KOLAR Document ID: 1453819

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form CP-111
July 2017
Form must be Typed
Form must be signed
All blanks must be complete

TEMPORARY ABANDONMENT WELL APPLICATION

OPERATOR: License# 32446
Name: Merit Energy Company, LLC
Address 1: 13727 Noel Road, Suite 1200
Address 2:
City: Dallas State: TX Zip: 75240 + ____
Contact Person: Katherine McClurkan
Phone: (972) 628-1660
Contact Person Email: Kathy.mcclurkan@meritenergy.com
Field Contact Person: Ryan Rice
Field Contact Person Phone: (620) 952-0588

API No. 15- 15-067-21515-00-00
Spot Description:
W2 NE SE NW Sec. 12 Twp. 30 S. R. 35 ☐ E ☑ W
1650 feet from ☑ N / ☐ S Line of Section
2177 feet from ☐ E / ☑ W Line of Section
GPS Location: Lat: 37.455923 (e.g. xx.xxxxx) , Long: -101.100037 (e.g. -xxx.xxxxx)
Datum: ☐ NAD27 ☑ NAD83 ☐ WGS84
County: Grant Elevation: 3002 ☑ GL ☐ KB
Lease Name: HJV Harper A Well #: 3
Well Type: *(check one)* ☑ Oil ☐ Gas ☐ OG ☐ WSW ☐ Other:
☐ SWD Permit #: ☐ ENHR Permit #:
☐ Gas Storage Permit #:
Spud Date: 02/08/2003 Date Shut-In: 12/1/2013

	Conductor	Surface	Production	Intermediate	Liner	Tubing
Size	N/A	8.6250	5.5	N/A	N/A	2.8750
Setting Depth		1779	5700			5364
Amount of Cement		540	175			N/A
Top of Cement		0	4756			N/A
Bottom of Cement		1779	5700			N/A

Casing Fluid Level from Surface: 2376 How Determined? Echometer Date: 03/07/2019
Casing Squeeze(s): ____ (top) to ____ (bottom) w / ____ sacks of cement, ____ (top) to ____ (bottom) w / ____ sacks of cement. Date:
Do you have a valid Oil & Gas Lease? ☑ Yes ☐ No
Depth and Type: ☐ Junk in Hole at ____ (depth) ☐ Tools in Hole at ____ (depth) Casing Leaks: ☐ Yes ☐ No Depth of casing leak(s):
Type Completion: ☑ ALT. I ☐ ALT. II Depth of: ☐ DV Tool: ____ (depth) w / ____ sacks of cement ☐ Port Collar: ____ (depth) w / ____ sack of cement
Packer Type: Size: Inch Set at: Feet
Total Depth: 5700 Plug Back Depth: 5504 Plug Back Method: cmt

Geological Date:

Formation Name	Formation Top	Formation Base	Completion Information
1. Morrow	At:	to Feet	Perforation Interval 5306 to 5320 Feet or Open Hole Interval ____ to ____ Feet
2.	At:	to Feet	Perforation Interval ____ to ____ Feet or Open Hole Interval ____ to ____ Feet

UNDER PENALTY OF PERJURY I HEREBY ATTEST THAT THE INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE

Submitted Electronically

***Do NOT Write in This Space* - KCC USE ONLY**

Date Tested:	Results:	Date Plugged:	Date Repaired:	Date Put Back in Service:

Review Completed by: Michael Maier Comments:
TA Approved: ☑ Yes ☐ Denied Date: 03/12/2019

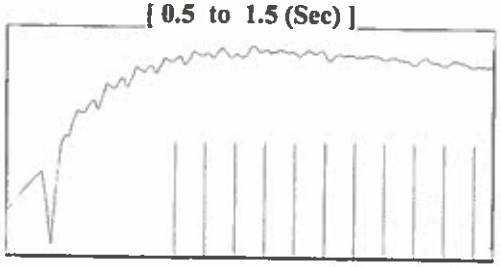
Mail to the Appropriate KCC Conservation Office:

