Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1251206

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:			Sec	TwpS. R
Address 2:			Feet	from North / South Line of Sectio
City: St	ate: Zip	D:+	Feet	from East / West Line of Section
Contact Person:			Footages Calculated from Ne	earest Outside Section Corner:
Phone: ()			□ NE □ NW	☐ SE ☐ SW
CONTRACTOR: License #			GPS Location: Lat:	, Long:
Name:				g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:			Datum: NAD27 NAD27	
Purchaser:			County:	
Designate Type of Completion:			Lease Name:	Well #:
New Well Re-	·Fntrv	Workover	Field Name:	
	_		Producing Formation:	
☐ Oil ☐ WSW	SWD	SIOW	Elevation: Ground:	Kelly Bushing:
☐ Gas ☐ D&A ☐ OG	☐ ENHR	☐ SIGW ☐ Temp. Abd.	Total Vertical Depth:	Plug Back Total Depth:
CM (Coal Bed Methane)	G3W	Temp. Abd.	Amount of Surface Pipe Set a	and Cemented at: Fee
Cathodic Other (Core	Expl etc.)		Multiple Stage Cementing Co	
If Workover/Re-entry: Old Well Inf				Fee
Operator:				nent circulated from:
Well Name:			, ,	w/sx cm
Original Comp. Date:			loot doparto.	
	_	NHR Conv. to SWD		
Deepening Re-perf. Plug Back	Conv. to GS		Drilling Fluid Management F (Data must be collected from the	
Commingled	Permit #:		Chloride content:	ppm Fluid volume: bbl
Dual Completion	Permit #:		Dewatering method used:	
SWD	Permit #:		Location of fluid disposal if ha	auled offsite:
☐ ENHR	Permit #:		One water Name .	
GSW	Permit #:			
				License #:
Spud Date or Date Rea	iched TD	Completion Date or		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

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

1251206

Operator Name:			Lease Name: _			_ Well #:	
Sec Twp	S. R	East West	County:				
open and closed, flow	now important tops of fo ving and shut-in pressu o surface test, along w	ires, whether shut-in p	essure reached stat	ic level, hydrosta	tic pressures, bo		
	g, Final Logs run to ob ed in LAS version 2.0 o			ogs must be ema	illed to kcc-well-lo	ogs@kcc.ks.go	v. Digital electronic log
Drill Stem Tests Taker (Attach Additional		Yes No			on (Top), Depth a		Sample
Samples Sent to Geo	logical Survey	Yes No	Nam	ie		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
			G RECORD Notes Note Notes Note	ew Used	ion etc		
Durance of String	Size Hole	Size Casing	Weight	Setting	Type of	# Sacks	Type and Percent
Purpose of String	Drilled	Set (In O.D.)	Lbs. / Ft.	Depth	Cement	Used	Additives
		ADDITIONA	L CEMENTING / SQI	JEEZE RECORD		·	
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used		Type and	Percent Additives	
Perforate Protect Casing							
Plug Back TD Plug Off Zone							
	ulic fracturing treatment or			Yes		kip questions 2 ar	nd 3)
	total base fluid of the hydra ring treatment information	-	_	? Yes [kip question 3) I out Page Three	of the ACO-1)
Trae are riyaraane mastar							
Shots Per Foot		N RECORD - Bridge Plu potage of Each Interval Pe			cture, Shot, Cemen mount and Kind of M		Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No)	
Date of First, Resumed	Production, SWD or ENH	IR. Producing Me	thod:				
3, 11332/1164	, <u>, , , , , , , , , , , , , , , , , , </u>	Flowing	Pumping	Gas Lift 0	Other (Explain)		
Estimated Production Per 24 Hours	Oil B	bls. Gas	Mcf Wat	er B	bls.	Gas-Oil Ratio	Gravity
DISDOSITI	ON OF GAS:		METHOD OF COMPL	ETION:		PRODUCTIO	ON INTERVAL:
Vented Solo		Open Hole	Perf. Duall	y Comp. Cor	mmingled	110000110	ZI TINI ETIVAE.
	bmit ACO-18.)	Other (Specify)	(Submit	ACO-5) (Sub	mit ACO-4)		

