

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1124039

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
Address 2:	Feet from
City: State: Zip:+	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.xxxxxx) (e.gxxx.xxxxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
☐ New Well ☐ Re-Entry ☐ Workover	Field Name:
□ Oil □ WSW □ SHOW □ 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:	Producing Formation: Kelly Bushing: Total Vertical Depth: Plug Back Total Depth: Feet Multiple Stage Cementing Collar Used? Yes No 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 Plug Back Conv. to GSW Conv. to Producer Commingled Permit #: Dual Completion Permit #: SWD Permit #:	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:
☐ ENHR Permit #: ☐ GSW Permit #:	Operator Name:
GSW Permit #:	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	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:						
Confidential Release Date:						
Wireline Log Received						
Geologist Report Received						
UIC Distribution						
ALT I II Approved by: Date:						

Page Two



Operator Name:				_ Lease I	Name: _			Well #:	
Sec Twp	S. R	East	West	County	:				
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in press o surface test, along v	ures, whe	ther shut-in pre chart(s). Attach	ssure reac extra shee	hed stati	c level, hydrosta space is neede	tic pressures, b d.	ottom hole temp	erature, fluid recov
Final Radioactivity Lo files must be submitte						ogs must be ema	alled to kcc-well-	logs@kcc.ks.go	v. Digital electronic
Drill Stem Tests Taker (Attach Additional		Y	es No			J	on (Top), Depth		Sample
Samples Sent to Geo	logical Survey	Y	es No		Nam	е		Тор	Datum
Cores Taken Electric Log Run			es No						
List All E. Logs Run:									
				RECORD	Ne				
	0: 11.1					ermediate, product		" 0 1	T 15
Purpose of String	Size Hole Drilled		ze Casing t (In O.D.)	Weig Lbs.		Setting Depth	Type of Cement	# Sacks Used	Type and Percer Additives
			ADDITIONAL	CEMENTI	NG / SQL	JEEZE RECORD			
Purpose:	Depth Top Bottom	Туре	of Cement	# Sacks	Used		Type and	Percent Additives	
Perforate Protect Casing	Top Dottern								
Plug Back TD Plug Off Zone									
1 lug 0 li 20 lio									
Did you perform a hydrau	ulic fracturing treatment	on this well	?			Yes	No (If No, s	skip questions 2 a	nd 3)
Does the volume of the t			-		-			skip question 3)	
Was the hydraulic fractur	ing treatment informatio	n submitted	to the chemical of	disclosure re	gistry?	Yes	No (If No, i	ill out Page Three	of the ACO-1)
Shots Per Foot			RD - Bridge Plug Each Interval Perl				cture, Shot, Ceme	nt Squeeze Recor	rd Depth
						(* *			200
TUBING RECORD:	Size:	Set At:		Packer A	t·	Liner Run:			
		0017111				[Yes N	o	
Date of First, Resumed	Production, SWD or EN	HR.	Producing Meth	nod:	g 🗌	Gas Lift (Other (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wat	er B	bls.	Gas-Oil Ratio	Gravity
DIODOCITI	01.05.040			4ETUOD 05	. 00145/	TION:		DDOD! ICT!	
DISPOSITION Solo	ON OF GAS: Used on Lease		N Open Hole	∥ETHOD OF Perf.	_		mmingled	PRODUCTION	ON INTERVAL:
	bmit ACO-18.)		Other (Specify)		(Submit		mit ACO-4)		

Form	ACO1 - Well Completion
Operator	PostRock Midcontinent Production LLC
Well Name	HARDIN, B 27-3
Doc ID	1124039

All Electric Logs Run

DIL	
CDL NDL	
NDL	
TEMP	
CBL	

Air Drilling Specialist Oil & Gas Wells

THORNTON AIR ROTARY, LLC

Office Phone: 620-879-2073

PO Box 449 Caney, KS 67333

Date Started	12/14/2012
Date Completed	12/17/2012

	Operator		A.P.I #	County	State	
Post Rock Energy			15-205-28075-00-00	Wilson	Kansas	
Well No.	Lease		Sec.	Twp.	Rge.	
27-3	Hardi	1, B	27	28	17	
Type	Driller	Cement Used	Casing Used	Depth	Size of Hole	
Oil	Brantley Thornton	5	24' 85/8	1009	77/8	

