

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

TEMPORARY ABANDONMENT WELL APPLICATION

OPERATOR: License# _____
 Name: _____
 Address 1: _____
 Address 2: _____
 City: _____ State: _____ Zip: _____ + _____
 Contact Person: _____
 Phone: (_____) _____
 Contact Person Email: _____
 Field Contact Person: _____
 Field Contact Person Phone: (_____) _____

API No. 15- _____
 Spot Description: _____
 _____ - _____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ E W
 _____ feet from N / S Line of Section
 _____ feet from E / W Line of Section
 GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)
 Datum: NAD27 NAD83 WGS84
 County: _____ Elevation: _____ GL KB
 Lease Name: _____ Well #: _____
 Well Type: (check one) Oil Gas OG WSW Other: _____
 SWD Permit #: _____ ENHR Permit #: _____
 Gas Storage Permit #: _____
 Spud Date: _____ Date Shut-In: _____

	Conductor	Surface	Production	Intermediate	Liner	Tubing
Size						
Setting Depth						
Amount of Cement						
Top of Cement						
Bottom of Cement						

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

Geological Data:

Formation Name	Formation Top	Formation Base	Completion Information
1. _____	At: _____	to _____ Feet	Perforation Interval _____ to _____ 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

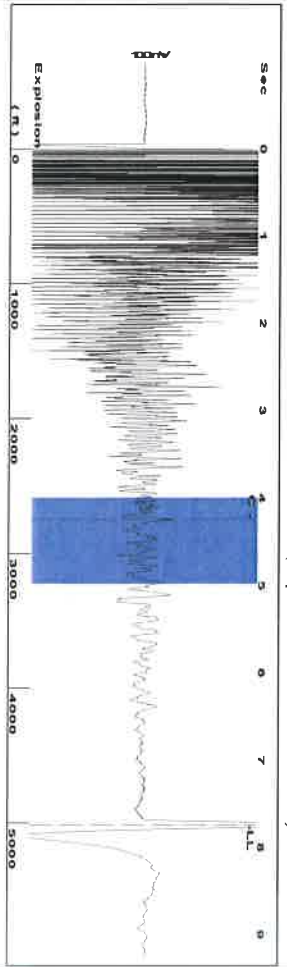
Submitted Electronically

Do NOT Write in This Space - KCC USE ONLY	Date Tested: _____	Results: _____	Date Plugged: _____	Date Repaired: _____	Date Put Back in Service: _____
	Review Completed by: _____ Comments: _____				
TA Approved: <input type="checkbox"/> Yes <input type="checkbox"/> Denied Date: _____					

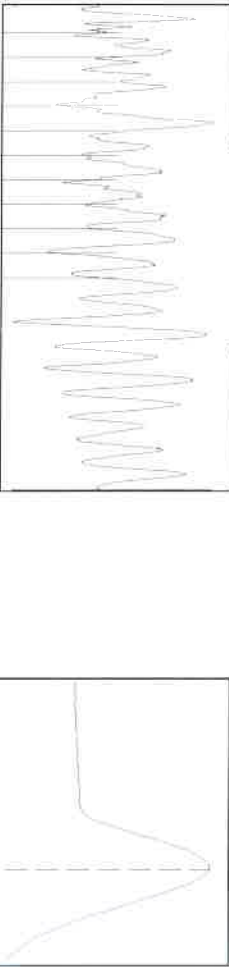
Mail to the Appropriate KCC Conservation Office:

	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: SIERRA MADRE Well: SMITH UNRUH 1 (acquired on: 02/05/20 13:15:27)



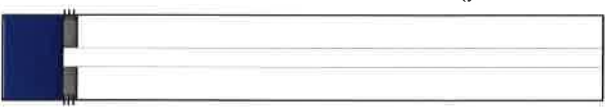
Filter Type High Pass Automatic Collar Count Yes
 Manual Acoustic Velo 1255.45 f/s Manual JTS/sec 19.802
 Time 7.739 sec
 Joints 158.138 Jts
 Depth 5012.97 ft



