

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1062934

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:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
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: feet depth to: w/ sx cmt.
If Workover/Re-entry: Old Well Info as follows:	
Operator:	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: Quarter Sec TwpS. R Dest County:
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:					

	Side Two	1062934
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 Shi	eets)	Yes No		og Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geolog	gical Survey	Yes No	Nam	е		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted B (If no, Submit Copy)	Electronically	☐ Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
			GRECORD Ne		ion oto		
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: 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 Specify Fo		RD - Bridge F Each Interval		e			ement Squeeze Record d of Material Used)	Depth
TUBING RECORD:	Si	ze:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed F	Product	ion, SWD or ENHF	λ .	Producing N		ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO	N OF (GAS:			METHOD	OF COMPLE	TION:		PRODUCTION INTER	RVAL:
Vented Sold		Used on Lease		Open Hole	Perf.	Dually (Submit)		Commingled (Submit ACO-4)		
(If vented, Sub	mit ACC)-18.)		Other (Specify))					

Form	ACO1 - Well Completion
Operator	PetroSantander (USA) Inc.
Well Name	SMU 3316A
Doc ID	1062934

All Electric Logs Run

Microresistivity Log
Dual Induction Log
Computer Processed Interpretation
Dual Compensated Porosity Log

Form	ACO1 - Well Completion
Operator	PetroSantander (USA) Inc.
Well Name	SMU 3316A
Doc ID	1062934

Tops

Name	Тор	Datum		
Heebner	4374	-1625		
Lansing	4502	-1753		
Swope	4954	-2205		
Pawnee	5243	-2494		
Fort Scott	5284	-2535		
Cherokee	5300	-2551		
Atoka	5422	-2673		
Morrow Shale	5580	-2831		
Chester	5644	-2895		
Mississippian	5679	-2930		



TREATMENT REPORT

	y se	/ / /	l		L.I.		×									<u></u>		
Customer P	trosal	ntai	ndev	A .		ase No.						Date	,	2	1			
	MU	1997 1997 1997 1997 1997	tiggenedet ^{en}		We	^{II.#}	§-	16 A						8-1	1			
Field Order #	Station	ⁿ 17	17 l	Libe				Casing		epth		County	M	eade		S	tate K s	
Type Job Z	BZT	Frac			Wel	1			Forma	tion	MOK			Legal D	escripti	ion		
PIPE	DATA		PERF	ORAT	TING [DATA		FLUID	USED				TREA	TMENT	RESU	JME		
Casing Size	Tubing Si	ze S	Shots/Ft				Agio	H N		-	I	RATE	PRE	SS	ISIP	11	64	
Depth	Depth 555	τ _F	-rom	L	То		Pre	Pad 10	Strac 2	Ð	Max	3.2	-2	245	5 Mi		Ligar ang sa sa	
Volume	Volume J.		From		То		Pad	146	bbls	1 A.	Min /)	,4	1	5	10 N	had		
Max Press	Max Pres		From		То		Frac	° 1 - 2	- 3- 4	bh	Avg				15 N	lin.		
Well Connection	**/928*		From		То					. /	HHP Used				Annı	ulus Pres	sure	<i>*</i> 00
Plug Depth	Packer-Da	epth 5 F	rom		То		Flus	- F100	1250	D	Gas Volum	ie			Tota	Load	354	ţ
Customer Repre	esentative	<u>Q</u> 0K	don.			Station	Mana	ager Jé	vry 1	Be	ennett	Trea	ter X	(ex				,
Service Units		/	е. По 1977 година По 1977 година			•			1									
Driver Names	iyaan.															n en		
Time	Casing Pressure		oing ssure	Bbls	. Pump	ed		Rate					Servi	ce Log				
945									ONI	Le	scatio	>61	the second		Alexandra Alexandra			
1000									Rig	61	PIR	On/	9	el ta	ink	A A A		
12-30				• · · · · · · · · ·					prly	176	· U.P	TRU	i Ko	•		•		
1237									Oper	A	Well	1Pac	e c	on Va	cer	ike		
12.51		0		7	6		1		Ho	le	Load	50	· · ·	Pad	·		••••	
1255		56	3	14	12		1.	3.8	sta.	vŀ	10	<u></u>	nd					
12.57		61	18	2	4		14	2.9	star	F	24	4	and	<u>)</u>				
100		122	21	4			12	2.6	Star	+	3 #	t si	<u>a.ud</u>	0	ni. Asiya A			
105	an na sana ang sana sang sang sang sang	16	28		8		12	,4	star	f	-44	50	rold	an di se anivera				
107			47	3	4		12	16	star	'F	F145	h						
108		19	56		0		1	2.9	San	d	<u>clear</u>		·					
111			45	3	4			3.1	Shu	, f	dow	1	TS,	10	160	4		· .
116		0		\mathcal{O}	>		C	2	5 M	10	OM	Va	cel	oper	•. 			
				•			-							، ۱ ب بر	н. 1 С.			
in the second se				•	19 8 1 			Control C	<u>7700</u>	•							i y	
732		:			- 				entre provincia								· · · ·	
					a na sana sa		10 ²											
		the set of		a dha	1						indone da trata Angelaria							
						and a strength of the strength				<u> </u>	~					· · · · · ·		· . ·
					· · · ·		مع ورور می می ارد. ا			Ţ	han	KS.	· · · · ·					
				·	 										•			
1700 S.	. Count	ry E	state	s•l	E	ox 12	29•	Libera	I, KS 67	90) 5 • (धि	624	-227	77 • Fa	x (62	20) 624	-2280	0



