KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1264258

Form CP-111
June 2011
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: Fred Munier
Field Contact Person Phone: (620) 356-7003

API No. 15- 15-093-20721-00-00
Spot Description:
__ - NE - NE - SW Sec. 14 Twp. 25 S. R. 35 ☐ E ☑ W
2518 feet from ☐ N / ☑ S Line of Section
2936 feet from ☑ E / ☐ W Line of Section
GPS Location: Lat: (e.g. xx.xxxxx) , Long: (e.g. -xxx.xxxxx)
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Kearny Elevation: ☐ GL ☐ KB
Lease Name: ORRA DEAN UNIT Well #: 2
Well Type: *(check one)* ☐ Oil ☑ Gas ☐ OG ☐ WSW ☐ Other:
☐ SWD Permit #: ☐ ENHR Permit #:
☐ Gas Storage Permit #:
Spud Date: 01/27/1981 Date Shut-In: 2005

	Conductor	Surface	Production	Intermediate	Liner	Tubing
Size	NA	8.625	5.5	NA	NA	NA
Setting Depth		770	3000			
Amount of Cement		350	650			
Top of Cement		0	NA			
Bottom of Cement		770	3000			

Casing Fluid Level from Surface: 1421 How Determined? Acoustic Date: 9/10/2015
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: 3000 Plug Back Depth: 2969 Plug Back Method: Float Collar

Geological Date:

Formation Name	Formation Top	Formation Base	Completion Information
1. Council Grove	At: 2748	to 2806 Feet	Perforation Interval 2748 to 2806 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

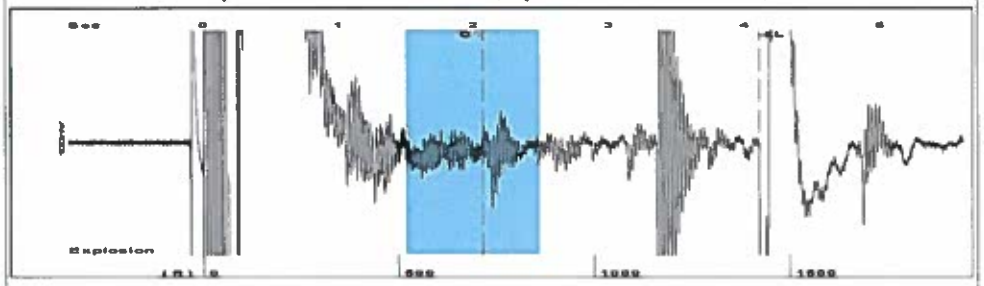
Submitted Electronically

***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: 09/22/2015

Mail to the Appropriate KCC Conservation Office:

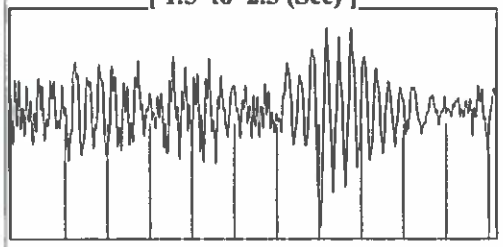
KCC District Office #1 - 210 E. Frontview, Suite A, Dodge City, KS 67801	Phone 620.225.8888
KCC District Office #2 / UPGS - 3450 N. Rock Road, Building 600, Suite 601, Wichita, KS 67226	Phone 316.630.4000
KCC District Office #3 - 1500 SW Seventh Steet, Chanute, KS 66720	Phone 620.432.2300
KCC District Office #4 - 2301 E. 13th Street, Hays, KS 67601-2651	Phone 785.625.0550

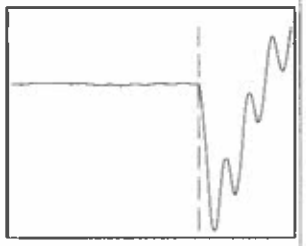
Group: XTO Well: ORRA DEAN 2 (acquired on: 09/10/15 10:50:20)



Filter Type	High Pass	Automatic Collar Count	Yes	Time	4.109 sec
Manual Acoustic Velo	727.064 ft/s	Manual JTS/sec	11.4679	Joints	44.8403 Jts
				Depth	1421.44 ft