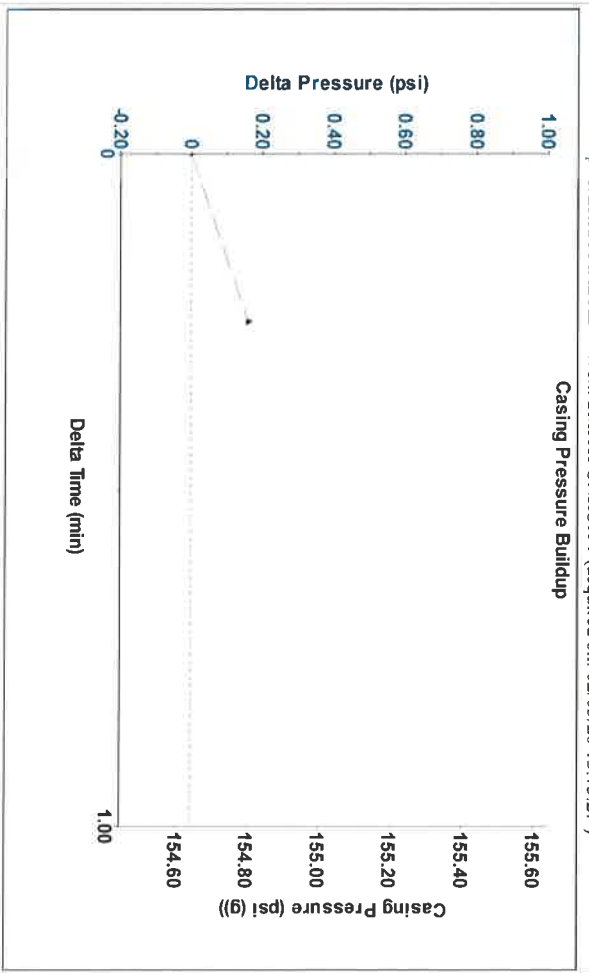
Analysis Method: Automatic

Group: SIERRA MADRE Well: SMITH UNRUH 1 (acquired on: 02/05/20 13:15:27)

Production	Potential	Casing Pressure	Static
Oil -*- BBL/D	-*- BBL/D	154.6 psi (g)	Oil Column Height
Water -*- BBL/D	-*- BBL/D	Casing Pressure Buildup	MD 0 ft
Gas -*- Mscf/D	-*- Mscf/D	0.2 psi	Water Column Height
IPR Method	Vogel -*-	0.25 min	MD 89 ft
PBHP/SBHP	Production Efficiency -*-	Gas/Liquid Interface Pressure	Static BHP
		176.0 psi (g)	216.5 psi (g)
Oil 40 deg API	Liquid Level Depth		
Water 1.05 Sp.Gr:H2O	5012.97 ft		
Gas 0.70 Sp.Gr:AIR	Pump Intake Depth		
Acoustic Velocity	5170.00 ft		
	Formation Depth		
	5102.00 ft		

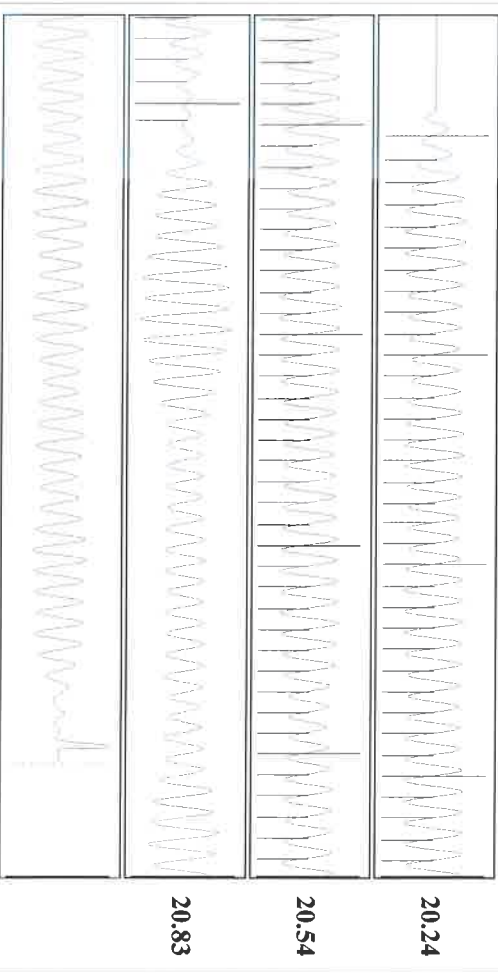


Group: SIERRA MADRE Well: SMITH UNRUH 1 (acquired on: 02/05/20 13:15:27)



