Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1253349

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 # 34997
Name: Casillas Petroleum Corp
Address 1: 348 RD DD
Address 2:
City: Satanta State: KS Zip: 67870 + ____
Contact Person: Melissa Imler
Phone: (620) 276-3693
CONTRACTOR: License # 34127
Name: Tomcat Drilling LLC
Wellsite Geologist: NA
Purchaser: NCRA

Designate Type of Completion:

☑ New Well ☐ Re-Entry ☐ Workover

☑ 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:

Operator:
Well Name:
Original Comp. Date: Original Total Depth:

☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ ENHR Permit #:
☐ GSW Permit #:

02/05/2015	02/15/2015	5/08/2015
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-055-22378-00-00
Spot Description:
NE - SW - SE - SW Sec. 33 Twp. 26 S. R. 34 ☐ East ☑ West
525 Feet from ☐ North / ☑ South Line of Section
1918 Feet from ☐ East / ☑ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☐ SE ☑ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Finney
Lease Name: Pleasant Prairie Unit Well #: 97
Field Name: Pleasant Prairie
Producing Formation: St. Louis
Elevation: Ground: 2957 Kelly Bushing: 2966
Total Vertical Depth: 5290 Plug Back Total Depth: 5237
Amount of Surface Pipe Set and Cemented at: 1646 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.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 85000 ppm Fluid volume: 9999 bbls
Dewatering method used: Evaporated

Location of fluid disposal if hauled offsite:

Operator Name:
Lease Name: License #:
Quarter Sec. Twp. S. R. ☐ East ☐ West
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: 05/28/2015
☑ **Confidential Release Date:** 05/27/2017
☐ **Wireline Log Received**
☐ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** NAOMI JAMES **Date:** 06/15/2015

[redacted]

1253349

Operator Name: Casillas Petroleum Corp Lease Name: Pleasant Prairie Unit Well #: 97

Sec. 33 Twp. 26 S. R. 34 ☐ East ☑ West County: Finney

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken (Attach Additional Sheets) ☐ Yes ☑ No

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

Attached

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Attached	Attached	Attached

CASING RECORD ☑ New ☐ Used

Report all strings set-conductor, surface, intermediate, production, etc.

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
Conductor	30.00	20.00	72	100	Grout	10	None
Surface	12.250	8.6250	24	1646	Class A 65/35 & Class A neat	775	6%gel, 3%cc & floseal
Production	7.8750	5.500	15.5	5286	ASC & 60/40 POS	300	5# gilsonite, 5# salt, 5# gypseal, 2% gel,

ADDITIONAL CEMENTING / SQUEEZE RECORD

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

Did you perform a hydraulic fracturing treatment on this well? ☑ Yes ☐ No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☑ No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record *(Amount and Kind of Material Used)*	Depth
3	St. Louis 5045-5051	1500gals NEFE 15% HCL w/ 1000gals KCL water	5045-5051
3	St. Louis 5124-5132	1500gals NEFE 15% HCL w/ 1000gals KCL water	5124-5132

TUBING RECORD: Size: 2.8750 Set At: 5009 Packer At: Liner Run: ☐ Yes ☐ No

Date of First, Resumed Production, SWD or ENHR. 03/25/2015

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	3	0	250		

DISPOSITION OF GAS:

☐ Vented ☐ Sold ☑ Used on Lease

(If vented, Submit ACO-18.)

METHOD OF COMPLETION:

☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*

☐ Other *(Specify)* _____

PRODUCTION INTERVAL:

5045

5132

Form	ACO1 - Well Completion
Operator	Casillas Petroleum Corp
Well Name	Pleasant Prairie Unit 97
Doc ID	1253349

All Electric Logs Run

Compensated Neutron Lithology Density Gamma Ray X-Y Caliper Microlog
Dual Induction Laterolog-SP Gamma Ray
Dual Induction-SP Compensated Neutron Lithology Density Gamma Microlog Sonic
BHC Sonic Gamma Ray X-Y Caliper
Cement Bond Log

Form	ACO1 - Well Completion
Operator	Casillas Petroleum Corp
Well Name	Pleasant Prairie Unit 97
Doc ID	1253349

Tops

Name	Top	Datum
Glorietta (Top)	1397	1560
Glorietta (Base)	1559	1398
Chase	2581	376
Council Grove	2850	107
Wabunsee	3209	-252
Shawnee	3562	-605
Heebner	3924	-967
Iola	4183	-1226
Marmaton	4556	-1599
Cherokee	4688	-1731
Morrow	4961	-2004
St. Gen	5025	-2068
St. Louis B	5078	-2121
St. Louis C	5149	-2192
St. Louis D	5186	-2229