Form	ACO1 - Well Completion
Operator	Casillas Petroleum Corp
Well Name	Pleasant Prairie Unit 85A
Doc ID	1251206

Tops

Name	Тор	Datum
Glorietta	1406	1573
Top-Stone Corral	1835	1144
Base/Stone Corral	1915	1064
Chase	2556	423
Council Grove	2832	147
Wabunsee	3196	-217
Heebner SH	3891	-912
Wyandotte	4034	-1055
Iola	4139	-1160
Marmaton	4516	-1537
Cherokee	4656	-1677
Morrow	4933	-1954
St. Gen.	5016	-2037
St. Louis B	5077	-2098
St. Louis C	5140	-2161
St. Louis D	5177	-2198

Form	ACO1 - Well Completion
Operator	Casillas Petroleum Corp
Well Name	Pleasant Prairie Unit 85A
Doc ID	1251206

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.25	8.6250	24	1666	65/35 & Class A		6% gel, 3% cc, 5# Kol seal
Production	7.8750	5.5000	15.5	5235	ASC	250	Kol seal

ALLIED OIL & GAS SERVICES, LLC 065420 Federal Tax I.D. # 20-8651475

REMIT TO P.O. B SOUTI		9 FEXAS 760	92			VICE POINT:	beind, ks
DATE 2-1-15	SEC.	TWP.	RANGE 34 W	CALLED OUT	0 LOCATION	JOB START	JOB FINISH
LEASE PPY	WELL#	85 A	LOCATIONSubles	Heks		COUNTY	STATE
OLD OR NEW C	rcle one)				In all the copy to reconstruction		
CONTRACTOR TYPE OF JOB	Ha I	Delling.	#2	OWNER	Cas	silles F.	choleum
HOLE SIZE	Podu 78	T.D.		CEMENT			
	512		TH \$ 238.74	AMOUNT O	RDERED 50 S	ks belun	POZ-Class A
TUBING SIZE		DEF	0		250 Sks	ASBC CI	ess A
DRILL PIPE		DEF		24			
TOOL		DEF		_			
PRES. MAX MEAS. LINE			IIMUM DE JOINT 22.06				
CEMENT LEFT IN	V CSG	22.06		_ POZMIX _ GEL			
PERFS.		- Dia Di				^	
DISPLACEMENT	9	124 61	bls	ASC			A 200 00 00 00 00 00 00 00 00 00 00 00 00
	EQU	UIPMENT		Hivis, S.	weep 12b	ble 58.70	704.40
	-		2.		2-Class A 50		
PUMP TRUCK	CEMENT	TER_	day tolly	- ASBC-C		Mg@ 23,50	
# 549-550	HELPER	H.	ex Ayala	- Kol Szach - PI-160		F@ 0.98	1325-00
BULK TRUCK		Λ	Jose .	1 1 160	11 49		
	DRIVER	Huc	res Cubia			@	
BULK TRUCK #	DRIVER			- Control of the cont		0	
11	DRIVER		TO VALUE OF THE PARTY OF THE PA			_ @	r :
	W3 II 7	D # A D T #			11 /1156.		-
	KE	MARKS:		4541.3	4 14220	TOTAL	. 10,092.30
					SERVI	CE	10
				DEPTH OF JO	OB		5238.74
		10.000000			K CHARGE /	3094.25	3041.25
			***************************************			4.40	
		14/80		_ MILEAGE _	Heavy 50		385:00
				 MANIFOLD. 	1	@ 275.00	275-00
				Hairsling		3@ 2-48	946.03
CHARGE TO:	Carri	Me E	24/	Dagool	and His 6	1 @ 2.75 440.00	
CHARGE TO:	1 25 11	ices f.	erroipum				9803.44
STREET				41	111.55/45%	IUIAL	7363.44
CITY	ST	TATE	ZIP		PLUG & FLOAT	FEOUDMEN	יווינ
				6 1.0	1 . /	281-00	5-44-0800 5-5-5
				ACU Tue	ext 2 locat 1	@ 335.00	335.00
ř					e IIII e	@ 395.00	
To: Allied Oil &	Gas Serv	ices LLC		Central	3	@ \$7.cc	
			enting equipment	Top Ru	bher Play 1	@ 85.00	
and furnish ceme				Turboli	20 9 4	@ 95.00	380.00
		100	e above work was	103	4.60/45%		~~
			of owner agent or	,0 ,	1.00/ 70 10	TOTAL	2358.00
			nd the "GENERAL	O A E TOO DO A TO	ZTP A		
TERMS AND CO	ONDITIO	NS" listed	on the reverse side				
	02 A		100		RGES		
PRINTED NAME	Kodl	neg (gonzale)	_ DISCOUNT	10 027. 68/	45% IF PAI	D IN 30 DAYS
	1 ~	10	1 - 1			II I AI	Jo Dillo
SIGNATURE \	AS)	$^{\prime}$	Jana Ve	/ i	* 1 L		
JIO.MI OKE	AD.	10	How have.	_ /	Net= 12	,256.06	
	(6)	1	<i>V</i>		The same of the sa	Sur-	1: 1



