

Kansas Corporation Commission Oil & Gas Conservation Division

1055280

Form ACO-1 June 2009 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:	SecTwpS. R
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	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: sx cmt
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Original Total Depth: Conv. to ENHR	Chloride content: ppm Fluid volume: bbls Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	QuarterSec TwpS. R East West
ENHR Permit #:	County: Permit #:
GSW Permit #:	
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	

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							
Letter of Confidentiality Received							
Date:							
Confidential Release Date:							
Wireline Log Received							
Geologist Report Received							
UIC Distribution							
ALT I II Approved by: Date:							

Side Two

1055280

Operator Name:			Lease Name: _			_ Well #:	
Sec Twp	S. R	East West	County:				
time tool open and clo	sed, flowing and shut es if gas to surface tes	d base of formations per -in pressures, whether s st, along with final chart(well site report.	shut-in pressure rea	ached static level,	hydrostatic press	sures, bottom he	ole temperature, fluid
Drill Stem Tests Taken (Attach Additional S		Yes No		₋og Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geol	·	☐ Yes ☐ No	Nan	ne		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy)	d Electronically	Yes No Yes No Yes No					
List All E. Logs Run:							
		CASING Report all strings set-		lew Used termediate, 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
	1	ADDITIONAL	_ _ CEMENTING / SQ	UEEZE RECORD	I		
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	# Sacks Used		Type and F	Percent Additives	
Shots Per Foot		ON RECORD - Bridge Pluç ootage of Each Interval Per			cture, Shot, Cement mount and Kind of Ma	•	Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First, Resumed	Production, SWD or EN	HR. Producing Met	hod:		other (Explain)		
Estimated Production Per 24 Hours	Oil E	Bbls. Gas	Mcf Wa	ter Bl	pls. (Gas-Oil Ratio	Gravity
DISPOSITIO	Used on Lease	Open Hole		ly Comp. Con	nmingled mit ACO-4)	PRODUCTIO	N INTERVAL:

Form	ACO1 - Well Completion
Operator	OXY USA Inc.
Well Name	LONGBOTHAM 5
Doc ID	1055280

All Electric Logs Run

ARRAY COMPENSATED TRUE RESISTIVITY
MICROLOG
SPECTRAL DENSITY DUAL SPACED NEUTRON
BOREHOLE COMPENSATED SONIC ARRAY

Form	ACO1 - Well Completion
Operator	OXY USA Inc.
Well Name	LONGBOTHAM 5
Doc ID	1055280

Tops

Name	Тор	Datum
CHASE	2675	
COUNCIL GROVE	2985	
HEEBNER	4150	
LANSING	4220	
MARMATON	4840	
CHEROKEE	4985	
ATOKA	5140	
MORROW	5250	
CHESTER	5290	
ST. GENEVIEVE	5415	
ST. LOUIS	5525	

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Operator	OXY USA Inc.
Well Name	LONGBOTHAM 5
Doc ID	1055280

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
6	5552'-5561' ST. LOUIS	35 BBL 4% KCI	5552-5561
		ACID: 2000 GAL DS 15% HCI	5552-5561
		FLUSH: 1000 GAL 4% KCI	
		FRAC: 64125 GAL 60Q CO2 XLINK FOAM	5552-5561
		4% KCI WATER BASE,	
		101742 # WHITE 20/40 SAND	
		FLUSH: 5421 GAL 60Q CO2 LINEAR FLUSH	

BASIC ENERGY SERVICES PRESSURE PUMPING & WIRELINE

1700 S. Country Estates Rd. P.O. Box 129 Liberal, Kansas 67905 Phone 620-624-2277

FIELD SERVICE TICKET 1717 01251 A

DATE TICKET NO. DATE OF JOB CUSTOMER ORDER NO.: OLD PROD INJ □ WDW DISTRICT /7/7 CUSTOMER 7 WELL NO. COUNTY Haskell **ADDRESS** STATE SERVICE CREW I. Chavor, Ruben, Sontieso, Victor CITY STATE JOB TYPE: 8 78 Surface **AUTHORIZED BY** ~# **EQUIPMENT#** HRS **EQUIPMENT#** HRS **EQUIPMENT#** HRS TRUCK CALLED ARRIVED AT JOB AM~415 198ZO 19828 13 14354 START OPERATION 19983 4 **FINISH OPERATION** 27462 j4| RELEASED MILES FROM STATION TO WELL

