

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

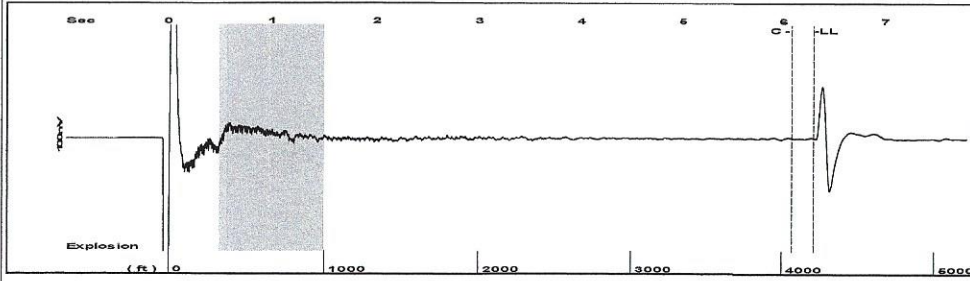
Submitted Electronically

<b>Do NOT Write in This Space - KCC USE ONLY</b>	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:

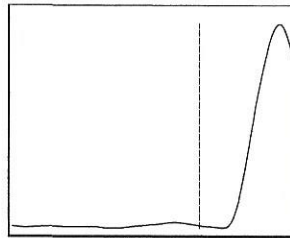
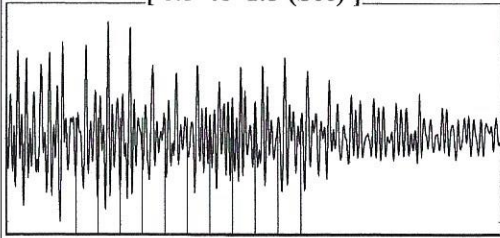
	KCC District Office #1 - 210 E. Frontview, Suite A, Dodge City, KS 67801	Phone 620.682.7933
	KCC District Office #2 - 3450 N. Rock Road, Building 600, Suite 601, Wichita, KS 67226	Phone 316.337.7400
	KCC District Office #3 - 137 E. 21st St., Chanute, KS 66720	Phone 620.902.6450
	KCC District Office #4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

Group: Belpre Well: Breitenbach D 1-29 (acquired on: 03/05/21 11:53:10)



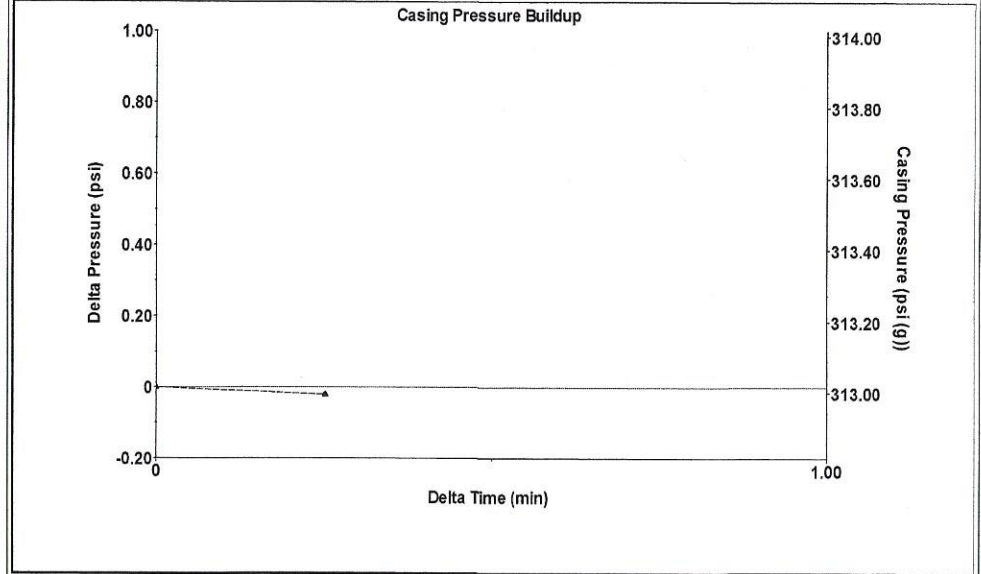
Filter Type High Pass Automatic Collar Count Yes Time 6.296 sec  
 Manual Acoustic Velo 1334.95 ft/s Manual JTS/sec 21.978 Joints 138.659 Jts  
 Depth 4211.08 ft

[ 0.5 to 1.5 (Sec) ]



Analysis Method: Automatic

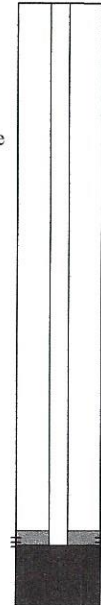
Group: Belpre Well: Breitenbach D 1-29 (acquired on: 03/05/21 11:53:10)



Change in Pressure -0.02 psi PT13440  
 Range 0 - ? psi  
 Change in Time 0.25 min

Group: Belpre Well: Breitenbach D 1-29 (acquired on: 03/05/21 11:53:10)

Production			
Current	Potential	Casing Pressure	313.0 psi (g)
Oil - * -	- * - BBL/D	Casing Pressure Buildup	-0.0 psi
Water - * -	- * - BBL/D	0.25 min	
Gas - * -	- * - Mscf/D	Gas/Liquid Interface Pressure	345.6 psi (g)
IPR Method	Vogel	Liquid Level Depth	4211.08 ft
PBHP/SBHP	- * -	Pump Intake Depth	4344.00 ft
Production Efficiency	0.0	Formation Depth	4317.00 ft
Oil 40 deg.API			
Water 1.05 Sp.Gr.H2O			
Gas 0.65 Sp.Gr.AIR			
Acoustic Velocity	1337.7 ft/s		

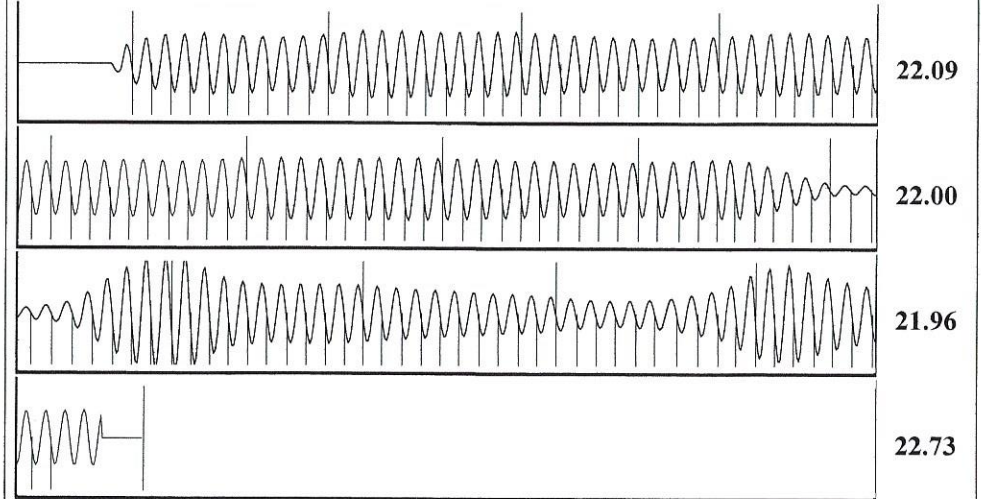


Producing  
 Annular Gas Flow 0 Mscf/D  
 % Liquid 100 %  
 Pump Intake 389.3 psi (g)  
 Producing BHP 380.4 psi (g)  
 Static BHP - \* - psi (g)

Formation Submergence  
 Total Gaseous Liquid Column HT (TVD) 133 ft  
 Equivalent Gas Free Liquid HT (TVD) 133 ft

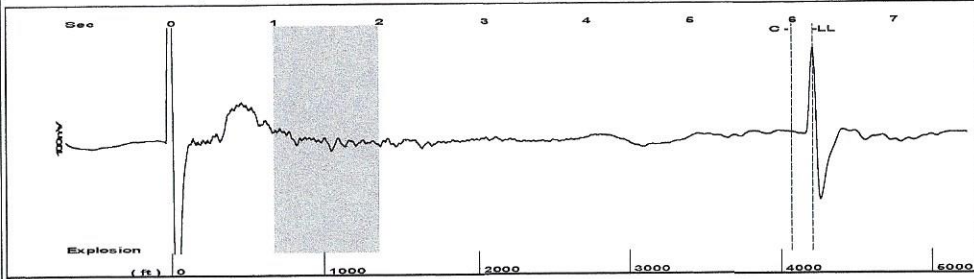
Acoustic Test

Group: Belpre Well: Breitenbach D 1-29 (acquired on: 03/05/21 11:53:10)



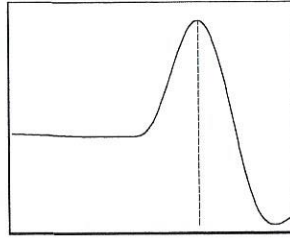
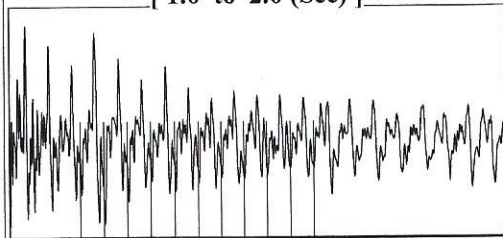
Acoustic Velocity	1337.7 ft/s	Joints counted	128
Joints Per Second	22.0234 jts/sec	Joints to liquid level	138.659
Depth to liquid level	4211.08 ft	Filter Width	19.978 23.978
Automatic Collar Count	Yes	Time to 1st Collar	0.268 6.08

Group: Belpre Well: Breitenbach M 1-19 (acquired on: 03/05/21 13:51:49)



