

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1187085

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:								
Address 2:			Feet from North / South Line of Section					
City:	State: Z	ip:+	Fe	eet from East /	West Line of Section			
Contact Person:			Footages Calculated from I	Nearest Outside Section C	Corner:			
Phone: ()			□ NE □ NW	V □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:	W	/ell #:			
	e-Entry	Workover	Field Name:					
	_		Producing Formation:					
☐ Oil ☐ WSW ☐ D&A	☐ SWD	∐ SIOW □ SIGW	Elevation: Ground:	Kelly Bushing:	:			
	GSW	Temp. Abd.	Total Vertical Depth:	Plug Back Total C	Depth:			
CM (Coal Bed Methane)	dow	Temp. Abd.	Amount of Surface Pipe Se	et and Cemented at:	Feet			
☐ Cathodic ☐ Other (Co	ore, Expl., etc.):		Multiple Stage Cementing	Collar Used? Yes	No			
If Workover/Re-entry: Old Well I			If yes, show depth set:		Feet			
Operator:			If Alternate II completion, c	cement circulated from:				
Well Name:			feet depth to:	w/	sx cmt.			
Original Comp. Date:								
Deepening Re-perf	•	NHR Conv. to SWD	Drilling Fluid Managemer	nt Plan				
☐ Plug Back	Conv. to G		(Data must be collected from the					
Commingled	Pormit #:		Chloride content:	ppm Fluid volume	e: bbls			
Dual Completion			Dewatering method used: _					
SWD			Location of fluid disposal if	hauled offsite				
☐ ENHR			1					
GSW	Permit #:		Operator Name:					
_ _			Lease Name:	License #:_				
Spud Date or Date R	eached TD	Completion Date or	Quarter Sec	TwpS. R	East _ West			
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:							

Page Two



Operator Name:			L	ease Name: _			Well #:		
Sec Twp	S. R	East We	est C	County:					
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in pres	sures, whether sh	ut-in pressur	e reached stati	c level, hydrosta	tic pressures, bott			
Final Radioactivity Lo files must be submitted					gs must be ema	iled to kcc-well-log	gs@kcc.ks.go	. Digital electronic log	
Drill Stem Tests Taker (Attach Additional		Yes	No	L		n (Top), Depth an		Sample	
Samples Sent to Geo	logical Survey	Yes	No	Nam	е		Тор	Datum	
Cores Taken Electric Log Run		Yes Yes	No No						
List All E. Logs Run:									
		(CASING REC	ORD Ne	w Used				
		· ·		ıctor, surface, inte	ermediate, producti		T		
Purpose of String	Size Hole Drilled	Size Casin Set (In O.D		Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	
		ADD	ITIONAL CEN	MENTING / SQL	JEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cem	ent #	Sacks Used	Type and Percent Additives				
Perforate Protect Casing	100 20111111								
Plug Back TD Plug Off Zone									
1 lag on zono									
Did you perform a hydrau	ulic fracturing treatment	on this well?			Yes	No (If No, ski)	o questions 2 ar	nd 3)	
Does the volume of the to		•				_	o question 3)	(" 100 ")	
Was the hydraulic fractur	ing treatment information	on submitted to the c	hemical disclo	sure registry?	Yes	No (If No, fill o	out Page Three	of the ACO-1)	
Shots Per Foot		ION RECORD - Bri Footage of Each Int				cture, Shot, Cement		d Depth	
	, ,				,		,		
TUBING RECORD:	Size:	Set At:	Pa	acker At:	Liner Run:				
						Yes No			
Date of First, Resumed	Production, SWD or Ef		cing Method: owing	Pumping	Gas Lift C	ther <i>(Explain)</i>			
Estimated Production Per 24 Hours	Oil	Bbls. G	as Mcf	Wate	er Bl	ols. G	ias-Oil Ratio	Gravity	
DIODOCITI	ON OF CAS:		, 4 CT - 1		TION:		DRODUCTIO	AN INTEDVAL.	
Vented Solo	ON OF GAS: Used on Lease	Open Ho		IOD OF COMPLE \Box		nmingled	PHODUCIIC	ON INTERVAL:	
	bmit ACO-18.)	Other (S	necify)	(Submit		mit ACO-4)			