Form	ACO1 - Well Completion
Operator	Casillas Petroleum Corp
Well Name	Pleasant Prairie Unit 97
Doc ID	1253349

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Conductor	30.00	20.00	72	100	Grout	10	None
Surface	12.250	8.6250	24	1646	Class A 65/35 & Class A neat	775	6%gel, 3%cc & floseal
Production	7.8750	5.500	15.5	5286	ASC & 60/40 POS	300	5# gilsonite, 5# salt, 5# gypseal, 2% gel, 5# kol-seal

ALLIED OIL & GAS SERVICES, LLC 052819

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: Liberal ks

DATE 02-09-15	SEC. 33	TWP. 26S	RANGE 34W.	CALLED OUT	ON LOCATION	JOB START 11:00	JOB FINISH 12:30 a.m.
LEASE PFU	WELL # 97		LOCATION Sublete N. to CR 50, W to CR 00, N 5 Miles to Tom Cat Rig			COUNTY Finney	STATE ks
OLD OR NEW (Circle one)							

CONTRACTOR Tom Cat Drilling #4
TYPE OF JOB Surface
HOLE SIZE 12 1/4 T.D. 1650 ft
CASING SIZE 8 5/8 24# DEPTH 1649.7 ft
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX 1200 PSI MINIMUM
MEAS. LINE SHOE JOINT 42.3 ft
CEMENT LEFT IN CSG.
PERFS.
DISPLACEMENT 103 BBls.

OWNER CASILLAS PETROLEUM CORP.

EQUIPMENT

PUMP TRUCK CEMENTER Ruben Chavez #531-541
HELPER Ricardo Landa
BULK TRUCK #994-642 DRIVER Jose Calderon.
BULK TRUCK #705-842 DRIVER Tony (Antonio) Holguin

CEMENT

AMOUNT ORDERED 600 sk ALWC "A" 3% CC, 5 lb/sk Kol Seal, .5 lb/sk Flosele. 200 sk Class "A" 3% CC, 1/4 Flosele

COMMON "A"	200 sk	@ 17.90	3,580.00
POZMIX		@	
GEL		@	
CHLORIDE	2130 Lb	@ 1.10	2,343.00
ASC		@	
ALWC "A"	600 sk	@ 19.88	11,928.00
Kol Seal	3000 Lb	@ .98	2,940.00
Flo Seal	350 Lb	@ 2.97	1039.50

9823.73 / 45% TOTAL 21,830.50

REMARKS:

SERVICE

Mat Handling	954.84 Cwt	@ 2.48	2,368.00
PUMP TRUCK CHARGE			2,213.75
Drayage 1990	30 T-M	@ 2.75	5,473.33
MILEAGE Heavy	50 M.	@ 7.70	385.00
MANIFOLD Head	1	@	275.00
Light Vehicle	50 M.	@ 4.40	220.00
Stand by hours	1	@ 440.00	440.00
Circulating Iron	1		1,200.00

5658.79 / 45% TOTAL 12,575.08

CHARGE TO: CASILLAS PETROLEUM CORP.
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

Guide Shoe	1	@	460.00
AFU Insert Float	1	@	447.00
Cement Basket		@	560.00
Centralizer	4	@ 75.00	300.00
Top rubber plug	1	@	131.00

854.10 / 45% TOTAL 1,898.00

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 TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any)
TOTAL CHARGES 36,303.58
DISCOUNT 16,336.62 / 45% IF PAID IN 30 DAYS

PRINTED NAME Terry Souter
SIGNATURE Terry Souter

NET = 19,966.96

ALLIED OIL & GAS SERVICES, LLC

CEMENTING LOG

Date 2/9/2015 District Liberal # 21 Ticket No. 52819
Company CASILLAS PETROLEUM CORP. Rig TOM CAT # 4
Lease PPU Well No 97
County FINNEY CO. State KS.
Location
Field
Casing Data ☐ Conductor ☐ PTA ☐ Squeeze ☐ Misc. ☑ Surface ☐ Intermediate ☐ Production ☐ Liner
Size 8 5/8 Type Weight 24 # Collar

Casing Depths Top Bottom 1649.7 FT.