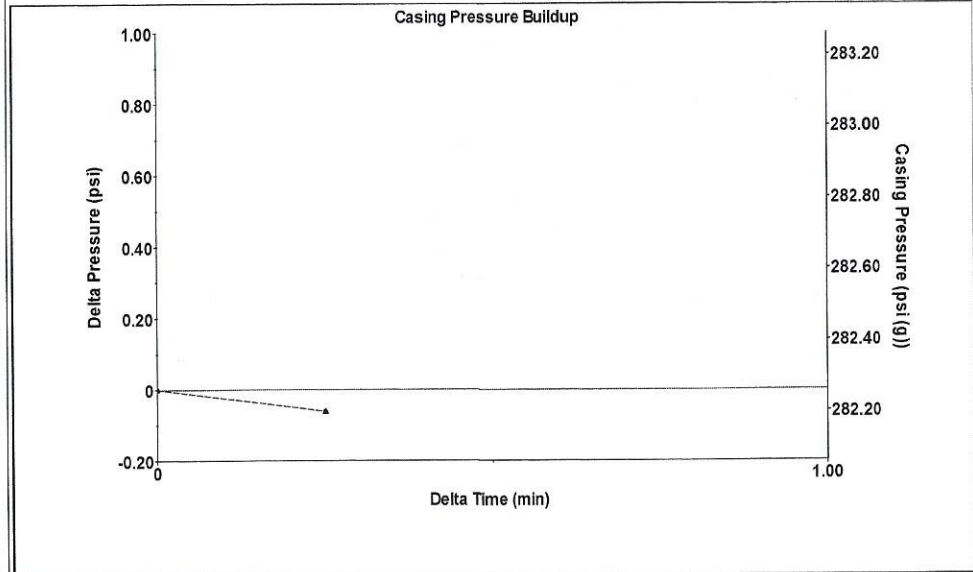
Filter Type High Pass Automatic Collar Count Yes Time 6.191 sec  
 Manual Acoustic Velo 1340.38 ft/s Manual JTS/sec 21.1416 Joints 132.757 Jts  
 Depth 4208.39 ft

[ 1.0 to 2.0 (Sec) ]



Analysis Method: Automatic

Group: Belpre Well: Breitenbach M 1-19 (acquired on: 03/05/21 13:51:49)



Change in Pressure -0.06 psi PT13440  
 Range 0 - ? psi  
 Change in Time 0.25 min

Group: Belpre Well: Breitenbach M 1-19 (acquired on: 03/05/21 13:51:49)

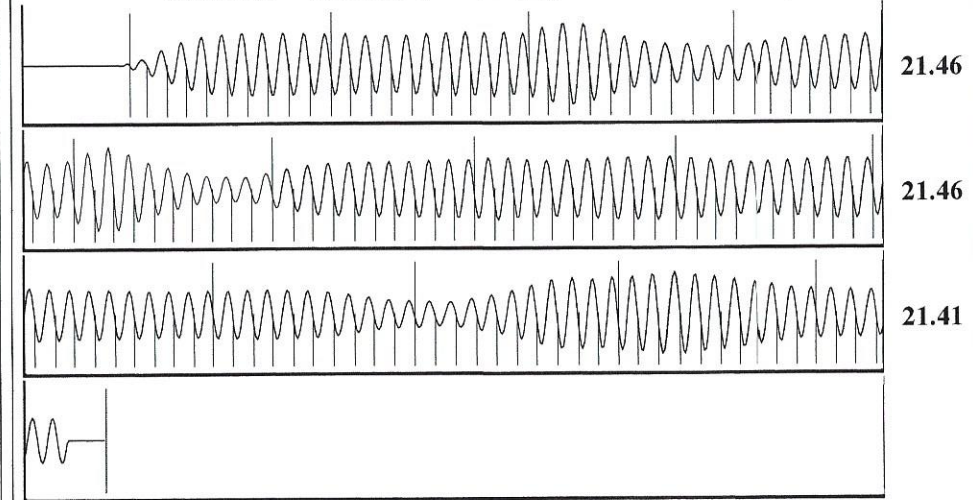
Production Current	Potential	Casing Pressure
Oil - *-	- * - BBL/D	282.3 psi (g)
Water - *-	- * - BBL/D	Casing Pressure Buildup
Gas - *-	- * - Mscf/D	-0.1 psi
		0.25 min
IPR Method	Vogel	Gas/Liquid Interface Pressure
PBHP/SBHP	- * -	310.9 psi (g)
Production Efficiency	0.0	
Oil 40 deg.API		Liquid Level Depth
Water 1.05 Sp.Gr.H2O		4208.39 ft
Gas 0.63 Sp.Gr.AIR		Pump Intake Depth
		4308.00 ft
Acoustic Velocity 1359.52 ft/s		Formation Depth
		4304.00 ft



Producing  
 Annular Gas Flow 0 Mscf/D  
 % Liquid 100 %  
 Pump Intake 343.7 psi (g)  
 Producing BHP 342.4 psi (g)  
 Static BHP - \* - psi (g)

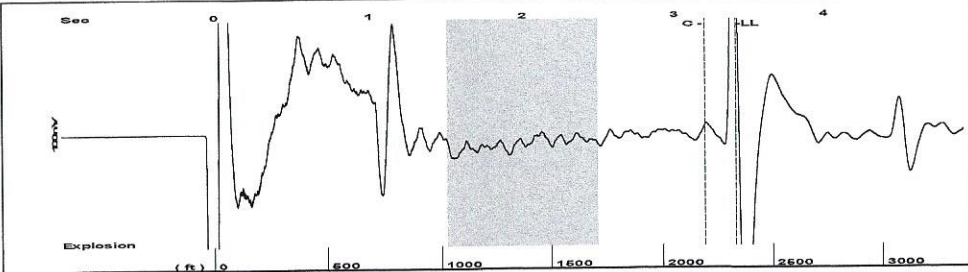
Formation Submergence  
 Total Gaseous Liquid Column HT (TVD) 100 ft  
 Equivalent Gas Free Liquid HT (TVD) 100 ft  
 Acoustic Test

Group: Belpre Well: Breitenbach M 1-19 (acquired on: 03/05/21 13:51:49)



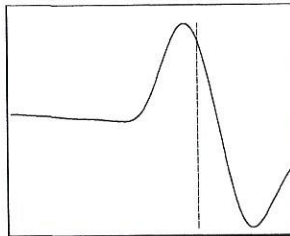
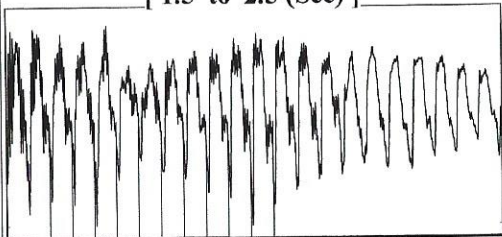
Acoustic Velocity	1359.52 ft/s	Joints counted	123
Joints Per Second	21.4435 jts/sec	Joints to liquid level	132.757
Depth to liquid level	4208.39 ft	Filter Width	19.1416
Automatic Collar Count	Yes	Time to 1st Collar	0.248 5.984

Group: Belpre Well: Hawley 12-13 (acquired on: 03/05/21 14:05:43)



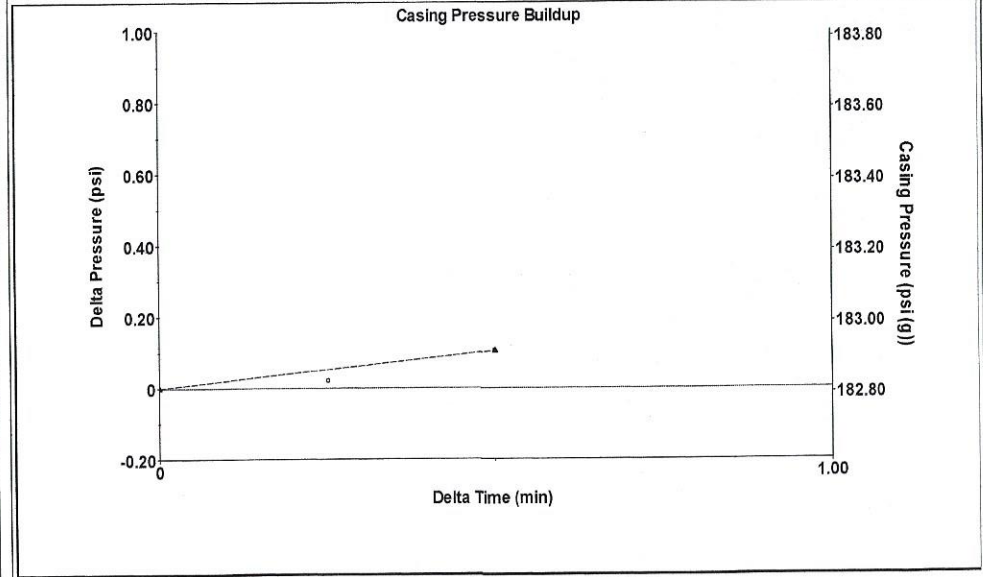
Filter Type High Pass Automatic Collar Count Yes Time 3.409 sec  
 Manual Acoustic Velocity 1360 ft/s Manual JTS/sec 21.978 Joints 75.3773 Jts  
 Depth 2332.17 ft

[ 1.5 to 2.5 (Sec) ]



Analysis Method: Automatic

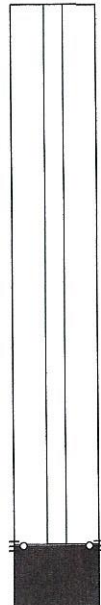
Group: Belpre Well: Hawley 12-13 (acquired on: 03/05/21 14:05:43)



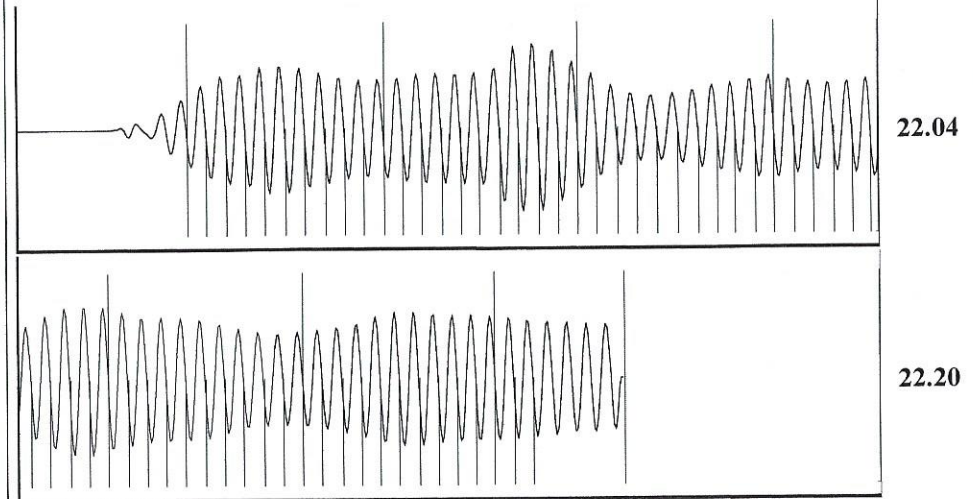
Change in Pressure 0.10 psi PT13440  
 Range 0 - ? psi  
 Change in Time 0.50 min