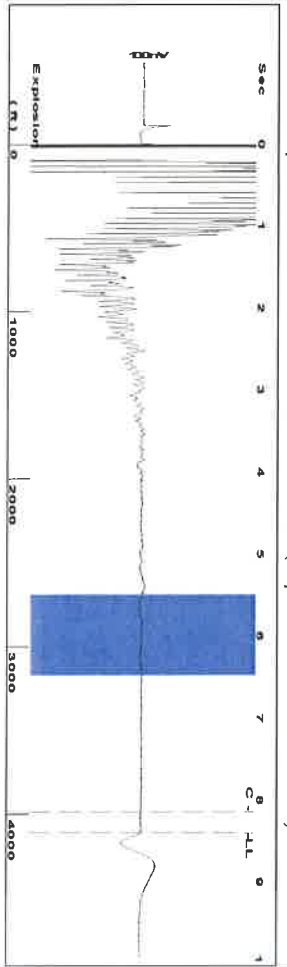
Change in Pressure 0.16 psi PT14020
 Change in Time 0.25 min Range 0 - ? psi

Group: SIERRA MADRE Well: SMITH UNRUH 1 (acquired on: 02/05/20 13:15:27)



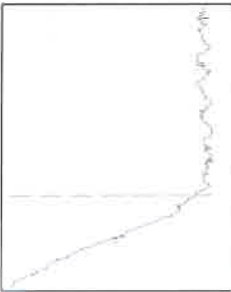
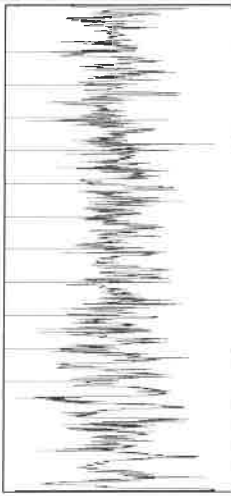
Acoustic Velocity	1295.51 f/s	Joints counted	81
Joints Per Second	20.4339 Jts/sec	Joints to liquid level	158.138
Depth to liquid level	5012.97 ft	Filter Width	17.802
Automatic Collar Count	Yes	Time to 1st Collar	0.28

Group: SIERRA MADRE Well: SMITH UNRUH 2 (acquired on: 02/05/20 13:31:05)



Filter Type High Pass Automatic Collar Count Yes
 Manual Acoustic Velo 933.726 ft/s Manual JTS/sec 14.7275
 Time 8.397 sec
 Joints 129.729 Jts
 Depth 4112.41 ft

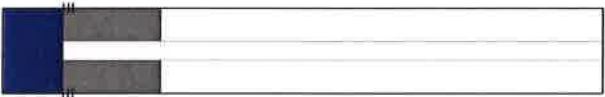
5.5 to 6.5 (Sec)



