

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)*

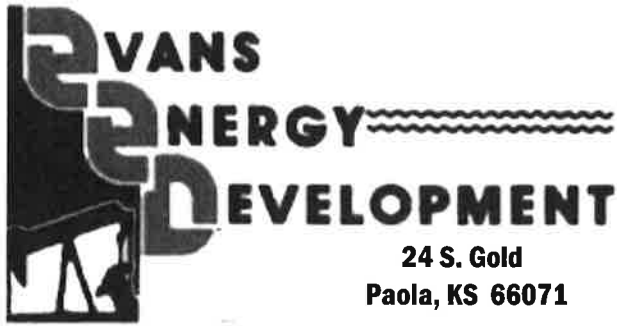
Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water 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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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 Corporation  
 North Hoehn #16  
 API #15-059-27253-00-00  
 January 21, 2020- January 22, 2020

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
6	soil & clay	6
2	broken lime	8
10	lime	18
7	shale	25
11	lime	36
5	shale	41
16	lime	57
33	shale	90
22	lime	112
69	shale	181
31	lime	212
23	shale	235
6	lime	241
15	shale	256
2	lime	258
3	shale	261
2	broken sand	263 light bleed
8	shale	271
5	lime	276
8	shale	284
2	lime	286
14	shale	300
9	lime	309
9	shale	318
4	lime	322
8	shale	330
22	lime	352
4	shale	356
5	lime	361
2	shale	363
5	lime	368 BKC/Hertha
113	shale	481
2	broken sand	483 brown sand & shale light bleed
32	shale	515
6	lime	521
4	shale	525
2	lime	527
6	oil sand	533 light brown sand light bleed
4	limy sand	537 hard no show

5	oil sand	542 light brown sand light bleed
20	shale	562
1	coal	563
4	shale	567
6	lime	573
16	shale	589
2	lime	591
3	shale	594
1	coal	595
5	shale	600
7	lime	607
5	shale	612
1	lime	613
6	shale	619
1	lime	620 hard white lime no show
2	shale	622 black
2	lime	624 soft brown lime ok bleed
1	lime	625 hard minimal show
11	shale	636 CP
2	silty shale	638
3	broken sand	641 70% light brown sand 30% shale ok bleed
1	lime	642 no show
0.5	oil sand	642.5 brown sand light show
2	limy sand	644.5 white no show
1	oil sand	645.5 brown sand thin lime laminations
4	broken sand	649.5 40% brown sand 60% shale light bleed
1.5	broken sand	651 15% brown sand 85% shale light bleed
33	shale	684 TD

Drilled a 9 7/8" hole to 22.4'  
 Drilled a 5 5/8" hole to 684'

Set 22.4' of 7" surface casing threaded and coupled, cemented with 5 sacks cement.

Set 673' of new 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, 1 clamp

40' Cored 636'-675'

Dug 1 pit

## Core Sample

	Min.	Sec.
636		50
637		42
638	1	3
639		42
640		46
641	2	9
642	2	20
643	3	0
644		58
645	1	23
646		45
647		47
648		51
649		54
650	1	0
651		42
652		52
653		50
654	1	0
655		56
656		55
657		51
658		46
659		52
660		45
661		55
662		49
663		45
664		54
665	1	2
666		50
667	1	0
668		59
669	1	2
670	1	5
671		56
672		58
673		57
674	1	10
675		41



**CEMENT TREATMENT REPORT**

<b>Customer:</b> Justin Energy Corporation	<b>Well:</b> North Hoehn #16	<b>Ticket:</b> ICT3029
<b>City, State:</b> Wellsville, KS	<b>County:</b> FR, KS	<b>Date:</b> 1/22/2020
<b>Field Rep:</b> Justin Hoehn	<b>S-T-R:</b> 20-16-21	<b>Service:</b> longstring

<b>Downhole Information</b>	<b>Calculated Slurry</b>	<b>Product</b> % / #      #
Hole Size: 5 5/8 in	Weight: 14.25 # / sx	Class A
Hole Depth: 684 ft	Water / Sx: gal / sx	Poz
Casing Size: 2 7/8 in	Yield: ft <sup>3</sup> / sx	Gel
Casing Depth: 673.5 ft	Bbls / Ft.:	CaCl
Tubing / Liner: in	Depth: ft	Gypsum
Depth: ft	Annular Volume: 0 bbls	Phenoseal
Tool / Packer:	Excess:	Kol Seal
Depth: ft	Total Slurry: 0.00 bbls	Flo Seal
Displacement: 3.90 bbls	Total Sacks: #DIV/0! sx	Salt (bwow)
		<b>Total</b> -

TIME	RATE	PSI	BBLs	REMARKS
3:30 PM	4.0			established circulation
	4.0			mixed and pumped 200# bentonite gel to flush hole
	4.0			mixed and pumped 87 sks 50/50 Pozmix cement w/ 2% gel per sk
				cement to surface
	4.0			flushed pump clean
	1.0			pumped 2 7/8" rubber plug to casing TD w/ 3.90 bbls fresh water
				pressured to 800 PSI, released pressure to set float valve
	4.0			washed up equipment

CREW			UNIT	SUMMARY		
Cementer:	Casey Kennedy		89	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Harold Bechtle		238	3.5 bpm	#DIV/0! psi	- bbls
Bulk:	Alan Mader		246			
H2O:	Keith Detwiler		124			