

Co	nfiden	tiality	/ Requested:
	Yes	N	lo

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1158451

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:			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 I	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 C	Depth:	
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:		Feet	
Operator:			If Alternate II completion, c	cement circulated from:		
Well Name:			feet depth to:	w/	sx cmt.	
Original Comp. Date:						
Deepening Re-perf	•	NHR Conv. to SWD	Drilling Fluid Managemer	nt Plan		
☐ Plug Back	Conv. to G		(Data must be collected from the			
Commingled	Pormit #:		Chloride content:	ppm Fluid volume	e: bbls	
Dual Completion			Dewatering method used: _			
SWD			Location of fluid disposal if	hauled offsite		
☐ ENHR			1			
GSW	Permit #:		Operator Name:			
_ _			Lease Name:	License #:_		
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 Name:			Well #:	
Sec Twp	S. R	East West	County:				
open and closed, flow and flow rates if gas to Final Radioactivity Lo	ving and shut-in pressu to surface test, along w og, Final Logs run to ob	ormations penetrated. Dures, whether shut-in pre with final chart(s). Attach otain Geophysical Data a or newer AND an image t	essure reached stati extra sheet if more and Final Electric Lo	c level, hydrosta space is needed	tic pressures, bott d.	om hole tempe	erature, fluid recovery,
Drill Stem Tests Take		Yes No	L	og Formatio	on (Top), Depth an	nd Datum	Sample
Samples Sent to Geo	ological Survey	Yes No	Nam	е		Тор	Datum
Cores Taken Electric Log Run							
List All E. Logs Run:							
			RECORD Ne				
	Siza Hala	Report all strings set-o	1			# Cooks	Type and Parcent
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 / SQL	IEEZE BECORD			
Purpose: Depth Type of Cement Perforate Protect Casing Plug Back TD			# Sacks Used Type and Percent Additives				
Plug Off Zone							
Does the volume of the		n this well? aulic fracturing treatment ex submitted to the chemical o		? Yes	No (If No, ski	p questions 2 and p question 3) out Page Three o	
Shots Per Foot		N RECORD - Bridge Plugootage of Each Interval Peri			cture, Shot, Cement		Depth
	- Cpany			, , ,			23,500
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First, Resumed	Production, SWD or ENF	HR. Producing Meth		Gas Lift C	Other (Explain)		
Estimated Production Per 24 Hours	Oil B	bbls. Gas	Mcf Wate	er B	bls. G	as-Oil Ratio	Gravity
Vented Sole	ON OF GAS: d Used on Lease shmit ACO-18.)	Open Hole Other (Specify)	METHOD OF COMPLE Perf. Dually (Submit A	Comp. Cor	nmingled mit ACO-4)	PRODUCTIO	ON INTERVAL:

Form	ACO1 - Well Completion
Operator	Woolsey Operating Company, LLC
Well Name	GRESS-DAWSON 2
Doc ID	1158451

Tops

Name	Тор	Datum
CHASE	1811	-239
ONAGA	2614	-1042
ELGIN SD	3420	-1848
DOUGLAS	3624	-2052
LANSING A	3761	-2189
HERTHA	4182	-2610
MISSISSIPPIAN	4317	-2745
VIOLA	4605	-3033
SIMPSON	4823	-3251

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

September 13, 2013

DEAN PATTISSON Woolsey Operating Company, LLC 125 N MARKET STE 1000 WICHITA, KS 67202-1729

Re: ACO1 API 15-007-24024-00-00 GRESS-DAWSON 2 SE/4 Sec.35-31S-12W Barber 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, DEAN PATTISSON



