KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1325234

Form CP-111
Oct 2016
Form must be Typed
Form must be signed
All blanks must be complete

TEMPORARY ABANDONMENT WELL APPLICATION

OPERATOR: License# 33999
Name: Linn Operating, Inc.
Address 1: 600 TRAVIS STE 5100
Address 2:
City: HOUSTON State: TX Zip: 77002 + 3018
Contact Person: Shawn Hildreth
Phone: (281) 840-4234
Contact Person Email: shildreth@linnenergy.com
Field Contact Person: Kory Lira
Field Contact Person Phone: (620) 356-7529

API No. 15- 15-067-21201-00-00
Spot Description:
__ - __ - N2 - SW Sec. 25 Twp. 30 S. R. 35 ☐ E ☑ W
1980 feet from ☐ N / ☑ S Line of Section
3960 feet from ☑ E / ☐ W Line of Section
GPS Location: Lat: (e.g. xx.xxxxx) , Long: (e.g. -xxx.xxxxx)
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Grant Elevation: ☐ GL ☐ KB
Lease Name: MLP WATSON A Well #: 1
Well Type: *(check one)* ☑ Oil ☐ Gas ☐ OG ☐ WSW ☐ Other:
☐ SWD Permit #: ☐ ENHR Permit #:
☐ Gas Storage Permit #:
Spud Date: 10/01/1992 Date Shut-In: 8/1/2010

	Conductor	Surface	Production	Intermediate	Liner	Tubing
Size	20	8.625	5.5	NA	NA	NA
Setting Depth	80	1663	5749			
Amount of Cement	0	700	895			
Top of Cement	0	0	1663			
Bottom of Cement	0	1663	5750			

Casing Fluid Level from Surface: 2944 How Determined? Echometer Date: 12/21/2016
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: 5750 Plug Back Depth: Plug Back Method:

Geological Date:

Formation Name	Formation Top	Formation Base	Completion Information
1. CHST SD	At:	to Feet	Perforation Interval 5508 to 5646 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

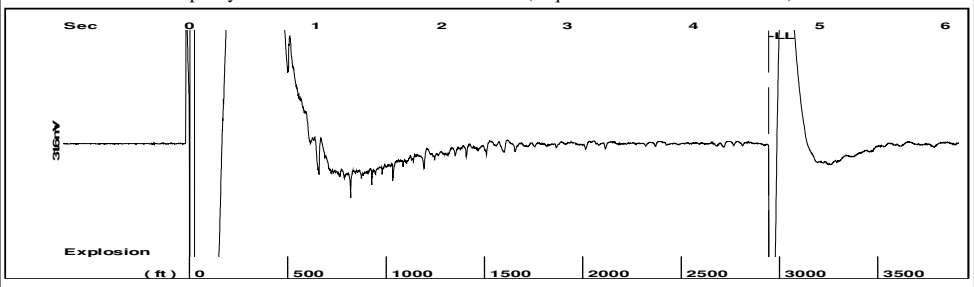
Submitted Electronically

***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: 12/27/2016

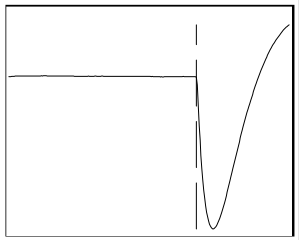
Mail to the Appropriate KCC Conservation Office:

KCC District Office #1 - 210 E. Frontview, Suite A, Dodge City, KS 67801	Phone 620.225.8888
KCC District Office #2 - 3450 N. Rock Road, Building 600, Suite 601, Wichita, KS 67226	Phone 316.337.7400
KCC District Office #3 - 1500 SW Seventh Steet, Chanute, KS 66720	Phone 620.432.2300
KCC District Office #4 - 2301 E. 13th Street, Hays, KS 67601-2651	Phone 785.625.0550

Group: MyWells Well: MLP WATSON A-1 (acquired on: 12/20/16 16:16:52)