Form	ACO1 - Well Completion
Operator	PostRock Midcontinent Production LLC
Well Name	GRADY, JAMES A 5-18
Doc ID	1187085

All Electric Logs Run

CDL	
NDL	
DIL	
TEMP	

Rig Num	ber:	2		COLOR DE L'ANGE	***************************************	S.	\$	T. 28	R./7E
API No.	15	20	5-28	3201		County:	V- / / '	2. dir. 6. 3	
	11 (2.75)			Elev. C	784'	Location	SE-1	VE-5W-	NW

Operator: Post Rick m	identinent Production
Address: Oklahoma Ti	ower 210 Park Ave ste 2750
rldehema €	Hy OK 73102
Well No: 5-/8	Lease Name: Grady, James A
Foolage Location:	/660 ft. from the (N) (S) Line
	/050 ft. from the (E) ((VV) Line
Drilling Contractor:	AcPherson Drilling LLC
Spud date: 7/24//3	Geologist:
Date Completed: 7/26//	Total Depth//00

Casing Record			Rig Time:	
	Surface	Production		100
Size Hole:	1111	77/8"		
Size Casing:	95/5"			
Weight:	23#			
Setting Depth:	22	Post Rock	- District Control of the Control of	
Type Cement:	port	u U		
Sacks:	5			·

	*****	· · · · · · · · · · · · · · · · · · ·		سننسب	
Gas Tes	its:				
730	" Q	is H	n	eller is the	
	_424	7 7 T		ZUW.	
1030	<u>ک</u> ر '	am	2		
			AND COMPANY OF THE PARTY OF THE		

ADM					
			: .	•	
- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1					
				71	
Puto	// OA/ 83	47	non	<u> 7/5</u>	- 7.
7199	83				
	*				
			, , , , , , , , , , , , , , , , , , ,		·
			vinder		шил
					- 1
	-1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
				W. C. Carlotte State	
					Magne Popular

In west	er 10 /	80'			Well Log					lea .
Formation	Тор	Btm.		Formation	Top	Btm.		Formation	Тор	Btm.
Top Soil	0	7		mulber	721	726				
or or	5	175	**	lime	726	729				
-527°	175	107		Shel.	729	738				
7	10	12.		Dam IStal	738	804)				
31.10.	Tie s	125	1	21100	804	863				
	1:25	180	wet	Oil sand	8/3	822				A CONTRACTOR OF THE PARTY OF TH
	1/80	229	~	sand shale	812	964	lna		***	
Zimo	229	229 301		Sand	964	970	20,8			
Hat	307	751	**	Oll Land	970	982				
Line	351	365		Coal	982	983				
Shale	365	367	Ī	Oil Rand	983	1023	- 72	- CONCOUNT OF THE PARTY OF THE		
Lyn _k	13/27	406		Gand	. 1023	1043	100	<u></u>		
Blake	406	468		water Land	1043	1056				
- Lime	468	477	-	Bud Blok	1056	1090				
Band	477	507	20	Coal	1090	109/		20100 144-10-00-00-00-00-00-00-00-00-00-00-00-00-	·	
160	500	525		Sholo	109/_					A STATE OF THE PARTY OF THE PAR
2000A	525	528	1					minimum of the second second		
Lina	5 28	5.34								
shalo	5.3 4	628								
Drme	1.28	651					_			
TILII.	1751	692	1							
Filia lin	692	708				as research to the second of the				
TO THE	708	714								
73janowski Vizme	1-710	721								