10244 NE Hwy. 61 P.O. Box 8613 Pratt, Kansas 67124 Phone 620-672-1201

FIELD SERVICE TICKET 1718 07732 A

DATE TICKET NO._____

DATE OF 57	6-13	1	DISTRICT	Pratt			NEW (X)	OLD WELL□ F	PROD IN	J WD	w 🗆 S	USTOMER RDER NO	
CUSTOMER W	OOLS						LEASE Gress-Dawson 2 WELL NO.					О.	
ADDRESS							COUNTY	Barne	r	STA	ATE KS) 	
CITY			STA	ATE	•		SERVICE (CREW M	ise A	rron	J0€		
AUTHORIZED B	BY						JOB TYPE:	cnu		SF	SURF	ACE CAS	ING
EQUIPMENT		HRS		IPMENT#	HRS	EQI	JIPMENT#	HRS	TRUCK CAL		DAT 5~16-		TIME
33709-20920		D W)							ARRIVED A	ГЈОВ	5-16:	13 AM	5.06
19831-19863	2 15	a)m	in,	-					START OPE	RATION	5-16-1	3 AM	7.45
28443							* .		FINISH OPE	RATION	5-16-1	3 AM	1100
						· · · · ·			RELEASED		E-14-1		1.75
									MILES FROM	M STATIO	N TO WELL		12.7
ITEM/PRICE REF. NO.	_	·	MATERIAL,	EQUIPMEN	IT AND SER\	/ICES US	EĎ	UNIT	GIGNED: XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		TOR, CONTI	RACTOR OF	
CP 103	6014	OP	02					5K	200			2,400	7 00
CP 102	Cel	LOFL	9KC					16	46			17	0 20
CC 109	Cal	Siy	m Chi	lorida	e		_	16	344			36	
E 100	Pic	<u> 548</u>	mil	eage				m_{j}	30	•		12)	
CC 109 E 100 E 101 E 113	Bul	K Y	MIL	eage				mi	258			<u>42.</u>	0 06 2 50
CE 200	De	Pth	Char	and O-	500			4/2	238			1.20	0 00
CE 240	mi	Xin	w Chi	irae .	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			5/5	200			28	
s 003	SUP	erv	isor	""				eg	,			175	
					W	EL	FI	dence					
					Regu Drig Tests	ulatory / Comp s / Mete	Correspon Work	kovers					
СН	EMICAL /	ACID D	ATA:			QE!	RVICE & EQU	IIPMENT	0/.ΤΑ		JB TOTAL	D :3,47	15 36
							TERIALS	AU IAITEIAL		X ON \$			
											TOTAL		
							JUN 9	2					

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

REPRESENTATIVE

SERVICE



10244 NE Hwy. 61 P.O. Box 8613 Pratt, Kansas 67124 Phone 620-672-1201

FIFLD SERVICE TICKET

LIELD SE	NVICE	HORL	
1718	077	36	A

The same of the sa	PRESSURE	PUMPI	NG & WIRELINE					DATE	TICKET NO			
DATE OF 5.25-13 DISTRICT Pratt					MENT NEM	OLD. □ F	ROD []INJ	□ WDW	□SH	STOMER DER NO.:		
CUSTOMER /	VOOL	se	/	·		LEASE Gr	·e55 –	Daws	on		WELL NO.	٦
ADDRESS				·		COUNTY /	~			155		
CITY STATE S			SERVICE CI	REW //	ike 1	tron J	06	?				
AUTHORIZED B	BY					JOB TYPE:	cnu	17	-	CTIO	N CASING	
EQUIPMENT		IRS	EQUIPMENT#	HRS	EQL	JIPMENT#	HRS	TRUCK CALL	.ED	DATE	113 AM E''	NE .
19903-1990		7					<u> </u>	ARRIVED AT	JOB 5-2	413		15
19960-2101		2		 				START OPE	RATION 5.29	5/3	AM 3.	45
18777		2	· · · · · · · · · · · · · · · · · · ·	_			-	FINISH OPE		573		15
· Cr			•				-	RELEASED	5.2		AMP 5	15
				-			+	MILES FROM	1 STATION TO		30	
products, and/or su become a part of the	ipplies inclu	des all of without th	ecute this contract as an and only those terms and ne written consent of an o	conditions app	pearing on Energy Se	the front and bac rvices LP.	k of this do	IGNED:		terms a	nd/or condition	s shall
ITEM/PRICE REF. NO.			TERIAL, EQUIPMENT	AND SERV	ICES US	ED	UNIT	QUANTITY	UNIT PRICE	Ξ	\$ AMOUN	IT T
CP 103	60/4	o Pl	9Z				5/5	50	4		600	00
CP 105	AA2	ce	menT				515	125			2/125	<u>x</u>
CP 103	60/4	<u>0 r</u>	02			à .	SK	50			600	∞
CC 102	CELL	OFL	<u>ake</u>				116	56		\sqcup	207	20
CC 111	SQL	<u> </u>					16	790			395	00
CC 113	GYP	um		1 00	· 	-	16	590		$\vdash \vdash$	442	50
CC 129	FLA	<u>- 522</u>	Low FLuit	LOSS		· · · · · ·	16	95			712	50
CC 200	Cem	eni	<u>GeL</u>				16	172	• .	-	43	20
CC 201 CF 606	GILS	DAL	WAS PLAN					750	· · · · · · · · · · · · · · · · · · ·	\vdash	<u>502</u> 370	50
CF 1250	AUTO		11 6606			<u> </u>	<u>e</u> 9	<u> </u>		\vdash	330	20
CF 1650	Turk	00/	700					10			850	20
CF 2000	1912	ont	zer Scratcher				<i>eg</i>	32		i - 1	2,240	00
C 706	(6-1	KCL	JE / GTOIT OF	_			99L	4			176	00
		7/5	TOT.T. P	ILE			77-		-			
		V	Corres	pondence								
		R	egulatory Corres	Workovers	5						-	
		Ī	origy Comp ests / Meters	Operations								
									SUB TO	TAL	· ·	
CH	EMICAL / A	CID DATA	λ:	4		.			1/	4		
				1		RVICE & EQUI	PMENT		CON\$			\perp
			*]	MA	TERIALS		%TAX	CON\$			1
				_					ТО	TAL		
					ر	UL - 3 21	113			1		