Group: Belpre Well: Hawley 12-13 (acquired on: 03/05/21 14:05:43)

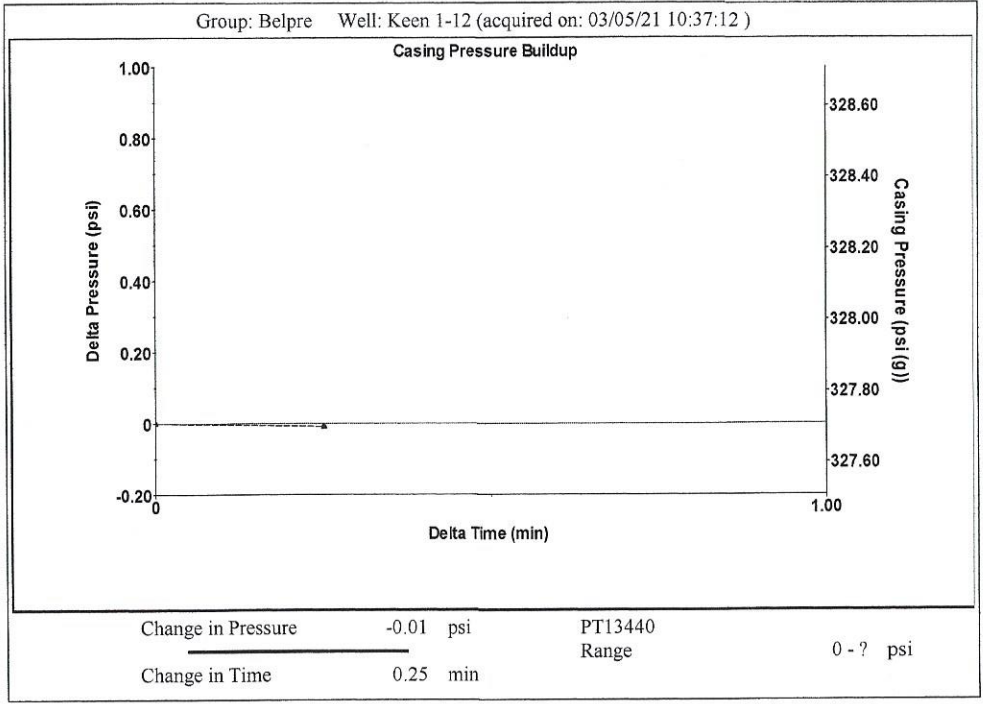
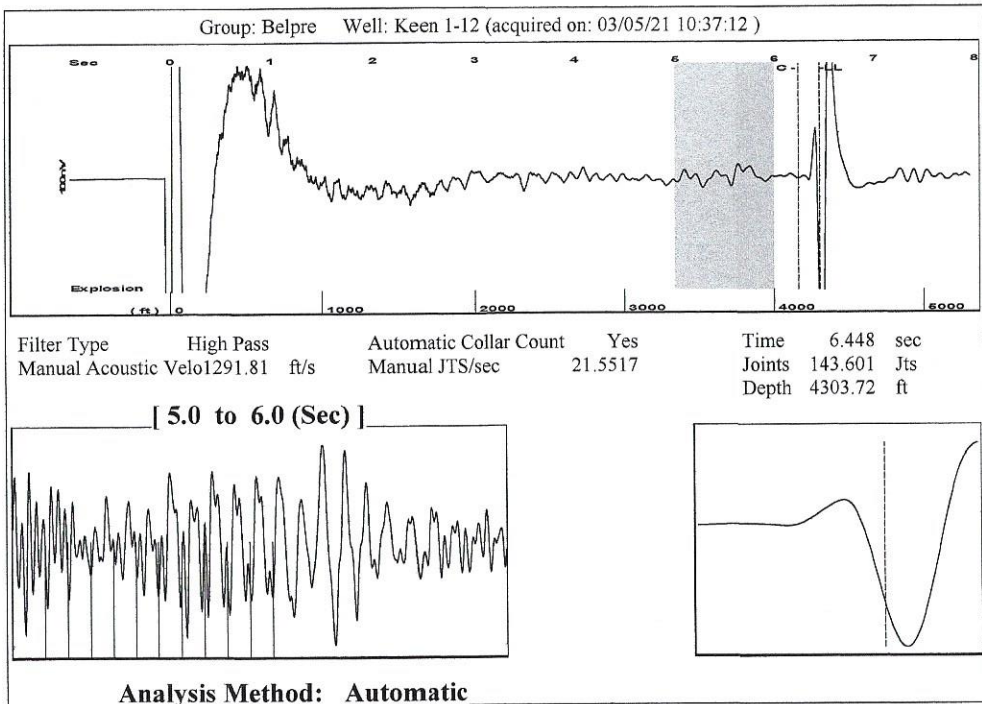
Production	Potential	Casing Pressure	Producing
Oil - * -	- * - BBL/D	182.8 psi (g)	Annular
Water - * -	- * - BBL/D	Casing Pressure Buildup	Gas Flow
Gas - * -	- * - Mscf/D	0.1 psi	3 Mscf/D
		0.50 min	% Liquid
IPR Method	Vogel	Gas/Liquid Interface Pressure	100 %
PBHP/SBHP	- * -	193.0 psi (g)	
Production Efficiency	0.0		
Oil 40 deg.API		Liquid Level Depth	
Water 1.05 Sp.Gr.H2O		2332.17 ft	
Gas 0.64 Sp.Gr.AIR		Pump Intake Depth	
		2321.00 ft	
Acoustic Velocity 1368.25 ft/s		Formation Depth	
		2330.00 ft	
Formation Submergence		Pump Intake	
Total Gaseous Liquid Column HT (TVD)	- * - ft	193.0 psi (g)	
Equivalent Gas Free Liquid HT (TVD)	- * - ft	Producing BHP	
		193.0 psi (g)	
Acoustic Test		Static BHP	
		- * - psi (g)	



Group: Belpre Well: Hawley 12-13 (acquired on: 03/05/21 14:05:43)

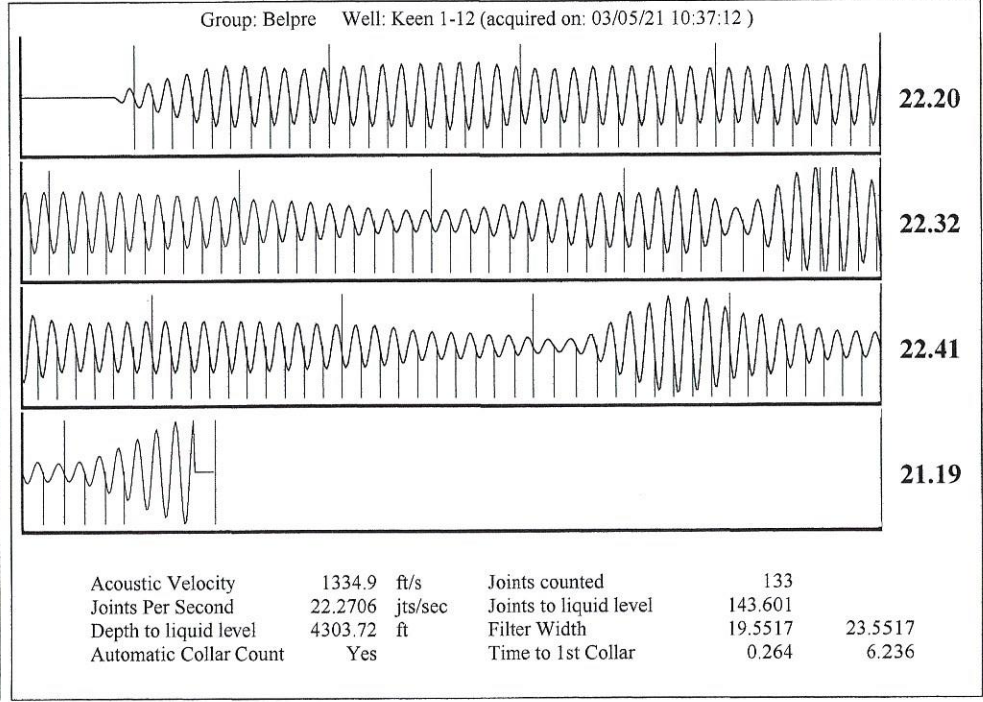


Acoustic Velocity 1368.25 ft/s Joints counted 62  
 Joints Per Second 22.1113 jts/sec Joints to liquid level 75.3773  
 Depth to liquid level 2332.17 ft Filter Width 19.978 23.978  
 Automatic Collar Count Yes Time to 1st Collar 0.396 3.2

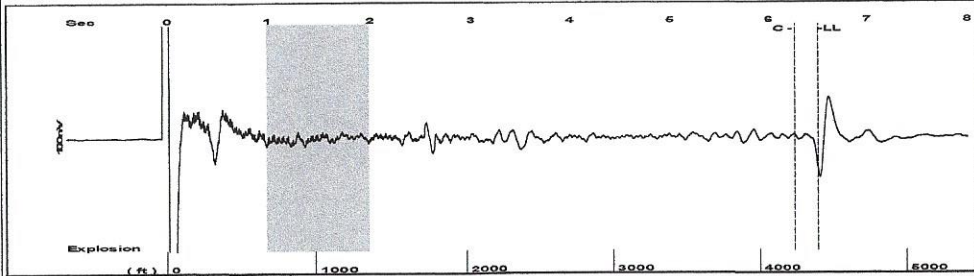


Group: Belpre Well: Keen 1-12 (acquired on: 03/05/21 10:37:12)

Production Current	Potential	Casing Pressure	Producing
Oil - *-	- *- BBL/D	327.7 psi (g)	
Water - *-	- *- BBL/D	Casing Pressure Buildup	Annular Gas Flow
Gas - *-	- *- Mscf/D	-0.0 psi	0 Mscf/D
		0.25 min	% Liquid
		Gas/Liquid Interface Pressure	100 %
IPR Method	Vogel	362.7 psi (g)	
PBHP/SBHP	- *-		
Production Efficiency	0.0	Liquid Level Depth	
		4303.72 ft	
Oil 40 deg.API		Pump Intake Depth	
Water 1.05 Sp.Gr.H2O		4407.00 ft	
Gas 0.65 Sp.Gr.AIR		Formation Depth	
		4396.00 ft	
Acoustic Velocity	1334.9 ft/s		
		Pump Intake	
		396.6 psi (g)	
		Producing BHP	
		393.0 psi (g)	
		Static BHP	
		- *- psi (g)	
Formation Submergence			
Total Gaseous Liquid Column HT (TVD)	103 ft		
Equivalent Gas Free Liquid HT (TVD)	103 ft		
Acoustic Test			

