

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1118956

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	East _ West
Address 2:			F6	eet from North /	South Line of Section
City:	State: Z	ip:+	Fe	eet from East /	West Line of Section
Contact Person:			Footages Calculated from	Nearest Outside Section C	Corner:
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:	W	ell #:
	e-Entry	Workover	Field Name:		
	_		Producing Formation:		
☐ Oil ☐ WSW ☐ D&A	☐ SWD	∐ SIOW ∏ SIGW	Elevation: Ground:	Kelly Bushing:	
	GSW	Temp. Abd.	Total Vertical Depth:	Plug Back Total D	epth:
CM (Coal Bed Methane)	dow	Temp. Abd.	Amount of Surface Pipe Se	et and Cemented at:	Feet
☐ Cathodic ☐ Other (Co	ore. Expl., etc.):		Multiple Stage Cementing	Collar Used? Yes	No
If Workover/Re-entry: Old Well I			If yes, show depth set:		
Operator:			If Alternate II completion, c	cement circulated from:	
Well Name:			feet depth to:	w/	sx cmt.
Original Comp. Date:					
Deepening Re-perf	J	ENHR Conv. to SWD	Drilling Fluid Managemer	nt Plan	
Plug Back	Conv. to G		(Data must be collected from to		
Commingled	Permit #		Chloride content:	ppm Fluid volume	: bbls
Dual Completion			Dewatering method used:_		
SWD			Location of fluid disposal if	hauled offsite:	
ENHR	Permit #:				
GSW	Permit #:		Operator Name:		
			Lease Name:		
Spud Date or Date R	eached 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



Operator Name:				Lease I	Name: _			Well #:		
Sec Twp	S. R	East	West	County	:					
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in press o surface test, along v	ures, whet vith final c	ther shut-in pre hart(s). Attach	essure reac extra shee	hed stati t if more	c level, hydrosta space is neede	tic pressures, bod.	ottom hole temp	erature, fluid re	ecovery,
Final Radioactivity Lo files must be submitte						gs must be ema	liled to kcc-well-	ogs@kcc.ks.go	v. Digital electi	ronic log
Drill Stem Tests Taker (Attach Additional		Ye	es No			J	on (Top), Depth		Samp	
Samples Sent to Geo	logical Survey	Ye	es No		Nam	e		Тор	Datum	1
Cores Taken Electric Log Run		☐ Ye								
List All E. Logs Run:										
				RECORD	Ne					
	0: 11.1					ermediate, product		" 0 1	T 15	
Purpose of String	Size Hole Drilled		e Casing (In O.D.)	Weig Lbs.		Setting Depth	Type of Cement	# Sacks Used	Type and Pe Additive	
			ADDITIONAL	CEMENTI	NG / SQL	JEEZE RECORD				
Purpose:	Depth Top Bottom	Туре	of Cement	# Sacks	Used		Type and	Percent Additives		
Perforate Protect Casing	Top Detterm									
Plug Back TD Plug Off Zone										
1 lug 0 li 20 lio										
Did you perform a hydrau	ulic fracturing treatment of	on this well?	•			Yes	No (If No, s	kip questions 2 a	nd 3)	
Does the volume of the t			_		-		= ` `	kip question 3)		
Was the hydraulic fractur	ing treatment information	n submitted	to the chemical of	disclosure re	gistry?	Yes	No (If No, f	ill out Page Three	of the ACO-1)	
Shots Per Foot			D - Bridge Plug Each Interval Perf				cture, Shot, Ceme			Depth
						(_	
TUBING RECORD:	Size:	Set At:		Packer A		Liner Run:				
		0017111				[Yes N	0		
Date of First, Resumed	Production, SWD or EN	HR.	Producing Meth	nod:	g 🗌	Gas Lift (Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wat	er B	bls.	Gas-Oil Ratio	Gra	avity
DIODOCITI	01.05.040			4ETUOD 05	001451	TION		DDODUCT	ONLINITED (A)	
DISPOSITION Solo	ON OF GAS: Used on Lease		N Open Hole	∥ETHOD OF ☐ Perf.			nmingled	PRODUCTION	ON INTERVAL:	
	bmit ACO-18.)		Other (Specify)		(Submit		mit ACO-4)			