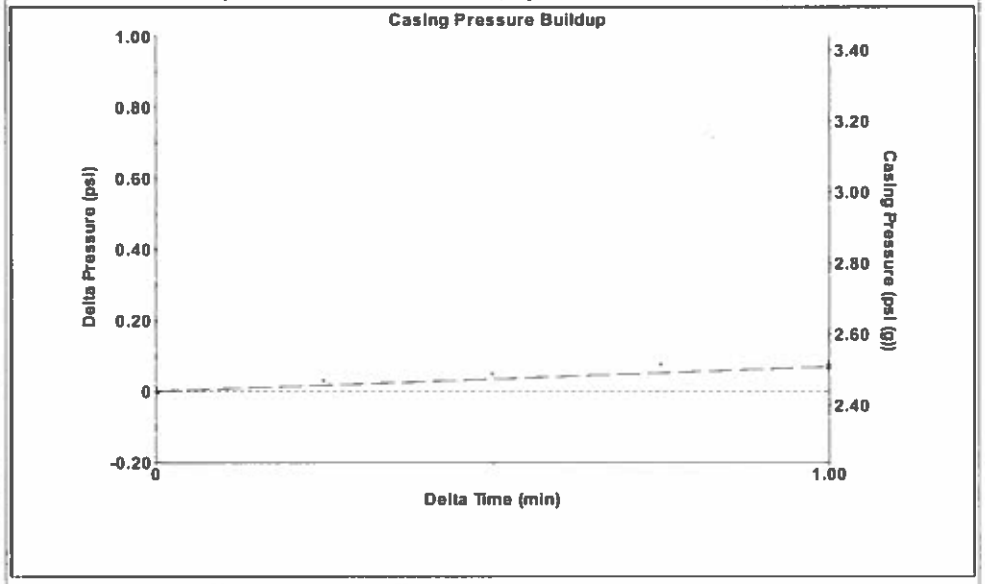
[1.5 to 2.5 (Sec)]





Analysis Method: Automatic

Group: XTO Well: ORRA DEAN 2 (acquired on: 09/10/15 10:50:20)



Change in Pressure	0.07 psi	PT4009	
		Range	0 - ? psi
Change in Time	1.00 min		

Group: XTO Well: ORRA DEAN 2 (acquired on: 09/10/15 10:50:20)

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	1.26	Sp.Gr.AIR

Acoustic Velocity 691.865 ft/s

Formation Submergence
Total Gaseous Liquid Column HT (TVD) 1385 ft
Equivalent Gas Free Liquid HT (TVD) 1343 ft

Acoustic Test

Casing Pressure
2.4 psi (g)
Casing Pressure Buildup
0.069 psi
1.00 min
Gas/Liquid Interface Pressure
3.5 psi (g)
Liquid Level Depth
1421.44 ft
Pump Intake Depth
- * - ft
Formation Depth
2806.00 ft

Producing

Annular Gas Flow
- * - Mscf/D
% Liquid
97 %

Pump Intake
- * - psi (g)
Producing BHP
614.6 psi (g)
Static BHP
- * - psi (g)

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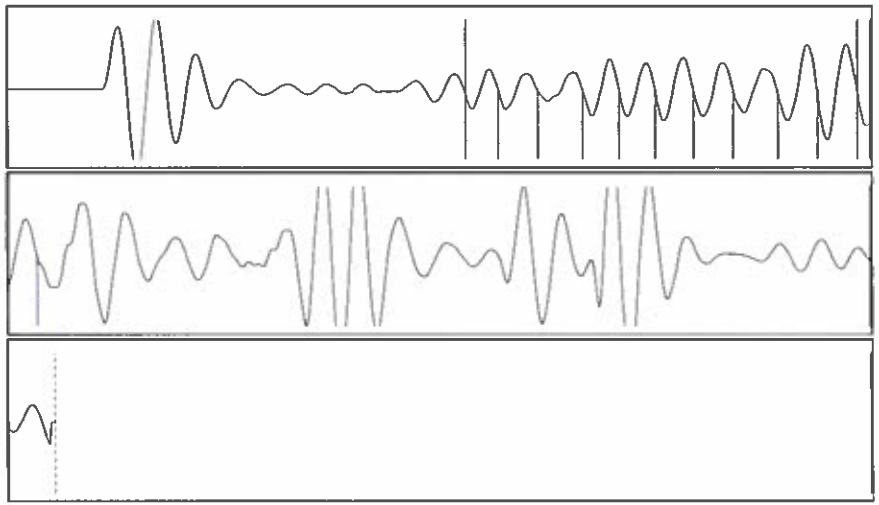

Acoustic Velocity	691.865	ft/s	Joints counted	11	
Joints Per Second	10.9127	jts/sec	Joints to liquid level	44.8403	
Depth to liquid level	1421.44	ft	Filter Width	9.46789	13.4679
Automatic Collar Count	Yes		Time to 1st Collar	1.06	2.068

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/

September 22, 2015

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

Re: Temporary Abandonment
API 15-093-20721-00-00
ORRA DEAN UNIT 2
SW/4 Sec.14-25S-35W
Kearny County, Kansas

Dear Shawn Hildreth:

Your application for Temporary Abandonment (TA) of the above-listed well is denied for the following reasons(s):

Shut-in Over 10 years

In accordance with K.A.R. 82-3-111, this well must be plugged or returned to service by October 22, 2015.

You may file an application for an exception to the 10-year limitation in K.A.R. 82-3-111 to demonstrate why it is necessary to TA the above well for more than (10) years. You must notify the Commission in writting no later than October 22, 2015 of your intention to file the application, and your complete application is due November 21, 2015. All applications and written notifications must be sent to the attention of the Executive Director at the Kansas Corporation Commission Conservation Division at 130 South Market, Room 2078, Wichita, Kansas 67202.

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

Sincerely,

Michael Maier