Kansas Corporation Commission 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 #	API No. 15					
Name:	Spot Description:					
Address 1:	SecTwpS. R East West					
Address 2:	Feet from North / South Line of Section					
City:	Feet from _ East / _ West Line of Section					
Contact Person:	Footages Calculated from Nearest Outside Section Corner:					
Phone: ()	□NE □NW □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: Well #:					
New Well Re-Entry Workover	Field Name:					
	Producing Formation:					
Oil	Elevation: Ground: Kelly Bushing:					
OG GSW Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:					
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet					
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No					
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet					
Operator:	If Alternate II completion, cement circulated from:					
Well Name:	feet depth to:w/sx cmt.					
Original Comp. Date: Original Total Depth:						
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD	Drilling Fluid Management Plan					
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)					
Demois #	Chloride content: ppm Fluid volume: bbls					
Commingled Permit #:	Dewatering method used:					
SWD Permit #:	Location of fluid disposal if hauled offsite:					
ENHR Permit #:	Location of fluid disposal if fladied offsite.					
GSW Permit #:	Operator Name:					
	Lease Name: License #:					
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R					
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

Confidentiality Requested:

Yes No

KCC Office Use ONLY
Confidentiality Requested
Date:
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I II Approved by: Date:

Operator Name:				Lease N	Name: _			Well #:		
Sec Twp	S. R	East	West	County	i					
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ing and shut-in pressu	ires, whet	her shut-in pre	ssure reacl	ned stati	c level, hydrosta	tic pressures, bott			
Final Radioactivity Log files must be submitte						gs must be ema	iled to kcc-well-lo	gs@kcc.ks.go	v. Digital ele	ectronic log
Drill Stem Tests Taken (Attach Additional S		Ye	s No		L		n (Top), Depth an			nple
Samples Sent to Geol	ogical Survey	Ye	s No		Nam	е		Тор	Dat	um
Cores Taken Electric Log Run		☐ Ye ☐ Ye								
List All E. Logs Run:										
			CASING	RECORD	Ne	w Used				
		Repor	t all strings set-c	conductor, su	rface, inte	ermediate, producti	on, etc.			
Purpose of String	Size Hole Drilled		Casing (In O.D.)	Weig Lbs. /		Setting Depth	Type of Cement	# Sacks Used	Type and Addi	
			ADDITIONAL	CEMENTIN	IG / SQL	JEEZE RECORD				
Purpose:  Perforate  Protect Casing  Plug Back TD	Depth Top Bottom	Туре	of Cement	# Sacks	Sacks Used Type and Percent Additives					
Plug Off Zone										
	ulic fracturing treatment or otal base fluid of the hydra ing treatment information	aulic fractu	J	,	U	? Yes	No (If No, ski	p questions 2 ar p question 3) out Page Three		)
Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) De					Depth					
TUBING RECORD:	Size:	Set At:		Packer At		Liner Run:				
TOBING NECOND.	Size.	Sel Al.		racket At		Liller Rull.	Yes No			
Date of First, Resumed	Production, SWD or ENH	IR.	Producing Meth	nod:	g 🗌	Gas Lift C	other (Explain)			
Estimated Production Per 24 Hours	Oil B	bls.	Gas	Mcf	Wate	er Bl	ols. G	as-Oil Ratio	(	Gravity
DISPOSITIO	ON OF GAS:		N	METHOD OF	COMPLE	ETION:		PRODUCTION	ON INTERVAL	<u>.</u>
Vented Sold			pen Hole	Perf.		Comp. Con	nmingled mit ACO-4)			
(If vented, Sub	omit ACO-18.)		ther (Specify)		(SUDMIK )	-00-0) (SUDI	IIII ACO-4)			

Form	ACO1 - Well Completion				
Operator	OXY USA Inc.				
Well Name	STAPLETON A 1				
Doc ID	1161786				

## All Electric Logs Run

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

Form	ACO1 - Well Completion				
Operator	OXY USA Inc.				
Well Name	STAPLETON A 1				
Doc ID	1161786				

## Tops

Name	Тор	Datum
HEEBNER	4123	
TORONTO	4145	
LANSING	4222	
KANSAS CITY	4692	
MARMATON	4826	
CHEROKEE	4995	
ATOKA	5214	
MORROW	5296	
CHESTER	5384	
ST. GENEVIEVE	5471	
ST. LOUIS	5545	

## **Summary of Changes**

Lease Name and Number: STAPLETON A 1

API/Permit #: 15-081-21997-01-00

Doc ID: 1161786

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
API	15-081-21997-00-00	15-081-21997-01-00
Approved Date	02/11/2013	10/08/2013