Form	ACO1 - Well Completion
Operator	Falcon Exploration, Inc.
Well Name	JOAN WARD 2-32(SW)
Doc ID	1118956

All Electric Logs Run

DIL	
MEL	
BHCS	
CNL/CDL	

Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Sam Brownback, Governor

Mark Sievers, Chairman Thomas E. Wright, Commissioner Shari Feist Albrecht, Commissioner

February 19, 2013

CYNDE WOLF Falcon Exploration, Inc. 125 N MARKET STE 1252 WICHITA, KS 67202-1719

Re: ACO1 API 15-069-20411-00-00 JOAN WARD 2-32(SW) SW/4 Sec.32-28S-30W Gray County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully, CYNDE WOLF

ALLIED CEMENTING CO., INC.

Federal Tax I.D.# 48-0727860 27199 REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665 SERVICE POT CALLED OUT ON LOCATION LOCATION + Eta Libe OLD OR NEW Circle one) CONTRACTOR OWNER TYPE OF JOB HOLE SIZE 73 T.D. CEMENT CASING SIZE DEPTH AMOUNT ORDERED **TUBING SIZE** DEPTH GE/ DRILL PIPE 4 DEPTH 1880 TOOL DEPTH PRES. MAX MINIMUM COMMON MEAS. LINE SHOE JOINT WA POZMIX CEMENT LEFT IN CSG. A. GEL @ 7 NA PERFS. CHLORIDE @ DISPLACEMENT ASC. @ EQUIPMENT 0 @ **PUMP TRUCK** CEMENTER / @ #55/A/330 HELPER @ BULK TRUCK @ #457/50 DRIVER @ BULK TRUCKY
528 DRIVER @ @ HANDLING @ MILEAGE REMARKS: SERVICE DEPTH OF JOB PUMP TRUCK CHARGE **EXTRA FOOTAGE** @ MILEAGE_50h 0 MANIFOLD. @ CTIEL @2 FALCON CHARGE TO: STREET CITY_ STATE ZIP PLUG & FLOAT EQUIPMENT 0 To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment @ and furnish cementer and helper to assist owner or @ contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or TOTAL _ contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side. TOTAL CHARGE DISCOUNT IF PAID IN 30 DAYS SIGNATURE Olan & Loft PRINTED NAME