Analysis Method: Automatic

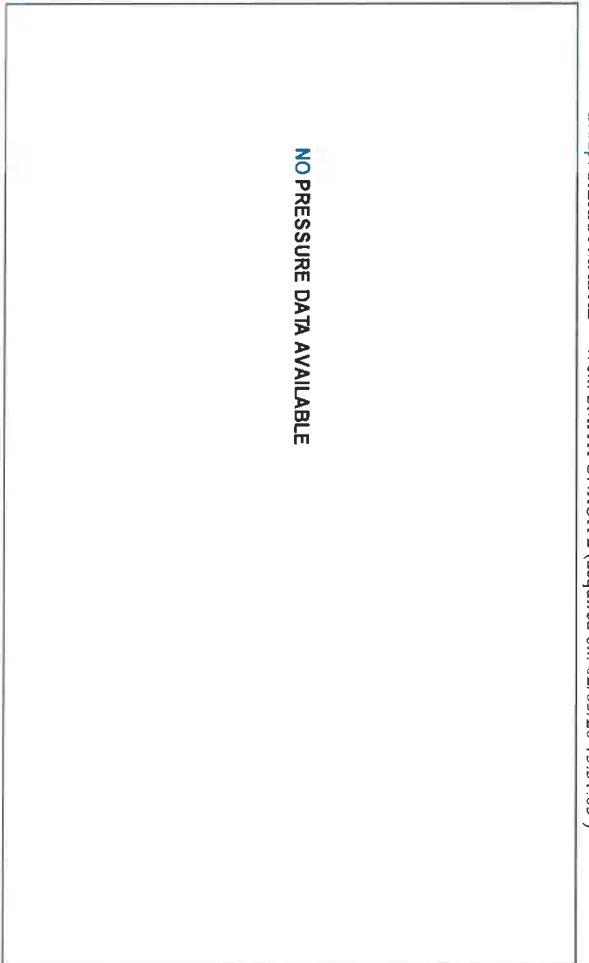
Group: SIERRA MADRE Well: SMITH UNRUH 2 (acquired on: 02/05/20 13:31:05)

Production Current	Potential	Casing Pressure	Static
Oil -*- BBL/D	-*- BBL/D	39.7 psi (g)	Oil Column Height
Water -*- BBL/D	-*- BBL/D	Casing Pressure Buildup	MD 0 ft
Gas -*- Mscf/D	-*- Mscf/D	-*- psi	
IPR Method	Vogel	Gas/Liquid Interface Pressure	
PBHP/SBHP	-*-	47.8 psi (g)	
Production Efficiency	0.0		
Oil 40 deg API		Liquid Level Depth	Water Column Height
Water 1.05 Sp Gr: H2O		4112.41 ft	MD 996 ft
Gas 0.99 Sp Gr: AIR		Pump Intake Depth	
Acoustic Velocity	979.494 ft/s	5166.00 ft	
		Formation Depth	
		5108.00 ft	

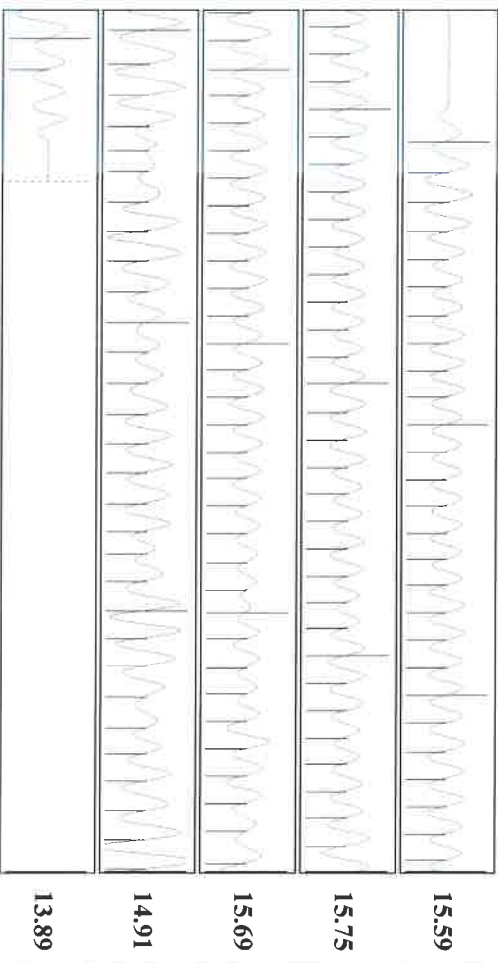


Acoustic Test

Group: SIERRA MADRE Well: SMITH UNRUH 2 (acquired on: 02/05/20 13:31:05)