Drill Pipe:	BBLS/LIN. FT		LIN. FT/BBL	
Open Hole:	BBLS/LIN. FT		LIN. FT/BBL	
Capacity Factors:	BBLS/LIN. FT		LIN. FT/BBL	
Casing	BBLS/LIN. FT	0.0637	LIN. FT/BBL	15.698
Open Holes	BBLS/LIN. FT		LIN. FT/BBL	
Drill Pipe	BBLS/LIN. FT		LIN. FT/BBL	
Annulus	BBLS/LIN. FT	0.0735	LIN. FT/BBL	13.605
	BBLS/LIN. FT		LIN. FT/BBL	

Perforations From ft to ft Amt

CEMENT DATA
Spacer Type H20 5 BBLS
Amt. Sks Yield ft³/sk Density PPG

LEAD: Time hrs. Type ALWC CLASS A
3%CC, 5LB/SK KOLSEAL, .5LB/SK F.S. Excess 100%
Amt. 600 Sks Yield 2.06 ft³/sk Density 12.41 PPG
TAIL: Time hrs. Type CLASAS A NEAT
3%CC, 1/4 LB/SK FLOSEAL Excess 100%
Amt. 200 Sks Yield 1.2 ft³/sk Density 15.63 PPG
WATER Lead 10.9 Gal/sk Tail 5.2 Gal/sk Total 180 BBLS

Pump Trucks Used: 531-541
Bulk Equipment 994-642
705-842

Float Equipment: Manufacturer WEATHERFORD
Shoe: Type GUIDESHOE Depth 1649.7 FT
Float: Type AFU INSERTFLOAT Depth 1607.4 FT
Centralizers: Quantity 4 Plugs Top 1 Bottom
Stage Collars
Special Equipment 1 CMENT BASKET
Disp: Fluid Type H20 Amt 102.5 bbls Weight 8.33 PPG
Mud Type Weight

COMPANY REPRESENTATIVE Jerry Smith CEMENTER Ruben Chavez

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED PER TIME PERIOD	RATE BBLS/MIN	
7:00 PM.						Got to location spot truks and rig up.
10:10						Have a prejob safety meeting
10:31	180		2	2	2	Pum p 2 bbls h20 to fill up pumpi ng lines
10:34						Pressure test pumping lines to 2000 psi
10:37	180		5	3	5	Start pumping spacer 5 bbls h20
10:40	180		225	220	6	Start pumping lead cement 600 sk, 220 bbls slurry.
11:16	50		267.8	42.8	5	Start pumping tail cement, 42.8 bbls slurry.
11:26						Shut down
						Wash pumping lines
						Drop the plug
11:29					5	Start displpacement
11:37	240		307.8	40	5.5	Catch up cement
11:47	500		360.8	53	3	Slowdown pumping rate to 3 bbpm.
11:50	650		370.8	10		Finished displacement
	1180					Bump the plug at 1180
11:55	1180					release the pressure float held good.
						Circulate 50 bbls slurry to pit
						Job finished
						Rigdown
						Thankyou

FINAL DISP. PRESS. 650 PSI BUMP PLUG TO 1180 PSI BLEEDBACK 0.5 BBLS THANK YOU

ALLIED OIL & GAS SERVICES, LLC 065455

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Liberal KS

DATE 2-17-15	SEC. 33	TWP. 26	RANGE 34W	CALLED OUT	ON LOCATION 6:00a.m.	JOB START 12:00p.m.	JOB FINISH 2:00p.m.
LEASE ppu	WELL # 97		LOCATION Vec Garden City KS			COUNTY Finney	STATE KS
OLD OR NEW (Circle one)							

CONTRACTOR Tom Cat
TYPE OF JOB Production
HOLE SIZE 7 7/8 T.D. 5293
CASING SIZE 5 1/2 DEPTH 5289
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT 42.59
CEMENT LEFT IN CSG.
PERFS.
DISPLACEMENT 125 bbl

OWNER

EQUIPMENT

PUMP TRUCK CEMENTER Lenny Baeza
549-550 HELPER Alex Corona (Victac)
BULK TRUCK
956-841 DRIVER Ramon Escarega
BULK TRUCK
DRIVER

REMARKS:

CEMENT

AMOUNT ORDERED 250SK Class A 6# Salt 5.5% Gypseal 2% gel 5# Kolseal .3% FL-160 50SK 60-40-4% gel

~~COMMON~~ CB-ASA	250SK	@ 23.50	5875.00
POZMIX		@	
GEL		@	
CHLORIDE		@	
ASC		@	
60-40 4% gel Class A	50SK	@ 18.92	946.00
		@	
		@	
		@	
		@	
		@	
Kol-Seal	1250 #	@ .98	1225.00
FL-160	71 #	@ 18.90	1341.90
Hi Vis Susp	12sk	@ 58.70	704.40
Liquid Clay Control	12gal	@ 34.40	412.80
4727.30 / 45%		TOTAL	10505.10