Time	4.597	sec
Joints	92.8712	Jts
Depth	2944.02	ft



Liquid level calculated with
user supplied Acoustic Velocity

Acoustic Velocity 1280.84 ft/s

Analysis Method: Acoustic Velocity

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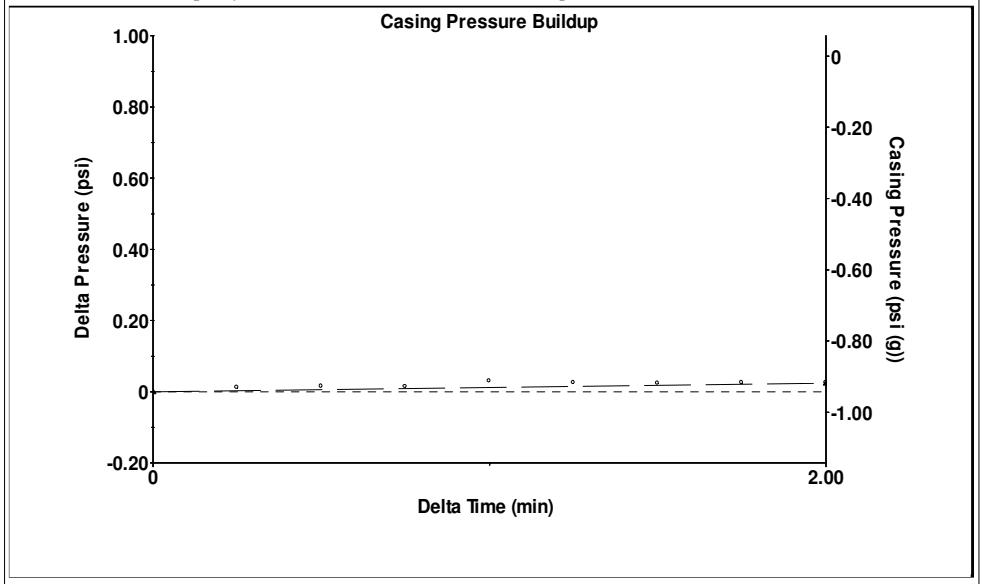


Change in Pressure	0.02	psi	PT12896	
			Range	0 - ? psi
Change in Time	2.00	min		

Group: MyWells Well: MLP WATSON A-1 (acquired on: 12/20/16 16:16:52)

Production

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

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

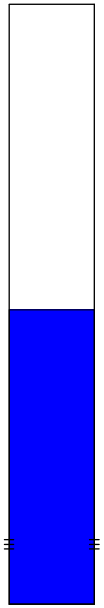
Oil 40 deg.API
Water 1.05 Sp.Gr.H2O
Gas 0.73 Sp.Gr.AIR

Acoustic Velocity 1280.84 ft/s

Casing Pressure
-0.9 psi (g)
Casing Pressure Buildup
0.024 psi
2.00 min
Gas/Liquid Interface Pressure
0.1 psi (g)

Liquid Level Depth
2944.02 ft

Tubing Intake Depth
- * - ft
Formation Depth
5750.00 ft



Static

Oil Column Height
MD - * - ft

Water Column Height
MD - * - ft

Static BHP
1275.8 psi (g)

Acoustic Test 550#

Group: MyWells Well: MLP WATSON A-1 (acquired on: 12/20/16 16:16:52)

Entered Acoustic Velocity for Liquid Level depth determination

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

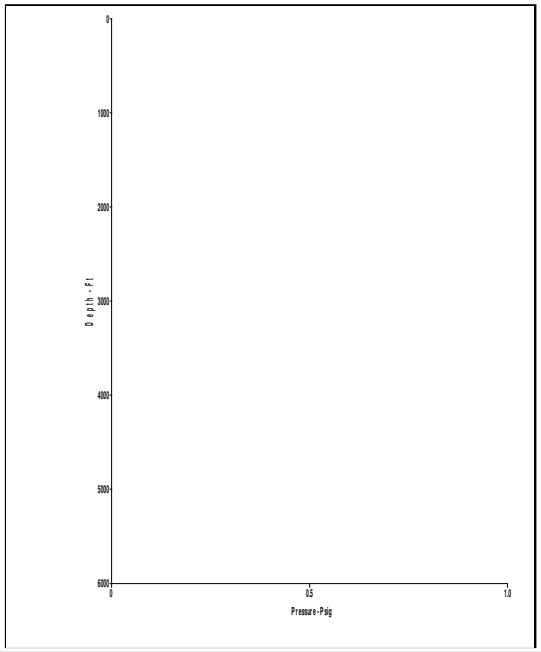
Based on SBHP 1275.8 psi (g)

IPR Method Vogel

Calculation for Continous Removal of Liquids
Method:
Turner Critical Velocity for Gas Wells
For Tubing ID: 2.441 in
For Water: Mscf/D
For Condensate: Mscf/D

Back Pressure on Formation
Due To Liquid Loading: Mscf/D

Tubing ID in	Gas Rate Mscf/D	Predicted Status
2.441		
1.995		
1.500		
1.250		
1.000		



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

Kansas
Corporation Commission

Phone: 620-225-8888
Fax: 620-225-8885
http://kcc.ks.gov/

December 27, 2016

Shawn Hildreth
Linn Operating, Inc.
600 TRAVIS STE 5100
HOUSTON, TX 77002-3018

Re: Temporary Abandonment
API 15-067-21201-00-00
MLP WATSON A 1
SW/4 Sec.25-30S-35W
Grant County, Kansas

Dear Shawn Hildreth:

"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 12/27/2017.

* 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 12/27/2017.

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

Very truly yours,

Michael Maier"