

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1048462

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:	
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	
Phone: ()	
CONTRACTOR: License #	
Name:	
Wellsite Geologist:	
Purchaser:	
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Gas D&A ENHR SIGW	Multiple Stage Cementing Collar Used? Yes No
	Abd. If yes, show depth set: Feet
CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	If Alternate II completion, cement circulated from:
	feet depth to:w/sx cmt.
If Workover/Re-entry: Old Well Info as follows:	
Operator:	Drilling Fluid Management Plan
Well Name:	(Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	Chloride content: ppm Fluid volume: bbls
Deepening Re-perf. Conv. to ENHR Conv.	to SWD Dewatering method used:
Conv. to GSW	
Plug Back: Plug Back Total Depth	
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	Quarter Sec Two S R East West
ENHR Permit #:	Dermit #:
GSW Permit #:	County Permit #
Spud Date or Recompletion Date         Date Reached TD         Completion 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

	Side Two	1048462
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East West	County:	

**INSTRUCTIONS:** Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets)		Yes No		Log Fo	ormation (Top), Depth ar	nd Datum Top	☐ Sample	
Samples Sent to Geologic	cal Survey	Yes No		Name		юр	Datum	
Cores Taken Electric Log Run Electric Log Submitted Electronically (If no, Submit Copy)		☐ Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ No	)					
List All E. Logs Run:								
		CAS		New U	sed			
		Report all strings	set-conductor, surfac	e, intermediate,	production, etc.			
Purpose of String Size Hole Drilled		Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Sett Dep		# Sacks Used	Type and Percent Additives	

#### ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: —— Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing Plug Back TD				
Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated					e		Depth		
TUBING RECORD: Size: Set At:				Packer At: Liner Run:				No		
Date of First, Resumed Production, SWD or ENHR			₹.	Producing N	1ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bbls. Gas		Mcf Water		ər	Bbls.	Gas-Oil Ratio	Gravity	
DISPOSITION OF GAS:				METHOD OF COMPLE			TION:		PRODUCTION INT	ERVAL:
Vented Sold Used on Lease			Open Hole Perf. Dually (Submit A				Commingled (Submit ACO-4)			
(If vented, Subr	nit ACO	-18.)		Other (Specify)						

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	OXY USA Inc.
Well Name	SCHARTZ M 1
Doc ID	1048462

All Electric Logs Run

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

Form	ACO1 - Well Completion
Operator	OXY USA Inc.
Well Name	SCHARTZ M 1
Doc ID	1048462

Tops

Name	Тор	Datum
HEEBNER	3860	-706
LANSING	3964	-810
SWOPE	4419	-1265
MARMATON	4596	-1442
CHEROKEE	4769	-1615
ΑΤΟΚΑ	4986	-1832
MORROW	5237	-2083
CHESTER	5605	-2451
ST. GENEVIEVE	5676	-2522
ST. LOUIS	5709	-2555

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

SERVICES

ENERGY

## FIELD SERVICE TICKET 1717 **01008** A

PRESSURE PUMPING & WIRELINE						8-30-10 DATE TICKET NO					
DATE OF 8-30-	<i>10</i>	ISTRICT Liberal	KS I	717							
CUSTOMER OX	Y U.	SA'		_	LEASE ST	HAR	TZ'M" WELL NO. /				
ADDRESS					COUNTY 6	IRAN	T STATE KANSAS				
CITY Libera	<u> </u>	STATE AA	545		SERVICE CF	NEW CA	KLOS LOPEZ - Mickey C. SURFACE Z-42				
AUTHORIZED BY					JOB TYPE:	85/8	Surface Z-42				
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQL	JIPMENT#	HRS	TRUCK CALLED 8-30-10 DATE				
14355	5						ARRIVED AT JOB 8-30-10 AM 4:00				
<u> 4284</u>  4354	5	·			· · · · · · · · · · · · · · · · · · ·		START OPERATION 8-30-10 AM 6:25				
19578	5						FINISH OPERATION 8-30-10 ANS:00				
27462	5						RELEASED 8-30-10 2 900				
							MILES FROM STATION TO WELL 75				

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

SIGNED:

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. A.W.

			(WELL OWNE	R, OPERATOR, CONT	RACTOR OR AG	ENT)
ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUN	т
CL IOI	"A" CON BIEND	SKS	480		8928	$\omega$
CL 110	PREMUIM Plus CEMENT	SKS	200		3260	00
CC 109	Calcium Chlorise	16	1732		1818	60
CC. 102	CEILOFIAKE	16	291		1076	70
CC 130	C-51	15	91		2275	þə
CF 1453	Flapper Type Insert Flort Value 8 5/8"	eq			280 0	$\phi O$
CF 253	GUIDE ShOE-REGURAR 85/8"	ea	/		380	<u>þ</u> 2
CF 1773	CENTRA LIZERS 85/8" × 12 44"	ea	5		725	b
CF 1903	8 1/8" BASKET	ea	/		315	
CF 105	Top Rubber CEMENT Plug 8 78"	ea	1		225	60
EIOI	Heavy Equiptment Mileage	mi	75		525	
CE 240	BLENDING & MIKING SARVICE CHARGE	SKS	680		952	စာ
E 113	PROPPANT & BUIK Delivery Charge	Tm	800		1280	10
CE202	Depth Charge 1001'- 2000'	4 hrs			1500	
CE 504	Plug Container Utilization Charge	50.6			-	
E 100	Unit Mileage Charge - Pickups	mi	25			25
5003	Service Supervisor, First 8 prs on Loc.	ea			175	$ \omega $
	. ,	ļ			<u> </u>	1
					<u> </u>	<u> </u>
				SUB TOTAL	14731 .	68

