 1788.72 17.05	Temp A (deg F) 102.65 101.92 Op	nnotation ial Hydro-static en To Flow (1)	
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Pressure vs. T 322 Pressure 1759	SINC SEE Tomponium Tomponi	(Min.) 0 1 21 61 61	Pressure (psig) 1788.72 17.05 194.66 720.68 157.12	Temp A (deg F) 102.65 Initi 101.92 Op 110.63 Sh 109.55 End 109.15 Op	nnotation ial Hydro-static en To Flow (1) ut-ln(1) d Shut-ln(1) en To Flow (2)	
Pressure vs. T 820 Pressure 1750	SINC SEE Tomponium Tomponi	(Min.) 0 1 21 61 61 61	Pressure (psig) 1788.72 17.05 194.66 720.68 157.12 160.00	Temp A (deg F) 102.65 Initi 101.92 Op 110.63 Sh 109.55 End 109.55 End 109.15 Op 109.11 Sh	nnotation ial Hydro-static en To Flow (1) ut-ln(1) d Shut-ln(1) en To Flow (2) ut-ln(2)	
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RILOBITE	DRILL STEM TE	ST REPO	DRI		31710	1A 15 1	
4-14	Amercian Oil LLC		19-1	1s-19w	Ellis,KS		
ESTING , INC	1023 Reservation Rd		Koh	nl #1-19			
	Hays KS 67601		Job T	Ticket: 56	114	DST#:	
127 ·	ATTN: Austin Klaus		Test	Start: 20	14.02.24 @	02:33:53	
ENERAL INFORMATION:							
ormation: Simpson Sand eviated: No Whipstock: ime Tool Opened: 04:20:23 ime Test Ended: 08:27:13	ft (KB)		Test Teste Unit I	er: 7	Convention Fate Lang 19	al Straddle (I	nitial)
terval:3649.00 ft (KB) To369otal Depth:3770.00 ft (KB) (TVlole Diameter:7.88 inches Hole	D)		Refe	rence Ee KB te	vations: o GR/CF:	2099.00 2091.00 8.00	ft (CF)
erial #: 8897 Inside	D 2050 00 th (I/D)	-	Capacity:) de sterre	8000.00	nsia
ress@RunDepth: psig @ tart Date: 2014.02.24	3650.00 ft (KB) End Date:	2014.02.24	Last Calib			2014.02.24	poig
tart Time: 02:33:10	End Time:	08:26:29	Time On E Time Off E				
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