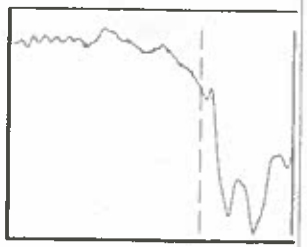
KCC District Office #1 - 210 E. Frontview, Suite A, Dodge City, KS 67801	Phone 620.682.7933
KCC District Office #2 - 3450 N. Rock Road, Building 600, Suite 601, Wichita, KS 67226	Phone 316.337.7400
KCC District Office #3 - 137 E. 21st St., Chanute, KS 66720	Phone 620.902.6450
KCC District Office #4 - 2301 E. 13th Street, Hays, KS 67601-2651	Phone 785.261.6250

Group: Merit Energy Company-Ulysses Well: HJV Harper A-3 (acquired on: 03/07/19 13:48:51)

Filter Type High Pass
Manual Acoustic Velo 1032.57 ft/s
Automatic Collar Count Yes
Manual JTS/sec 16.2866
Time 4.435 sec
Joints 74.9453 Jts
Depth 2375.77 ft

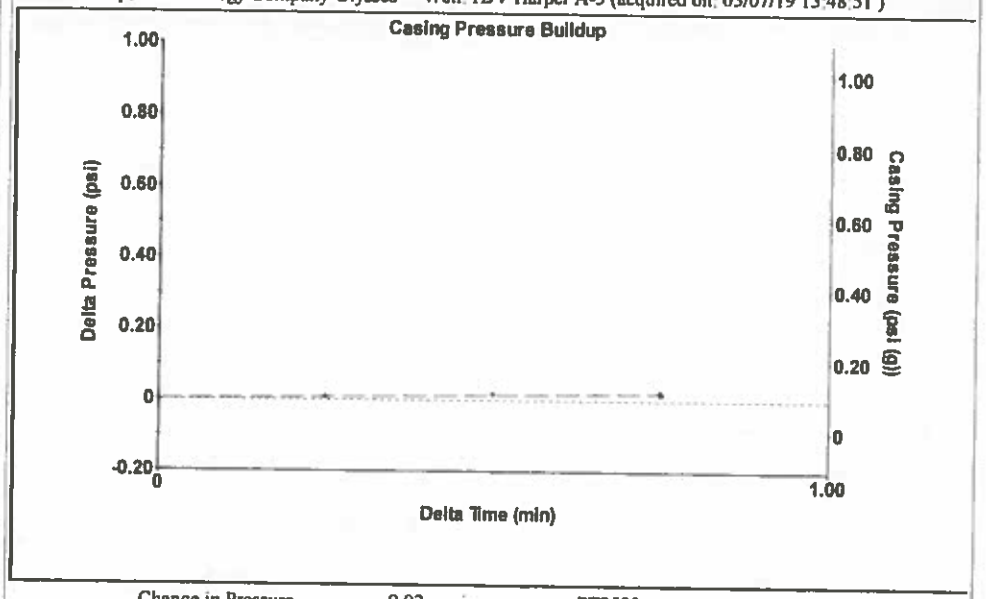
[0.5 to 1.5 (Sec)]





Analysis Method: Automatic

Group: Merit Energy Company-Ulysses Well: HJV Harper A-3 (acquired on: 03/07/19 13:48:51)



Change in Pressure 0.02 psi
Change in Time 0.75 min
PT9522
Range 0 - ? psi

Production

	Current	Potential	
Oil	- * -	- * -	BBL/D
Water	- * -	- * -	BBL/D
Gas	- * -	- * -	Mscf/D

IPR Method Vogel
PBHP/SBHP - * -
Production Efficiency 0.0

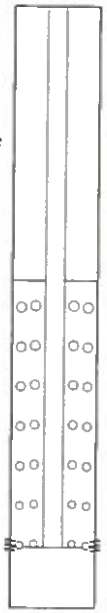
Oil 40 deg.API
Water 1.05 Sp.Gr.H2O
Gas 0.90 Sp.Gr.AIR