ALLIED OIL & GAS SERVICES, LLC 053308 Federal Tax I.D.# 20-5975804

REMIT TO	P.O. BOX 31 RUSSELL, KANSAS 67665

SERVIC	E POINT:
021(120	
	LiberalKS

			Liberal	
DATE 11-8-12 SEC. TWP. 285 RANGE 30 W	ALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE JOUNDAYVELL # 2-32 LOCATION VCC COOL	and KS		COUNTY	STATE 155
OLD OR NEW (Circle one)			1,01	17.4
CONTRACTOR Sterling Orilling Company	OWNER		120.	
TYPE OF JOB Surface				
HOLE SIZE 1244 T.D. 1876	CEMENT		0. 0.00	
CASING SIZE 8 % DEPTH 1871	AMOUNT OR	DERED 450SK	ClassH 3%	Cle
TUBING SIZE DEPTH	290 Colium	Motor licate 2	Garagal H	#190
DRILL PIPE DEPTH	150 Class C	29016 14#P	lo seal	
TOOL DEPTH				
PRES. MAX 1,500 MINIMUM	COMMON 4	SO ClassA	@ 17.90	8,055
MEAS. LINE SHOE JOINT 42 IS	POZMIX		@	
CEMENT LEFT IN CSG. 2.68 barrels	GEL		@	
	CHLORIDE_	19sk	@ 64.00	1216
PERFS. DISPLACEMENT 116.5 barrels			_@	
	Classic 15	n sh	@ 24.40	3,440
EQUIPMENT	(-DS/ -/-	Seal 9sk	63719	338.40
1	C 1 Ma	tasilizate 896	するマラク	2791.00
PUMPTRUCK CEMENTER Lenny Backs Konylores	Flosen	113 #	@ 2.97	2 25.61
# 530-484 HELPER VICENT TORKE 3	F10 X01	45	_@_ <i></i> 2.77_	
				·
#457-527 DRIVER Ed! Coronado				
BULK TRUCK	Oravige	(1196)	@ <u>2.40</u> @ 2.48	3100.60
# DRIVER	Uravige	(0).6	@ 2.48	1637.79
11	HANDLING_ MILEAGE_		W_#70	7
Thank You		SERV		
	DEPTH OF JO	DB 1001-2	000	
	PUMP TRUC	K CHARGE 2	1213.75	
	EXTRA FOO	TAGE	@	
	MILEAGE_	10	@ 4.40	176.00
	MANIFOLD.		@ 275	275.00
		de 40	@ 7.70	275.00
				275.00
CHARGETO Falcon Evaluation				30800
CHARGE TO: Falcon Exploration				30800
CHARGE TO: Falcon Exploration				275.00
STREET				30800
			@ <u>7.70</u> @	275.00 308.00 2972.75
STREET		de 40	@ <u>7.70</u> @	275.00 308.00 2972.75
STREET		PLUG & FLOA	@ <u>7.70</u> @	275.00 308.00 2972.75
STREET	heavy Veh	PLUG & FLOA	© 7.70 © TOTAI TOTAI TEQUIPMEI © 440.98 © 946.99	275.00 30800 2972.75
CITYSTATEZIP	heavy Veh	PLUG & FLOA	© 7.70 © TOTAI AT EQUIPME © 440.98	275.00 308.00 2972.75 NT
CITYSTATEZIP To: Allied Oil & Gas Services, LLC.	heavy Veh	PLUG & FLOA	© 7.70 © TOTAI TOTAI TEQUIPMEI © 440.98 © 946.99	275.00 308.00 2972.75 NT 460.98 466.94 284.64
CITYSTATEZIP To: Allied Oil & Gas Services, LLC. You are hereby requested to rent cementing equipment	heavy Veh	PLUG & FLOA	© 7.70 © TOTAI TOTAI TEQUIPME © 440.98 © 440.94 © 74.88	275.00 308.00 2972.75 NT 460.98 466.94 284.64
To: Allied Oil & Gas Services, LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or	heavy Veh	PLUG & FLOA	© 7.70 © TOTAI TOTAI TEQUIPME © 440.98 © 440.94 © 74.88	275.00 308.00 2972.75 NT 460.98 466.99
To: Allied Oil & Gas Services, LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was	heavy Veh	PLUG & FLOA	@ 7.70 @ TOTAI AT EQUIPME! @ 4\ld.98 @ 4\ld.94 @ 74.88 @ \$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	275.00 308.00 2972.75 NT 460.98 406.94 224.64 224.64 231.04
To: Allied Oil & Gas Services, LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or	Guid Shi AFU Floa Central Coment &	PLUG & FLOM PLUG &	© 7.70 © TOTAL TOTAL TOTAL ### 440.98 @ 440.99 @ 74.88 @ 559.36 @ 131.00	275.00 308.00 2972.75 NT 460.98 466.94 284.64
To: Allied Oil & Gas Services, LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL"	Guid Shi AFU Floa Central Coment &	PLUG & FLOM PLUG &	© 7.70 © TOTAL TOTAL TOTAL ### 440.98 @ 440.99 @ 74.88 @ 559.36 @ 131.00	275.00 308.00 2972.75 NT 460.98 446.99 224.69 224.69 231.09
To: Allied Oil & Gas Services, LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or	Guid Shi AFU Floa Central Coment &	PLUG & FLOA	© 7.70 © TOTAL TOTAL TOTAL ### 440.98 @ 440.99 @ 74.88 @ 559.36 @ 131.00	275.00 308.00 2972.75 NT 460.98 466.99 204.69 204.69 21.09
To: Allied Oil & Gas Services, LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.	Guid Shi AFU Floa Central Coment &	PLUG & FLOA (IFAny)	© 7.70 © TOTAL TOTAL TOTAL ### 440.98 @ 440.99 @ 74.88 @ 559.36 @ 131.00	275.00 308.00 2972.75 NT 46.98 46.99 204.69 204.69 131.09
To: Allied Oil & Gas Services, LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.	Guid Shi AFU Floa Centrali Coment Bo Top Rutter	PLUG & FLOA (IFAny)	### TOTAL TOTAL TOTAL ###################################	275.00 308.00 2972.75 NT 46.98 46.99 204.69 131.09
To: Allied Oil & Gas Services, LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL"	Guid She AFU Floa Centrali Correct Go Pep Rubbe	PLUG & FLOA (IFAny)	### TOTAL TOTAL TOTAL ###################################	275.00 308.00 2972.75 NT 46.98 46.99 204.69 204.69 131.09
To: Allied Oil & Gas Services, LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.	Guid Shi AFU Floa Centrali Coment Bo Top Rutter	PLUG & FLOA (IFAny)	### TOTAL TOTAL TOTAL ###################################	275.00 308.00 2972.75 NT 46.98 46.99 204.69 131.09