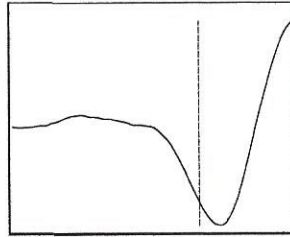
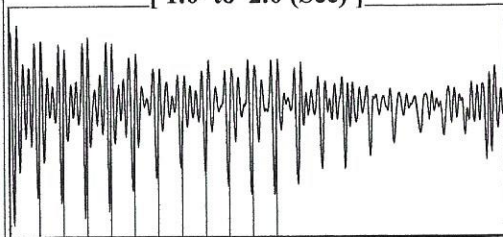


Group: Belpre Well: Russell Trust 1-3 (acquired on: 03/05/21 11:00:55)



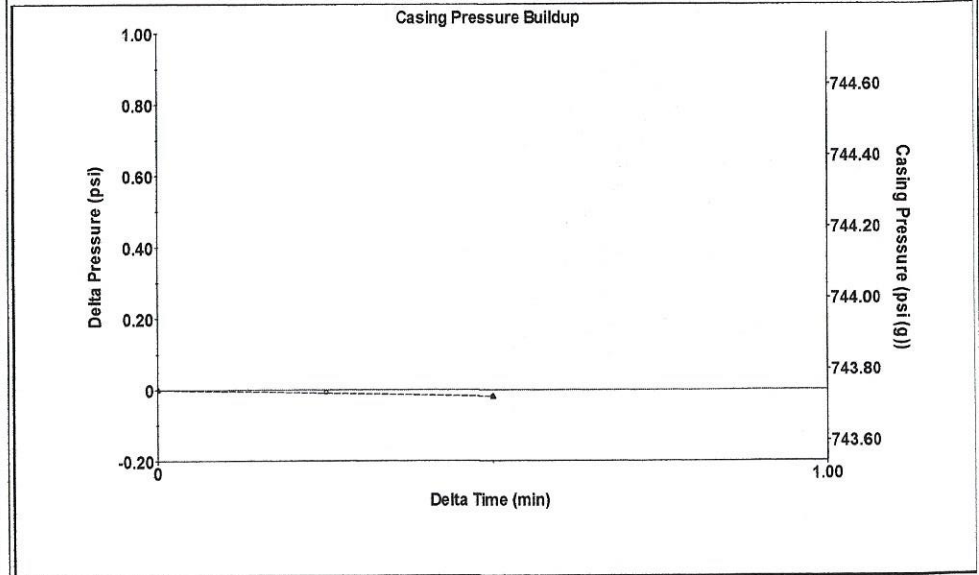
Filter Type High Pass Automatic Collar Count Yes Time 6.5 sec  
 Manual Acoustic Velo 1333.93 ft/s Manual JTS/sec 20.8333 Joints 137.308 Jts  
 Depth 4395.82 ft

[ 1.0 to 2.0 (Sec) ]



Analysis Method: Automatic

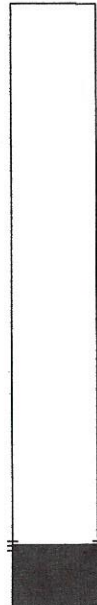
Group: Belpre Well: Russell Trust 1-3 (acquired on: 03/05/21 11:00:55)



Change in Pressure -0.02 psi PT13440  
 Range 0 - ? psi  
 Change in Time 0.50 min

Group: Belpre Well: Russell Trust 1-3 (acquired on: 03/05/21 11:00:55)

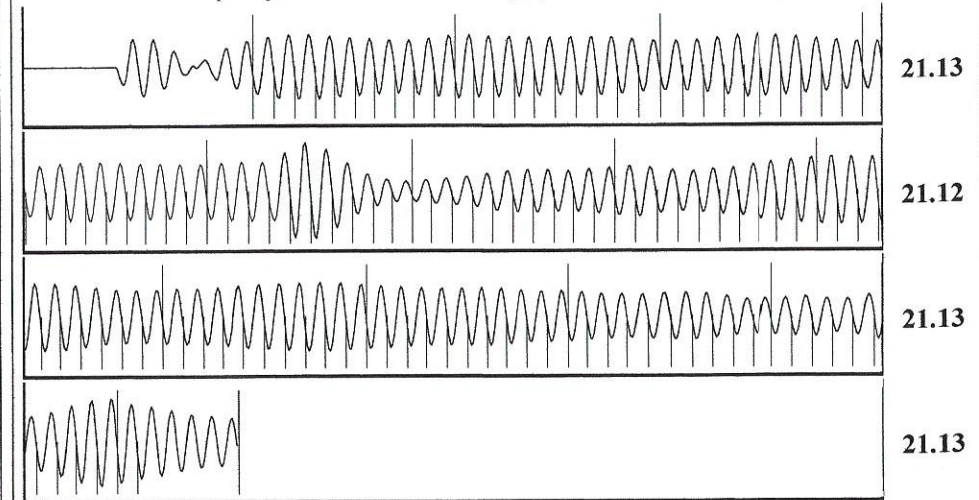
Production			
Current	Potential	Casing Pressure	Producing
Oil - *-	- *- BBL/D	743.7 psi (g)	
Water - *-	- *- BBL/D	Casing Pressure Buildup	Annular
Gas - *-	- *- Mscf/D	-0.0 psi	Gas Flow
		0.50 min	0 Mscf/D
IPR Method	Vogel	Gas/Liquid Interface Pressure	% Liquid
PBHP/SBHP	- *-	822.8 psi (g)	100 %
Production Efficiency	0.0		
Oil 40 deg.API		Liquid Level Depth	
Water 1.05 Sp.Gr.H2O		4395.82 ft	
Gas 0.62 Sp.Gr.AIR		Tubing Intake Depth	
		- *- ft	
Acoustic Velocity	1352.56 ft/s	Formation Depth	
		4414.00 ft	



Formation Submergence  
 Total Gaseous Liquid Column HT (TVD) 18 ft  
 Equivalent Gas Free Liquid HT (TVD) 18 ft  
 Acoustic Test

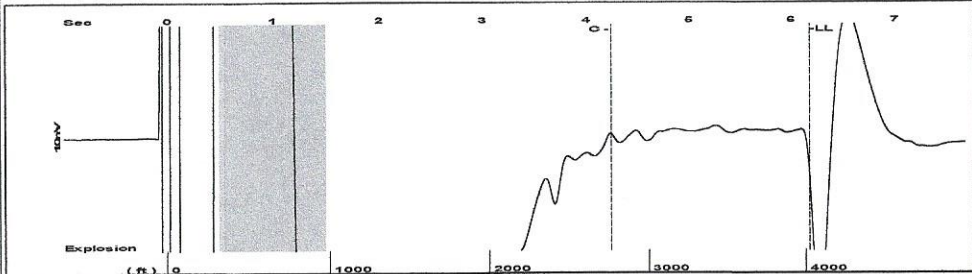
Tubing Intake - \*- psi (g)  
 Producing BHP 831.0 psi (g)  
 Static BHP - \*- psi (g)

Group: Belpre Well: Russell Trust 1-3 (acquired on: 03/05/21 11:00:55)



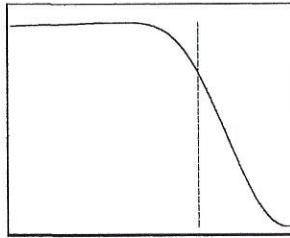
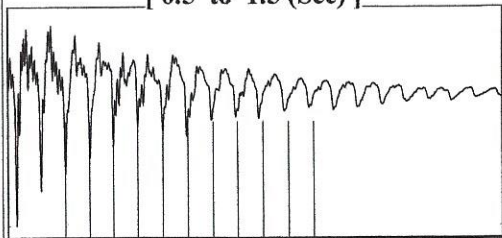
Acoustic Velocity	1352.56 ft/s	Joints counted	121
Joints Per Second	21.1243 jts/sec	Joints to liquid level	137.308
Depth to liquid level	4395.82 ft	Filter Width	18.8333 22.8333
Automatic Collar Count	Yes	Time to 1st Collar	0.536 6.264

Group: Belpre Well: Koett 1-32 (acquired on: 03/05/21 12:04:57)



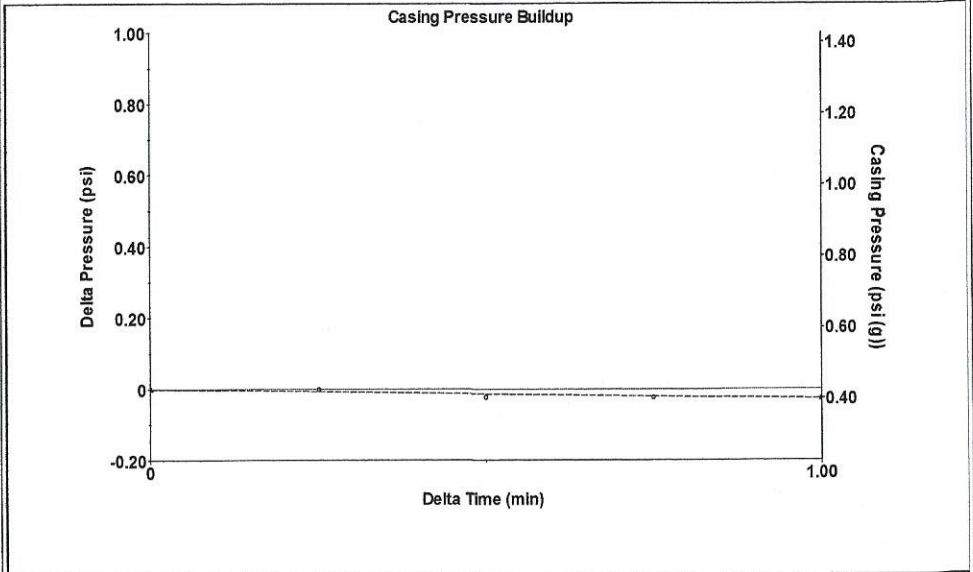
Filter Type High Pass Automatic Collar Count Yes Time 6.176 sec  
 Manual Acoustic Velo 1233.86 ft/s Manual JTS/sec 19.9203 Joints 129.84 Jts  
 Depth 4021.14 ft