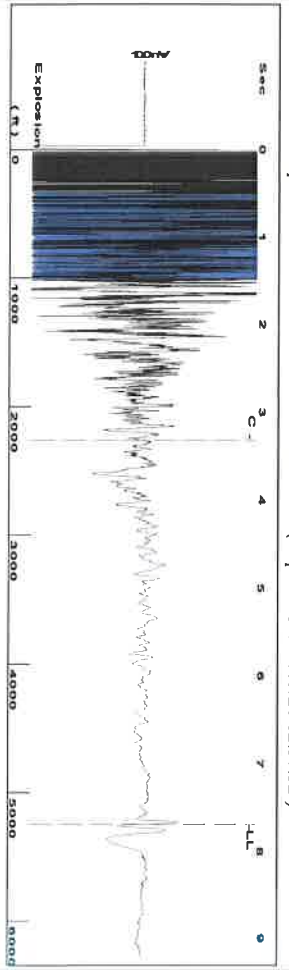


Group: SIERRA MADRE Well: SMITH UNRUH 2 (acquired on: 02/05/20 13:31:05)



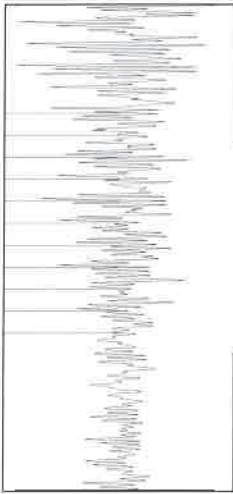
Acoustic Velocity	979.494 ft/s	Joints counted	121
Joints Per Second	15.4494 Jts/sec	Joints to liquid level	129.729
Depth to liquid level	4112.41 ft	Filter Width	12.7275
Automatic Collar Count	Yes	Time to 1st Collar	0.304

Group: SIERRA MADRE Well: VB SMITH 1 (acquired on: 02/05/20 12:57:52)



Filter Type High Pass Automatic Collar Count Yes
 Manual Acoustic Velo 1399.56 f/s Manual JTS/sec 22.0751
 Time 7.686 sec
 Joints 165.427 Jts
 Depth 5244.04 ft

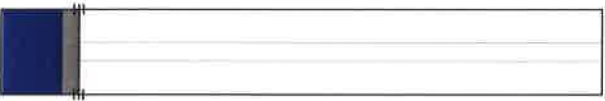
0.5 to 1.5 (Sec) |



Analysis Method: Automatic

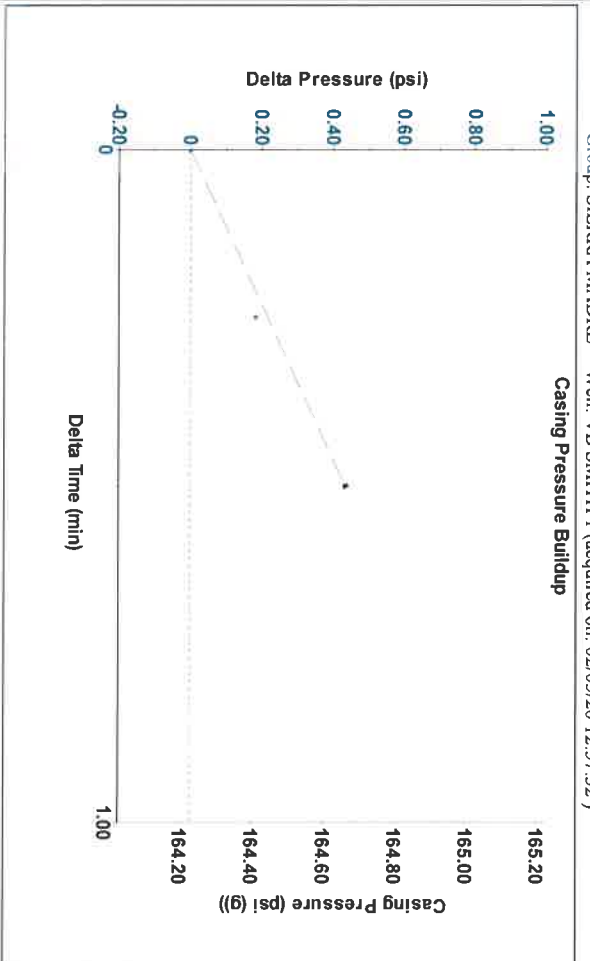
Group: SIERRA MADRE Well: VB SMITH 1 (acquired on: 02/05/20 12:57:52)

