



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1089244  
OIL & GAS CONSERVATION DIVISION

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 # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx)      (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

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: \_\_\_\_\_



1089244

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, 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 / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR: \_\_\_\_\_ Producing Method:  
 Flowing    Pumping    Gas Lift    Other *(Explain)* \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Shell Gulf of Mexico Inc.
Well Name	Croft Farms 3407 30-1
Doc ID	1089244

Tops

Name	Top	Datum
Cherokee	4593	
Mississippi	4755	
Compton	5135	
Kinderhook	5143	
Woodford	5204	
Viola	5231	
Simpson	5275	
Arbuckle	5489	

SHELL GULF OF MEXICO, INC. (34574)	Croft Farms 3407 -30-1	
<b>PETE MARTIN DRILLING (34645)</b> (SET THE CONDUCTOR)		
	SWD conductor	SWD Mouse Hole
Call in DATE OF SPUD	3/29/2012	3/29/2012
spud in date	3/30/2012	4/1/2012
T.D date	3/30/2012	4/2/2012
Size Hole Drilled	26" Diam	20"
Size Casing Set (in O.D )	18"	14"
conductor wall thickness	.250	.118
Weight Lbs./Ft.	47.44 ppf	27.76 ppf
Setting Depth	60'	77'
Type of Cement	Type 1\2 portland cement	Type 1\2 portland cement
Cubic yards of cement	5 cu yds	5 cu yds
2500 PSI Grout Mix	Yes	yes
Type and Percent of Additives	15% Fly ash	15% Fly ash
Comments	0'-12'dirt 12'-60' hard clay hit a little water at 25'	0'-12'dirt 12'-60' hard clay hit a little water at 25'

# CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC		DATE 26-MAY-12	F.R. # 1001911321	SERV. SUPV. JUAN D MAESTAS			
LEASE & WELL NAME CROFT FARMS 3407 #30-1 - API 15077218070000		LOCATION 30-34S-7W		COUNTY-PARISH-BLOCK Harper Kansas			
DISTRICT McAlester		DRILLING CONTRACTOR RIG #		TYPE OF JOB Surface			
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD TVD	
9-5/8" Top Cem Plug, Nitrile cvr, Phe		Float Collar, Auto Fill, 9-5/8 - 8rd					
		Float Shoe 9-5/8 - 8rd					
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES			
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT	
C + Additives				500	14.8	1.35	
Displacement					8.34		
Water					8.34		
Available Mix Water 450 Bbl.		Available Displ. Fluid 500 Bbl.		TOTAL		198.64 75.45	
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	
12.25		800	8.921	9.625	36	CSG	
						MD TVD GRADE SHOE FLOAT STAGE	
						800 800	
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN	
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	
17.	18	84		60	60		
						DEPTH TOP BTM	
						SIZE THREAD TYPE WGT.	
						9.625 8RND WATER BASED MU 8.8	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI		OP. MAX	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	
61.3	BBLs	Displacement	8.34	250	0	0	
						MAX TBG PSI	
						Operator	
						MAX CSG PSI	
						Operator	
						MIX WATER	
						RIG	
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:							
PRESSURE/RATE DETAIL				EXPLANATION			
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES 2500 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
00:30	0	0	0	0		ARRIVED ON LOCATION	
00:35	0	0	0	0	0	HAZARD ASSESMENT WALK AROUND	
10:45	0	0	0	0	0	HOOKED UP TO CIRCULATE	
11:00	0	0	0	0	0	HELD SAFTY MEETING WITH RIG CREW	
11:30	0	0	0	0	0	TEST C 163 PUMP AND LINES TO 3500 PSI	
11:32	80	0	3.1	20	H2O	PUMP FRESWATER SPACER	
11:38	70	0	3.1	120	CMT	PUMP CEMENT SLURRY @ 14.8 PPG	
12:20	0	0	0	0	CMT	SHUT DOWN	
12:23	180	0	3.1	0	H2O	DROP TOP PLUG AND DISPLACE	
12:39	320	0	2.5	50	H2O	SLOW RATE	
12:45	400	0	2.5	59.4	H2O	BUMP TOP PLUG TO 1000 PSI	
12:48	0	0	0	0	H2O	BLEED PRESSURE .25 BBL RTN FLOAT HELD	
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	1000	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	40	199	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
SERVICE SUPERVISOR SIGNATURE: <i>Juan D Maestas</i>							



# CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC	DATE 09-JUN-12	F.R. # 1001912699	SERV. SUPV. JONATHAN M SCHULZ III
LEASE & WELL NAME CROFT FARMS 3407 #30-1 - API 15077218070000	LOCATION 30-34S-7W		COUNTY-PARISH-BLOCK Harper Kansas
DISTRICT McAlester	DRILLING CONTRACTOR RIG #		TYPE OF JOB Intermediate

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
7" Top Cem Plug, Nitrile cvr, Phen	Provided by Customer						

MATERIALS FURNISHED BY BJ	LAB REPORT NO.	PHYSICAL SLURRY PROPERTIES						
		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
SealBond Spacer			8.45				40	
C15:85:8 + 4pps Kolseal+10%NaCl+.25ppsCelloflake+		790	12.4	2.45	13.51	05:45	344.26	253.78
C50:50:2 + 4pps Kolseal+ .15% SMS+ 5% Salt+.25pp		200	14.2	1.32	5.66	03:45	46.91	26.89
Fresh Water Displacement			8.34				211.8	

Available Mix Water	600	Bbl.	Available Displ. Fluid	270	Bbl.	TOTAL	642.97	280.67
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HOLE			TBG-CSG-D.P.						COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
8.75		5513	6.366	7	23	CSG	5429	5429	L-80			

LAST CASING				PKR-CMT RET-BR PL-LINER				PERF. DEPTH		TOP CONN		WELL FLUID	
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
8.9	9.625	36		800	800			4600	4600	7	8RD	WATER BASED MU	9

DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator	MIX WATER
211.8	BBLS	Fresh Water Displace	8.34	1280						3000	Frac Tanks

**EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: Arrive on Location @ 730, Circulation casing down**

PRESSURE/RATE DETAIL						EXPLANATION					
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>					
	PIPE	ANNULUS				TEST LINES 4544 PSI					
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>					
07:30						Arrive on location/Shell Safety Shutdown					
23:45				40	SPACER	Sealbond Spacer pumped by rig					
23:58	4544				WATER	test pumps & lines					
00:08	434		4.5		LEAD	open well/start lead slurry @ 12.4ppg					
01:20	221		3.9	215	LEAD	bbls pumped when lead slurry @ shoe					
01:49	124		3.1	312	LEAD	end lead slurry/start tail slurry @ 14.2ppg					
02:13	435		2	48	TAIL	end tail slurry/shutdown					
02:16	151		4		WATER	drop TRP/ start displacement					
02:35	121		3	54	WATER	slow rate/ no returns					
02:58	403		2.2	120	WATER	see lift pressure					
03:39	1111		2.1	213	WATER	end displacement/ shutdown					
03:46				-5		check float/ holding/ .5bbls return					
						approximately 5bbls cement return to surface					
						Thanks for using BHI Pressure Pumping					

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	SERVICE SUPERVISOR SIGNATURE:
Y <input type="checkbox"/> N <input checked="" type="checkbox"/>		Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	5	573	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

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/>

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

Sam Brownback, Governor

November 15, 2012

Damonica Pierson  
Shell Gulf of Mexico Inc.  
150 N DAIRY-ASHFORD (77079)  
PO BOX 576 (77001-0576)  
HOUSTON, TX 77001-0576

Re: ACO1  
API 15-077-21807-00-00  
Croft Farms 3407 30-1  
SW/4 Sec.30-34S-07W  
Harper 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,  
Damonica Pierson