211 W. 14TH STREET, CHANUTE, KS 66720 620-431-9500

TICKET NUMBER	8108
FIELD TICKET REF #	
FOREMAN Noth	an Gahnas
AFE D 13 (6 2	
SSI	
API 15-205-	28201.00-

TREATMENT REPORT & FIELD TICKET CEMENT

DATE						SECTION	TOWNSHIP	RAN	NGE	COUNTY
7-27-13	Grady,	Jame	s A.	5-18		5	285	17	E	Wilson
FOREMAN/ OPERATOR	TIME	TIME OUT	LESS LUNCH	TRUCK #		TRAILER #	TRUCH Hour			MPLOYEE GNATURE
Nathan Galine	11:00	2:30		905575			3,5	5	Nee	6.11
Mike Clines	1	1:00		963142	9	03895	2		2	2///
Wes Gahuss		1:30		903414	93	32705	2,5		hea	90
Greg Blackmers	. 1	1:30		903605	9	33235	2.5		-	2m
					_					
					_					
1 07	<u> </u>		7/	1					-	+
JOB TYPE Long St		SIZE ! SE	18	HOLE DEPTH	00		ING SIZE & W	A CALL OF THE PARTY OF THE PART		
CASING DEPTH 109	DRILL	PIPE		TUBING		OTH	ER OUS	10	nes	rig
SLURRY WEIGHT 13,	JLUNI	RY VOL		WATER gal/sk		CEM	MENT LEFT IN C	CASING.		3-
DISPLACEMENT	DISPL	ACEMENT PSI	500	MIX PSI		RATE	4,	0		
REMARKS: On 1	ecation o	+ 111	5. R	ead to	rili	1 69811	na at	111	30	1
Washed in	final	-15'	Ready	1		1 1	12:45	5	e e	COWS
ticket for cement sob details, Good circulation at all times										
Good cement return to pit. In the Well was 92551										
No top off needed: Slight oil show										
			,							

ACCOUNT CODE	QUANTITY OR UNITS	DESCRIPTION OF SERVICE OR PRODUCT	TOTAL AMOUNT
905575	1	Foreman Pickup	
		Cement Pump Truck	
		Bulk Truck	
	1	Transport Truck	
	1	Transport Trailer	
		80 Vac	
103142	1	Casing Truck	
932895	1	Casing Trailer	
	1094.13	Casing	
	6	Centralizers	
		Float Shoe	
)	Wiper Plug	
	-	Frac Baffles	
		Portland Cement	
		CSA-122 Sodium Silicate	
		CGL-115 Cement Fluid Loss	
	5 5ks	Premium Gel	
		Cal Chloride	
		City Water	
		Chemthix-P Thixotropic	
		KOL Seal	
	1514	Cotton Seed Hulls	



FIE # 15-205-28201

TICKET NUMBER	43332
LOCATION / ore A c	15
EODEMAN SAGAR	- Lect

DATE

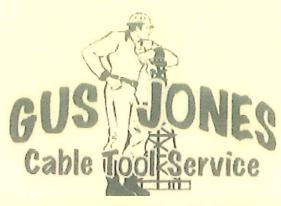
PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT

020 401 0210	01 000-407-0076	,		CEMEN	1			
DATE	CUSTOMER#	WELL	NAME & NUM	IBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-27-13	6628	Grady,	James	# 5:15				wilson
CUSTOMER	1 0 1	1,-14		615	HEROTO A SHOW I	of the last the second	- Per Cinnella	Similar Street
10:		Lnorgy	(OP		TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRE			,	Johns	445	Dave 6		
4	402 Jul	uson Ke	1		479	rolbyn		
CITY	,	San	ZIP CODE		77	FLYM 1	Villay Tre	ching
Cha	nute	K 5			V. tre. hand	mayle R		
JOB TYPE 4/	5 0	HOLE SIZE 7	7	HOLE DEPTH	1100'	CASING SIZE & V	VEIGHT_ 5 /2 //	@ 14 #
CASING DEPTH	10941364	DRILL PIPE		_TUBING			OTHER	
SLURRY WEIGH	IT 13.53	SLURRY VOL_	SUBbl	WATER gal/s	k 9.0	CEMENT LEFT in	CASING_	
DISPLACEMENT	1 27 Bbl	DISPLACEMENT	PSI 500	MIX PSI	1 Phys 1000	RATE DISPLAN	· 6 -11	BPM
REMARKS: K	ig UP to	05/2" (asing,	wesh a	town 20	1 W/651	561 1/20	, mixad
500 # ge	1 f. lish	w/ holls,	10 Bb1	1/70 51	Daler, m	ived 1-10	5k5 7	Lick sel
Cemens	W/5#	Kal-5891,	11101	enoseq/	1 1/1/2/6	C11-115 @	13.5 4	1991.
Shot dou	in wash	out pu	mp & 1.	ines, di	splace a	1271	361 1/20	2. Final
Pumping 1	Dressure,	of 500	PSI, E	mord	plug @1	1000 251.	Dlug 4	flogs
held Cou	ad circula	tion @	'all 41	nops.	6 Bbl	Slurry.	15 Pit	. Job
complete	4			1				
		, (
		7	houks	Shor	nown + C	rew"	a a	