FINAL DISP. PRESS. 1340 PSI

CEMENTING LOG

BLEEDBACK 1-Jan BBLS

THANK YOU

						CEMENT DATA
	/2015 Dist	rict Libera	I # 21 Tick	-	65420	Spacer Type HiVis Sweep
Company		as Petroleum		H 2 Drill	ing #2	Amt Sks Yield ft*/sk Density 8.5 PPG
Lease	F	PU			85 A	
County	F	inney	Stat	te K	(s	
Location						LEAD: Time hrs. Type AMDC Class A 60/40 Poz
Field						4% gel Excess 25%
Casing Data	Conductor				Misc.	Amt. <u>50</u> Sks Yield <u>1.4</u> ft ^s /sk Density <u>13.89</u> PPG
	Surface	Interme			Liner	TAIL: Time hrs. Type ASBC Class A 100%
Size 5	1/2 Type	e	Weight	15.5 # Collar	-	6 lb NaCi, 5.5% gypseal, 2% gel, 0.3% fl-160, 5 lb kol seal
						Amt. <u>250</u> Sks Yield <u>1.58</u> ft³/sk Density <u>14.5</u> PPG
						WATER Lead 6.7 Gal/sk Tail 7.1 Gal/sk Total 187 BBLS
Casing Depth	ns Top		Bottom	5238	.74	Pump Trucks Used: 549-550
						Bulk Equipment 774-744
						A STATE OF THE STA
				== (0.0)		
Drill Pipe:		LIN. FT		. FT/BBL		The state of the s
Open Hole:	1.0	LIN. FT		. FT/BBL		Float Equipment: Manufacturer WEATHERFORD
	tors: BBLS/	Department framework in the contract of the co		. FT/BBL		Shoe: Type REGULAR GUIDE SHOE Depth
Casing	na constanting			. FT/BBL		Float: Type AFU INSERT FLOAT VALVE Depth
Open Holes		LIN. FT		. FT/BBL		Centralizers: Quantity 16 Plugs Top 1 Bottom
Drill Pipe		LIN. FT		. FT/BBL		Stage Collars 1 CEMENT BASKET
Annulus		LIN. FT		. FT/BBL		Special Equipment 4 TURBOLIZERS
2 2 3		LIN. FT		. FT/BBL		Disp: Fluid Type FRESH WATER Amt 124 bbls Weight 8.33 PPG
Perforations	From	ft_	10	ft Am	T	Mud Type Weight
		/ ,	-	$-\mathcal{A}$	$-\Lambda$	
COMPANY R	EPRESENTAT	IXE /	01	a I I a	. Ale	CEMENTER Edgar A. Rodriguez
COMITATIO	/	/·· /	800	19 VO	y w	
TIME	PRESSU	JRES PSI	FLU	D PUMPED D	DATA	
	DRILL PIPE		TOTAL	PUMPED PER	RATE	REMARKS
AM/PM	CASING	ANNULUS	FLUID	TIME PERIOD	BBLS/MIN	A TO A STATE OF THE PARTY OF TH
6:30 pm						Got to location. Spoted trucks. Rig up iron On 1-31-2015
7:30						Rig running casing
1:20 am						Casing on bottom
1:30						Rig up floor so they can circulate
2:50						Performed safety meeting
3:10						Stab cement head and rig up lines to it.
3:22	40		12		2	Plug rat & mouse hole with 50 sks of cmt (12 bbs @13.9)
3:50	2750			8		Test lines to 2500 psi
3:54	80		5		2	Pump 5 bbls of fresh water
3:56	170		12		5	Pump 12 bbls of HiVis Sweep
3:59	180		5		5	Pump 5 bbls of fresh water
4:00	150		70		5	Pump 250 sks of cmt (70 bbls @14.5)
4:21			Tresmess call			Shutdown / Clean lines / Drop plug
4:29	160		N N		6	Pump 124 bbls of displacement
4:44	220		80		6	Displacement reached cmt
5:00	1020		105		2	Slow rate to bump plug
5:08	1340		120		2	Bumped plug. Landed at 1340 psi and took up to 1830 psi
5:10						Check floats. 1 bbl back
5:13		Mil				End job. Full returns during entire job
5:25						Rig down
5:25 6:45 am						Rig down Crew leave location

