KOLAR Document ID: 1430285

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# 5056
Name: F. G. Holl Company L.L.C.
Address 1: 9431 E CENTRAL STE 100
Address 2:
City: WICHITA State: KS Zip: 67206 + 2563
Contact Person: Loveness Mpanje
Phone: (316) 684-8481
Contact Person Email: lmpanje@fgholl.com
Field Contact Person: Rob Long
Field Contact Person Phone: (620) 793-0915

API No. 15- 15-009-25932-00-03
Spot Description:
__ - SE - SW - NE Sec. 30 Twp. 20 S. R. 15 ☐ E ☑ W
2340 feet from ☑ N / ☐ S Line of Section
1570 feet from ☑ E / ☐ W Line of Section
GPS Location: Lat: (e.g. xx.xxxxx) , Long: (e.g. -xxx.xxxxx)
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Barton Elevation: 2039 ☐ GL ☑ KB
Lease Name: SMITH D. Well #: 1-30
Well Type: *(check one)* ☐ Oil ☑ Gas ☐ OG ☐ WSW ☐ Other:
☐ SWD Permit #: ☐ ENHR Permit #:
☐ Gas Storage Permit #:
Spud Date: 03/14/2018 Date Shut-In: 07/12/2018

	Conductor	Surface	Production	Intermediate	Liner	Tubing
Size	0	8.6250	5.50	0	0	2.8750
Setting Depth	0	1050	3996	0	0	3820
Amount of Cement	0	400	150	0	0	0
Top of Cement	0	0	3270	0	0	0
Bottom of Cement	0	1050	3996	0	0	0

Casing Fluid Level from Surface: 1022 How Determined? Survey Date: 01/07/2019
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: 4000 Plug Back Depth: Plug Back Method:

Geological Date:

Formation Name	Formation Top	Formation Base	Completion Information
1. Arbuckle	At:	to Feet	Perforation Interval 3779 to 3870 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: RICHARD WILLIAMS Comments: T/A#4-005,899
TA Approved: ☑ Yes ☐ Denied Date: 01/11/2019

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

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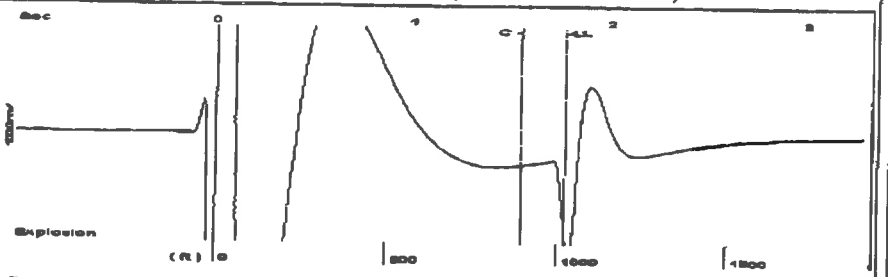
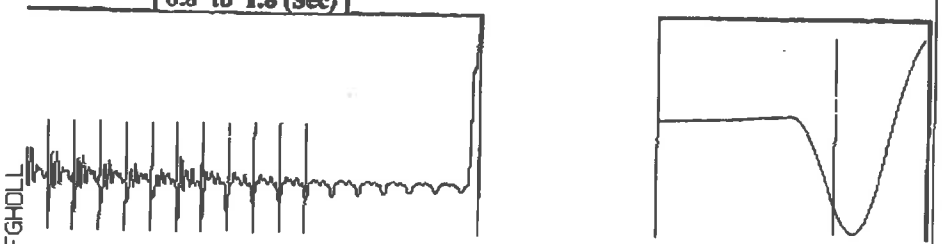
Group: Radium Well: Smith D 1-30 (acquired on: 01/07/19 12:53:14)



Filter Type High Pass
Manual Acoustic Velocl 154.84 ft/s
Automatic Collar Count Yes
Manual JTS/sec 17.9211
Time 1.771 sec
Joints 31.7235 jts
Depth 1022.13 ft

[0.8 to 1.8 (Sec)]