CONFIDENTIAL KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM

1113146

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:	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.):   If Workover/Re-entry: Old Well Info as follows:	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:	Drilling Fluid Management Plan
Well Name:	(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 #:           ■ GSW         Permit #:	County: 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 III Approved by: Date:

KOLAR Document ID: 1113146

#### Page Two

Operator Name: _				Lease Name:			Well #:	
Sec Twp.	S. R.	E	ast West	County:				
	flowing and shu	ut-in pressures, v	vhether shut-in pre	ssure reached st	atic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,
Final Radioactivity files must be subm						iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests Ta			Yes No			on (Top), Depth ar		Sample
Samples Sent to 0	Geological Surv	/ey	Yes No	Na	me		Тор	Datum
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No					
		B	CASING eport all strings set-c		New Used	ion, etc.		
Purpose of Strir		Hole illed	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING / SO	UEEZE RECORD			
Purpose:	Depth Type of Cement # Sacks Used Type and Percent Additives							
Perforate Protect Casi Plug Back T								
Plug Off Zor								
Did you perform a     Does the volume     Was the hydraulic	of the total base f	fluid of the hydrauli		_	=	No (If No, sk	ip questions 2 an ip question 3) out Page Three	,
Date of first Product Injection:	tion/Injection or R	esumed Production	Producing Meth	nod:	Gas Lift 0	Other (Explain)		
Estimated Production Per 24 Hours	on	Oil Bbls.					Gas-Oil Ratio	Gravity
DISPOS	DISPOSITION OF GAS: METHOD OF COMPLETION: PRODUCTION INTERVAL:					DN INTERVAL: Bottom		
	Sold Used	I on Lease	Open Hole			mmingled mit ACO-4)	Тор	BOROTT
,	,			B.11 B1				
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid,	Fracture, Shot, Cer (Amount and Kind	menting Squeeze I of Material Used)	Record
TUBING RECORD:	: Size:	Set	Δ+-	Packer At:				
TODING RECORD:	. 3126.	Set	n.	i donei Al.				

Form	ACO1 - Well Completion				
Operator	OXY USA Inc.				
Well Name	STAPLETON A 1				
Doc ID	1113146				

## All Electric Logs Run

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Form	ACO1 - Well Completion					
Operator	OXY USA Inc.					
Well Name	STAPLETON A 1					
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Name	Тор	Datum
HEEBNER	4123	
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CHESTER	5384	
ST. GENEVIEVE	5471	
ST. LOUIS	5545	

Form	ACO1 - Well Completion
Operator	OXY USA Inc.
Well Name	STAPLETON A 1
Doc ID	1113146

## Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4		FRAC 9138 GAL GEL, 10279 GAL SLURRY, 505680 SCF N2, 25200# 20/40 OTTAWA SAND	5383-5393

Form	ACO1 - Well Completion					
Operator	OXY USA Inc.					
Well Name	STAPLETON A 1					
Doc ID	1113146					

## Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Type and Percent Additives
SURFACE	12.25	8.625	24	1805	A- CON/PRE M +	SEE ATTACH ED
PRODUC TION	7.875	5.5	17	5825	50-50 POZ	SEE ATTACH ED

# ENERGY

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

## FIELD SERVICE TICKET 1717 03774 A

PRESSURE PUMPING & WIRELINE TICKET NO. DATE CUSTOMER ORDER NO.: DATE OF JOB PROD ☐ INJ □ WDW DISTRICT WELL NO. LEASE CUSTOMER STATE **ADDRESS** COUNTY SERVICE CREW CITY STATE JOB TYPE: **AUTHORIZED BY** DATE EQUIPMENT# HRS **EQUIPMENT#** HRS **EQUIPMENT#** HRS TRUCK CALLED 9 ARRIVED AT JOB 9 START OPERATION **FINISH OPERATION** 

9 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: X (WELL OWNER, OPENATOR, CONTRACTOR OR AGENT) ITEM/PRICE REF. NO. MATERIAL, EQUIPMENT AND SERVICES USED UNIT QUANTITY **UNIT PRICE** \$ AMOUNT 436 74 146 378 1102 00 50 101 00 00 90 98 40 1050 OD 00 298 122 50 MONTOV 385 DO2 I NOSUBUROTAL Stapleton CHEMICAL / ACID DATA: LEASE/WELL/FAC SERVICE & EQUIPMENT %TAX ON \$ MATERIALS 01-02 %TAX ON \$ TOTAL 3023 7/62177 \_D 🗆

**SERVICE** REPRESENTATIVE

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

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.