BUMP PLUG TO 1830 PSI

ALLIED OIL & GAS SERVICES, LLC 064596 Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999 SOUTHLAKE, TEXAS 76092		SERVI	ICE POINT:	145
500 HEARE, 127H 5 70072			_ Vuajoj	(12)
DATE /-25-19 SEC. TWP. 365 RANGE 34W	CALLED OUT C	1/130am	JOB START 9:009.11.	JOB FINISH S)30pm.
LEASE PPU WELL# 65 A LOCATION //CC	LIVESOS K	6	COUNTY	STATE
OLD OR NEW (Circle one)	11 23CC 11	0	Timey	
OLD OR (CHOIC ORC)		J		
CONTRACTOR H2 Orilling	OWNER			
TYPE OF JOB Surface				
HOLE SIZE 12/14 T.D. 1674	CEMENT			^
CASING SIZE 68/8 DEPTH 1673	AMOUNT ORDE	RED \$ 25.5K	65356	10gel 3 DCC
TUBING SIZE DEPTH	S4/10/- Seg/	15# Flos	2/1	
DRILL PIPE DEPTH	2008K (1953	H 3600	THATA	La!
TOOL DEPTH	00 00	110001	1700	71/00
PRES. MAX MINIMUM MEAS, LINE SHOE JOINT 3B	COMMON	gusa_	@ <u>17.90</u>	7160.00
	POZMIX		@	
PERFS. 2.466/	GEL	2365#	@	20150
DISPLACEMENT 104 66/	CHLORIDE	a show T	@ 1.10	01001.50
	Allied Light Weight	A STOCK	@ 19.68	11431.00
EQUIPMENT	1) Inco f. all toes all	111 07301	@ 17.00	111000
	that seal	20 CH	@ .90	281750
PUMPTRUCK CEMENTER CANY 150029	Floseal	338#	@ 207	1003 80
549-SSO HELPER Hex Corona (Victor)	1-10-000	000.	@	_1000100
BULK TRUCK			@	
#705-842 DRIVER JOSE Calderon			@	
BULK TRUCK			@	
# 774-144 DRIVER Hamon ESCANCEGO			@	
	Γ'			
REMARKS:	11 256.	24 145%	D TOTAL	25013.66
	5.00	Đ)	TOTAL	7,0 12,10
		2555445		
		SHIP VI	187	
<u> </u>	:	SERVIC	CE .	
	DEPTH OF JOB			
	DEPTH OF JOB_	1001-8	2080	
	DEPTH OF JOB _ PUMP TRUCK CI _ light Vehic	<i>100/- 8</i>		121.50
	PUMP TRUCK C	<i>100/- 8</i>	2060 2213:75	221.50 365.60
	PUMP TRUCK C _ / igh/ Vehic MILEAGE	<i>100/- 8</i>	2060 2213:75 @_4,46	The same of the sa
	PUMPTRUCK C	<i>100/- 8</i>	2000 2213.75 @ 4.46 @ 7.70	The same of the sa
	PUMP TRUCK CI _ light Vehic MILEAGE MANIFOLD Handling UTAYGOD	100/-6 HARGE & SO \$0 1122.99	2000 2213.75 @ 4,46 @ 7.70	The same of the sa
CHARGE TO: Casillas Petroleum Cord.	PUMPTRUCK CI Light Vehic MILEAGE MANIFOLD Mandling Uray God Odditional no	100/-6 HARGE SO 1122.99 2377.59	2000 2213.75 @ 4,46 @ 7.70	The same of the sa
CHARGE TO: Casillas Petroleum Corp.	PUMP TRUCK CI _ light Vehic MILEAGE MANIFOLD Handling UTAYGOD	100/-6 HARGE SO 1122.99 2377.59	2000 2213.75 @ 4.40 @ 7.70 @ 2.48 @ 44000	The same of the sa
CHARGE TO: Casillas fetroleum Corp.	PUMPTRUCK CI Light Vehic MILEAGE MANIFOLD Mandling Uray God Odditional no	100/-6 HARGE SO 1122.99 2377.59	2000 2213.75 @ 4,46 @ 7.70	3650 2750 3602, 57 (3/6, 37, 1320, 9