THE ABOVE MATERIAL AND SERVICE

CHEMICAL / ACID DATA:								

SERVICE & EQUIPMENT %TAX ON \$ MATERIALS %TAX ON \$

TOTAL

SERVICE REPRESENTATIVE

FIELD SERVICE ORDER NO.

CLOUD LITHO - Abilene, TX



# TREATMENT REPORT

Customer	<u>724 4-</u>	54		Lease No	).		Date 8-30-10								
	HARTZ			Well #	/										
Field Order	# Station 4	Libera.	1.KS	1717		Casing	58" Depth	58.25	Count	GRA	hT		State	fs_	
Type Job 858 Surface Z-42 Formation Legal Description 7-30-38											38				
PIP	E DATA	PERI	FORATI	NG DATA		FLUID U	ISED	TREATMENT RESUME							
Casing Size	Tubing Si	ze Shots/F	t		Acid				RATE	PRE	SS	ISIP			
Depth/758.	25 Depth	From	Т	ĵo .	Pre F	Pad		Max	5.5	Ja	00	5 Min.			
Volume 109	Volume	From	т	Го	Pad			Min	2	5	0	10 Min.			
Max Press	Max Pres	s From	т	īo	Frac		•	Avg	4	34	50	15 Min.			
Well Connecti	on Annulus \	/ol. From	т	īo				HHP U	sed			Annulus F	ressure	}	
Plug Depth	Packer De	epth From	т		Flush	1		Gas Vo	lume			Total Load	109	<b>}</b>	
Customer Re		al Wyl	ie i	Statio	on Manag	ger JERR	y Bern	ETT	Trea	ater	Arlo.	s Lop	ez		
Service Units	14355			4 1951		17462	19902								
Driver Names	Ruben	Charlez		N MAR											
Time	Casing Pressure	Tubing Pressure		Pumped		ate	<u>-v </u>			Servi	ce Log	, I <b>, ,</b> _			
4:00 pm		11000010					ARRIVE Q. LOCATION								
4:10 pm							Spot in Truchs & Rigup IRON								
6:25							STAB CENENT HEAD & CIRC. WEIL								
6:30	2500					-	Chan	Change over & Test Lines							
6:34				5	3	,	- 1	5 bol/4/20 AHEAD							
6:37			200	6	5		480 SKS Lead CEMENT @ 12.1ppg.w/								
7							3% CC - 1/2 # CENFLAKE 2% WCA-1								
7:14			47.	?7	4	5	200 SKS TAIL CEMENT O. 14. 8 ppg W/								
							2%0	C - 1/4 # CEN FIAILE							
7:24							Shut U	DOWN	- DR	op To	Sp Pl	ig -			
7:26			100	7		5.5	Disp	lace	MEN	Tu	s/ t	720			
7:47			9	19		2	Slow	Dow	N RA	TE .	to ó	2 bpm	LAS	T 1065	
7:54			10	9	c	2			Jug			V			
7:56			i				Rele	ase	PŔŧ	ESS 4	IRE				
8:00							RIG D	Down	Ea	vipt	MEN	Γ			
9:00							-		Loc						
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1700	S Count	rv Estat	es • P (	) Box	129 •	liheral	KS 679	15 • (6	20) 62	4-227	77 • Ea	v (620)	624-2	2280	

1700 S. Country Estates • P.O. Box 129 • Liberal, KS 67905 • (620) 624-2277 • Fax (620) 624-2280



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

## FIELD SERVICE TICKET 1717 01078 A

				DATE TICKET NO						
DATE OF 9/6/10	)	DISTRICT 1.717		NEW WELL			STOMER DER NO.:			
CUSTOMER OX	I U	5A			char	te "m" 1	WELL NO.			
ADDRESS				COUNTY MORTON STATE KD						
CITY		STATE		SERVICE CREW ROUCE, RUDON M.						
AUTHORIZED BY	yce	Davis			JOB TYPE:	51/z	L.S. 742			
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQL	IIPMENT#	HRS	TRUCK CALLED 9/10728	<i>₩</i> 2:30		
14866	105						ARRIVED AT JOB	AM 5:00		
<u>- 20464</u>	10,5						START OPERATION 9/7/11	PM 1:35		
194717	10.5						FINISH OPERATION	\$2:52		
195/0/0	105						RELEASED	£;5 M		
							MILES FROM STATION TO WELL	65		

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.