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

TICKET NO. 1717 03774

ITEM/PRICE REF. NO.	MATERIAL FOLIDMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE		\$ AMOUNT	
REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED		QUANTITY	UNIT PHICE	-		
E724	2" Pop OFF Value Rental	ea	1			210	60
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**Cement Report** 

	Liberal	, Kansas						oement report		
Customer	Ixa U	9A		Lease No.			Date //	18/12		
Lease ST	adeton	A					Service Receipt			
Casing	0 48	Depth /80	05'	County +	askei	/	State //			
Job Type	owface		Formation			Legal Descripti	on 24-30	7-33		
		Pipe D	ata			Perforatin	g Data	Cement Data		
Casing size	45/8		Tubing Size			Shots	/Ft	Lead 335 5K A Corda 12.1		
Depth /8	08,919	7	Depth		From		То	A COPPE 1211		
Volume //	12,22		Volume		From		То	2.40 14.00		
Max Press	1500		Max Press		From		То	Tail in 245 SK		
Well Connec	ction P.C.		Annulus Vol.		From		То	RF (W1918		
Plug Depth			Packer Depth		From		То	1,34 6,33		
Time	Casing Pressure	Tubing Pressure	Bbls. Pumbed	Rate			Service Lo	og		
13:30					onle	x, 500	Hrucks	R. V. Sath mits		
19:20	2900				Tes	f Line	5			
19:22	190		0	5	Sto	ert m	King 6	121#		
19:49	150		144	5	on	taile	1110			
19:54	&		30	6	T06	Packoc	10H Sh	ut down Cloan		
(000000	GRAZ	,	800	60	OP	Tub.	,			
20:52	560		30	5	Fin	ish M	xing to	ai/		
20,58	0		58	Ø	Fini	shed	mixing,	Drop Plug		
20,59	410		8	5	Sta	rt Di	of Was	hop on Plug.		
21:23	400		102	Z	510	W Ku	te			
21:28	1560		112	0	Plu	9 Don				
21:33	Ø				Kel	PS1 1	Check fl	cat (OK)		
21:35	1500				185	+ 659				
22:05	0				Kel	P31	1 /			
					20	D Coz	pleti			
							<i>y</i>			
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1										
						T				
Service Uni	- 1	88	3722337726 Rolds	38450 3	7975	304653	7547			
Driver Name	es CHi	N-2	Killas	Colila		Hector	. K			

Customer Representative

Verry Bennicht
Station Manager

Cementer Ta

Taylor Printing, Inc.



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

## FIELD SERVICE TICKET 1717 03044

PRESSURE PUMPING & WIRELINE DATE TICKET NO. DATE OF OLD PROD ☐ CUSTOMER ORDER NO.: ☐ WDW DISTRICT /7/ CUSTOMER WELL NO. **ADDRESS** STATE CITY STATE SERVICE CREW AUTHORIZED BY 3 JOB TYPE: Strin **EQUIPMENT#** HRS **EQUIPMENT#** HRS **EQUIPMENT#** HRS TRUCK CALLED 10-18112 PM -430 ARRIVED AT JOB 10-18-12 AM -730 19870 70897 10 10 30463 10 START OPERATION AM-100 19570 FINISH OPERATION 1019-12 AM -300 RELEASED AM - 430 1119-12

MILES FROM STATION TO WELL 25 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 OWINER, OPERATOR, CONTRACTOR OF AGENT) ITEM/PRICE REF. NO. \$ AMOUNT MATERIAL, EQUIPMENT AND SERVICES USED QUANTITY UNIT A-Con Blend CL101 5K 115 A-Serv Lite 95 CL106 5K CC109 Calcium Chloride 16 327 CC102 Cellofalle 53 16 C-411P CC105 16 21 0 CCZ06 Plexciete STE Stan 16 564 CF 251 Guide Shoe SA F1451 Insert Floor Wolk 1 CA F 4452 25 Centralizes EA CF103 514 CF4105 AC EA 840 CC 165 16 CC/66 sal 360 2101 mi 50 5K 210 240 4113 m 4/15 CE206 5504 Tuc Container Chuse 106

ElD Pickup Milege						Have businesses		U Boy		
e auch asses	CHEMICAL	/ ACID	DATA:	10				SUB TOTAL	12930	83
adi yalibu shek Aneriyasi il	976 1 6975 13	Maria Alama Sasa	OF THE PROPERTY.		SERVICE & EQUIPM MATERIALS	MENT		AX ON \$ AX ON \$	o to the fill new	10 130
DET VIOLETON TO THE	Territory of	100 mg	respective section			alite Partie Partie	- 18 10 (190) - 18 10 (190)	TOTAL	nt seature Bl. a President	ul lors

SERVICE REPRESENTATIVE

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

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)



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

#### FIELD SERVICE TICKET CONT.

TICKET NO. 1717 03044

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE -	\$ AMOUNT	
5003	Service Supervisor	54	1		122 5	
5CD 3 ?E503	Service Supervisor  Derrick Charge	EA	/		2100	
,						
					+	
					-	
					+	
					+	