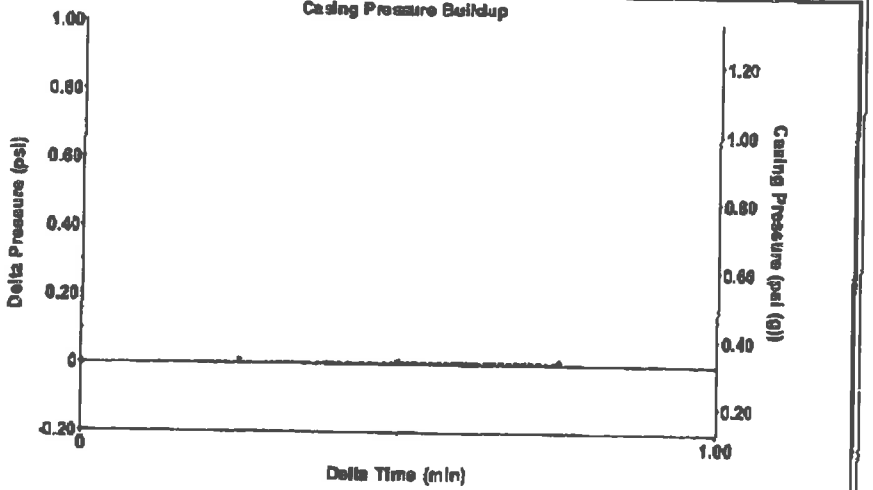


FGHDLL

Analysis Method: Automatic

Group: Radium Well: Smith D 1-30 (acquired on: 01/07/19 12:53:14)

Casing Pressure Buildup



Change in Pressure 0.01 psi
Change in Time 0.75 min
PT13440 Range 0 - ? psi

Group: Radium Well: Smith D 1-30 (acquired on: 01/07/19 12:53:14)

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

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

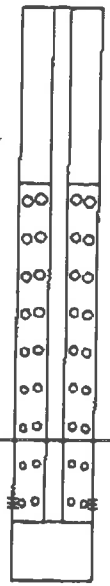
Oil 40 deg.API
Water 1.05 Sp.Gr.H2O
Gas 0.82 Sp.Gr.AIR

Acoustic Velocity 1154.3 ft/s

Casing Pressure
0.3 psi (g)
Casing Pressure Buildup
0.007 psi
0.75 min
Gas/Liquid Interface Pressure
0.8 psi (g)

Liquid Level Depth
1022.13 ft

Pump Intake Depth
3932.00 ft
Formation Depth
3779.00 ft



Producing

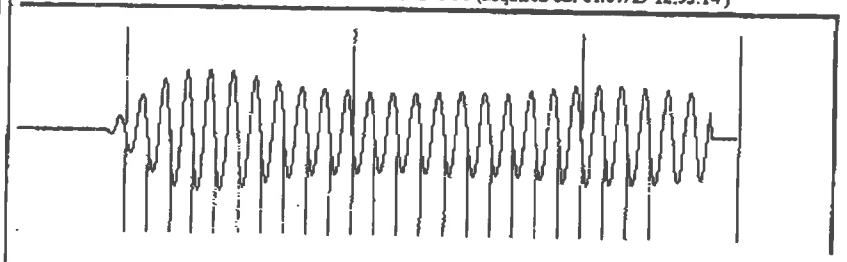
Annular
Gas Flow
0 Msc/D
% Liquid
100 %

Pump Intake
960.3 psi (g)
Producing BHP
912.8 psi (g)
Static BHP
-*- psi (g)

Formation Submergence
Total Gaseous Liquid Column HT (TVD) 2910 ft
Equivalent Gas Free Liquid HT (TVD) 2910 ft

Acoustic Test

Group: Radium Well: Smith D 1-30 (acquired on: 01/07/19 12:53:14)



17.91

Acoustic Velocity	1154.3	ft/s	Joints counted	23	
Joints Per Second	17.9128	jts/sec	Joints to liquid level	31.7235	
Depth to liquid level	1022.13	ft	Filter Width	15.9211	19.9211
Automatic Collar Count	Yes		Time to 1st Collar	0.264	1.548

