12 Form ACO-1

Confidentiality Requested: Yes No

## Kansas Corporation Commission Oil & Gas Conservation Division

1266694

November 2016 Form must be Typed Form must be Signed All blanks must be Filled

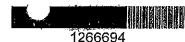
## **WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # 35144	APJ No.: 15-051-26782-00-00
Name: Cynosure Energy, LLC	Spot Description:
Address 1: 1125 17TH ST, STE. 410	SW-SW-SE-NW Sec. 1 Twp. 15 S. R. 20 East W West
Address 2:	2540 Feet from North / South Line of Section
City: DENVER State: CO Zip: 80202 +	1400 Feet from East / West Line of Section
Contact Person: Deb Smith	Footages Calculated from Nearest Outside Section Corner:
720 . 476-3678	□ NE ☑NW □ SE □ SW
Phone: (120 ) The solution of	
Dullo Dvillino Co. Jan	GPS Location: Lat:, Long:
freelin Onder	Datum: NAD27 NAD83 WGS84
Coffee de Commune	County: Ellis
	Lease Name: Wann Farms Well #: 1-1-15-20
Designate Type of Completion:	Field Name:
✓ New Well ☐ Re-Entry ☐ Workover	Producing Formation: Cherokee
☑ OII ☐ WSW ☐ SWD	Elevation: Ground: 2053 Kelly Bushing: 2060
Gas DH EOR	Total Vertical Depth: 3800 Plug Back Total Depth:
☐ oc ☐ csw	Amount of Surface Pipe Set and Cemented at: 1310 Feet
CM (Coal Bed Methane)	
Cathodic Other (Core. Expl., etc.):	Multiple Stage Cementing Collar Used? ☐ Yes MNo
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cml.
Original Comp. Date: Original Total Depth:	
☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD	Drilling Fluid Management Plan
Plug Back Liner Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
	Chloride content: 92000 ppm Fluid volume: 700 bbls
Commingled Permit #:	Dewatering method used: Evaporated
Dual Completion	t and the of the late of the standard off the standard of
EOR Permit #:	Location of fluld disposal if hauled offsite:
GSW Permit #:	Operator Name:
•	Lease Name: License #:
07/06/2015         07/14/2015         08/20/2015           Spud Date or         Date Reached TD         Completion Date or	QuarterSecTwpS. R East West
Spud Date or Date Reached TD Completion Date or Recompletion Date	County: Permit #:
	KANSAS CORPORATION COMMISSION
	DFC 44 page
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Submitted Electronically

KCC Office Use ONITY   WALL
Confidentiality Requested Oate: 10/21/2015
Confidential Release Date: 10/20/2017
Wireline Log Received Drill Stem Tests Received
Geologist Report / Mud Logs Received
UIC Distribution
ALT 1 II III Approved by: MADAII JAMES Date: 10/22/2015

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Operator Name: Cynosure Energy, LLC Wann Farms \_ Well #: \_\_1-1-15-20 \_\_\_ Lease Name: County: Ellis 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 ✓ Yes No ✓ Log Formation (Top), Depth and Datum ☐ Sample (Attach Additional Sheets) Name Attached Datum Attached Samples Sent to Geological Survey ✓ Yes No Cores Taken ☐ Yes W No Electric Log Run ✓ Yes ☐ No Received KANSAS CORPORATION COMMISSION Geolgist Report / Mud Logs Yes No List All E. Logs Run: DEC 1 4 2018 Attached -CONSERVATION DIVISION WICHITA, KS CASING RECORD New Used Report all strings set-conductor, surface, intermediate, production, etc. Size Hale Weight Lbs. / Ft Setting # Sacks Type and Percent Type of Purpose of String Surface 12.25 24.0 8.625 1310 470 3%cc 2%gel Common Production 7.875 5.50 15.50 3785 Common 150 10% salt ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Depth # Sacks Used Type of Cement Type and Percent Additives Top Bottom Perforate Protect Casing 3715-3716 Common w/2%cc 2%cc, Squeeze to shut off water Plug Back TD ✓ Plug Off Zone 1. Did you perform a hydraulic fracturing treatment on this well? Yes No (If No, skip guestions 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/ Producing Method: Injection: 0/9/10/2015 Flowing Pumping . 🔲 Gas Lift Other (Explain) Estimated Production Oil Rhis Water Gas Mcf Bbls. Gas-Oil Ratio Gravity Per 24 Hours 0 200 31 DISPOSITION OF GAS: METHOD OF COMPLETION: PRODUCTION INTERVAL: Bottom Vented Sold Used on Lease Perf. Dually Comp. Open Hole Commingled Cherokee (Submit ACO-5) (Submit ACO-4) (If vented, Submit ACO-18.) 3700-3703 Shols Per Perforation Perforation **Bridge Plug** Bridge Plug Acid, Fracture, Shot, Cementing Squeeze Record Bottom Top Type 6 7/2% INS Acid with 2% Matual Solvat 3715 3716 7/2% INS Acid with 2% Mutual Solvent 3700 3703 TUBING RECORD: Size Set At: Packer At: 2.875 3676 n/a