STREET	PUMP TRUCK CI light Vehic MILEAGE MANIFOLD Nanding Diayage Odditional no 6090.52	100/-6 HARGE K SO 1122.99 123.77.59	2060 2213.75 @ 4.40 @ 7.20 @ 2.48 @ 2.75 @ 44000 TOTAL	36500 27500 36021.57 936.37 936.39
STREET	PUMP TRUCK CI light Vehic MILEAGE MANIFOLD Nanding Diayage Odditional no 6090.52	100/-6 HARGE SO 1122.99 2377.59	2060 2213.75 @ 4.40 @ 7.20 @ 2.48 @ 2.75 @ 44000 TOTAL	36500 27500 36021.57 936.37 936.39
STREET	PUMP TRUCK CI light Vehic MILEAGE MANIFOLD Nanding Diayage Odditional no 6090.52	100/-6 HARGE K SO 1122.99 123.77.59	2060 2213.75 @ 4.40 @ 7.20 @ 2.48 @ 2.75 @ 44000 TOTAL	36500 27500 36021.57 9365.37 13534.49
STREET	PUMP TRUCK CI light Vehice MILEAGE MANIFOLD Mandling Drayge Additional no 6090.52	100/-6 HARGE K SO 1122.99 123.77.59	2060 2213.75 @ 4.40 @ 7.20 @ 2.48 @ 2.75 @ 44000 TOTAL	365-00 275-00 2602:37 -4320:00 13534.49
STREET	PUMP TRUCK CI light Vehice MILEAGE MANIFOLD Mandling Drayge Additional no 6090.52	100/-6 HARGE SO 1122:29 2377:59 45 3 1 45 %	2060 2213.75 @ 4.40 @ 7.20 @ 2.48 @ 2.75 @ 44000 TOTAL	365-00 275-00 2602:37 -4320:00 13534.49
CITYSTATEZIP	PUMP TRUCK CI light Vehice MILEAGE MANIFOLD Mandling Drayge Additional no 6090.52	100/-6 HARGE SO 1122:29 2377:59 45 3 1 45 %	2000 2213.75 @ 4.46 @ 7.70 @ 2.48 @ 49000 TOTAL EQUIPMEN	365-00 275-00 2602:37 -4320:00 13534.49
STREET STATE ZIP To: Allied Oil & Gas Services, LLC.	PUMP TRUCK CI light Vehice MILEAGE MANIFOLD Mandling Drayge Additional no 6090.52	100/-6 HARGE SO 1122:29 2377:59 45 3 1 45 %	2060 2213.75 @ 4.46 @ 7.70 @ 2.75 @ 4.75 TOTAL EQUIPMEN	365-00 275-00 2602:37 -4320:00 13534.49
STREET STATE ZIP To: Allied Oil & Gas Services, LLC. You are hereby requested to rent cementing equipment	PUMP TRUCK CI light Vehice MILEAGE MANIFOLD Mandling Drayge Additional no 6090.52	100/-6 HARGE SO 1122:29 2377:59 45 3 1 45 %	2000 2213.75 @ 4.40 @ 7.70 @ 2.48 @ 4000 TOTAL EQUIPMEN	365-00 275-00 2602:37 -4320:00 13534.49
STREET STATE ZIP To: Allied Oil & Gas Services, LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or	PUMP TRUCK CI light Vehic MILEAGE MANIFOLD Manifold	100/-6 HARGE 12299 2377.59 14570 UG & FLOAT ext Float USKot	2000 2213.75 @ 4.40 @ 7.70 @ 2.48 @ 4000 TOTAL EQUIPMEN @ @ @	365-00 275-00 2602:37 -4320:00 13534.49