OPERATOR

Company: Falcon Exploration, Inc. 125 N. Market Address:

Suite 1252 Wichita, KS 67202

Contact Geologist: Brian Fisher Contact Phone Nbr: 316-262-1378

Well Name: Joan Ward #2-32 (SW)

Kansas

Sec. 32 - T28S - R30W Location: API: 15-069-20411-0000 Field: Pool: Wildcat

Country:

Time:

Time:

To:

Latitude:

USA

00:00

04:25

5500.00ft

2806.00ft

COMPARISON WELL

Joan Ward #2-32 (SW)

Scale 1:240 Imperial

Well Name: Sec. 32 - T28S - R30W Surface Location: **Bottom Location:**

API:

15-069-20411-0000

State:

License Number: 5316 11/6/2012 Spud Date:

Region: **Gray County Drilling Completed:** 11/14/2012

Surface Coordinates: 2310' FSL & 2030' FWL **Bottom Hole Coordinates:**

Ground Elevation: 2806.00ft

K.B. Elevation: 2819.00ft 3380.00ft Logged Interval: Total Depth: 5500.00ft

Well Type:

Longitude: N/S Co-ord:

E/W Co-ord:

Company:

K.B. Elevation:

Address:

Formation: Morrow - Mississippian Drilling Fluid Type: Chemical/Fresh Water Gel

Vertical

SURFACE CO-ORDINATES

2310' FSL 2030' FWL

LOGGED BY

Keith Reavis Consulting Geologist

Keith Reavis, Inc. 3420 22nd Street

Great Bend, KS 67530 Phone Nbr: 620-617-4091

KLG #136 Keith Reavis Logged By: Name:

CONTRACTOR

Sterling Drilling Company Contractor: Rig #:

2819.00ft

Rig Type: mud rotary Spud Date: 11/6/2012

Time: 00:00 TD Date: 11/14/2012 Time: 04:25 Rig Release: Time:

> **ELEVATIONS Ground Elevation:**

K.B. to Ground: 13.00ft

NOTES

No potentially productive zones encountered warranted drill stem testing during the drilling of this well. Electrical log analysis confirmed that the Joan Ward #2-32 would be non-commercial, therefore it was decided that this well be plugged and abandoned as a dry hole.

A Tooke Daq gas detection system operated by Sterling Drilling Company was employed on this well. The ROP and gas data were imported into this mudlog. The gamma ray and caliper was imported from the electrical log data. Sample tops were generally with-in accepted ranges of log tops and therefore, the curves were not shifted to provide exact matches.

The samples were saved and will be available for review at the Kansas Geological Survey Well Sample Library located in Wichita, KS.