SERVICE

DEPTH OF JOB 5001 - 6000
PUMP TRUCK CHARGE 3099.25

light vehicle	50.00	@ 4.40	220.00
MILEAGE	50.00	@ 7.70	385.00
MANIFOLD		@	275.00
Handling		@ 2.48	946.03
Drayage		@ 2.75	2238.16
Additional hours	2	@ 440.00	880.00
3619.55 / 45%		TOTAL	8043.44

CHARGE TO: Casillas Petroleum Corp.
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

Guide shoe			281.00
AFU Insert		@	335.00
Cement basket		@	395.00
Centralizers	16	@ 57.00	912.00
Turbolizers	4	@ 95.00	380.00
Rubber plug		@	65.00
1074.60 / 45%		TOTAL	2368.00

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 TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any)
TOTAL CHARGES $ 20936.54
DISCOUNT 9421.44 / 45% IF PAID IN 30 DAYS
Net $ 11,515.10

PRINTED NAME Rodney Gonzales
SIGNATURE Rodney Gonzales

CEMENTING LOG

ALLIED OIL & GAS SERVICES, LLC

Date 2/17/2015 District Liberal # 21 Ticket No. 65455
Company Casillas Petroleum Corp Rig Tom Cat # 4
Lease P P U Well No 97
County Finney State Ks
Location
Field
Casing Data ☐ Conductor ☐ PTA ☐ Squeeze ☐ Misc. ☐ Surface ☐ Intermediate ☑ Production ☐ Liner
Size 5 1/2 Type Weight 15.5 Collar

Casing Depths Top 0 Bottom 5289

CEMENT DATA
Spacer Type Super Flush
Amt. Sks Yield ft³/sk Density PPG
12 bbls

LEAD: Time hrs. Type Class A 5# Salt 5.5% Gypseal
2% Gel 5# Kol-Seal .3% fl-160 Excess
Amt. 250 Sks Yield 1.58 ft³/sk Density 14.5 PPG
TAIL: Time hrs. Type 60/40/ 4% Gel
Excess
Amt. 50 Sks Yield 1.42 ft³/sk Density 13.7 PPG
WATER Lead 7.1 Gal/sk Tail 6.9 Gal/sk Total BBLS

Pump Trucks Used: 549-550
Bulk Equipment 956-841

Drill Pipe:	BBLS/LIN. FT		LIN. FT/BBL	
Open Hole:	BBLS/LIN. FT	0.0602	LIN. FT/BBL	16.599
Capacity Factors:	BBLS/LIN. FT		LIN. FT/BBL	
Casing	BBLS/LIN. FT	0.0238	LIN. FT/BBL	42.01
Open Holes	BBLS/LIN. FT		LIN. FT/BBL	
Drill Pipe	BBLS/LIN. FT		LIN. FT/BBL	
Annulus	BBLS/LIN. FT	0.0309	LIN. FT/BBL	32.4
	BBLS/LIN. FT		LIN. FT/BBL	

Perforations From ft to ft Amt

Float Equipment: Manufacturer Weather Ford
Shoe: Type Guide Shoe Depth 5289
Float: Type AFU insert float Depth 5246
Centralizers: Quantity 16 Plugs Top Bottom
Stage Collars
Special Equipment
Disp: Fluid Type Amt bbls Weight PPG
Mud Type Weight

COMPANY REPRESENTATIVE Rocky Hopkins CEMENTER Lenny Baeza

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED PER TIME PERIOD	RATE BBLS/MIN	
6:00am						On location @ 6:00am
9:30am						Rigging up to well head
11:30am						Safety meeting with rig crew and company man
12:00pm	2000					Pressure test lines to 3000psi
12:04pm	350		12		3	12 bbls of Superflush ahead of cement (closed valve to casing)
12:08pm	100		20		3	and plugged rat hole and mouse hole
12:20pm	380		90		4	Mixing tail cement total of 250 sk of cement 70 bbls of slurry
1:00pm	0		90		0	Shut down to release the plug and washing pumping lines to the pits
1:10pm	0		90		3	Plug left head and displacement of 124.8 bbls with 2 % KCL water
1:18pm	280		130		6	40bbls gone
1:24pm	540		170		6	80bbls gone
1:32pm	780		190		6	100 bbls gone
1:35pm	1180		204		3	114 bbls gone and slowing down to land the plug
1:46pm	1800		214		3	124 bbls gone and landed the plug 1800 PSI
						HAD FULL RETURNS DURNING JOB
						Leaving location @ 3:00pm

FINAL DISP. PRESS. 1400 PSI BUMP PLUG TO 1800 PSI BLEEDBACK 0.75 BBLS THANK YOU