

Confidentiality Requested:

Yes No

### Kansas Corporation Commission Oil & Gas Conservation Division

1220952

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:			Sec.	TwpS. R	
Address 2:			F6	eet from	outh Line of Section
City: S	State: Z	ip:+	Fe	eet from East / We	est Line of Section
Contact Person:			Footages Calculated from	Nearest Outside Section Cor	ner:
Phone: ()			□ NE □ NW	V □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	#:
	e-Entry	Workover	Field Name:		
	_	_	Producing Formation:		
☐ Oil ☐ WSW ☐ D&A	☐ SWD	□ SIOW □ SIGW	Elevation: Ground:	Kelly Bushing:	
☐ OG	GSW	Temp. Abd.	Total Vertical Depth:	Plug Back Total Dep	oth:
CM (Coal Bed Methane)	dow	тетір. дай.	Amount of Surface Pipe Se	et and Cemented at:	Feet
Cathodic Other (Co.	re, Expl., etc.):		Multiple Stage Cementing	Collar Used? Yes N	lo
If Workover/Re-entry: Old Well Ir			If yes, show depth set:		Feet
Operator:			If Alternate II completion, o	cement circulated from:	
Well Name:			feet depth to:	w/	sx cmt.
Original Comp. Date:	Original T	otal Depth:			
Deepening Re-perf.	Conv. to E	NHR Conv. to SWD	Drilling Fluid Managemer	nt Plan	
☐ Plug Back	Conv. to G	SW Conv. to Producer	(Data must be collected from t		
□ Ourselinated	D		Chloride content:	ppm Fluid volume: _	bbls
<ul><li>Commingled</li><li>Dual Completion</li></ul>			Dewatering method used:		
SWD			Location of fluid disposal if	f hauled offsite:	
☐ ENHR			Location of fluid disposal fi	nauleu onsite.	
GSW			Operator Name:		
<u> </u>			Lease Name:	License #:	
Spud Date or Date Re	eached TD	Completion Date or	QuarterSec	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							
Geologist Report Received							
UIC Distribution							
ALT I II III Approved by: Date:							



Operator Name:			Lease Name: _			Well #:	
Sec Twp	S. R	East West	County:				
open and closed, flow	ring and shut-in pressu	ormations penetrated. Eures, whether shut-in predict final chart(s). Attach	essure reached stati	c level, hydrosta	atic pressures, bott		
		otain Geophysical Data a or newer AND an image		gs must be ema	ailed to kcc-well-lo	gs@kcc.ks.go	v. Digital electronic log
Drill Stem Tests Taker (Attach Additional S		Yes No		_	on (Top), Depth an		Sample
Samples Sent to Geo	logical Survey	Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
		CASING	RECORD Ne	ew Used			
		Report all strings set-	conductor, surface, inte	ermediate, product	ion, 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
	Donth		. CEMENTING / SQL	JEEZE RECORD			
Purpose:  Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	# Sacks Used		Type and P	ercent Additives	
	ulic fracturing treatment o	n this well?		Yes	No (If No, ski	p questions 2 aı	nd 3)
Does the volume of the to	otal base fluid of the hydr	aulic fracturing treatment ex submitted to the chemical	_	= :	No (If No, ski	p questions 2 at p question 3) out Page Three	
Shots Per Foot	PERFORATION Specify For	N RECORD - Bridge Plug ootage of Each Interval Per	s Set/Type forated		cture, Shot, Cement mount and Kind of Ma		d Depth
				,			
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First, Resumed	Production, SWD or ENH	IR. Producing Meth		Gas Lift (	Other (Explain)		
Estimated Production Per 24 Hours	Oil B	bls. Gas	Mcf Wate	er B	bbls. G	as-Oil Ratio	Gravity
DISPOSITIO	ON OF GAS:	Open Hole		Comp. Con	mmingled	PRODUCTIO	ON INTERVAL:
(If vented, Sul	bmit ACO-18.)	Other (Specify)	(Submit )	400-5) (Sub	omit ACO-4)		

Form	ACO1 - Well Completion
Operator	White Exploration, Inc.
Well Name	Spring Valley Ranch 1-14X
Doc ID	1220952

