

Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

New Well  Re-Entry  Workover

Oil  WSW  SWD

Gas  DH  EOR

OG  GSW

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 EOR  Conv. to SWD  
 Plug Back  Liner  Conv. to GSW  Conv. to Producer

Commingled Permit #: \_\_\_\_\_

Dual Completion Permit #: \_\_\_\_\_

SWD Permit #: \_\_\_\_\_

EOR Permit #: \_\_\_\_\_

GSW Permit #: \_\_\_\_\_

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27  NAD83  WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

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.

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: \_\_\_\_\_ 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: \_\_\_\_\_

Confidential Release Date: \_\_\_\_\_

Wireline Log Received  Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**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](mailto: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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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24 S. Gold  
Paola, KS 66071

Allen's Holdings & Investments  
Oil & Gas Well Drilling  
Water Wells  
Geo-Loop Installation

Phone: 913-557-9083  
Fax: 913-557-9084

**WELL LOG**  
Justin Energy Corp  
North Hoehn #10  
API # 15-059-27280-00-00  
March 30 - March 31 2021

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
8	soil & clay	8
21	lime	29
6	shale	35
14	lime	49
3	shale	52
16	lime	68
34	shale	102
19	lime	121
1	shale	122
3	lime	125
5	shale	130
7	lime	137
69	shale	206
20	lime	226
26	shale	252
5	lime	257
29	shale	286
6	lime	292
24	shale	316
23	lime	339
8	shale	347
21	lime	368
4	shale	372 Black
11	lime	383 BKC
114	shale	497
4	silty shale	501
25	shale	526
1	lime	527
1	shale	528
11	lime	539
6	shale	545
8	sand	553 grey & green sand few thin lime streaks
4	oil sand	557 light brown ok bleed
21	shale	578
2	coal	580
6	shale	586

4	lime	590
15	shale	605
3	lime	608
2	shale	610
1	coal	611
4	shale	615
5	lime	620
9	shale	629
1	lime	630
8	shale	638 white hard oil odor
1	lime	639 soft brown lime ok bleed
1	lime	640 brown light oil show
1	lime	641 brown no show
1	lime	642
6	shale	648
1	lime	649
3	silty shale	652 CP
1	silty shale	653
1.5	broken sand	654.5 40% brown sand 60% shale ok bleed
1	oil sand	655.5 brown ok bleed gassy
4	silty shale	659.5
1	broken sand	660.5 90% brown 10% shale ok bleed
0.5	lime	661
1	oil sand	662 brown
5.5	broken sand	667.5 50% brokwn sand 50% shale, ok bleed
29.5	shale	697
1	lime & shells	698
12	shale	710 TD

Drilled a 9 7/8" hole to 21.6'

Drilled a 5 5/8" hole to 710'

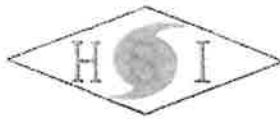
Set 21.6' of 7" surface casing cemented with 6 sacks of cement.

Set 699' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, 1 clamp

Dug 1 pit

Cored 652'-691'

Core Times		
	<u>Minutes</u>	<u>Seconds</u>
652		52
653		46
654		51
655		45
656		42
657		47
658		47
659		42
660	1	32
661	1	12
662		44
663		44
664		44
665		47
666		57
667		46
668		50
669		49
670		53
671		57
672	1	2
673		54
674		55
675		52
676		50
677		45
678		57
679		53
680		55
681	1	4
682		53
683		57
684		43
685		50
686		50
687		53
688		52
689		50
690		44
691	1	23



**CEMENT TREATMENT REPORT**

Customer:	Justin Energy	Well:	North Hoehn 10	Ticket:	EP1586
City, State:	Wellsville, KS	County:	FR, KS	Date:	3/31/2021
Field Rep:	Justin Hoehn	S-T-R:	20-16-21	Service:	longstring

Downhole Information	
Hole Size:	5 5/8 in
Hole Depth:	710 ft
Casing Size:	2 7/8 in
Casing Depth:	699 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	
Tool Depth:	ft
Displacement:	4.05 bbls

Calculated Slurry - Lead	
Blend:	50/50/2 1/2# PS
Weight:	14.25 ppg
Water / Sk:	5.63 gal / sk
Yield:	1.24 ft <sup>3</sup> / sk
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0.0 bbls
Excess:	
Total Slurry:	20.76 bbls
Total Sacks:	94 sk

Calculated Slurry - Tail	
Blend:	
Weight:	ppg
Water / Sk:	gal / sk
Yield:	ft <sup>3</sup> / sk
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0 bbls
Excess:	
Total Slurry:	0.0 bbls
Total Sacks:	0 sk

TIME	RATE	PSI	BBLs	TOTAL BBLs	REMARKS
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2:30 PM			-	-	on location, held safety meeting
	4.0			-	established circulation
	4.0			-	mixed and pumped 200# Bentonite Gel followed by 3 bbls fresh water
	4.0			-	mixed and pumped 94 sks 50/50/2 Pozmix cement with 1/2# PhenoSeal per sk, cement to surface
	4.0			-	flushed pump clean
	1.0			-	pumped 2 7/8" rubber plug to casing TD with 4.05 bbls fresh water
	1.0			-	pressured to 800 PSI, well held pressure
				-	released pressure to set float valve
	4.0			-	washed up equipment

CREW	UNIT	SUMMARY		
		Average Rate	Average Pressure	Total Fluid
Cement:	Casey Kennedy	89		
Pump Operator:	Mark Foltz	238		
Bulk:	Alan Mader	248		
H2O:	Pat Sanborn	111		
			3.1 bpm	- psi
				- bbls