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT) ITEM/PRICE REF. NO. MATERIAL, EQUIPMENT AND SERVICES USED UNIT QUANTITY **UNIT PRICE** \$ AMOUNT CL 101 A-Con Blond SK 948600 510 4110 Promium Plus cont 5K 2*0*0 3 260 00 CC109 Calcium Chloride 16 1814 1906 80 CCIOZ CelloFlake 305 16 1128 CC 131) C-51 16 96 2400 0 CF 1453 Insert Float Value EA-280 bo Guide Shoe 3*80 (*)3 CF 1773 Entralizer 8 5/8 EA 5 フスらひ 8% Basket CF 1903 ŧ EA 3/5 TOP Rubber Plus CF 105 14 t 22502 101 Heavy Equipment Mileage 180 mi CE 240 Blonding & Mixing Service Chance 5/L 710 99400 E113 2004 +M 320640 4/15 CE 70 Z 500 00 us Container Utilization Charge CE 504 (05 250 ElOB KUP MIKECE 255 mi O2 🗍 NON DOZ AP LOCATION/DEPT 5003 Service Supervisor 17500 LEASE/WELL/FAC £503 High Head Charge 300 MAXIMO/WSM # Z403 Additional Hours 3*5*00 (0) 32 11ch TASK CAPEX OPEX - CITCLE ONE 19216 77 PROJECT# CHEMICAL / ACID DATA: %TAX ON \$ PO/BPA/SERVICE & EQUIPMENT Circle Do TMATERIALS PRINTED NAME

SERVICE
REPRESENTATIVE GAME CONTROL THE ABOVE MATERIAL AND SERVICE
ORDERED BY CUSTOMER AND RECEIVED BY:

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)



Cement Report

	i, Kansas								
Customer Oxy USA				Lease No.			Date 1-10-11		
Lease Long	bo thom			Well # 5		i	ice Receipt 0/25/		
Casing	5/4	Depth 18		County Ha	County Haskell State K5				
Job Type S	USFACE	 	Formation			The second second second	5-30-5	72	
		Pipe D	ata			Perforating Da	ata	Cement Data	
Casing size	43/4		Tubing Size			Shots/Ft		Lead 12.1#45	
Depth/8/4	0		Depth		From	То		51031	
Volume //	56/5		Volume		From	То		Lead 12.1#15 5105K Alm 2.4F7-5K Tail in @ 14.8#15 2005K	
Max Press	1800		Max Press		From	То		Tail in @ 14,9#3	
Well Connec	/\//		Annulus Vol.		From	То		2005/	
Plug Depth	1820		Packer Depth		From	То		1.34F+2-5K	
Time	Casing Pressure	Tubing Pressure	Bbls. Pumbed	Rate			Service Log		
420						Arrive On	Location	n	
430						Safety M.	ection-	as 110	
900						Rix Rum	on In C	asim	
230Pm						Circola	te wil	ar	
300						Hookeo	to 13E	3	
305	2000		,5	15	†	Pressin			
310	500		217	5,0		Puma Lead	cont le	12.1 #5	
350	750		47	5.0		Pomo Tout	ant O	148#5	
410						Dran Pl	18-11/4	ish Up	
415	700		105	5.0		Dist	las		
500	1500		10	20		Skie l	Qun Lo	and Plus	
			_			Fla	pt //e/		
530						1051	- (05mg	-OK-Pussed	
						Cemens	106 50	afae	
						Comens Tob Go	molete		
							<i>/</i>		
							<u> </u>		
	<u> </u>						· -		
Service Unit		20	27462	14354-14	578	19878-1889) Urster V.	7		
Driver Name	s I-a		NoberM	14 <i>384-1</i> 4 5antago	C.	Victor V.			
				_					

Customer Representative

Station Manager

Cementer Taylor Printing, Inc.

ENERGY SERVICES PRESSURE PUMPING & WIRELINE

1700 S. Country Estates Rd. P.O. Box 129 Liberal, Kansas 67905 Phone 620-624-2277

FIELD SERVICE TICKET 1717 01433 A

		II II VO G. VVII ILLII VL					DATE	TICKET NO		
DATE OF /-/	8-11	DISTRICT /7/7			MENT X	VELL□ F	ROD INJ	□wbw □ 8	USTOMER PRDER NO.:	\Box
CUSTOMER 6	Dxy G	15A			LEASE LO	ns bo	tham		WELL NO.	5-
ADDRESS					COUNTY /	35 K	011	STATE /	, -	
CITY	CITY STATE					EW Cod	shish /	Swa Hord	Visole	
AUTHORIZED B	Y				JOB TYPE:	742	5/20	45.		
EQUIPMENT		EQUIPMENT#	HRS	EQU	IPMENT#	HRS	TRUCK CALI	ED PAT		VIE 70
21735	6						ARRIVED AT		18 AR Ob.	
19533	- 0 /	<u> </u>		- 5		20	PRIMITE OPER	RATION /-/	8 08:	
19878	6		LOW	19 BOT	HAN TE	7	FINISH OPE	RATION /-/8	7 (37) 10:,	50
19883	6	MAXIMO/WSM &	7010		EL CATALAT		RELEASED	1-17	7 M 12:	00
		PRODECTE AND	0730	72.	ELEMENT	/ OPEN		STATION TO WEL	48	
The undersigned products, and/or sup become a part of thi	is authorized to oplies includes al is contract withou	NTRACT CONDITIONS เสียเรื่อง execute this contract as an agr il of and only those ferms and co ut the written consent จโลดเอก์	ent of the cus anditions appo er of Basid	ntomer. As paring on I	such, the unders be front and back	igned agre of this doo	es and acknowle cument. No addit IGNED:	edges that this contract ional or substitute terms ER, OPERATOR, CONT		
ITEM/PRICE REF. NO.	!	MATERIAL, EQUIPMENT A	NP SERVIC	AS USE	Prochais na le se	TINIT	QUANTITY	UNIT PRICE	\$ AMOUN	11
CL101	A.con	Oleud MONHOLD.	V			5K	125		2325	00
66104	50/50	D foz				5K	140		1540	bo
CC 1/3	GY950.	<i>14</i>				10	590		442	<u>.50</u>
00111	5714					10	779			
CCIDA	1-49	0				10	30		887	
66901	Gilson	. + m.				15	100		240 4 69	_
CF 1351	Auto t	Fill flost Co.	ller		,	01	1		410	00
CF251	Guide	Shoe				13	/		250	-
CF1778	Centra	licer				03	25-		1875	ത
CF103		ing				Zã			1	Ø
CC153	Super	4.	a <i>i</i>			931	500		765	00
6101	HEAVY		110000	4		mi	100		700	
66290	Ofendin		Ling			51	265		371	00
CF. 206	Dulk.	Delivery	/	<u> </u>		101	590		944	00
P CELLI	Di. 1		1-60	00		4hr			2886	
1100	Pinkins	Mileter				mi	50		250	(S)
5003	Servi	0/ -				22				00
						1		SUB TOTAL	9871	20
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					ERIALS	IVIEIN!		CON\$		+-
				[, ()	··· · · · · · ·		70177	TOTAL		+
	• '							, ,	:	