To: Allied Oil & Gas Services, LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was	PUMP TRUCK CI light Vehice MILEAGE MANIFOLD Mandling Drayge Additional no 6090.52	100/-6 HARGE 12299 2377.59 14570 UG & FLOAT ext Float USKot	2000 2213.75 @ 4.40 @ 7.70 @ 2.48 @ 4000 TOTAL EQUIPMEN	365-00 275-00 2602:37 -4320:00 13534.49
To: Allied Oil & Gas Services, LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or	PUMP TRUCK CI light Vehic MILEAGE MANIFOLD Manifold	100/-6 HARGE 12299 2377.59 14570 UG & FLOAT ext Float USKot	2000 2213.75 @ 4.40 @ 7.70 @ 2.48 @ 4000 TOTAL EQUIPMEN @ @ @	365-00 275-00 2602:37 -4320:00 13534.49
To: Allied Oil & Gas Services, LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL	PUMP TRUCK CI light Vehic MILEAGE MANIFOLD Manifold	100/-6 HARGE SO 1122.99 123.77.59 145.70 UG & FLOAT 125/04 145.70 145.70 145.70	2000 2213.75 @ 4.40 @ 7.70 @ 2.48 @ 4000 TOTAL EQUIPMEN @ @ @	365-00 275-00 2602:37 -4320:00 13534.49
To: Allied Oil & Gas Services, LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or	PUMP TRUCK CI- I ight Vehic MILEAGE MANIFOLD Mandling Drayge Aditional no Lound Show General De Centralize Bubber Pi SALES TAX (If A	100/-6 HARGE SO 1122.99 2397.59 4526 UG & FLOAT e At Float SKot J Ug 14526	2000 2213.75 @ 4.40 @ 7.70 @ 2.48 @ 4000 TOTAL EQUIPMEN @ @ @	365-00 275-00 2602:37 -4320:00 13534.49
To: Allied Oil & Gas Services, LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.	PUMP TRUCK CI- I ight Vehic MILEAGE MANIFOLD Handling Drayger Militinal no Loogo. Sa PLI Guido Show AF 4 Ins Cement be Centralize Rubber Pr 85410 SALES TAX (IF A	100/-6 HARGE SO 112129 237759 4520 UG & FLOAT E E T Float Shot 14520 14520	2060 2213.75 @ 7.70 @ 7.70 @ 7.70 @ 7.70 TOTAL EQUIPMEN @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @	365-00 225-00 36021-37- 3316-37- 1320-06 13534-49 T 440-00 447-00 560-00 200-00 131-00
To: Allied Oil & Gas Services, LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL	PUMP TRUCK CI- I ight Vehic MILEAGE MANIFOLD Handling Drayger Militinal no Loogo. Sa PLI Guido Show AF 4 Ins Cement be Centralize Rubber Pr 85410 SALES TAX (IF A	100/-6 HARGE SO 112129 237759 4520 UG & FLOAT E E T Float Shot 14520 14520	2060 2213.75 @ 7.70 @ 7.70 @ 7.70 @ 7.70 TOTAL EQUIPMEN @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @	365-00 225-00 36021-37- 63/6:37- 1320-06 13534-49 T 440-00 447-00 560-00 200-00 131-00
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CEMENTING LOG