Production		Potential		Casing Pressure		Static
Current	-*-	BBL/D		164.2	psi (g)	
Oil	-*-	BBL/D				
Water	-*-	Mscf/D		0.4	psi	
Gas	-*-			0.50	min	
				Gas/Liquid Interface Pressure	185.8	psi (g)
IPR Method		Vogel	-*-			
PBHP/SBHP		Production Efficiency	0.0			
Oil	40	deg API		Liquid Level Depth	5244.04	ft
Water	1.05	Sp.Gr:H2O				
Gas	0.64	Sp.Gr:AIR		Pump Intake Depth	5050.00	ft
				Formation Depth	5057.00	ft
Acoustic Velocity	1364.57	f/s				



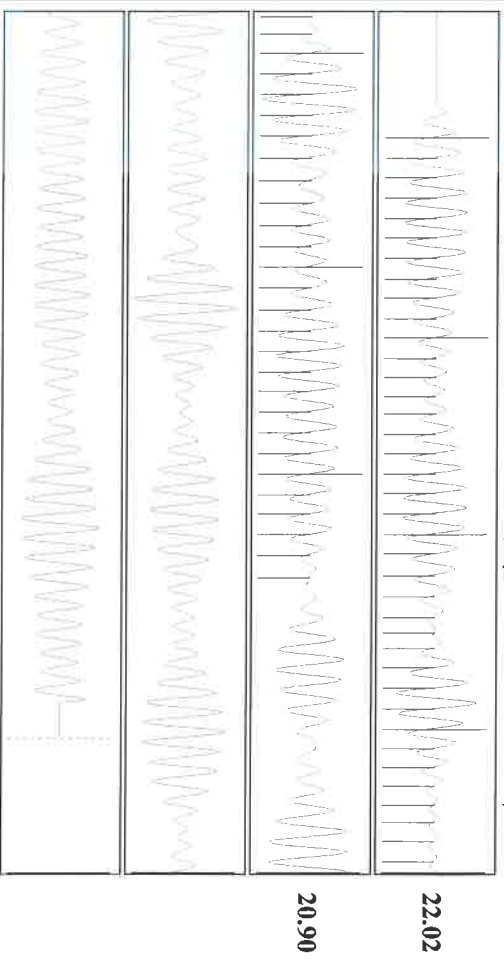
Static BHP 185.0 psi (g)
 Water Column Height MD -*- ft

Group: SIERRA MADRE Well: VB SMITH 1 (acquired on: 02/05/20 12:57:52)



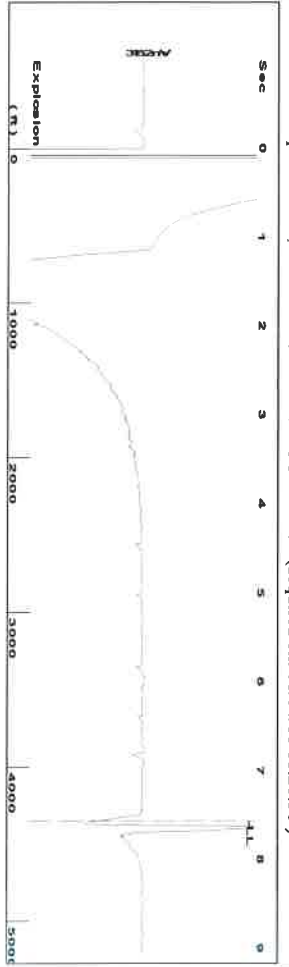
Change in Pressure 0.43 psi PTT 4020 Range
 Change in Time 0.50 min 0 - ? psi

Group: SIERRA MADRE Well: VB SMITH 1 (acquired on: 02/05/20 12:57:52)



Acoustic Velocity 1364.57 f/s Joints counted 65
 Joints Per Second 21.5232 Jts/sec 165.427
 Depth to liquid level 5244.04 ft Filter Width 20.0751
 Automatic Collar Count Yes Time to 1st Collar 0.292 24.0751 3.312

Group: EDISON OPERATING Well: LIGGETT 1-32 (acquired on: 01/04/18 11:26:56)