## **Cement Report**

Customer	Du 1)	54		Lease No. Date 10-19-12				2	
Lease 5/	41		Well # / Service Receipt 30			3044			
Casing 5	Z	Depth 58	23	County Hasi	County Haskell State 165			,	
Job Type Z	42 2.5		Formation			egal Descriptio	24-30	-33	
		Pipe D	ata			Perforating			nt Data
Casing size	51/2		Tubing Size			Shots	'Ft		155k Alen
Depth 58	29		Depth 55, 43	7/	From		То		4-51C
Values	4615		Volume		From		То	The second second second	5K11.4#
Max Press	2500		Max Press		From		То	Tail in	955K +3-5K
Well Connec	tion 51/2		Annulus Voi.		From		То		
Plug Depth	5782		Packer Depth		From		То	10,36d	1-5/2 12.8#
Time	Casing Pressure	Tubing Pressure	Bbls. Pumbed	Rate			Service	Log	
1900						14	rere O	In Locatro	ne
1950						Safe	by Mee	tg-120	1/0
2200						145	Rem Ca	151ks	
1220						Circu	lat w/	reig	
105						Hook	un To	BE5	
110			1.0	1.0		Presso	ire Tes	-	
115	400		70	4.0		Poms	5400	Loss Pol	ymer
125	300		60	4.0		Pum	Lead C	mte 1	11.4#
140	200		33	4.8		Pumi 1	Tout com	1@ 12.	8#
150						Pros	Plus 1	Wash U	2
155	660		125	4.5		Dis	splace	/	
222	900	*	10 125	2,0		Slaw	Duen -1	Displace	
230	1400		10	,/		hand	Plus-F	Post He	10
300	7500		el	,/		Tes	T Cosio	15-01	C
400						30	6 Comple	ing - 01	
					1				
					Ihan!	s for you	Busica	may Ser	vices
						J			
						the trade of the second of the			
Service Unit	s 198	20	70897-19570	30463-3	37547				
Driver Name		have	Eddic	EUIS					

Customer Representative

Sen Berth Station Manager Jamel Ohnez

Cementer

Taylor Printing, Inc.



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

# FIELD SERVICE TICKET 1717 03039 A

PRESSURE PUMPING & WIRELINE DATE TICKET NO. CUSTOMER ORDER NO.: DATE OF JOB OLD PROD NEW WELL □INJ ☐ WDW DISTRICT / 7 WELL NO. CUSTOMER LEASE COUNTY **ADDRESS** SERVICE CREW CITY STATE **AUTHORIZED BY** EQUIPMENT# **EQUIPMENT#** HRS **EQUIPMENT#** HRS HRS TRUCK CALLED ARRIVED AT JOB AM -400 19870 30464 70897 START OPERATION AM - 900 AM -7100 FINISH OPERATION/0-1/-/ Z RELEASED

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 entitity 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)

TEM/PRICE
REF. NO.

MATERIAL, EQUIPMENT AND SERVICES USED

UNIT QUANTITY UNIT PRICE \$ AMOUNT

SIGNED:

SIG

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
Ch.100	Premium Coma	SK	205	11 20	2296 00
CC112	CFR	16	97	420	40740
CC109	Calcium Chloride	16	386	74	28564
54152	ProGel 250	1 sol	567	18	102 06
2101	Heory Equipment Milege	mi	50	4 90"	24500
CEZ40	Blanding + Mirry Change	5k	205	98	200 90
E113	Bulk Delivey Chase	ton	241	1 12	26992
CEZOS	Degth Change	4kms	1	A contract of a	126000
E100	Pickey Milege	mi	25	298	74 50
5003	Service Sugeries	EA	1		122 50
n Jeusiye'z u = t	AP LOCATION/DEPT. LIBECAP D02 NON D02		101 2011	Bly 19 238 dec	action of the property of the state of the s
Talan	LEASENELLIFAC Stapleton A-			A amade e sot philipago	oppustions and is not
	MAXIMO / WSM #		2 5 1201	is an over the	no ver no lavima
	TASK OLD ELEMENT 3023	-	. tolling	d Mac a cart e	Cus norm
100 100 100 100 100 100 100 100 100 100	PROJECT # 1162177 CAPEX / OPEX - Circle one				recoverage and section
	SPO / BPA UNSUPPORTED DE Circle Doc Type PRINTED NAME LARLY ZON	3 - 300		100000000000000000000000000000000000000	Vis when assumed well were
	SIGNATURE: Services/Materials have been received			SUB TOTAL	1263 92
CHE	EMICAL / ACID DATA:			nti secolo del cello del	2
	SERVICE & EQUI	PMENT		K ON \$	stome of smaller
7	MATERIALS		%TA>	KON\$	d as a first before and Pilitin
	The state of the s			TOTAL	maple Filmolociti