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

REPRESENTATIVE,

SERVICE



DRILL STEM TEST REPORT

WOOLSEY OPERATING CO.LLC

35-31S-12W, BARBER

125 N MARKEY STE 1000 WICHITA KS 67202 GRESS-DAWSON #2

Job Ticket: 52319

Tester:

Capacity:

DST#:1

8000.00 psig

ATTN: SCOTT ALBERG Test Start: 2013.05.22 @ 15:50:00

GENERAL INFORMATION:

Formation: MISS

Deviated: No Whipstock: 1572.00 ft (KB)

4320.00 ft (KB) To 4350.00 ft (KB) (TVD)

Time Tool Opened: 18:14:15 Time Test Ended: 00:59:45

9:45 Unit No:

Total Depth: 4350.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1572.00 ft (KB)

Test Type: Conventional Bottom Hole (Initial)

RANDY WILLIAMS

1560.00 ft (CF) KB to GR/CF: 12.00 ft

Serial #: 6773

Interval:

Press@RunDepth: 119.67 psig @ ft (KB)

 Start Date:
 2013.05.22
 End Date:
 2013.05.23
 Last Calib.:
 2013.05.23

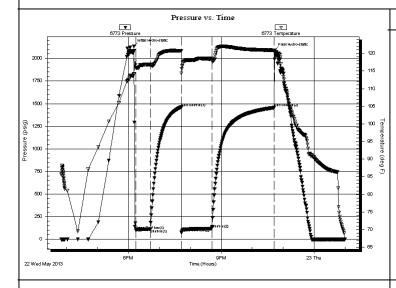
 Start Time:
 15:50:05
 End Time:
 00:59:45
 Time On Btm:
 2013.05.22 @ 18:11:00

Time Off Btm: 2013.05.22 @ 22:43:30

TEST COMMENT: IF-30- SBB, BOTTOM BUCKET 30 SEC'S

ISI-60- YBB, BOTTOM BUCKET

FF-60- SBB, BOTTOM BUCKET AT OPEN FSI-120- YBB, GAS TO SURFACE 16 MIN'S INTO



PRESSURE SUI	MMARY
--------------	-------

Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	2135.76	114.20	Initial Hydro-static
4	101.32	115.87	Open To Flow (1)
32	111.72	116.84	Shut-In(1)
92	1461.37	120.70	End Shut-In(1)
92	74.52	114.34	Open To Flow (2)
151	119.67	118.56	Shut-In(2)
272	1456.95	120.89	End Shut-In(2)
273	2089.11	120.31	Final Hydro-static
		1	

Recovery

Length (ft)	Description	Volume (bbl)
114.00	MUD 100%	0.56
121.00	G-40%, O-10%, W-5%, M-45%	1.62
-		-

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
--	----------------	-----------------	------------------

Trilobite Testing, Inc Ref. No: 52319 Printed: 2013.05.23 @ 05:13:59



DRILL STEM TEST REPORT

FLUID SUMMARY

WOOLSEY OPERATING CO.LLC

35-31S-12W, BARBER

125 N MARKEY STE 1000 WICHITA KS 67202 **GRESS-DAWSON #2**

Job Ticket: 52319

Serial #:

DST#:1

ATTN: SCOTT ALBERG

Test Start: 2013.05.22 @ 15:50:00

Mud and Cushion Information

Mud Type:Gel ChemCushion Type:Oil A Pl:deg A PlMud Weight:9.00 lb/galCushion Length:ftWater Salinity:ppm

Viscosity: 51.00 sec/qt Cushion Volume: bbl

9.18 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 4000.00 ppm Filter Cake: 3.00 inches

Recovery Information

Water Loss:

Recovery Table

Length ft	Description	Volume bbl
114.00	MUD 100%	0.561
121.00	G-40%, O-10%, W-5%, M-45%	1.624

Total Length: 235.00 ft Total Volume: 2.185 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 52319 Printed: 2013.05.23 @ 05:14:00



Woolsey Operating Company, LLC Scale 1:240 (5"=100") Imperial

Measured Depth Log

Well Name: GRESS-DAWSON #2
Location: APPROX SW NE SW SE

License Number: API: 15-007-24024-00-00 Region: Barber County, Kansas

Spud Date: May 16, 2013 Drilling Completed: May 24, 2013

Surface Coordinates: Section 35-T31S-R12W, 930' FSL, 1675' FEL

Pike South

Bottom Hole Vertical Hole

Coordinates:

Ground Elevation (ft): 1560 K.B. Elevation (ft): 1572 Logged Interval (ft): 3200 To: RTD Total Depth (ft): 4785

Formation: Simpson

Type of Drilling Fluid: Chemical Mud, Displace at 3381'.