Time 7.559 sec
 Joints 137,111 fts
 Depth 4346.43 ft

Liquid level calculated with
 user supplied Acoustic Velocity

Acoustic Velocity 1150 ft/s

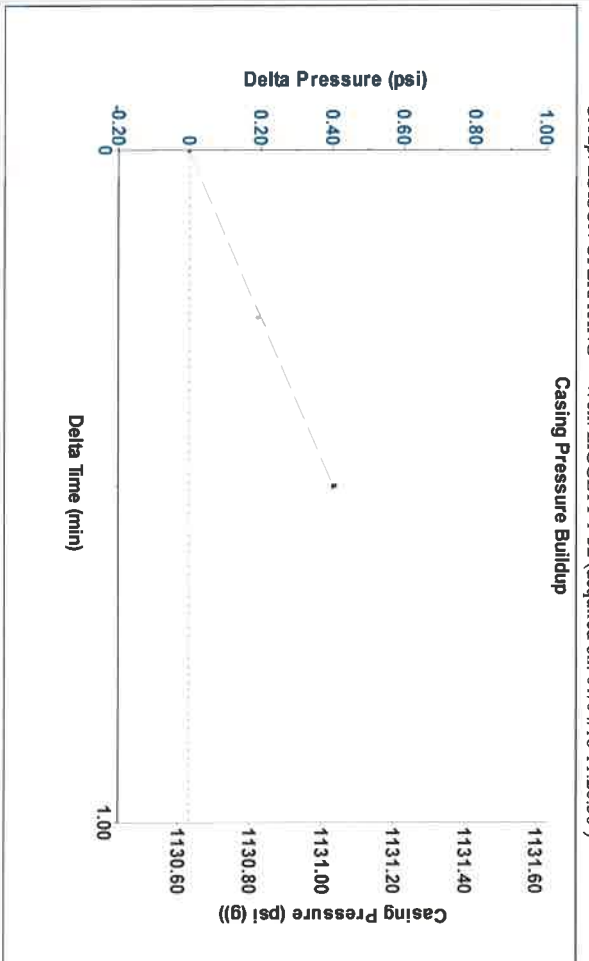
Analysis Method: Acoustic Velocity

Group: EDISON OPERATING Well: LIGGETT 1-32 (acquired on: 01/04/18 11:26:56)

Production Current	Potential	Casing Pressure	Static
Oil - * -	BBL/D	1130.6 psi (g)	Oil Column Height MD 0 ft
Water - * -	BBL/D	Casing Pressure Buildup 0.4 psi	Water Column Height MD - * - ft
Gas - * -	Mscf/D	0.50 min	
IPR Method	Vogel	Gas/Liquid Interface Pressure 1298.5 psi (g)	
PBHP/SBHP	- * -		
Production Efficiency	0.0		
Oil 40 deg API		Liquid Level Depth 4346.43 ft	
Water 1.05 Sp.Gr.:H2O		Pump Intake Depth - * - ft	
Gas 0.74 Sp.Gr.:AIR		Formation Depth - * - ft	
Acoustic Velocity	1150 ft/s		Static BHP 1619.3 psi (g)



Group: EDISON OPERATING Well: LIGGETT 1-32 (acquired on: 01/04/18 11:26:56)



Change in Pressure 0.40 psi PT14020
 Change in Time 0.50 min Range 0 - ? psi

Group: EDISON OPERATING Well: LIGGETT 1-32 (acquired on: 01/04/18 11:26:56)

Entered Acoustic Velocity for Liquid Level depth determination

Acoustic Test

February 11, 2020

James Grey
Sierra Madre LLC
8520 25TH AVE
GREENSBURG, KS 67054-6772

Re: Temporary Abandonment
API 15-097-21506-00-00
LIGGETT 1-32
SE/4 Sec.32-30S-19W
Kiowa County, Kansas

Dear James Grey:

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

Lack of Lease

Pursuant to K.A.R. 82-3-111, the well must be plugged, or returned to service, or obtain temporary abandonment status by 03/12/2020.

This deadline does NOT override any compliance deadline given to you in any Commission Order.

You may contact me if you have any questions.

Sincerely,
Michael Maier
KCC DISTRICT 1