CEMENT DATA

Date 1/25	/2015 Dist	rict Liber a	l#21 Tick	et No.	64596	Spacer Type H2O
Company		Petroleum Co			lling	Amt. Sks Yield ft ^s /sk Density PPG
Lease		t Prairei Unit			85A	10 bbls of H2O
-	F			te K	S	
Location						LEAD: Time hrs. Type 65/35 3% CC 5# Kol-seal
Field —				41.4		.5# Flo Seal Excess
Casing Data	Conductor	PTA	Squ	Jeeze	Misc.	Amt. 575 Sks Yield 2.06 ft ^o /sk Density 12.4 PPG
	√Surface	Intermed		duction	Liner	TAIL: Time hrs. Type Class A 3% CC 1/4 # Flo-seal
Size S	5/8 Type		(1)	24# Collar	- X	Excess
Size	1,70		'\cigin _	2411 COllar		Amt. 200 Sks Yield 1.21 ft³/sk Density 15.6 PPG
	- 19					WATER Lead 10.9 Gal/sk Tail 5.2 Gal/sk Total BBLS
				-200		WATER Lead 10.9 Gal/Sk Tall 3.2 Gal/Sk Total BBB
Casing Danth	. Top		Bottom	167	12	Pump Trucks Used: 549-550
Casing Depu	ns Top		— BOLLOIN	10/	3	The second secon
						Bulk Equipment 705-842
			12 - 70 2	2 22, 2 2		774-744
D III DI	pp. c/l		1.181	ET (DD)		
Drill Pipe:				FT/BBL		
Open Hole:				. FT/BBL	6.85	Float Equipment: Manufacturer Weather Fod
	tors: BBLS/I			. FT/BBL		Shoe: Type Guide Shoe Depth 1673
Casing	BBLS/	LIN. FT	LIN	. FT/BBL		Float: Type AFU Float Depth 1635
Open Holes	BBLS/	LIN. FT	LIN	. FT/BBL		Centralizers: Quantity 5 Plugs Top Bottom
Drill Pipe	BBLS/	LIN. FT	LIN	. FT/BBL		Stage Collars
Annulus	BBLS/	LIN. FT 0	.0735 LIN	. FT/BBL	13.6	Special Equipment Cement Basket
	BBLS/	LIN. FT		. FT/BBL		Disp: Fluid Type H2O Amt 104 bbls Weight 8.33 PPG
Perforations	From	ft	to	ft Amt	i .	Mud Type Weight
					A	
		1 1	11	o/	1 1	
COMPANY R	EPRESENTATI	VE/ /	all	_ 1	Marke	CEMENTER Lenny Baeza
		/ - */	ye	10	10 40	
TIME	PRESSU	IRES DSI	FAL	ID PUMPED D	ΔΤΔ	
THVIC	DRILL PIPE		TOTAL		RATE	REMARKS
AM/PM	CASING	ANNULUS	FLUID	PUMPED PER TIME PERIOD	BBLS/MIN	KLIVIAKKS
44.00	CASING		FLOID		DDL3/WIIIV	
11:30am						On Location @ 11:30am
3:00pm				↓		Rigging up to well head
3:25pm				-		Safety meeting with rig crew and company man
4:00pm	230		10		4	10 bbls of water ahead of cement
4:02pm	250		220		5	Mixing lead cement 575sk @ 12.4 #
4:46pm	200		263	1		
5:02pm	0		Commence of the Commence of th		4	Mixng tail cement 200sk @ 15.6 #
5:10pm	U		263		0	Mixng tail cement 200sk @ 15.6 # Shut down to release the plug and start displacement
Sizopini	120					
5:11pm			263		0	Shut down to release the plug and start displacement
	120		263 263		0 4	Shut down to release the plug and start displacement Plug left the head displacement of 104 bbls
5:11pm	120 210		263 263 293		0 4 5	Shut down to release the plug and start displacement Plug left the head displacement of 104 bbls 30 bbls gone
5:11pm 5:18pm 5:30pm	120 210 320		263 263 293 323		0 4 5 4	Shut down to release the plug and start displacement Plug left the head displacement of 104 bbls 30 bbls gone 60 bbls gone 90 bbls gone
5:11pm 5:18pm 5:30pm 5:32pm	120 210 320 430 580		263 263 293 323 353 357		0 4 5 4 3 3	Shut down to release the plug and start displacement Plug left the head displacement of 104 bbls 30 bbls gone 60 bbls gone 90 bbls gone 94 bbls gone and slowing down to land the plug
5:11pm 5:18pm 5:30pm	120 210 320 430		263 263 293 323 353		0 4 5 4 3	Shut down to release the plug and start displacement Plug left the head displacement of 104 bbls 30 bbls gone 60 bbls gone 90 bbls gone 94 bbls gone and slowing down to land the plug 104 bbls gone and landed the plug
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FINAL DISP. PRESS. 620 PSI BUMP PLUG TO 1200 PSI BLEEDBACK 0.5 BBLS

THANK YOU