Cement Report

Customer	Pedres	Streft	alter and a	Lease No.		, Date	a fill all			
Lease	147 par s			Well #	Service Receipt					
Casing	ing Depth County				State					
Job Type 🥜	1. g. g. ;	415.	Formation		Legal D	Description 75	32 30			
4. J.		Pipe (Data		Perfo	orating Data	Cement Data			
Casing size	54	15 million	Tubing Size		S	Shots/Ft	Lead			
Depth	1900		Depth		From	То				
Volume			Volume		From	То				
Max Press	an stations		Max Press	and a second	From	То	Tail in 242, 2705			
Well Connec	tion 779	r The second states	Annulus Vol.		From	То	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1			
Plug Depth	5769		Packer Depth		From	То	Children St C 1.54			
Time	Casing Pressure	Tubing Pressure	Bbls. Pumbed	Rate		Servic	*:0193458 C 17 eloq			
CG: IT	1.1050010			1	Onles,	n/ F.J.F.	-			
10. jour					- Carlos	Cinter Land	Start Com			
14:30		2			Trucks	0.12.200	Ale 11 Set Let w. Aler			
18 192				Sec. 1990	Cor mi	Bettering 19	V. W. A.C.			
1121	2500				Test Pe	max Line				
11:03	41900		1 Start	5	Start-7	Frith Hill				
19:04	400		-12	5	5/317.3	word Alerto				
19.09	400		F	5	Stork 4	esh HOO				
11:08	500		79.5	5	SINE	Just 2 20 5.	6 C 115#			
17:25					Shirt der	11 1 1451	and the second			
19:26					Care ()	of Plan	aliana di mangana di ma			
17:30	100		0	b	Start	asy is	Here Ho O			
17:42	1000		127	13	Shu.	Refe	Rest Marked Street St			
12:54	1400 -	an a	- KI 74 +	- E. F.	- Buitton					
19:59	e		137	0	Acherts	c ///car	Hell			
18:00					Endle					
						<u>[and and and and and and and and and and </u>				
	1300				RECOURS	E Betarco	Plug landed			
1	ð	94 - 1 14 - 12 - 14 - 14 - 14 - 14 - 14 - 14 -	- JAU 33	ICA ,	5758110 ···					
	7 - 21 - 4		and the strate trans-							
	141 (141) 141		đ							
Service Unit	a state that a state of the	4 years	2.18 Actistis	143641	150729					
Driver Name	s ////	13n	Mondoza	Jugh	$\ll \Lambda$					

Customer Representative

Station Manager

011

Cementer

Taylor Printing, Inc.