[ 0.5 to 1.5 (Sec) ]



Analysis Method: Automatic

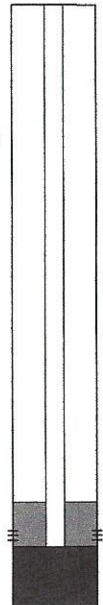
Group: Belpre Well: Koett 1-32 (acquired on: 03/05/21 12:04:57)



Change in Pressure -0.03 psi PT13440  
 Range 0 - ? psi  
 Change in Time 1.00 min

Group: Belpre Well: Koett 1-32 (acquired on: 03/05/21 12:04:57)

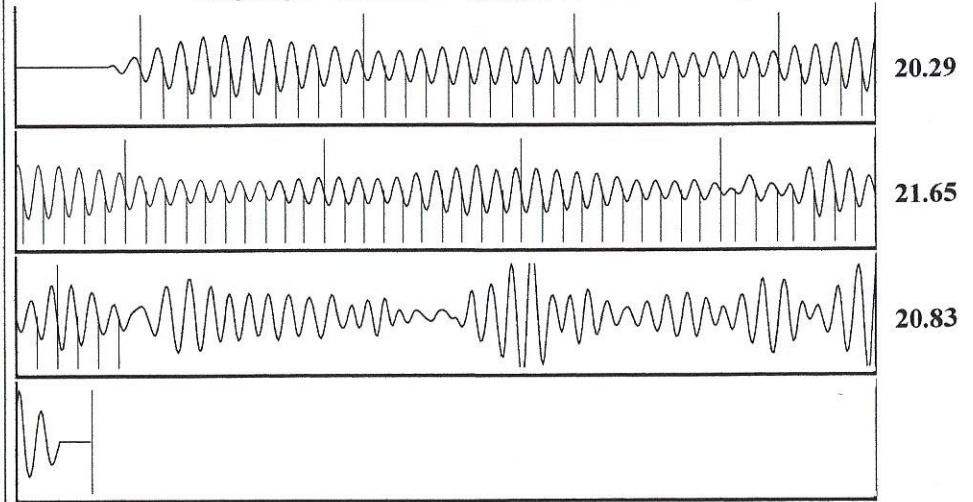
Production	Potential	Casing Pressure
Current	- * - BBL/D	0.4 psi (g)
Oil - * -	- * - BBL/D	Casing Pressure Buildup
Water - * -	- * - Mscf/D	-0.0 psi
Gas - * -		1.00 min
IPR Method	Vogel	Gas/Liquid Interface Pressure
PBHP/SBHP	- * -	1.9 psi (g)
Production Efficiency	0.0	
Oil 40 deg.API		Liquid Level Depth
Water 1.05 Sp.Gr.H2O		4021.14 ft
Gas 0.71 Sp.Gr.AIR		Pump Intake Depth
		4430.00 ft
Acoustic Velocity	1302.18 ft/s	Formation Depth
		4324.00 ft



Producing  
 Annular Gas Flow 0 Mscf/D  
 % Liquid 100 %  
 Pump Intake 139.8 psi (g)  
 Producing BHP 104.3 psi (g)  
 Static BHP - \* - psi (g)

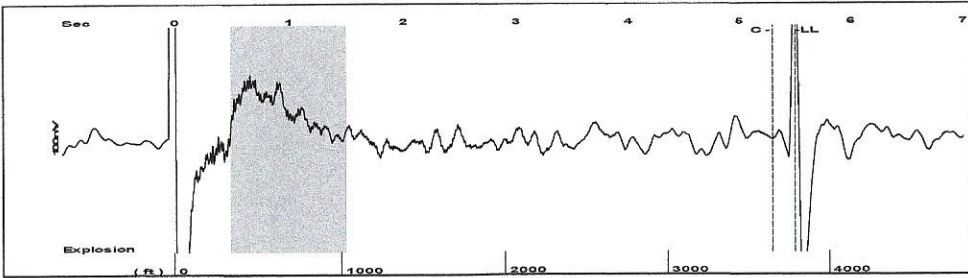
Formation Submergence  
 Total Gaseous Liquid Column HT (TVD) 409 ft  
 Equivalent Gas Free Liquid HT (TVD) 409 ft  
 Acoustic Test

Group: Belpre Well: Koett 1-32 (acquired on: 03/05/21 12:04:57)



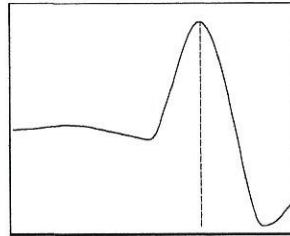
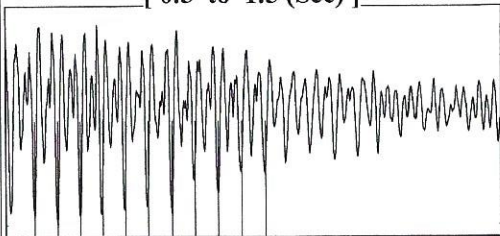
Acoustic Velocity	1302.18 ft/s	Joints counted	83
Joints Per Second	21.0233 jts/sec	Joints to liquid level	129.84
Depth to liquid level	4021.14 ft	Filter Width	17.9203 21.9203
Automatic Collar Count	Yes	Time to 1st Collar	0.292 4.24

Group: Belpre Well: Newsome 1-14 (acquired on: 03/05/21 09:57:39 )



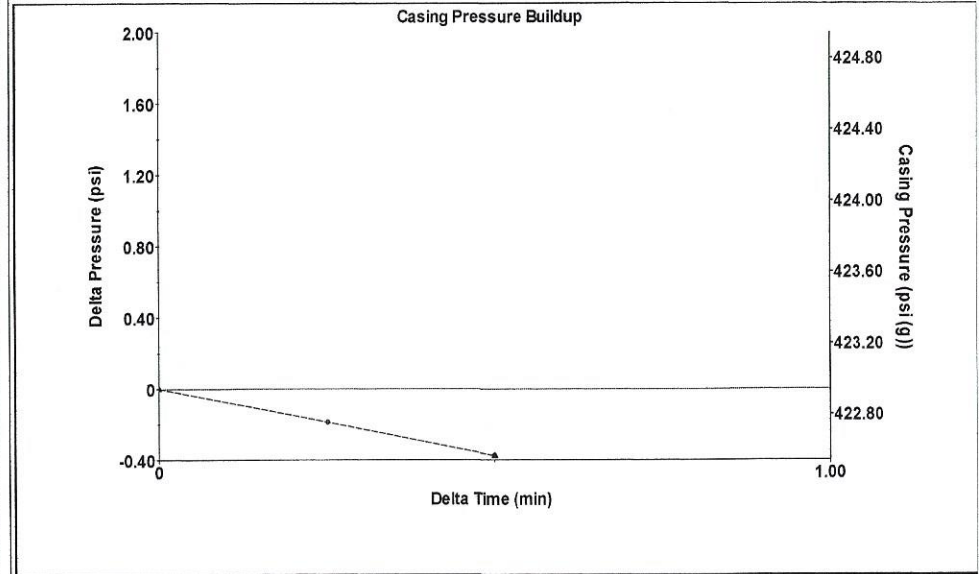
Filter Type High Pass Automatic Collar Count Yes Time 5.5 sec  
 Manual Acoustic Velo 1346.15 ft/s Manual JTS/sec 21.3675 Joints 120.231 Jts  
 Depth 3787.26 ft

[ 0.5 to 1.5 (Sec) ]



Analysis Method: Automatic

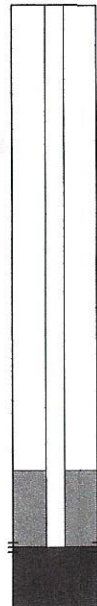
Group: Belpre Well: Newsome 1-14 (acquired on: 03/05/21 09:57:39 )



Change in Pressure -0.38 psi PT13440  
 Range 0 - ? psi  
 Change in Time 0.50 min

Group: Belpre Well: Newsome 1-14 (acquired on: 03/05/21 09:57:39 )

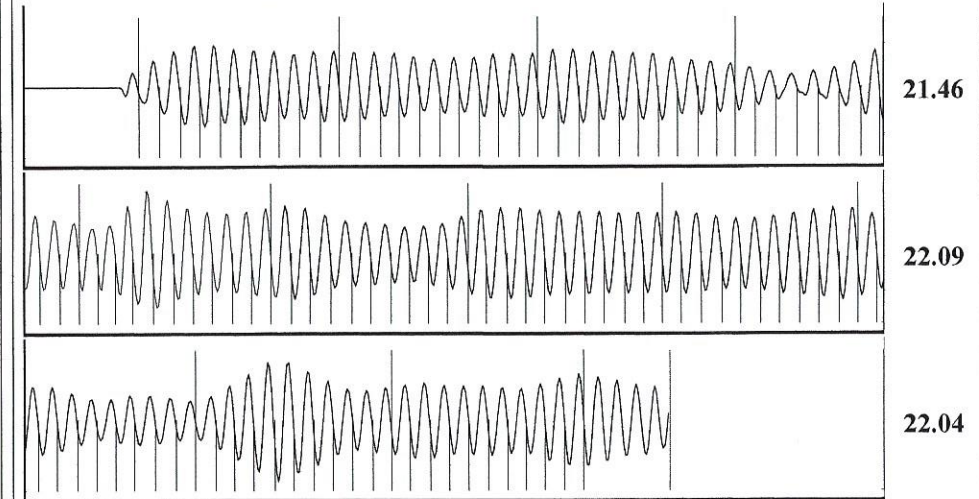
Production			
Current	Potential	Casing Pressure	Producing
Oil -*-	-*- BBL/D	422.9 psi (g)	
Water -*-	-*- BBL/D	Casing Pressure Buildup	Annular
Gas -*-	-*- Mscf/D	-0.4 psi	Gas Flow
		0.50 min	0 Mscf/D
IPR Method	Vogel	Gas/Liquid Interface Pressure	% Liquid
PBHP/SBHP	-*-	460.2 psi (g)	100 %
Production Efficiency	0.0		
		Liquid Level Depth	
Oil 40 deg.API		3787.26 ft	
Water 1.05 Sp.Gr.H2O		Pump Intake Depth	
Gas 0.61 Sp.Gr.AIR		4505.00 ft	
Acoustic Velocity	1377.19 ft/s	Formation Depth	
		4505.00 ft	



