

Kansas Corporation Commission Oil & Gas Conservation Division

1051529

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: Deepening Re-perf. Conv. to ENHR Conv. to SWD Conv. to GSW	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 #:	Quarter Sec TwpS. R
ENHR Permit #:	County: Permit #:
GSW Permit #:	. 5
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



Operator Name:			Lease Name: Well #:							
Sec Twp	S. R	East West	County:							
time tool open and clo	osed, flowing and shu es if gas to surface te	d base of formations pen t-in pressures, whether s st, along with final chart(well site report.	hut-in pressure read	ched static level,	hydrostatic press	sures, bottom h	ole temperature, fluid			
Drill Stem Tests Taker (Attach Additional		Yes No	L	og Formatio	n (Top), Depth an	d Datum	Sample			
Samples Sent to Geo	ological Survey	Yes No	Nam	е		Тор	Datum			
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Copy	d Electronically	Yes No Yes No Yes No								
List All E. Logs Run:										
		Report all strings set-		ermediate, producti						
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	 JEEZE RECORD						
Purpose: —— Perforate —— Protect Casing	Depth Top Bottom	Type of Cement	# Sacks Used		Type and F	Percent Additives				
Plug Back TD Plug Off Zone										
	DEDEODATI	ON DECORD - Dridge Dive	o Cot/Time	Acid Fro	cture, Shot, Cemen	t Squaaza Baaar	4			
Shots Per Foot	Specify I	ON RECORD - Bridge Plug Footage of Each Interval Per	forated		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 Meth		Gas Lift C	Other (Explain)					
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf Wat	er B	ols. (Gas-Oil Ratio	Gravity			
DISPOSITI	ON OF GAS:		METHOD OF COMPLE	ETION:		PRODUCTIO	ON INTERVAL:			
Vented Solo		Open Hole	Perf. Dually	Comp. Cor	nmingled					
(If vented, Su	bmit ACO-18.)	Othor (Specify)	(Submit)	400-5) (Sub	mit ACO-4)					

Form	ACO1 - Well Completion						
Operator	OXY USA Inc.						
Well Name	WIGGAINS 12 6						
Doc ID	1051529						

All Electric Logs Run

CEMENT BOND LOG
MICROLOG
ARRAY COMPENSATED RESISTIVITY LOG
SPECTRAL DENSITY DUAL SPACED NEUTRON LOG

Form	ACO1 - Well Completion					
Operator	OXY USA Inc.					
Well Name	WIGGAINS 12 6					
Doc ID	1051529					

Tops

Name	Тор	Datum		
HEEBNER	4322	-1309		
LANSING	4445	-1432		
MARMATON	4848	-1835		
CHEROKEE	5604	-2591		
ATOKA	5849	-2836		
MORROW	5943	-2930		
CHESTER	6402	-3389		
ST. GENEVIEVE	6599	-3586		



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

FIELD SERVICE TICKET 1717 01377 A

DATE TICKET NO. 1377/4

									DATE	TICKET NO	(~	/ (
DATE OF JOB	12 10	DIST	RICT [7	17 4	beca l	Ks	WELL	OLD P	PROD INJ	□WDW	□ SI	JSTOMER RDER NO.:	
CUSTOMER	OXU	45	SA				LEASE W		WELL NO.	12-6			
ADDRESS							COUNTY Stevens STATE KS						
CITY		-	STATE				SERVICE CF	REW R	Cox D	Canadac	Ji	Vautron	
AUTHORIZED B	H		JOB TYPE:	742	- Surf	ase	R	martia	en!				
EQUIPMENT	# H	RS	EQUIPMEN	T# !	HRS	EQU	IIPMENT#	HRS	TRUCK CAL	LED	PATI		30
27462		6							ARRIVED AT	T JOB	51-11		00
33016		<u>le</u>							START OPE		<u> </u>		
33021		6									<u>([(L</u>	AM 13	
19818		0							FINISH OPE	HATION		AM 50	
19883		6							RELEASED			AM WC	10
									MILES FROM	M STATION TO	WELL	45	
products, and/or sup become a part of th	is contract v	vithout the	written consent	of an officer	of Basic Ene	rgy Se	rvices LP.	s	IGNED: (WELL OWN	ER, OPERATOR,	CONTI	RACTOR OR A	GENT)
REF. NO.		MATE	RIAL, EQUIP	MENT AN	O SERVICE	S USI	ED	UNIT	QUANTITY	UNIT PRIC	泪	\$ AMOU	NT
CL101	Alc	n B	lend					SK	490			9114	8
CLIIO	Paren	nium	Plus					SK	100	· -		3260	00
cc 109	Call	CILIM	Chloric	. مر ا				1b	1759	I		1846	
CCIOZ	Ceil	o Fla						lb	295			1091	50
CC 130	C-5)						lb	93			2325	
CF 1453	8 76	Ince	of Plan	ner Tu	ve-			eA	1			250	
CF 253	SHID	le sh	ne 8 5/	ģ.	7	·		CA	3				CO
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CF 1903	95/1	13001	Let					eA	.1 "			315	00
CF105	TOP	Rubl	rer fluc	3				EA	į			225	
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CE240			E MIXI	ua Cl	MICHAL		-	SK	10AO			966	
£ 113	Provi	an F	& Bulk	Atlive	ru chà	Jak		TM	3110			3376	
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CE504	Plus	Conte	ainer U	tila 24	hon-Cl	nore	E	Job	į			ఎకం	
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СНЕ	EMICAL / AC	ID DATA:								SUB TO	OTAL	6771	Įγ
							RVICE & EQUI	PMENT		X ON \$			
						MA	TERIALS		%TA	X ON \$	1.7		
										TO	OTAL		
									•			•	