SERVICE REPRESENTATIVE SAME MACE

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

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)



**Cement Report** 

	Liberal	, Kansas						Cement neport	
CX4 05H			Lease No. Date				10-11-12		
Lease Stapleton 'A'							ervice Receipt 3039		
Casing 1/12/01 Depth 2480				County Haskell State 165					
Job Type	242 1	1/05	Formation			Legal Description	74-30	0-33	
		Pipe D	ata	Perforat		Perforating	g Data	Cement Data	
Casing size	442 1		Tubing Size			Shots	/Ft	Lead	
Depth Z	180		Depth		From		То		
Volume Z	8615		Volume		From		То		
Max Press	1500		Max Press		From		То	Tail in ZOSSKClass A	
Well Connec	ction 1500	Z	Annulus Vol.		From		То		
Plug Depth	2480		Packer Depth		From		То	3.77 Gd-SK 17.07	
Time	Casing Pressure	Tubing Pressure	Bbls. Pumbed	Rate			Service L	_og	
455 P/	1					A	MIKE OR,	Location	
560						Soft	et Mee	1/2-Ros Up	
900						10	is Remy	in Aill Pipe	
1015	2000		1.0	1.0		Pr	essure To	251	
1070	400		10	3.5		Pom	n Gel	Spacer	
1075	300		34.5	3.5	Pinns cout @ 17.0#			17.0#	
1040	600		3	3.5	Puma Gel Spacer				
1050	1400		74	3,5	Pring Mus Displacement				
1100						5	hut Do	un	
						30	5 Com	lete	
		140							
					11	1			
					M	nks for	Usa Tsa	sictnes Sences	
							0		
							~~~		
Service Uni	ts 198	70	70897-19570	30464-	37724	′			
Driver Name		hroz	Edvic	Joan	2				

Early
Customer Representative

Station Manager

Gunelling.

Cementer

Taylor Printing, Inc.



# Oxy USA Inc.

Haskell County Kansas Section 24 - 30S - 33W Stapleton "A" #1 Sidetrack Wellpath

**Design: Sidetrack Wellpath** 

# **EOW Completion Report**

16 October, 2012





#### Scientific Drilling International

**EOW Completion Report** 



Company: Oxy USA Inc.

Haskell County Kansas Project: Section 24 - 30S - 33W Site: Well: Stapleton "A" #1

Wellbore: Sidetrack Wellpath Design: Sidetrack Wellpath

Geo Datum: Map Zone:

Local Co-ordinate Reference:

**TVD Reference:** MD Reference: North Reference:

**Survey Calculation Method:** 

Database:

Well Stapleton "A" #1

Stapleton "A" #1H 2916.66' GL + 14' KB= @ 2930 Stapleton "A" #1H 2916.66' GL + 14' KB= @ 2930

Grid

Minimum Curvature

**EDMOKC** 

**Project** Haskell County Kansas, Haskell County Kansas, South Kansas

Map System: US State Plane 1927 (Exact solution)

NAD 1927 (NADCON CONUS)

Kansas South 1502

System Datum:

Mean Sea Level

Site Section 24 - 30S - 33W, SHL of Stapleton "A" #1H

Northing: 283,490.21 usft Site Position: Latitude: 37° 25' 15.938 N Lat/Long 1,310,034.06usft 100° 52' 33.824 W From: Easting: Longitude: **Position Uncertainty:** 0.0 usft Slot Radius: 13-3/16 -1.46° **Grid Convergence:** 

Well Stapleton "A" #1

**Well Position** +N/-S 0.0 usft Northing: 283,490.21 usft Latitude: 37° 25' 15.938 N

> +E/-W 0.0 usft 100° 52' 33.824 W Easting: 1,310,034.06 usft Longitude:

**Position Uncertainty** 2.0 usft Wellhead Elevation: 2,930.7 usft Ground Level: 2,916.7 usft

Wellbore Sidetrack Wellpath

**Magnetics** Declination **Dip Angle** Field Strength **Model Name** Sample Date (°) (°) (nT) BGGM2012 10/11/2012 6.43 65.17 51,743

Design Sidetrack Wellpath

**Audit Notes:** 

ACTUAL 1.0 Phase: 0.0 Version: Tie On Depth:

Direction **Vertical Section:** Depth From (TVD) +N/-S +E/-W (usft) (usft) (usft) (°) 0.0 0.0 0.0 180.00

Date 10/16/2012 **Survey Program** 

> То From (usft) (usft) Survey (Wellbore) **Tool Name** Description

1,030.0 2,786.0 Survey #1 (Sidetrack Wellpath) SDI MWD Scientific Drilling Intl. MWD - Standard ver 1.0.1