Acoustic Velocity 1071.37 ft/s

Casing Pressure
0.1 psi (g)
Casing Pressure Buildup
0.022 psi
0.75 min
Gas/Liquid Interface Pressure
1.2 psi (g)

Liquid Level Depth
2375.77 ft

Pump Intake Depth
5340.00 ft
Formation Depth
5320.00 ft



Producing

Annular Gas Flow
1 Mscf/D
% Liquid
99 %

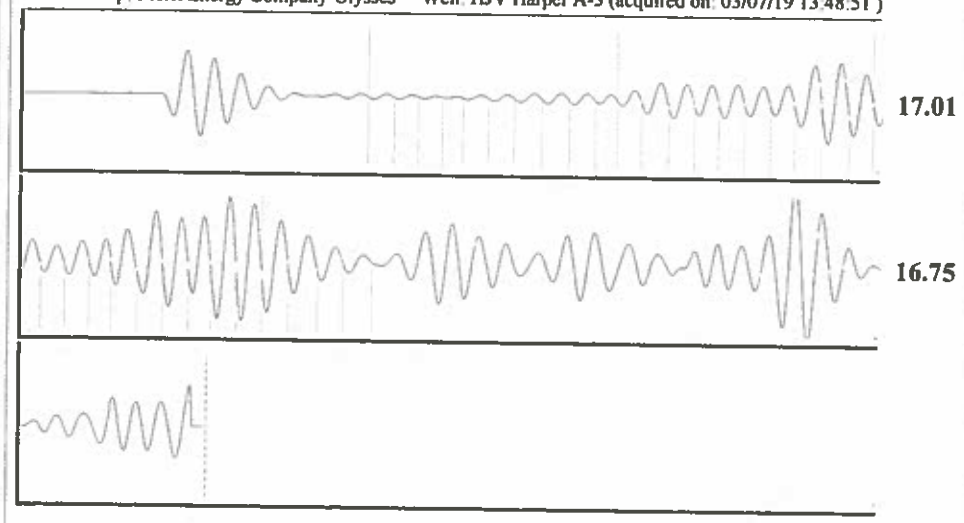
Pump Intake
965.3 psi (g)
Producing BHP
959.2 psi (g)
Static BHP
- * - psi (g)

Formation Submergence
Total Gaseous Liquid Column HT (TVD) 2964 ft
Equivalent Gas Free Liquid HT (TVD) 2936 ft

Acoustic Test

Tim Frydendall-Fluid Level Technician

Group: Merit Energy Company-Ulysses Well: HJV Harper A-3 (acquired on: 03/07/19 13:48:51)



Acoustic Velocity	1071.37	ft/s	Joints counted	34	
Joints Per Second	16.8986	jts/sec	Joints to liquid level	74.9453	
Depth to liquid level	2375.77	ft	Filter Width	14.2866	18.2866
Automatic Collar Count	Yes		Time to 1st Collar	0.804	2.816

Conservation Division
District Office No. 1
210 E. Frontview, Suite A
Dodge City, KS 67801

Kansas
Corporation Commission

Phone: 620-682-7933
http://kcc.ks.gov/

Dwight D. Keen, Chair
Shari Feist Albrecht, Commissioner
Jay Scott Emler, Commissioner

Laura Kelly, Governor

March 12, 2019

Katherine McClurkan
Merit Energy Company, LLC
13727 Noel Road, Suite 1200
Dallas, TX 75240

Re: Temporary Abandonment
API 15-067-21515-00-00
HJV Harper A 3
NW/4 Sec.12-30S-35W
Grant County, Kansas

Dear Katherine McClurkan:

"Your temporary abandonment (TA) application for the well listed above has been approved. In accordance with K.A.R. 82-3-111 the TA status of this well will expire 03/12/2020.

* If you return this well to service or plug it, please notify the District Office.

* If you sell this well you are required to file a Transfer of Operator form, T-1.

* If the well will remain temporarily abandoned, you must submit a new TA application, CP-111, before 03/12/2020.

You may contact me at the number above if you have questions.

Very truly yours,

Michael Maier"