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	/	PUMP CHARGE	1085.00	1085.00
5406	Þ	MILEAGE 2 of I welk N/c close bye	N/C	N/C
11710	1 1 0 - 1 -		1/2	25 40
1126A	140 5 K 5	Kulseal @ 5#1/5K	20.16	2877 40
1107A	140 #	Phenoscal @ 1#/5k	. 1. 35	189.00
11/35 A	33 #/	CFL-115.@ 1/40/D	11.08	365.64
5407A	7. ! Tons	Ton mileage bulk Truck x so miles)	X41	542 85
5502 C	3 HRS	50 Bbl Va Truck #177 Mily Trucking	90.00	270.00
			SubTotal	5596.89
		6,150/	SALES TAX	22749
avin 3737		· ///	ESTIMATED TOTAL	5824.38

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



149 RD 25 – Elk City, KS 67344 (620) 332-7637 – Gus' Cell (620) 642-6315 - Office

Job Sheet

				1 600		
Date: 7-27-13	Start Time:	Finish Tim	ne:	Total Tim	ne: [Urnin	
Company: Po.	5-1 Rock	Lea	se: C	orady		
		We	#: <i>5</i> -	-18		
New Well ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■	☑ Kansas	County Name:		Rig 1	☐ Rig 3	
Old Well	Oklahoma	wilson		Rig 2	Gus	
	Work	Performed	l			
Ran casing	✓ Casing to	ng x/	□ P	ump truck _		
Pulled rods out	Pump cha	ange	Contract of the Contract of th	Case Case Case Case Case Case Case Case		
Ran rods in	Fishing jo	b/Tool charge	_	Delivery truck		
Pulled tubing o	ut Replaced	tubing joints				
Ran tubing in _	Tong char	ge x		<mark>Лud Ритр</mark>		
Stripping job Swabed				Power swivel		
Job Description:	Drive to	100 R.	. up	Runir		
Sh Cas	ing Recip be	hile cemé.	noting La	ind cland		
Ri, don	λ					
	P	arts Used				
Supplied by G.	J.					
Swab cups	Tul	bing subs		Rod boxes		
Rod subs	Tul	bing collars		Drill bits		
Other						

Grady, James A. 5-18

Pipe#	Joint Length	Running Total - NO threads	Baffle Location	PostRock Energy- Casing Tally Sheet
1	44.54	44.29		Date: 7/27/13
2	44.49	88.53		Well Name & #: Grady 5-18
3	44.53	132.81		Township & Range: 28S-17E
4	44.49	177.05		County/State: Wilson/KS
5	44.54	221.34		AFE#: D13162
6	44.5	265.59		API# 15-205-28201-00-00
7	44.5	309.84		Comments:
8	44.49	354.08		Projected TD- 1100'
9	44.53	398.36		
10	44.49	442.6		Joints are numbered in White
11	44.54	486.89		Avoid Collars 970-990
12	44.55	531.19		Subs are in orange
13	44.57	578.51		
14	44.56	619.82		
15	44.53	664.1		
16	44.51	708.36		
17	44.48	752.59		Added these subs for
18	44.54	796.88		flexibility to adjust to actual TD
19	44.5	841.13		•
20	44.5	885.38		Trailer# 932895
21	44.47	929.6		
26	15.03	944.38		Actual TD - 1100
28	7.35	951.48		Log Bottom - 1097.80
24	44.49	995.72		Casing Tally - 1094.13
25	44.46	1039.93		No Baffles
22	44.49	1039.71		Centralizers per SOP
27	10.45	1049.91		
23	44.47	1094.13	3	
29	5.63	1099.51	G G	
30				
31				
32				
33				a
34				
35				
36				
37				
38				
39				rea
	 			

PostRock Energy Corp.