Survey MD Inc Azi (azimuth) TVD N/S E/W V. Sec DLeg (usft) (usft) (usft) (usft) (usft) (°/100usft) (°) (°) 0.0 0.0 0.00 0.00 0.0 0.0 0.0 0.00 1,030.0 0.75 0.00 1,030.0 6.7 0.0 -6.7 0.07 1.774.0 0.25 0.00 1.773.9 13.2 0.0 -13.20.07 1,943.0 0.90 82.00 -13.80.53 1,942.9 13.8 1.3 2,112.0 1.22 116.98 2,111.9 13.2 4.2 -13.2 0.42 2,144.0 -12.5 1.85 155.72 2,143.9 12.5 4.7 3.68 2.175.0 3.14 171.70 2.174.9 11.2 5 1 -11 2 4.69 2,207.0 4.66 177.63 2,206.8 9.1 5.3 -9.1 4.91 2,238.0 5.83 182.36 2,237.7 6.2 5.2 -6.2 4.02 2,269.0 6.02 182.61 2,268.5 3.0 5.1 -3.0 0.62 2,301.0 5.82 2,300.3 5.0 0.70 181.60 -0.3 0.3 181.43 2,331.2 2,332.0 6.10 -3.5 4.9 3.5 0.91



## **Scientific Drilling International**

**EOW Completion Report** 



Company: Oxy USA Inc.

Design:

Project: Haskell County Kansas
Site: Section 24 - 30S - 33W
Well: Stapleton "A" #1
Wellbore: Sidetrack Wellpath

Sidetrack Wellpath

Local Co-ordinate Reference: TVD Reference:

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Database:

Well Stapleton "A" #1

Stapleton "A" #1H 2916.66' GL + 14' KB= @ 2930 Stapleton "A" #1H 2916.66' GL + 14' KB= @ 2930

Grid

Minimum Curvature

**EDMOKC** 

vey							
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)
2,364.0	5.89	183.49	2,363.0	-6.8	4.8	6.8	0.94
2,395.0	6.15	182.63	2,393.8	-10.1	4.6	10.1	0.89
2,427.0	5.91	179.31	2,425.6	-13.4	4.5	13.4	1.32
2,458.0	6.16	178.30	2,456.5	-16.7	4.6	16.7	0.88
2,490.0	5.94	174.65	2,488.3	-20.0	4.8	20.0	1.38
2,521.0	5.04	168.05	2,519.1	-23.0	5.2	23.0	3.54
2,553.0	4.78	169.20	2,551.0	-25.7	5.8	25.7	0.8
2,584.0	3.63	166.32	2,581.9	-27.9	6.2	27.9	3.77
2,616.0	3.02	162.65	2,613.9	-29.7	6.7	29.7	2.02
2,647.0	2.54	149.04	2,644.8	-31.0	7.3	31.0	2.62
2,678.0	2.19	129.90	2,675.8	-32.0	8.1	32.0	2.7
2,710.0	2.28	112.92	2,707.8	-32.6	9.2	32.6	2.0
2,735.0	1.82	103.45	2,732.8	-32.9	10.0	32.9	2.2
2,786.0	1.01	103.45	2,783.8	-33.2	11.3	33.2	1.59

Checked By:	Approved By:	Date:	



## Oxy USA Inc.

Haskell County Kansas Section 24 - 30S - 33W Stapleton "A" #1

**Sidetrack Wellpath** 

**Design: Sidetrack Wellpath** 

# **Survey Report - Geographic**

16 October, 2012





#### Scientific Drilling International

Survey Report - Geographic



-1.46 °

Oxy USA Inc. Company:

Project: Haskell County Kansas

Section 24 - 30S - 33W Site:

Well: Stapleton "A" #1

Geo Datum:

Site

Wellbore: Sidetrack Wellpath Design: Sidetrack Wellpath **Local Co-ordinate Reference:** 

Stapleton "A" #1H 2916.66' GL + 14' KB= @ **TVD Reference:** 

2930.7usft (Original Well Elev) MD Reference:

Stapleton "A" #1H 2916.66' GL + 14' KB= @

2930.7usft (Original Well Elev)

Mean Sea Level

Well Stapleton "A" #1

North Reference: Grid

Minimum Curvature **Survey Calculation Method:** 

Database: **EDMOKC** 

Haskell County Kansas, Haskell County Kansas, South Kansas **Project** 

US State Plane 1927 (Exact solution) Map System:

NAD 1927 (NADCON CONUS)

Kansas South 1502 Map Zone:

Section 24 - 30S - 33W, SHL of Stapleton "A" #1H

Northing: 283,490.21 usft Site Position: Latitude: 37° 25' 15.938 N From: Lat/Long Easting: 1,310,034.06 usft Longitude: 100° 52' 33.824 W