Formation Record

					1 TO 100 TO 100 DOI 10
0-12	MUD	691-701	LIME		
12-20	SAND	701-706	BLK SHALE (MULKY)		
20-22	SHALE	706-707	COAL	20000 500 00	
22-24	SAND	7047-711	LIME		
24-32	LIME	711-784	SANDY SHALE		
32-70	SHALE	784-786	LIME (V-LIME)		
70-105	SAND / WET	786-787	SHALE		
1025-150	SHALE	787-789	COAL (CROWBERG)		-
150-18 <mark>0</mark>	SAND SHALE	789-800	SAND		
180-211	LIME	800-828	SHALE		
211-22 <mark>5</mark>	SANDY SHALE	828-830	COAL		
225-23 <mark>5</mark>	SAND	830-845	SHALE		
235-250	SHALE	845-847	COAL		
250-275	SAND / DAMP	847-882	SANDY SHALE		
275-310	SHALE	882-883	COAL		
310-335	SHALE / DARK	883-885	SANDY SHALE		
320	WENT TO WATER	885-925	SAND		
335-380	LIME	925-935	SANDY SHALE		*
380-450	LMY SHALE	935-936	COAL		
450-475	LIME	936-975	SANDY SHALE		
475-52 <mark>0</mark>	LMY SHALE	975-1009	SHALE		
520-535	SHALE	1009	TD		
535-585	SANDY SHALE				
585-586	COAL (MULBERRY)				
586-594	SHALE				
594-624	LIME (PAWNEE)				
624-630	BLK SHALE (LEXINGTON)				
630-664	SANDY SHALE				
664-686	LIME (OSWEGO)				
686-691	BLK SHALE (SUMMIT)				



AFA DIZOZO

TICKET NUMBER LOCATION FUCKS FOREMAN RICK Ladford

PO Box 884, Chanute, KS 66720

FIELD TICKET & TREATMENT REPORT

620-431-9210	or 800-467-8676	3		CEMEN	T API 1	5-265-28075	P.O. " JM1218	7/2-1
DATE	CUSTOMER#	WELL	NAME & NUMI	BER	SECTION	TOWNSHIP	RANGE	COUNTY
	6628	Haldin B	3 27-3		27	285	176	Wilson
CUSTOMER	, 0 5			Gus Jones	30 days Conces	aidine bust ton a	andriami ile niti	Just sulgran
MAILING ADDRE	t know Ene	134 COPP.			TRUCK#	DRIVER	TRUCK#	DRIVER
		0.1			520	John	1 to	
CITY	2 Johnson		leve a see		Lell	Teremy		
CITY		STATE	ZIP CODE				TAV A	
Cha	nute.	123						
JOB TYPE	15 6	HOLE SIZE7	7/8.	HOLE DEPTH	1009	CASING SIZE & W	/EIGHT_5'/2'	
CASING DEPTH		DRILL PIPE		TUBING	The state of	45	OTHER	
SLURRY WEIGH						CEMENT LEFT in	CASING 0'	
DISPLACEMENT	24.5 Bbl	DISPLACEMENT	PSI 700	MIX PSI_//00	Burg plus	RATE 5 CPM		
REMARKS: 50	fet, meeting	- Riggo to	5 5 12 (asi	ig w/ wash	heed. Was	Adom 40'	to PBTD. 1	Dung
500 # gel-	flish brow	isht gel to	o sulface.	Rig up to	cement of	Dired 140 SK	s class A	cemant
w/ 290 C	ac12 290 ~	netasilizate.	1/2 70 CFL	-115 Y1096	centhix-P+	10# Kotsee11	ISN @ 13.51	1/951.
yield 1.8	1. Washout	pump + lin	s, release	plus O	isplace 11/2	4.5 Bbl fresh	water. Fr	ist purp
pressure 7	00 PSI. B.,	poly to	1100 PSI.	release or	essure floot	+ plug hold.	Good cenes	t icturns
to surface	= 5 Bis)	shirty to piz	1. Job Co	explete. Ri	s down			er ind v
		1			1			4 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -

· Thank You 51/2 plus + sel provided by company

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	<u>. /</u>	PUMP CHARGE	1030.00	1030.00
5406	50	MILEAGE 1st well of 2	4.00	200.00
				Tip Take
11643	140 585	class A cent	14.95	2093.66
1100	260₹	200 cac12	.74	197.40
IIIA	260#	290 metasilicate	2.00	520.00
1135A	45"	1/2 % CFL-115	10.55	685.75
	19 #	Those centhix-P (provided by postrock)	nic	nle
1116A	1400+	16# Kol-sm1/sx	.46	644.00
				To the second
5407A	7.56	too milease bulk tox	1.34	506.52
				The The T
				L 4
-			1	
				7 7
			5 1 1 1 1 1	5871.6
		(.30)	SALES TAX	260.51
in 3737			ESTIMATED	6132.18

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.