Respectfully submitted, Keith Reavis

DATE

7:00 AM DEPTH

Falcon Exploration, Inc daily drilling report

REMARKS

11/10/2012	3327	Geologist Keith Reavis on location @ 0600 hrs, 3259 ft., drilling ahead Stotler, Tarkio, Topeka,
11/11/2012	4 205	Drilling ahead, Topeka, Lecompton, Heebner, Douglas, plugged bit at 4205' TOH w/bit, resume drilling Douglas, LKC, Stark, Marmaton
11/12/2012	5082	drilling ahead, Marmaton, Pawnee, Cherokee, bit trip, out with PDC, in with button bit @ 5082 ft., resume drilling
11/13/2012	5269	drilling ahead, Morrow, Mississippian, St. Gen, St. Louis
11/14/2012	5500	TD @ 0425 hrs, ctch, TOH for logs, conduct and complete electrical logging operations, geologist released @ 1810 hrs

Falcon Exploration, Inc. well comparison sheet

		Joan Ward	l #2-32	Joan Ward #1-32 1150' FSL & 130' FWL				
	23	310' FSL &	2030' F					
		Sec 32-T	285-R30W	Sec 32-T28S-R30W				
						Struct	Structural	
g	2819	KB			2831	KB	Relationship	
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log
Stotler	3531	-712	3530	-711	3546	-715	3	4
Tarkio	3600	-781	3598	-779	3614	-783	2	4
Topeka	3802	-983	3800	-981	3813	-982	-1	1
Heebner	4139	-1320	4138	-1319	4151	-1320	0	1
Douglas	4181	-1362	4177	-1358	4189	-1358	-4	0
Lansing	4244	-1425	4249	-1430	4261	-1430	5	0
Stark	4626	-1807	4624	-1805	4642	-1811	4	6
Marmaton	4762	-1943	4762	-1943	4780	-1949	6	6
Pawnee	4864	-2045	4861	-2042	4878	-2047	2	5
Cherokee	4907	-2088	4906	-2087	4922	-2091	3	4
Morrow	5140	-2321	5137	-2318	5152	-2321	0	3
Morrow Sand	np	np	np	np	np	np	np	np
Chester	5182	-2363	5179	-2360	5194	-2363	0	3
St. Gen	5288	-2469	5272	-2453	5290	-2459	-10	6
St. Louis por	5388	-2569	5390	-2571	5395	-2564	-5	-7
Total Depth	5500	-2681	5500	-2681	5498	-2667	-14	-14



MINERAL

Lmst fw<7

FOSSIL

Oolite

Pellets

Oomoldic

F Fossils < 20%

shale, grn

Lmst fw7>

Carbon Sh **ACCESSORIES**

ROCK TYPES

shale, gry

TEXTURE

shale, red

Printed by GEOstrip VC Striplog version 4.0.7.0 (www.grsi.ca)

C1 (units)

C2 (units)

TG, C1 - C5

Dolomite Limestone

Chert. dark ∠ Dolomitic Glauconite

P Pyrite .* Sandy Varicolored chert

△ Chert White

DST DST Int DST alt Core II tail pipe

3440

○ Bioclastic or Fragmental Sandstone

DRILLING WELL

Siltstone Shale green shale

STRINGER

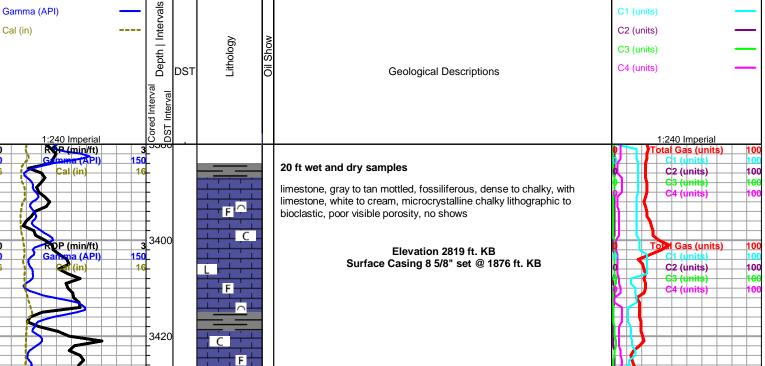
C Chalky L Lithogr

OTHER SYMBOLS

red shale

carb shale





light green mineral fluoresence

limestone, cream, oomoldic, good oomold porosity, no show oil or gas,

limestones, mixed cream to light gray, microcrystalline, chalky,

fossiliferous, moderate chalk in samples, no shows