Formation Submergence  
 Total Gaseous Liquid Column HT (TVD) 718 ft  
 Equivalent Gas Free Liquid HT (TVD) 718 ft  
 Acoustic Test

Pump Intake 692.8 psi (g)  
 Producing BHP 692.8 psi (g)  
 Static BHP -\*- psi (g)

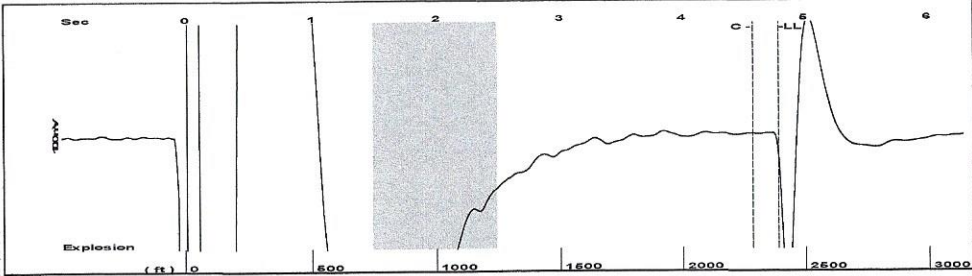
Group: Belpre Well: Newsome 1-14 (acquired on: 03/05/21 09:57:39 )



Acoustic Velocity	1377.19 ft/s	Joints counted	110
Joints Per Second	21.8601 jts/sec	Joints to liquid level	120.231
Depth to liquid level	3787.26 ft	Filter Width	19.3675
Automatic Collar Count	Yes	Time to 1st Collar	0.268
			23.3675
			5.3

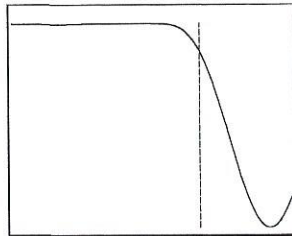
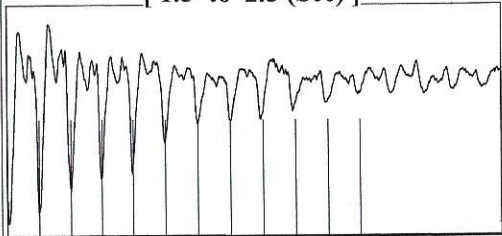


Group: Radium Well: Langer 1-4 (acquired on: 03/08/21 11:37:51 )



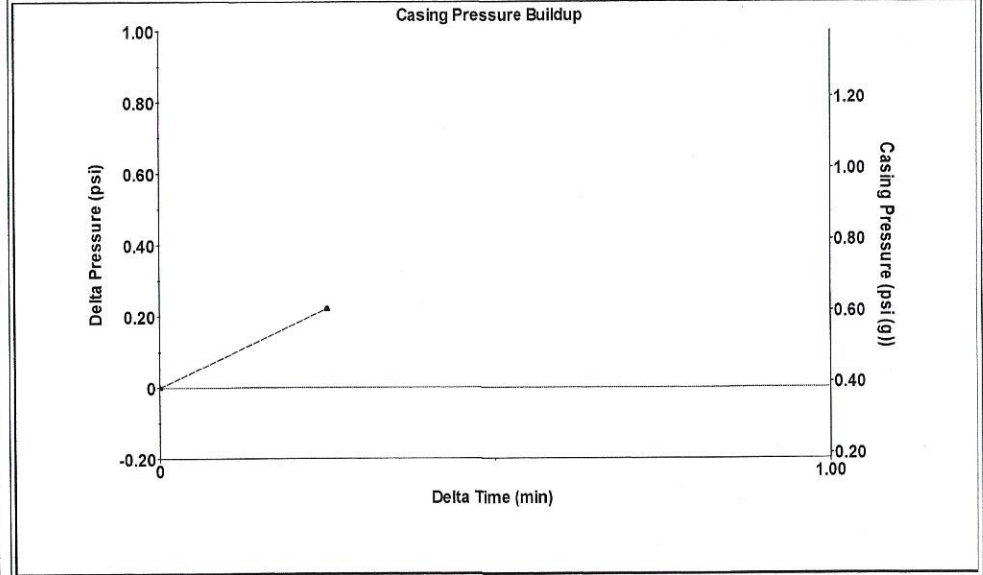
Filter Type High Pass Automatic Collar Count Yes Time 4.797 sec  
 Manual Acoustic Velo978.395 ft/s Manual JTS/sec 15.4321 Joints 75.3688 Jts  
 Depth 2389.19 ft

[ 1.5 to 2.5 (Sec) ]



Analysis Method: Automatic

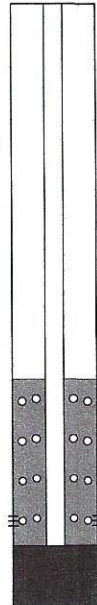
Group: Radium Well: Langer 1-4 (acquired on: 03/08/21 11:37:51 )



Change in Pressure 0.22 psi PT13440  
 Range 0 - ? psi  
 Change in Time 0.25 min

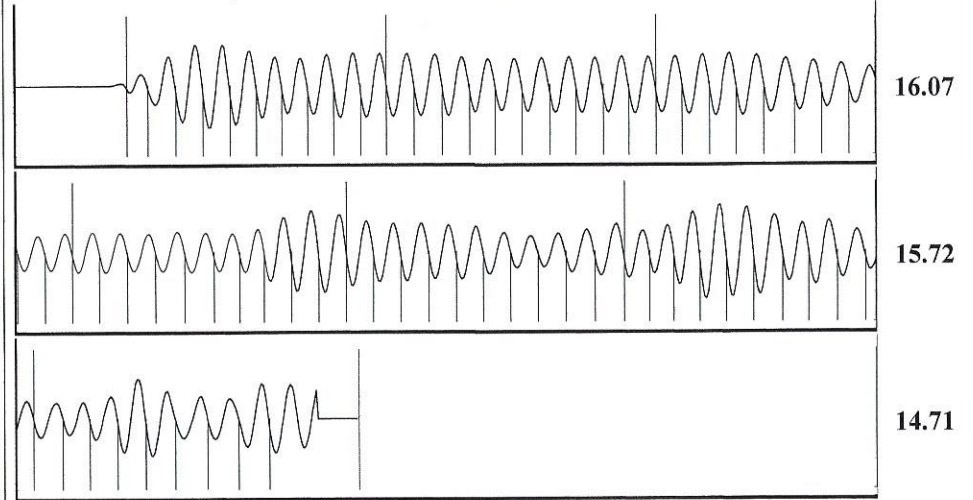
Group: Radium Well: Langer 1-4 (acquired on: 03/08/21 11:37:51 )

Production			
Current	Potential	Casing Pressure	Producing
Oil - *-	- *- BBL/D	0.4 psi (g)	
Water - *-	- *- BBL/D	Casing Pressure Buildup	Annular
Gas - *-	- *- Mscf/D	0.2 psi	Gas Flow
		0.25 min	15 Mscf/D
IPR Method	Vogel	Gas/Liquid Interface Pressure	% Liquid
PBHP/SBHP	- *-	1.6 psi (g)	39 %
Production Efficiency	0.0		
Oil 40 deg.API		Liquid Level Depth	
Water 1.05 Sp.Gr.H2O		2389.19 ft	
Gas 0.98 Sp.Gr.AIR		Pump Intake Depth	
		3650.00 ft	
Acoustic Velocity	996.118 ft/s	Formation Depth	
		3460.00 ft	
Formation Submergence			
Total Gaseous Liquid Column HT (TVD)	1261 ft		
Equivalent Gas Free Liquid HT (TVD)	608 ft		
Acoustic Test			

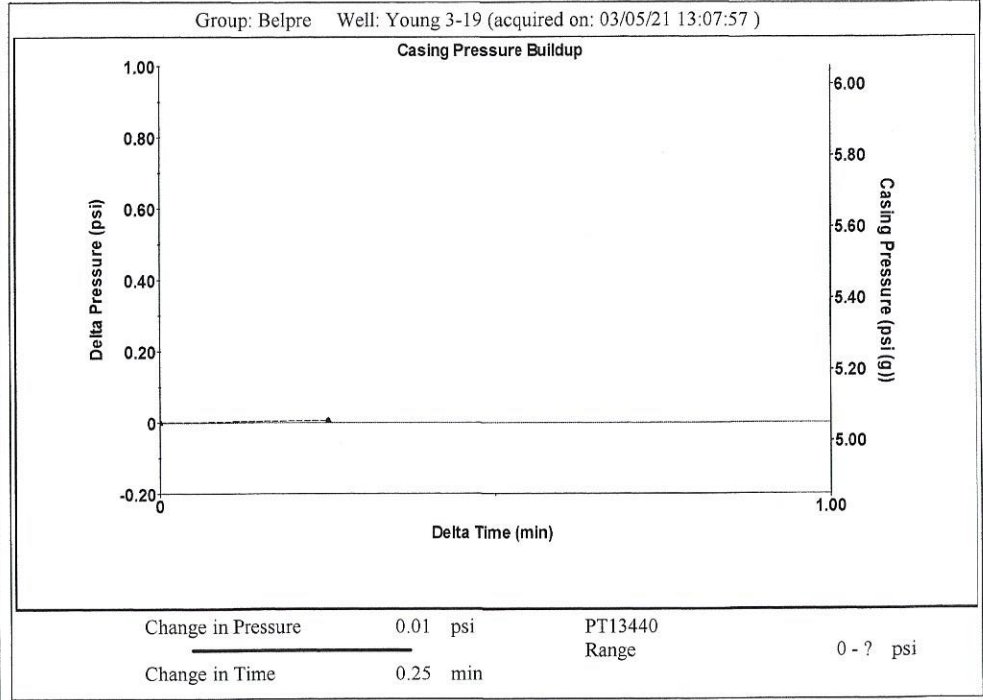
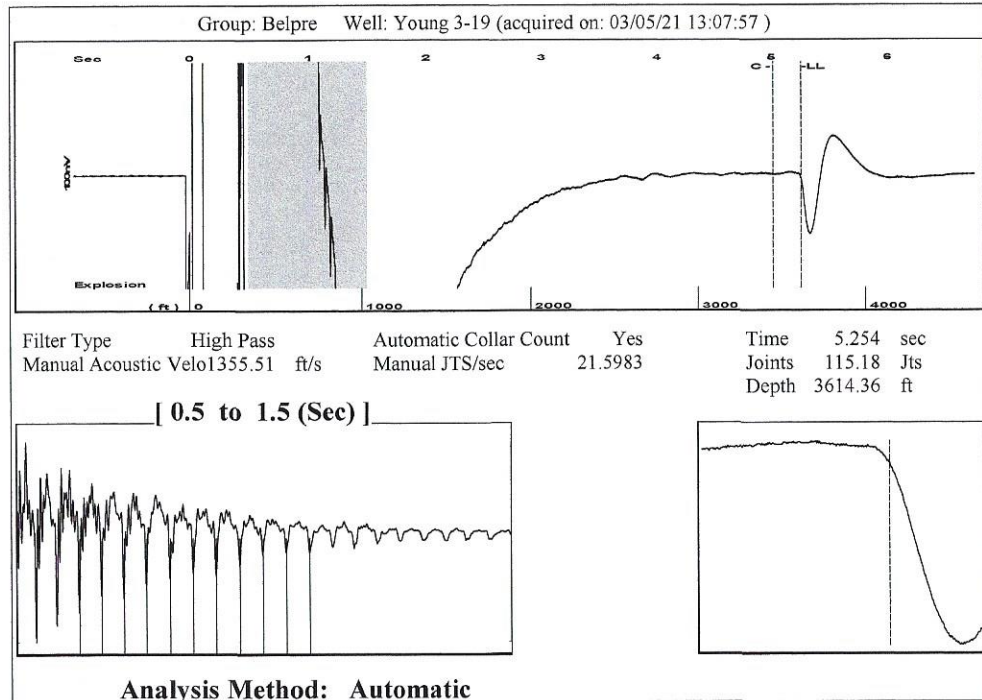