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



Cement Report

Customer	DXU 0	115A		Lease No.			D	Date /-/8-//		
Lease /	onghat	ham		Well # 5-			Service Receipt / 1/17 01433			
Casing	2 174	Depth 56	86	County /	Joke	//	State	K5		
Job Type	142 5	1/2 1.5.	Formation		- 1	egal Descript	on 3-	30.	32	
		Pipe C	Data		Perforating Data					
Casing size	51/2	17#	Tubing Size	<u>. </u>		Shots/Ft			Lead 755K A-001'	
Depth	5686		Depth	· ·	From		То		2% CC · 14 Holy flake	
Volume		·····	Volume		From		То		13.93g21/5ke 12.10	
Max Press		·	Max Press		From		То		Tail in 1905k sp/cok	
Well Connec	tion		Annulus Vol.		From		То		57 0-60-1075 dly.	
Plug Depth	5649	7	Packer Depth		From		To		6.6553/5 KP	
Time	Casing Pressure	Tubing Pressure	Bbls. Pumbed	Rate			s	ervice Log	10.10	
06:00					onl	oc. / 1	Held	Safe	ty Mecting	
06:05					Cog	ou B	offon	Cir.	w/ Rig	
06120					5000	t & Rig	up	Equip	2,	
08:30					Helo	1 53Fc	ty 1	Necti	·119	
08:45			5R 411		B	+ Plug	Rat	+ 17	Pouse 4/25sked	
08:55	3000				Tesi	+ Pung	2+6	nes	#11-30 CM	
08:53	400		5-	4	5/21	rt fre	5h	400	170	
08:56	400		12	3.5	Stal	+ 5cg	ver F	ush.	II	
08:58	500		5	5.5	510	rt fro	The	420		
08:59	500		32	35	Sta	rt Le	1d C	mT	155KE 12 P#	
09:01	400		38	5.5	Star	rt Ta	11 0	3Mt	140 5 KB 13.8#	
09:17					Shu	down	4 W.	15/	up/Drop Plug	
09:25	300		0	6	Stal	ry Dis	D. 11	1fre	1 H20	
09:45	1000		121	2	50	w RT	te			
09:48	1650		131	2	Bur	np P	ug			
10:24	Đ	·	1.31	0	Rel	este,	[f /o.	1+ H	eld	
10:30					Eno	1306				
							•			
					- 70				1/ / /	
	1150		-			55UTC	Bet	ore P	lug IInded	
Service Unit	12//		27908 1955.3	198281						
Driver Name	s Coch	ITH	Swelford	18590	112					

George	
Customer Representative	

J. Bennett
Station Manager

M. Lochrite

Taylor Printing, Inc.

Attachment to Longbotham #5 (API 15-081-21927)

Cement & Additives

String	Type	# of Sacks Used	Type and Percent Additives
Surface	A-Con	Lead: 510	3% CC, 1/2# Cellflake, 0.2% WCA1
	Prem Plus	Tail: 200	2% CC, 1/4# Cellflake
Production	A-Con	Lead: 75	2% CC, 2% Polyflake, 0.2% WCA-1
	50-50 Poz	Tail: 140	5% W-60, 10% Salt, 0.6% C-15, 1/4# Defoamer, 5# Gilsonite

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/

Thomas E. Wright, Chairman Ward Loyd, Commissioner Corporation Commission

Sam Brownback, Governor

May 05, 2011

LAURA BETH HICKERT OXY USA Inc. 5 E GREENWAY PLZ PO BOX 27570 HOUSTON, TX 77227-7570

Re: ACO1 API 15-081-21927-00-00 LONGBOTHAM 5 SW/4 Sec.03-30S-32W Haskell 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, LAURA BETH HICKERT