REPRESENTATIVE W

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

(WELL OWNER OREBATOR CONTRACTOR OR AGENT)

SERVICE



TREATMENT REPORT

Customer Oxy USA Lease No. Date																	
Lease 1.0	<u> yxy y</u>	51	<u> </u>		- 1						- Date	1.4	~11	-17	N	•	
Field Order #	iggain Station	<u>19</u>		<u>س</u> ا		Nell # 12-6 Casing 25/2 Depth 17 (County Stevens State Ks					State . /	
Field Order to	4 1 0121101	<u> </u>	Je Pa	N:	17	17		Casing 5	Formation		County	Ste	DEN:	occription		State 15	
Type Job	4-92-	<u> 5</u>	W fa	ce_			Т		Tomation	·			Legal D	escription	12	- 35-36	
	E DATA		PERF	ORAT	ING	DATA		FLUID U	JSED			TREAT	MENT	RESUN	ESUME		
Casing Size	Tubing Siz	ze S	Shots/Fi	t				d			PRE	ISIP					
Depth 1711	Depth	F	rom		To 🎋			Pad		Мах				5 Min			
Volume 106	∠ Volume	F	rom		Tó		Pac	t		Min				10 Min	•	y .	
Max Press) Max Pres	S F	rom		То		Fra	c		Avg				15 Min	•		
Well Connection		F	rom		То					HHP Use	d			Annulu	s Pres	ssure	
Plug Depth 3	Packer De	epth F	rom		То		Flus			Gas Volur	me			Total L	oad	-	
Customer Rep	oresentative (<u>Pabi</u>	vac (i 		Station	Man:	ager Terv	ry Ben	nett	Trea	ter R	ober	lox			
Service Units	1-1/10			330	16	3302	4.	19828	19883						,	_	
Driver Names	P Cava	alacı		P i	Mar	iner	<u> </u>	Imar	tinen								
Time	Casing Pressure		oing ssure	Bbls	. Pum	ped		Rate				Servi	ce Log				
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1045									Safet	y mtg							
155									Rig u								
230									Presso	ire Ti	·s+	30	itch	to c	mt	Line	
240					0		<u>5.</u>	25	Start	temt- Lead 12.4ppg							
324	700				16,			25		start tail 14,8 ppg							
335	0				49		<u></u>)	Release Plug								
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400	500				00	_	<u> </u>		51000	Rate.	dow	Ά					
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1700 S. Country Estates Rd. P.O. Box 129 Liberal, Kansas 67905 Phone 620-624-2277

FIELD SERVICE TICKET 1717 01381 A

1201 A

	THEOSOME POWERING & WIRELING				DATE	TICKET NO	281 H	
DATE OF JOB	10-10 DISTRICT 1717 LIL	peral Ks	NEW X	VELL□ F	ROD [NJ	□ WDW □	CUSTOMER ORDER NO.:	
CUSTOMER (DX4 USA		LEASE WIGGIANS WELL NO. 17					
ADDRESS			COUNTY STOVENS STATE KS					
CITY	STATE	-	SERVICE CR	ew R	Cox I	Chaven S	Chaven	
AUTHORIZED B	J. Bennett IRB		JOB TYPE:	7 -4		19 string		
EQUIPMENT		HRS EQU	JIPMENT#	HRS	TRUCK CAL	LED P	19 AM 60	ME
27462	io				ARRIVED AT			
19805	6			-	START OPE		AM 8×0	<u></u>
<u> </u>	(0			-			AM PM	
					FINISH OPE	HATION	AM PM	
,					RELEASED		AM PM	
					MILES FROM	A STATION TO WE	^{=LL} 34	
products, and/or sup become a part of the	CONTRACT CONDITIONS: (This consist authorized to execute this contract as an ager plies includes all of and only those terms and consist and contract without the written consent of an office	nt of the customer. As aditions appearing on	s such, the unders the front and back	igned agre of this doo	ees and acknowl cument. No addit	edges that this contra	ms and/or condition	s shall
ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AN	ID SERVICES USI	ED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUN	1T
CLIOH	50/50 002			SK	አ 75		3025	00
CC 113	Gusum			16	1155		866	25
cc 111	Salt			16	1524		762	∞
CC 103	C-15			16	139		1737	
CC 107	C-42P			16	58		464	60
CC 201	a ilson'ite			16	1371		918	57
CF 1451	Stapper Type Insert			EA			215	00
CF 251	quide shbe			EA	i		250	<u> හ</u>
CF 1778	Centralizers			EA	35		2625	<u> </u>
CF 103	Top Rubber cement	plug		EA				00
CC 155	Super Flush II	4 ,		gal	500		765	00
EIOI	Hedry Equipment Mil	eage		MI	40		280	
LE 240	Biending & mixing Che Proppant & Bulk deliver	arge		5/	275		385	
E113	Eroppant & Bulk deliver	y Charge		Tim	231		369	
CE 207	Depth Charge			Hhr	*		3240	_
CE504	plug container charge		EA		-	250		
£100	Unit mileage Sarvace Supervisor CV	MI	30		85	i		
\$ <i>∞</i> 3	Dervace Supervisor CV	large		EA	#		175	8
CHE	MICAL / ACID DATA:	· - ···				SUB TOTA	10390	000
			RVICE & EQUIP	MENT		X ON \$		
		TERIALS		%TAX	X ON \$	-		
						TOTA	.L	