System Datum:

**Grid Convergence: Position Uncertainty:** 0.0 usft Slot Radius: 13-3/16 "

Well Stapleton "A" #1

**Well Position** +N/-S 0.0 usft Northing: 283,490.21 usft Latitude: 37° 25' 15.938 N

+E/-W 0.0 usft Easting: 1,310,034.06 usft Longitude: 100° 52' 33.824 W

**Position Uncertainty** 2.0 usft Wellhead Elevation: 2,930.7 usft Ground Level: 2,916.7 usft

Wellbore Sidetrack Wellpath

**Magnetics Model Name** Declination **Dip Angle** Field Strength **Sample Date** (°) (°) (nT) BGGM2012 10/11/2012 6.43 65.17 51,743

Design Sidetrack Wellpath

**Audit Notes:** 

Version: 1.0 Phase: **ACTUAL** Tie On Depth: 0.0

Depth From (TVD) +N/-S +E/-W Direction **Vertical Section:** (usft) (usft) (usft) (°) 0.0 0.0 0.0 180.00

**Survey Program** Date 10/16/2012

То From (usft) (usft) Survey (Wellbore) **Tool Name** Description

1,030.0 2,786.0 Survey #1 (Sidetrack Wellpath) SDI MWD Scientific Drilling Intl. MWD - Standard ver 1.0.1

Survey Measured Vertical Мар Мар Depth Depth **Northing** Easting Inclination Azimuth +E/-W +N/-S (usft) (usft) (usft) (usft) (usft) (usft) Latitude Longitude (°) 0.0 0.00 0.00 0.0 0.0 0.0 283,490.21 1,310,034.06 37° 25' 15.938 N 100° 52' 33.824 W 1,030.0 0.00 37° 25' 16.005 N 100° 52' 33.827 W 0.75 1.030.0 6.7 0.0 283,496.95 1,310,034.06 1.774.0 0.25 0.00 1,773.9 13.2 0.0 283,503.44 1,310,034.06 37° 25' 16.069 N 100° 52' 33.829 W 283,504.00 37° 25' 16.075 N 100° 52' 33.812 W 1,943.0 0.90 82.00 1,942.9 13.8 1.3 1,310,035.37 37° 25' 16.069 N 100° 52' 33.776 W 2,112.0 1.22 116.98 2,111.9 13.2 4.2 283,503.37 1,310,038.29 37° 25' 16.063 N 100° 52' 33.770 W 2.144.0 1.85 155.72 2.143.9 12.5 4.7 283.502.74 1.310.038.81 2,175.0 3.14 171.70 2,174.9 11.2 5.1 283,501.44 1,310,039.14 37° 25' 16.051 N 100° 52' 33.765 W 2,207.0 4.66 177.63 2,206.8 9.1 5.3 283,499.28 1,310,039.32 37° 25' 16.029 N 100° 52' 33.762 W 5.2 100° 52' 33.761 W 2,238.0 5.83 182.36 2.237.7 6.2 283,496.45 1,310,039.30 37° 25' 16.001 N 2.269.0 6.02 182.61 2.268.5 3.0 5.1 283.493.25 1,310,039.16 37° 25' 15.970 N 100° 52' 33.762 W



## **Scientific Drilling International**

Survey Report - Geographic



Company: Oxy USA Inc.

Project: Haskell County Kansas

**Site:** Section 24 - 30S - 33W

Well: Stapleton "A" #1
Wellbore: Sidetrack Wellpath
Design: Sidetrack Wellpath

Local Co-ordinate Reference:

TVD Reference:

MD Reference:

North Reference:

**Survey Calculation Method:** 

Database:

Well Stapleton "A" #1

Stapleton "A" #1H 2916.66' GL + 14' KB= @

2930.7usft (Original Well Elev)

Stapleton "A" #1H 2916.66' GL + 14' KB= @

2930.7usft (Original Well Elev)