## All Electric Logs Run

Compensated Density/Neutron
Dual Induction
Microlog
Sonic

Form	ACO1 - Well Completion
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Well Name	Spring Valley Ranch 1-14X
Doc ID	1220952

### Tops

Name	Тор	Datum
Heebner	4162	-448
Lansing	4217	-503
Base KC	4584	-870
Marmaton	4599	-885
Cherokee Shale	4746	-1032
Morrow Shale	4970	-1256
Keyes Lime	5110	-1396
Mississippi	5200	-1486

Form	ACO1 - Well Completion
Operator	White Exploration, Inc.
Well Name	Spring Valley Ranch 1-14X
Doc ID	1220952

## Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Type and Percent Additives
Surface	17.5	13.375	48	335	Common	3% CC 2% Gel

ALLIED OIL & GAS SERVICES, LLC 064179

Federal Tax I.D. # 20-8651475

REMIT TO P.O. E	OX 93999 HLAKE, T		92		SER	VICE POINT:	,K,
DATE 8 (19/14	SEC.	TWE	RANGE	CALLED OUT	ON LOCATION	IOB START	JOB FINISH
Spring Valley LEASE Dorch	WELL#	1-64X	LOCATION Sho		11 1.2	COUNTY	STATE
OLD OR NEW (C		1 (2/)	6 W - 3x		4WW	Wallace	
CONTRACTOR A	M. C	120	· · · · · · · · · · · · · · · · · · ·		<u> </u>		,
TYPE OF JOB	SurFace	<u>,                                    </u>		OWNER S	6000		
4-	1/2	T.D.	335	CENTENIC			
CASING SIZE 13			TH 335	CEMENT	2/10	1111	10000
TUBING SIZE	- 11/	DEP		AMOUNT O	rdered <i>340</i> 2	JK Com	3°90CC
DRILL PIPE		DEP			· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	
TOOL		DEP		······································		<del> </del>	
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MEAS, LINE			EJOINT		27 U 515	_@ <i></i>	6086
CEMENT LEFT IN	v CSG	SHC	15 /	POZMIX			
PERFS.	. 000.		70	GEL	010	-@ <i>10-</i>	12.190
DISPLACEMENT		500	.24 BBL	CHLORIDE	739	@ /	. 054
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BULK TRUCK							- <del></del>
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BULK TRUCK		44	<del></del>			@	
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To: Allied Oil &							
You are hereby re							
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contractor to do v							
done to satisfacti						TOTAL	·
contractor. I have	e read and	understar	d the "GENERA	AL			
TERMS AND CO	ONDITIO	NS" listed	on the reverse s	ide. SALES TAX	(If Any)		<del></del>
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SIGNATURE					0,000	13 14.	
SIGNATURE_		<del>v-a-</del>		<del></del>			



# ALLIED OIL & GAS SERVICES, LLC 054084 Federal Tax I.D. # 20-8651475

SOUTH	DX 93999 ILAKE, TEXAS 7	6092	SERVICE POINT:			
					2000	71/2
DALENINGTIT	SEC. Y TWP.	Y RANGE 4/	CALLED OUT	ON LOCATION	JOB START	JOS FINISH
LEASE Revol	WELL# /-/4	X LOCATION Sha	ren Sporings	55 401	COUNTY	STATE
OLD OR NEW Cir	cle one)	NYO	Juito	<u> </u>	July 4Cz	† <i>E</i> -2
CONTRACTOR ~	Martin	22	OWNER 5		J	
	774		OWNER 2			
HOLE SIZE	17/200	D. 53001				
CASING SIZE			_ Cement			
		EPTH	AMQUNT ORI	)FRED 255	`5/4/ Cer	149m28
TUBING SIZE		EPTH	/�/	lo-seal	>	
	/ 1/2 D	EPTH 28351				
TOOL	D	EPTH				<del></del>
PRES. MAX	M	INIMUM		143-4		~~~~
MEAS. LINE		IOE JOINT	_ COMMON		@ <u>//-/0</u>	<u>2738.7</u> 0
CEMENT LEFT IN		IOE JOIN I	_ POZMIX	1023	1@ /、^>	<u>_755.76</u>
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DISPLACEMENT	33.2 661		ASC		- @	
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To: Allied Oil & G	as Services, LLC	Σ.	<del></del>			
You are hereby req	uested to rent ce	menting equipment		· · · · · · · · · · · · · · · · · · ·		
and furnish cement					_@	
	ed and norgen(s)	The above work was				
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SIGNATURE				U, 0501	11115	
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# **Andrew White**