SERVICE REPRESENTATIVE

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY

(WELL OWNER OPERATION CONTRACTOR OR AGENT)



TREATMENT REPORT

Customer	4					ease No.						Date						
10000	<u>0xy u</u>	<u>(Sf</u>	<u>t</u>									Date	į	1-20	1-10)		
Lease W	1991ans				v\	/ell # 17	1-6						l	1 20	· (0			
Field Order	# Station	ⁿ 1	717	Libe	ral	K5	Casing		Depth			STEDENS			State K	5		
Type Job	2-42	L	ong s	stri	79		-,		Forma	tion				Legal Des	scription			
PIP	E DATA		PERF	ORAT	ΓING	G DATA FLUID U			USED	SED TREATMENT RESUMI					RESUME			
Casing-Size	Tubing Si	ze	Shots/F	t			Aci	id				RATE	PRE	ss	ISIP			
Depth 700	Depth		From		То		Pre	e Pad			Max				5 Min.			
Volume 3.5	Volume		From		То		Pa	d			Min				10 Min.		•	
Max Presso	Max Pres	s	From		То		Fra	ac			Avg				15 Min.			
Well Connecti	on Annulus \	/ol.	From		То						HHP Used				Annulus I	Pressure		
Plug Depth	Packer D		From		То		Flu	ısh			Gas Volun	ne .			Total Loa	d		
Customer Re	presentative (Gal	briel			Station	Man	nager Ja	erry Be	CHY	nett	Treate	rk	obert	Cox			
Service Units	10-2111			198	305	1980	В		'								-	
Driver Names	F Chave			5 (2ha	vez								-				
Time	Casing Pressure		ubing essure		. Pum	- 1		Rate				,	Servi	ce Log				
800									on l	On LOC								
805		<u> </u>							Safe	tu	mtg							
815										Riquo								
<u> 505</u>								<u> </u>	on'									
720							Pre			essure Test Lines to 2000 psi								
725	400			3	2		7		Pump Superflush w/5 pbis About &									
									Behind of water									
732	400			(<u> </u>		(000	Start Cemente 13.8#									
747	0			(4	20			2	shut down washup									
750	0				<u>>_</u>		(5	Drop Plug Start displacement									
<u> 151</u>	50						عا	10	Run	n	ing d	(splac	<u>en</u>	ne N fi				
817	820			13	5		٤	10	Running displacements									
821	915			16	54		(<u> </u>	Plya	4 .	<u>dow</u>	1 pre	255	ure	up t	0 150	<u>)</u> ව	
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915	-								Hole	, 1	- '	· ·						
415									<u> 219</u>	d	lown							
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1700	S. Count	TV	Estate)\$ • F	.O.	Box 1	29	 Libera 	al, KS 6	79(J5 • (620	JI 624-	22	77 • Fax	(620)	624-228	30	

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

March 01, 2011

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

Re: ACO1 API 15-189-22758-00-00 WIGGAINS 12 6 NE/4 Sec.12-35S-36W Stevens 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

Attachment to Wiggains 12-6 (API 15-189-22758)

Cement & Additives

Odinoni a / laanii voo			
String	Туре	# of Sacks Used	Type and Percent Additives
Surface	A-Con	Lead: 490	3% CC, 1/2# Cellflake, 0.2% WCA1
	Prem Plus	Tail: 200	2% CC, 1/4# Cellflake
Production	50-50 Poz	223	5% W-60, 10% Salt, 0.6% C-15, 1/4# Defoamer, 5# Gilsonite