۰.	1.10	15.	1993 - C. C.				1.1.1.1.1.1	1. 1. 1. 1. 1. 1.			e au
5	1.1	2551 (No.) 47	10.00			4-1-5.1			1917		
	1. 1. 1	1.17	2.12	Lest .	Sector And		1.201			경영공관	
ŝ	- A.		1.5. 16.		1. 10 1. 2	Sec.	Section	1.10	in the second	1.12.40	1944 -
L	Same		12		-	1.2	3. 20		100	-	31
	Casa	all and a second	一周的	1 C 1		18 A	1983	Section of	100	ALCO SE	
	$(1, 2, \dots, n)$		A WEARD	12.43	Sec. Sec.	57	100	1444	12		100
	19		ALCONT.	1000			12		8 S.		122
٩	25.28			1.0.16	20.00	12			10.45	the .	1.1
2	1.00		-		ENE	P G	V	C F F	2 V I	C F	1
		er darine er an er	1	1.64							19
					1. KC 835	her	1.12		100000000	1000	K

Cement Report

Customer	M. Sameran	i <mark>l, Kansas</mark>		Lease No:		Date			
	<u>K-112 S</u>	The filler		Well # 🥣		Service Receipt	Service Personal		
Lease				a tan dan	<u>ne a </u>		Change and the fill of the fil		
Casing	<u> </u>	Depth //	Formation	County 11/21/2 Legal Descri		L.T.	State		
Job Type 🪽	- 42	<u>Els 20190</u>	1"c			and dead	2_70		
<u> </u>		Pipe [<u></u>	-515	iting Data	Cement Data		
Casing size						ots/Ft	Lead 416:X Arcn		
Depth	126		Depth		From	To	- 17 WCA & 2.9.4		
Volume	- 1		Volume		From From	To To	<u>Tail in (* 1997)</u>		
Max Press	<u>j</u> đi		Max Press	<u> </u>					
Well Connection			Annulus Vol.		From	To	1.314 Tok 1.1.3 + 34		
Plug Depth	11.6	<u> </u>	Packer Depth		From	То	CHIEFal		
Time	Casing Pressure	Tubing Pressure	Bbls. Pumbed	Rate		Service	2 · · · · · · · · · · · · · · · · · · ·		
65:70					onlace,	fleld 2	Herty Meeting		
09.30	And the second second	1		and the second	<u>2131 + Cz</u>	<u></u>			
12.301		frank	5		Cog ch	Cottoper_	Ciri vilkig		
13.24	<u>2540</u> ,	<u>Le since</u>	42 St 7.		Jost Par	Ju there			
17:26	140		A.M.	1	Start Le	<u> Sel Crest</u>	4403RE 11.11th		
102			<u>Il-</u>	4.	21211,70	M. Cant	1. O.S. R. C. 11. 874		
<u>4.10</u>					Shutderer	12 + Diep	Pfuç,		
14-123	<u>- 160</u>		-	2	5+31+	Chezy, wit	tresh HO		
11.32	550		RT_	1.5	Sha Re	<u>te</u>			
1490	1100			15	Derry Pla	G J J J J	a an		
14:39	Q.		<u> </u>	£.	Release	<u>C 210 ET - Hi</u>	<u>el Azerrezen ezerrezen ezerre</u>		
111:45					End Job) 			
				Const.					
	1					e <u>r</u> î î î	All second se		
	600				Heczard		Phig Midel		
					Civertates	1 Cust 7	<u>ethe Rit</u>		
				101					
is de						<u></u>			
			2. 11 E		<u> </u>				
		4	and the second	52			de la companya de la comp		
Service Units	217	<u>65</u>	24809195	76844	5-78 19.905	17848			
Oriver Name:	5 Certi	Wet the	Martial	Orti Z	J. 11/2	y truck			

Gerchern Customer Representative

Station Manager

J. Denner

Cementer

7

1. 10 11 1 1

1173

Taylor Printing, Inc.