Pump Intake 209.2 psi (g)  
 Producing BHP 145.0 psi (g)  
 Static BHP - \*- psi (g)

Group: Radium Well: Langer 1-4 (acquired on: 03/08/21 11:37:51 )

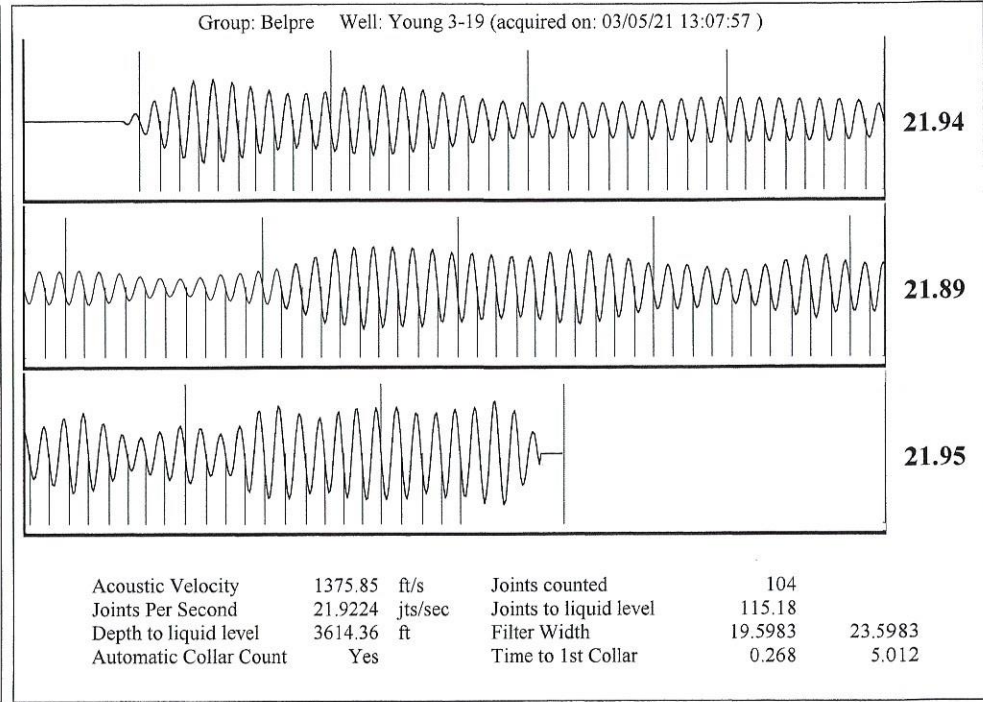


Acoustic Velocity	996.118 ft/s	Joints counted	68
Joints Per Second	15.7116 jts/sec	Joints to liquid level	75.3688
Depth to liquid level	2389.19 ft	Filter Width	13.4321
Automatic Collar Count	Yes	Time to 1st Collar	0.26
			4.588

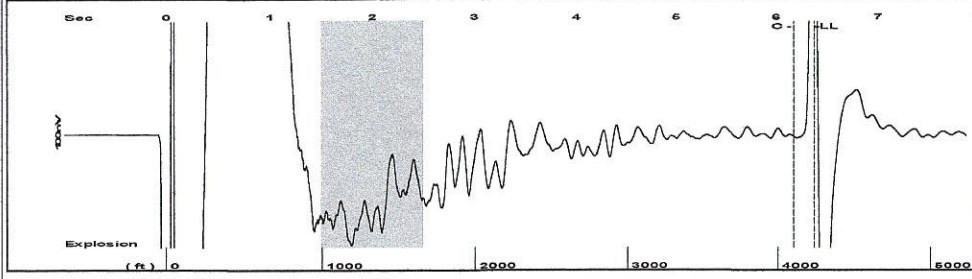


Group: Belpre Well: Young 3-19 (acquired on: 03/05/21 13:07:57)

Production Current	Potential	Casing Pressure	Producing
Oil -*-	-*- BBL/D	5.1 psi (g)	
Water -*-	-*- BBL/D	Casing Pressure Buildup	Annular Gas Flow
Gas -*-	-*- Mscf/D	0.0 psi	0 Mscf/D
		0.25 min	% Liquid
IPR Method	Vogel	Gas/Liquid Interface Pressure	98 %
PBHP/SBHP	-*-	6.6 psi (g)	
Production Efficiency	0.0		
Oil 40 deg.API		Liquid Level Depth	
Water 1.05 Sp.Gr.H2O		3614.36 ft	
Gas 0.64 Sp.Gr.AIR		Pump Intake Depth	
		4268.00 ft	
Acoustic Velocity	1375.85 ft/s	Formation Depth	
		4227.00 ft	
Formation Submergence		Pump Intake	
Total Gaseous Liquid Column HT (TVD)	654 ft	221.7 psi (g)	
Equivalent Gas Free Liquid HT (TVD)	641 ft	Producing BHP	
		208.1 psi (g)	
Acoustic Test		Static BHP	
		-*- psi (g)	

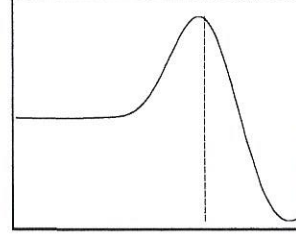
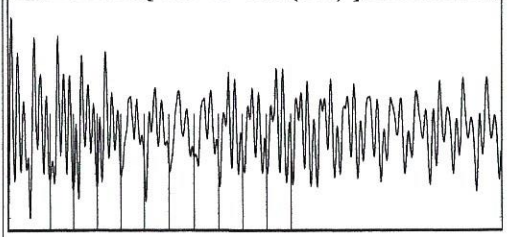


Group: Belpre Well: Lunz A 4-21 (acquired on: 03/05/21 13:29:09)



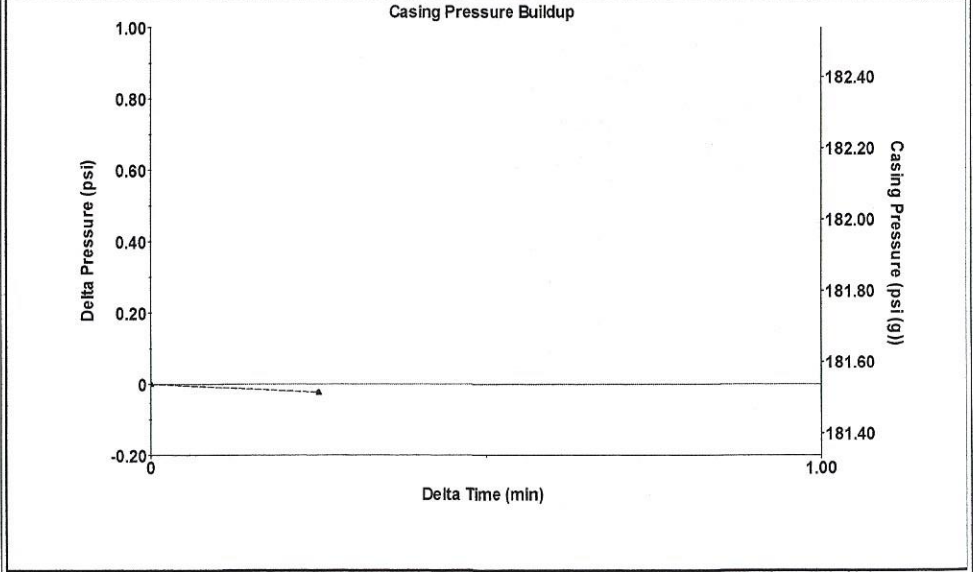
Filter Type High Pass Automatic Collar Count Yes Time 6.373 sec  
 Manual Acoustic Velo 1313.81 ft/s Manual JTS/sec 20.6186 Joints 132.951 Jts  
 Depth 4235.82 ft

[ 1.5 to 2.5 (Sec) ]



Analysis Method: Automatic

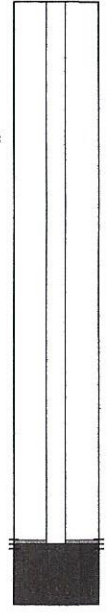
Group: Belpre Well: Lunz A 4-21 (acquired on: 03/05/21 13:29:09)



Change in Pressure -0.02 psi PT13440  
 Range 0 - ? psi  
 Change in Time 0.25 min

Group: Belpre Well: Lunz A 4-21 (acquired on: 03/05/21 13:29:09)

Production			
Current	Potential	Casing Pressure	Producing
Oil -*-	-* BBL/D	181.5 psi (g)	
Water -*-	-* BBL/D	Casing Pressure Buildup	Annular
Gas -*-	-* Mscf/D	-0.0 psi	Gas Flow
		0.25 min	0 Mscf/D
IPR Method	Vogel	Gas/Liquid Interface Pressure	% Liquid
PBHP/SBHP	-* -	201.3 psi (g)	100 %
Production Efficiency	0.0		
Oil 40 deg.API		Liquid Level Depth	
Water 1.05 Sp.Gr.H2O		4235.82 ft	
Gas 0.67 Sp.Gr.AIR		Pump Intake Depth	
		4270.00 ft	
Acoustic Velocity	1329.3 ft/s	Formation Depth	
		4271.00 ft	