Printed by WellSight Log Viewer from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Woolsey Operating Company,LLC

Address: 125 N. Market, Suite 1000

Wichita, KS 67202

GEOLOGIST

Name: W. Scott Alberg

Company: Alberg Petroleum, LLC Address: 609 Meadowlark Lane

Pratt, Kansas 67124

I	- 0	R	M	ΙΔ	T	C	N	Т	O	PS
•	u	1	·IV			v	14		u	ГО

	SAMPLE TOPS	LOG TOPS
LECOMPTON KANWAKA HEEBNER M. DOUGLAS SAND BROWN LIME LANSING STARK SHALE HUSHPUCKNEY SHALE B/KC PAWNEE MISSISSIPPIAN KINDERHOOK SHALE WOODFORD SHALE	3396(-1824) 3421(-1849) 3575(-2003) 3716(-2144) 3756(-2184) 3766(-2194) 4136(-2564) 4172(-2600) 4238(-2666) 4297(-2725) 4318(-2746) 4485(-2913) 4570(-2998) 4604(-3032)	LOG TOPS 3396(-1824) 3420(-1848) 3575(-2003) 3715(-2143) 3756(-2184) 3768(-2196) 4134(-2562) 4172(-2600) 4237(-2665) 4297(-2725) 4318(-2746) 4485(-2913) 4570(-2998) 4605(-3033)
SIMPSON SHALE SIMPSON SAND RTD LTD	4709`(-3137) 4740(-3168) 4785(-3213)	4709(-3137) 4740(-3168) 4785(-3213)

COMMENTS

Surface Casing: Set 5 joints 10 3/4" at 217' with 200 sxs Class A, 2% gel, 3% cc, plug down at 8:00 pm on

May 16, 2013. Cement did Circulate. Production Casing: Ran 4 1/2 Casing

Deviation Surveys: 1/2 - 217', 1/2 - 908', 1/4 1763'. 1/4 2271, 3/4 - 2747', 1 - 3286', 3/4 - 3794', 1 - 4350', 3/4 - 4785,

Contractor Bit Record:

1- 14 3/4" out at 217'.

2-77/8" out at 4350'.

3- 7 7/8" out at 4785'.

Pipe Strap at 4350' - 1.35' long to board.

Gas Detector: Woolsey Operating Company, Trailer #1

Mud System: Mud Co, Brad Bortz, Engineer DSTs: Trilobite Testing, Randy Williams

Logged by Nabors Completion and Production Services

LTD - 4785

DSTs

DST #1 4320 to 4350 - Mississippi

Times 30-60-60-120

1st Opening - Strong Blow BOB in 30 seconds, blow back BOB

2nd Opening- Strong Blow BOB at Open, blow back, BOB GTS 16 minutes.

Recovery:4250' GIP, 114' Drilling Mud (100% M), 121'GOWM (40% G, 10% O, 5% W, 45% M)

IFP 101-112# FFP 74-120# ISIP 1461# FSIP 1457# IHP 2135# FHP 2089#

Temp 122

Note - Tool partly plugged - cuttings.

CREWS

Fossil Drilling, Inc Rig #3 **Tool Pusher - Jim Wenrich**

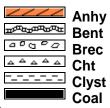
Drillers - Days - Daniel Orranta

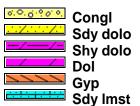
Evening - Edward Raney Morning - Andres Maestas Relief - Allen Collins

*

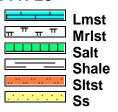
_

ROCK TYPES





Chlorite





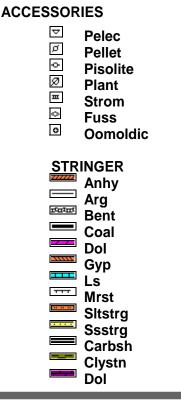
Grysh

Lms

Gryslt







Sandylms Sh Sltstn	
TEXTURE BS Boundst C Chalky CX CryxIn B Earthy FX FinexIn GS Grainst L Lithogr MX MicroxIn MS Mudst PS Packst Wackest	

Curve Track 1 ROP (min/ft) Gamma (API)		Lithology	Oil Shows	σ -		TG, C1-C5 TG (units) C1 (units) C2 (units) C3 (units) C4 (units) C5 (units)								
ROP (min/ft)	32			Drilling Progress May 16, 2013 MIRT Spud May 17, 2013 275' @ 7:00 am May 18, 2013 1900' @ 7:00 am May 19, 2013 2460' @ 7:00 am May 20, 2013 2860' @ 7:00 am May 21, 2013 3667' @ 7:00 am	0				T	G				100