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

TICKET NUMBER	7400
FIELD TICKET REF#_	87
FORMAN Devide	Chuney
AFE 1) (2026	
SSI	
ADI 16- 206-280	75-00-00

TREATMENT REPORT & FIELD TICKET CEMENT

DATE	1	WELL N	AME & NUME	RER		SECTION	TOWNSHIP	RANGE	E COUNTY
12-19-12	Hardin		7-3	JL11 .	27	285	179	- 11	
FORMAN/ OPERATOR	TIME	TIME	LESS LUNCH	TRUCK #	T	RAILR #	TRUCK HOURS		EMPLOYEE SIGNATURE
Darrell Chaney	6:15	11:00		905575			.4.75	,	Donal
RobertRice	6:30			931400	93	790 V	4.5	-fe	SINAC
John Wolke	C (30			903414	93	32705	200,000		ZO We
Erik Baugh	6 6.00	•		Training			4,5		Sil for
Joe Ragers	7715			903400	931	405	3.75		Joeloga
Callyndon)						J,	/	
JOBTYPE LONG S	tring HOLE	SIZE		HOLE DEPTH	1009	(CASING SIZE & W	/EIGHT_	55" 1414
CASING DEPTH_100	OG. 07 DRILL	_ PIPE		TUBING			OTHER		
SLURRY WEIGHT	SLUR	IRY VOL		WATER gal/sk			DEMENT LEFT in	CASING_	
DISPLACEMENT	DISPI	LACEMENT PSI_		MIX PSI		F	RATE		
REMARKS:									
									
E			7/4						
ACCOUNT									1 70711
CODE	QUANTITY OR U	JNITS		DESCRIPTION O	F SERV	ICES OR P	RODUCT		TOTAL AMOUN

ACCOUNT CODE	QUANTITY OR UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
905575		Forman Pickup	
Cows	1	Cement Pump Truck	
Cous	(_	Bulk Truck	
Cou.5 POJH490340	3	Transport Truck	
32-785 Blue5	3	Transport Trailer	
		80 Vac	
931460+93290		Casing Truck & Truler	
		Casing	·
	65	Centralizers	1
		Float Shoe	
	T T	Wiper Plug	
	2_	Frac Baffles	
		Portland Cement	
		Gilsonite	
		Flo-Seal	
	5-5/5	Premium Gel	+1
		Cal Chloride	
		City Water	ĺ
		KCL	
		KOL Seal	
	1-5ks	Cotton Seed Hulls	
			di

Hardn 27-3

Pipe #	Length	Running Total	Baffle Location	PostRock Energy- Casing Tally Sheet
1	38.27	38.27		Date: 12/18/2012
2	38.91	77.18		Well Name & #: B Hardin 27-3
3	39.44	116.62		Township & Range: 28S-17E
4	39.51	156.13		County/State: Neosho/ Wilson
5	38.37	194.5		AFE#: D12026
6	38.63	233.13		API# 15-205-28075-00-00
7	39.87	273		Comments:
8	38.75	311.75		Projected TD- 1010'
9	39.82	351.57		Actual TD 1009
10	38.62	390.19		Joints are numbered in white
11	39.06	429.25		
12	40.75	470		Added 1 joint & 4 subs (27-31)
13	38.15	508.15		27) 38.42
14	38.51	546.66		28) 5.19
15	40	586.66		29) 5.20
16	39.22	625.88		30) 10.10
17	39.51	665.39		31) 10.20
18	39.16	.704.55		Added these subs and joint for
19	39.48	744.03	^	flexibility to adjust to actual TD
20	39.63	783.66		To Day
21	40.1	823.76		flexibility to adjust to actual TD Trailer# 932900
22	38.9	862.66	•	James
23	38.57	901.23		
24	39.27	940.5		1 20000 1 1/100
25	40.07	980.57		Carsed land
26	40.1	1020.67	7	
27	38.42	1059.09		1.006:03
28	5.19	1064.28		
29	5.2	1069.48		Carry Talky 1,006.07 Centralizers
30	10.1	1079.58		1-11-12-18
31	10.2	1089.78		CATICALICE
				1 3 Tank
				201010
				- 1st Joint - Then every 5th Joint to Surface
				JUINT TO SULFACE
				V
	,			

PostRock Energy Corp.
Log Bottom- 908'

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

April 11, 2013

CLARK EDWARDS
PostRock Midcontinent Production LLC
Oklahoma Tower
210 Park Ave, Ste 2750
OKLAHOMA CITY, OK 73102

Re: ACO1 API 15-205-28075-00-00 HARDIN, B 27-3 NW/4 Sec.27-28S-17E Wilson 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, CLARK EDWARDS