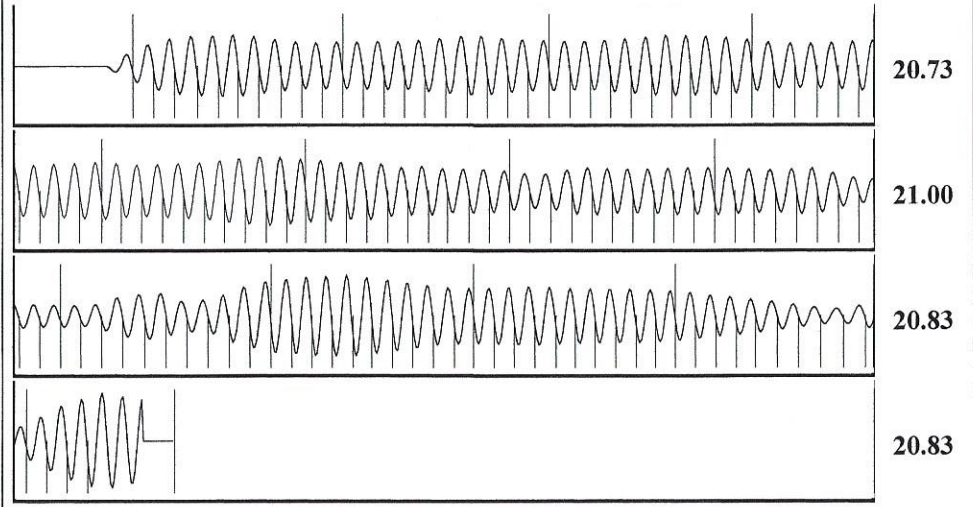


Pump Intake 212.7 psi (g)  
 Producing BHP 213.1 psi (g)  
 Static BHP - \* - psi (g)

Formation Submergence  
 Total Gaseous Liquid Column HT (TVD) 34 ft  
 Equivalent Gas Free Liquid HT (TVD) 34 ft

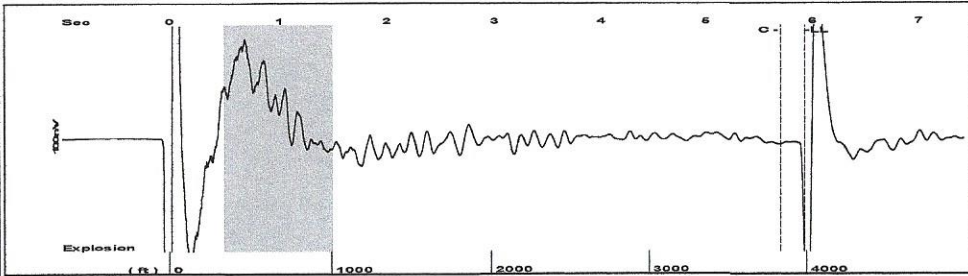
Acoustic Test

Group: Belpre Well: Lunz A 4-21 (acquired on: 03/05/21 13:29:09)



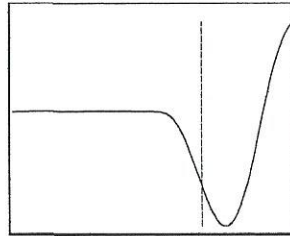
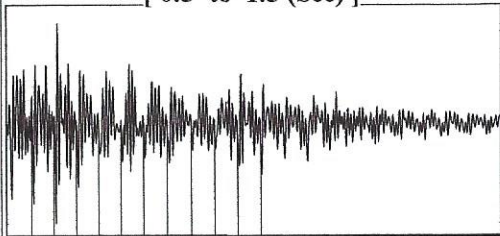
Acoustic Velocity	1329.3 ft/s	Joints counted	123
Joints Per Second	20.8616 jts/sec	Joints to liquid level	132.951
Depth to liquid level	4235.82 ft	Filter Width	18.6186
Automatic Collar Count	Yes	Time to 1st Collar	0.276
			6.172

Group: Belpre Well: Lunz 2-21 (acquired on: 03/05/21 13:38:00)



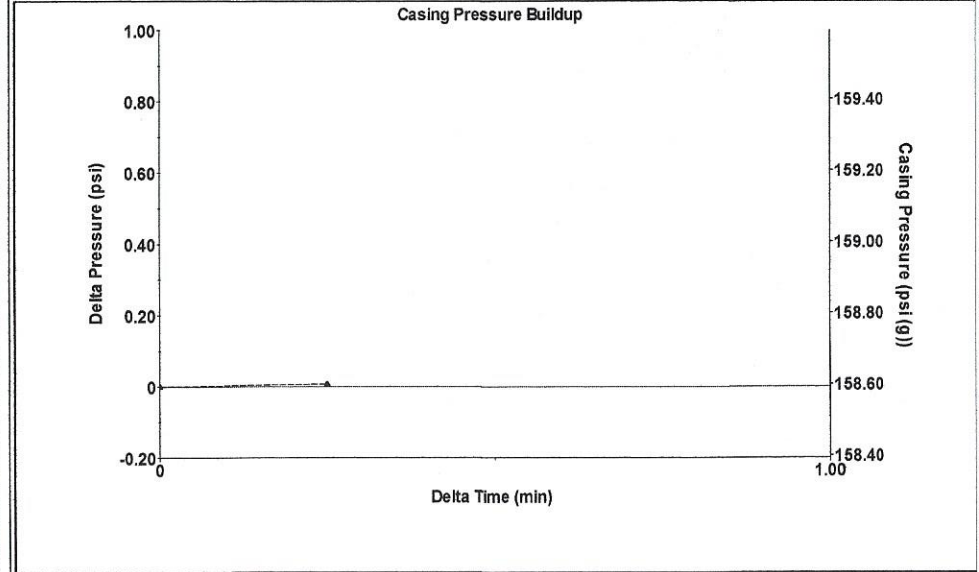
Filter Type High Pass Automatic Collar Count Yes Time 5.924 sec  
 Manual Acoustic Velo 1339.09 ft/s Manual JTS/sec 21.5983 Joints 128.593 Jts  
 Depth 3986.39 ft

[ 0.5 to 1.5 (Sec) ]



Analysis Method: Automatic

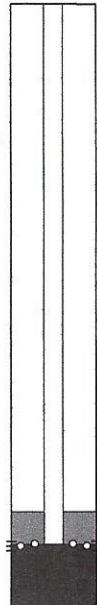
Group: Belpre Well: Lunz 2-21 (acquired on: 03/05/21 13:38:00)



Change in Pressure 0.01 psi PT13440  
 Range 0 - ? psi  
 Change in Time 0.25 min

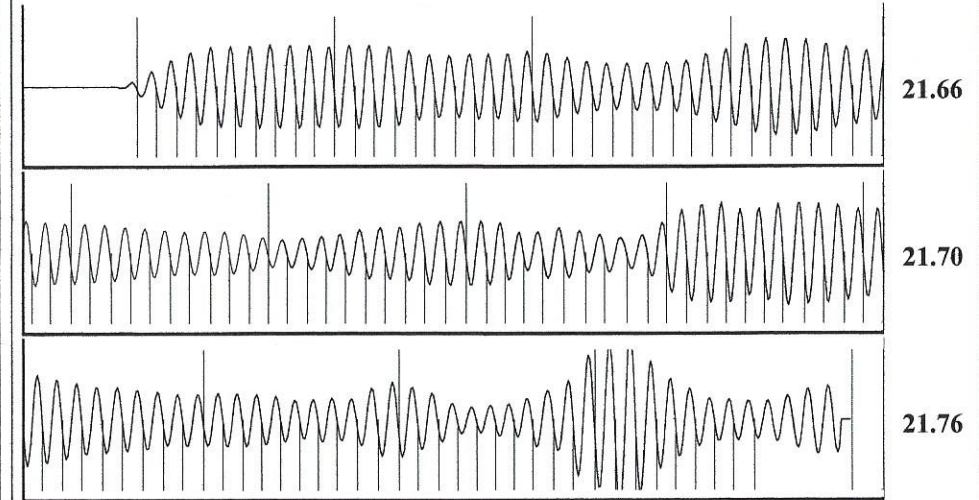
Group: Belpre Well: Lunz 2-21 (acquired on: 03/05/21 13:38:00)

Production	Potential	Casing Pressure
Current	- * - BBL/D	158.6 psi (g)
Oil - * -	- * - BBL/D	Casing Pressure Buildup
Water - * -	- * - Mscf/D	0.0 psi
Gas - * -		0.25 min
IPR Method	Vogel	Gas/Liquid Interface Pressure
PBHP/SBHP	- * -	174.6 psi (g)
Production Efficiency	0.0	
Oil 40 deg.API		Liquid Level Depth
Water 1.05 Sp.Gr.H2O		3986.39 ft
Gas 0.65 Sp.Gr.AIR		Pump Intake Depth
		4279.00 ft
Acoustic Velocity	1345.84 ft/s	Formation Depth
		4291.00 ft
Formation Submergence		
Total Gaseous Liquid Column HT (TVD)	293 ft	
Equivalent Gas Free Liquid HT (TVD)	282 ft	



Producing  
 Annular Gas Flow 1 Mscf/D  
 % Liquid 96 %  
 Pump Intake 268.5 psi (g)  
 Producing BHP 273.8 psi (g)  
 Static BHP - \* - psi (g)

Group: Belpre Well: Lunz 2-21 (acquired on: 03/05/21 13:38:00)



Acoustic Velocity	1345.84 ft/s	Joints counted	118
Joints Per Second	21.7071 jts/sec	Joints to liquid level	128.593
Depth to liquid level	3986.39 ft	Filter Width	19.5983
Automatic Collar Count	Yes	Time to 1st Collar	0.264
			23.5983
			5.7

April 20, 2021

Loveness Mpanje  
F. G. Holl Company L.L.C.  
9431 E CENTRAL STE 100  
WICHITA, KS 67206-2563

Re: Temporary Abandonment  
API 15-047-20863-00-00  
BREITENBACH D 1-29  
SW/4 Sec.29-24S-16W  
Edwards County, Kansas

Dear Loveness Mpanje:

"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 04/20/2022.

- \* 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 04/20/2022.

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

Very truly yours,

Michael Maier"