Petroleum Geologist

Scale 1:240 (5"=100') Imperial Measured Depth Log

Well Name: Spring Valley Ranch #1-14X

Location: 14-14S-41W

License Number: API: 15-199-20420 Region: Wallace Co, KS

Spud Date: 08-20-14 Drilling Completed: 08-28-14

Surface Coordinates: 2542' FNL, 791' FEL

**Bottom Hole** 

Coordinates:

Ground Elevation (ft): 3703 K.B. Elevation (ft): 3714 Logged Interval (ft): 3800 To: 5300 Total Depth (ft): 5300

Formation: Mississippian Type of Drilling Fluid: Chemical

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.co 1

#### **OPERATOR**

Company: White Explorartion, Inc.

Address: 1635 N. Waterfront Pkwy, Suite 100

Wichita, KS 67206

### **GEOLOGIST**

Name: Andrew White

Company: White Exploration, Inc.

Address: 1635 N. Waterfront Pkwy, Suite 100

Wichita, KS 67206

### Remarks

Due to Log evalutation and Sample evalution, the decision was made to Plug the Spring Valley Ranch 1-14X

### **General Info**

**Drilling Contractor: Murfin Drilling Rig 22** 

Logs: Nabors

Compensated Density/Neutron, Dual Induction, Micro, Sonic

Drilling Mud: Mudco/Service Mud, Inc.

Surveys: 335'-.75; 432'-1; .2006'-.4; 2760'-.4; 3614'-.5; 3792'-.9; 3957'-.8;4113'-.3,4291'-.8; 5300'-.75

### **Daily Status**

08/19/14: Skid Murfin Rig #22

08/20/14: Running Surface casing, 335', 8 joints of 13-3/8", 340 sacks common cement with 3% CC and 2% gel.

Lost circ @ 370' and 432', total of 190 bbls

08/21/14: Drilling @ 900' 08/22/14: Drilling @ 2845'

08/23/14: Drilling @ 3970', Lost circ @ 4394', lost approx. 250 bbls

08/24/14: Waiting on more fluid,

08/25/14: Drilling @ 4625', have lost approx, 15-20 bbls in last 24 hrs

08/26/14: Drilling @ 4920

08/27/14: Drilling @ 5205, Drilled down to 5300' RTD, Rig up Nabors for log

08/28/14: Plugged with 255 sacks of 60/40 Poz Mix with 4% gel and 1/4# Floseal/sack, 50 scks @ 2835', 100

scks @ 1800', 385 scks @ 50', 10 scks @ 40', 30 scks in Rat, 15 scks in Mouse

Spring Valley Ranch #1-14x 2542' FNL, 791' FEL 14-14S-41W

KB: 3714

Formation	Sample	Sub-Se	Log	Sub-Sea
Heebner	4160	-446	4162	-448
Lansing	4214	-500	4217	-503
BKC	4570	-856	4584	-870
Marmaton	4590	-876	4599	-885
Cherokee	4746	-1032	4746	-1032
Morrow	4967	-1253	4970	-1256
Keyes	5106	-1392	5110	-1396
Mississippi	5206	-1492	5200	-1486

Cities Service Pearce #1

10-14S-41W Structural KB: 3772 Relationship

relationship		
Sample	Log	
-59	-61	
-56	-59	
-35	-49	
-32	-41	
-43	-43	
-33	-36	
-80	-84	
-164	-158	

Cherokee Operating Frank #1 4950' FSL, 3406' FEL 24-14S-41W

KB: 3733 Structural Relationship

Sample	Log	
-28	-30	
-25	-28	
-10	-24	
-19	-28	
-35	-35	
-20	-23	
-5	-9	
-12	-6	

