	1102615-0	کصک	(WELL OWNER	R, OPERATOR, CONT	RACTOR OR AG	SENT)
ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUN	п
CLICO	Common	SK	50		800	ω
CL104	50/50 Poz	SK	115		1265	8
CC 113	Guaim	16	485		363	75
CCIII	Salt	lb_	640		320	တ
CC 107	(-42P)	lb	25		200	စ
CC1Z4	FLA-115	<u>lb</u>	59		885	0
CC.201	Gilsonite	16	575		385	<u>26</u>
CF 1451	Flapper Type Float Value 5/2	EA			215	ω
CE251	Guide Shoe Reg. 51/2	EA			250	8
CE1651	Turbolizer 5/2,	EA	- 20		2200	62
CF103	Top Rubber Comonst Plug 5/2	EA			105	0
CF501	5% Stop Ring	EA			40	တ
CC 155	Super flish 11.	Gal	500			$\varphi$
EW	Heavy Equip Mileage	mi	130		910	ŝ
CEZ4D	Blending + mixing Charge	3K	65		231	60
E113	Bulk Divery Charge	tm	464		- 148	80
CE206	Doth Charge 5001 "To 6000'	4hr			2880	Ø
CE 504	Plug Container	300			250	03
ELOO	Fickup Mileage	m	65		276	25

CHEMICAL / ACID DATA:	SUB TOTAL
	SERVICE & EQUIPMENT %TAX ON \$
	MATERIALS %TAX ON \$
	TOTAL
SERVICE REPRESENTATIVE	ABOVE MATERIAL AND SERVICE ERED BY CUSTOMER AND RECEIVED BY

FIELD SERVICE ORDER NO.

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)



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

TICKET NO. 171701078

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED Service Supervisor	UNIT	QUANTITY	UNIT PRICI	\$ AMOUNT		
5003	Service Swarvisor	ea	1			175	00
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# TREATMENT REPORT

Customer	5y 3c			C 3,		ease No.				]	Date							
	XY U	)/{	"M Well # 1					· · •••			9	16	11	1)				
Field Order #	Station	2	<u>_ YV [</u>			<b>_</b>		Casing	174 511 Dept	11/2-	County	<u>~</u>	1		Stat	° KA		
Type Job 5				Ξ4	~			Ű	Formation	$\mathcal{D}$		<u>                                     </u>	Legal D	$\frac{\gamma}{30}$				
			r						8									
			PERF		TING	DATA		FLUID	USED			REAT		RESUME				
Casing/Size	Tubing Si	ze	Shots/Fi	t .			113	<u> +x 50</u>	50 po									
5844.27	1		From		То		Pro	<u>- 70C -</u>	-15,5	Gilso		-0	13.8	4.*.	52 <i>0</i>	uffek		
<b>640</b> 134			From		То		Pac	1 <u>65 Ga</u>	<u>1/3K</u>	Min		·	<del></del>	10 Min.				
Max Press	Max Pres		From		То		Fra	10 5X	<u>"("@14</u>	5.6#	<u> ,  4</u>	Savj	<u> 14/5/</u>	15.Mig.7		l <u>lsk</u>		
Well Connection			From		То		<u> </u>			HHP Used		. <u> </u>		Annulus		re		
Plug Depth	Packer De	· .	From		То	01-1	Flue	rre	<u>sh</u>	Gas Volume			,, ^	Total Loa				
Customer Rep	wyue	<u> </u>	1			Station		2 my	Benn	ett	Treat	eU	nad .	<u>Hin</u>	E,			
Service Units Driver	19444	3	सम्प	1991	19	1945	i	<u>951de</u>										
Names	CHI NZ Casing	, Tu		ld	<u>\</u>	$R_{i}\ell$	Mar	ANOZ	ļ							<u>-</u>		
Time	Pressure		essure	Bbis	s. Pum	ped		Rate				Servi	ce Log			<u> </u>		
17:00									onli	2C, 5C	20t	tru	CKA	Safl	14/	Nty Cic		
23:40	alat	n				-+			Brea	<u>K ('iri</u>	Ci	a	<u> </u>					
$\frac{\partial (2)}{\partial 2}$	9/4/1				~~				Saft	( mtg	• -							
$\frac{U135}{1130}$	<b>3</b> 50				3		<u> </u>	3	FOMP HZD Spacer									
0107	250			<u> </u>	2			<u> </u>		Pump Superflush								
01:42	250				)			)	Pump Hz() spacer									
0140	350			ก			E	5	Plug K+M									
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1700 \$	S. Count	ry E	Estate	es•	P.O.	Box 1	29	Libera	I, KS 679	05 • (620	) 624	-227	77 • Fa	x (620)	624-	2280		



December 22, 2010

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

Re: ACO1 API 15-067-21715-00-00 SCHARTZ M 1 SW/4 Sec.07-30S-38W Grant 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 Schartz M-1 (API # 15-067-21715-00-00)

### Cement & Additives

String	Туре	# of Sacks Used	Type and Percent Additives
Surface	A-Con	Lead: 480	3% CC, 1/4# Cellflake, 0.2% WCA1
	Prem Plus	Tail: 200	2% CC, 1/4# Cellflake
Production	50-50 Poz	115	5% W-60, 10% Salt, 0.6% C-15, 1/4# Defoamer, 5# Gilsonite