Grid

Minimum Curvature

**EDMOKC** 

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
2,301.0	5.82	181.60	2,300.3	-0.3	5.0	283,489.95	1,310,039.04	37° 25' 15.937 N	100° 52' 33.763 W
2,332.0	6.10	181.43	2,331.2	-3.5	4.9	283,486.73	1,310,038.96	37° 25' 15.905 N	100° 52' 33.763 W
2,364.0	5.89	183.49	2,363.0	-6.8	4.8	283,483.40	1,310,038.82	37° 25' 15.872 N	100° 52' 33.763 W
2,395.0	6.15	182.63	2,393.8	-10.1	4.6	283,480.15	1,310,038.64	37° 25' 15.840 N	100° 52' 33.764 W
2,427.0	5.91	179.31	2,425.6	-13.4	4.5	283,476.79	1,310,038.58	37° 25' 15.807 N	100° 52' 33.764 W
2,458.0	6.16	178.30	2,456.5	-16.7	4.6	283,473.53	1,310,038.65	37° 25' 15.775 N	100° 52' 33.762 W
2,490.0	5.94	174.65	2,488.3	-20.0	4.8	283,470.17	1,310,038.86	37° 25' 15.741 N	100° 52' 33.759 W
2,521.0	5.04	168.05	2,519.1	-23.0	5.2	283,467.24	1,310,039.29	37° 25′ 15.713 N	100° 52' 33.752 W
2,553.0	4.78	169.20	2,551.0	-25.7	5.8	283,464.55	1,310,039.83	37° 25' 15.686 N	100° 52' 33.745 W
2,584.0	3.63	166.32	2,581.9	-27.9	6.2	283,462.33	1,310,040.30	37° 25′ 15.664 N	100° 52' 33.738 W
2,616.0	3.02	162.65	2,613.9	-29.7	6.7	283,460.54	1,310,040.79	37° 25' 15.647 N	100° 52' 33.732 W
2,647.0	2.54	149.04	2,644.8	-31.0	7.3	283,459.17	1,310,041.39	37° 25′ 15.633 N	100° 52' 33.724 W
2,678.0	2.19	129.90	2,675.8	-32.0	8.1	283,458.20	1,310,042.20	37° 25' 15.624 N	100° 52' 33.713 W
2,710.0	2.28	112.92	2,707.8	-32.6	9.2	283,457.56	1,310,043.25	37° 25′ 15.618 N	100° 52' 33.700 W
2,735.0	1.82	103.45	2,732.8	-32.9	10.0	283,457.28	1,310,044.10	37° 25' 15.615 N	100° 52' 33.690 W
2,786.0	1.01	103.45	2,783.8	-33.2	11.3	283,456.98	1,310,045.32	37° 25′ 15.613 N	100° 52' 33.674 W
Г <u>а.</u> <u>-</u>								_	

Checked By: Approved By:	Date:
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WELL DETAILS: Stapleton "A" #1

Northing 283490.21

Ground Level: 2916.7
Easting Latittude Longitude
1310034.06 37° 25' 15.938 N100° 52' 33.824 W

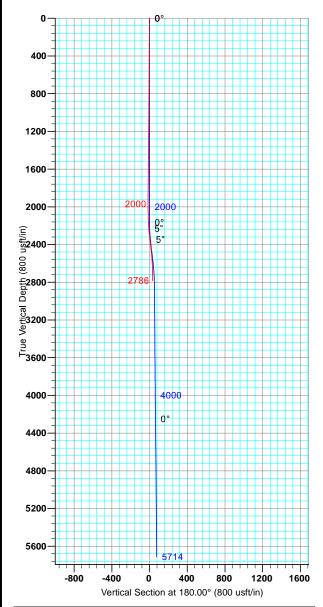
#### **DESIGN TARGET DETAILS**

No target data is available

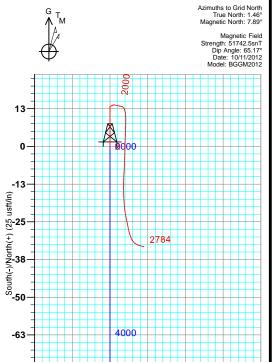
-25

-13

Oxy USA Inc. Stapleton "A" #1 Haskell County Kansas Northing: 283490.21 Easting: 1310034.06 Sidetrack Wellpath



FORMATION TOP DETAILS No formation data is available



#### LEGEND

13

West(-)/East(+) (25 usft/in)

25

38

50

Stapleton "A" #1, Sidetrack Wellpath, Plan #3 V0
Sidetrack Wellpath

SITE DETAILS: Section 24 - 30S - 33W SHL of Stapleton "A" #1H Site Center: 1596' FEL 1572' FSL

Site Centre Northing: 283490.21 Easting: 1310034.06

nal Uncertainity: 0.0 Convergence: -1.46 Local North: Grid

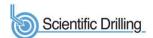
#### PROJECT DETAILS: Haskell County Kansas

Geodetic System: US State Plane 1927 (Exact solution) Datum: NAD 1927 (NADCON CONUS) Ellipsoid: Clarke 1866 Zone: Kansas South 1502

System Datum: Mean Sea Level

#### SECTION DETAILS:

No plan data is available



Jameson Shadid 15:29, October 16 2012

Scientific Drilling 421 South Eagle Lane Oklahoma City, OK

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

February 01, 2013

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

Re: ACO1 API 15-081-21997-00-00 STAPLETON A 1 SE/4 Sec.24-30S-33W 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