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TAL WELL MANAGEMENT by ECHOMETER Company 01/07/19 13:00:31

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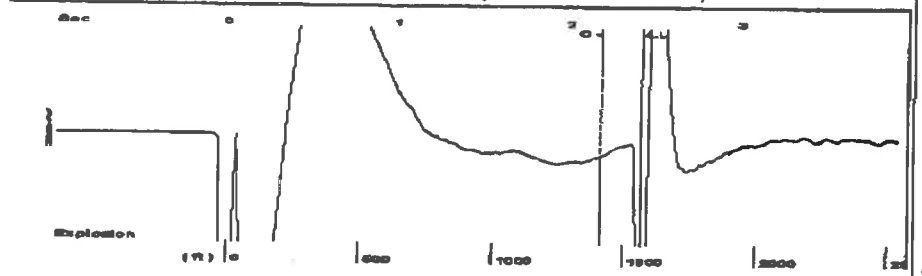
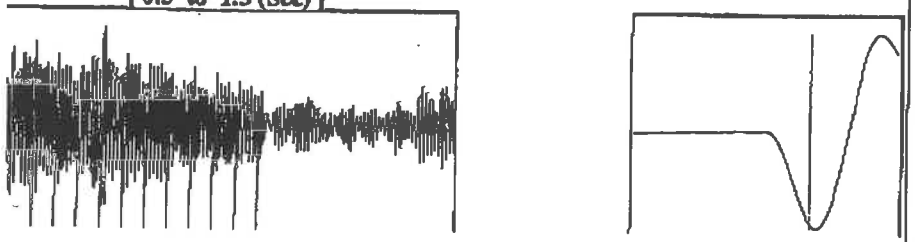
Group: Radium Well: Crosby 1-3 (acquired on: 01/07/19 13:29:19)



Filter Type High Pass
Manual Acoustic Velocity 1286 ft/s
Automatic Collar Count Yes
Manual JTS/sec 20.284

Time 2.419 sec
Joints 49.445 Jts
Depth 1567.41 ft

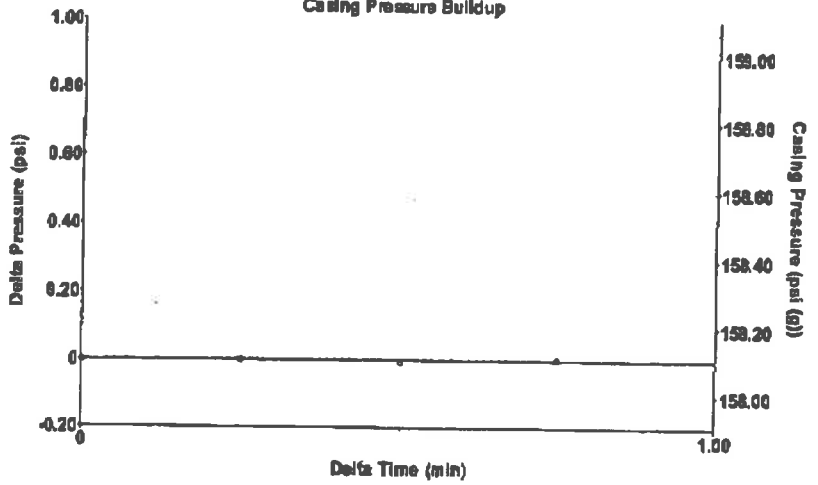
[0.5 to 1.5 (Sec)]



Analysis Method: Automatic

Group: Radium Well: Crosby 1-3 (acquired on: 01/07/19 13:29:19)

Casing Pressure Buildup



Change in Pressure 0.00 psi
Change in Time 0.75 min

PT13440
Range 0 - ? psi

Group: Radium Well: Crosby 1-3 (acquired on: 01/07/19 13:29:19)

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 0.67 Sp.Gr.AIR

Acoustic Velocity 1295.91 ft/s

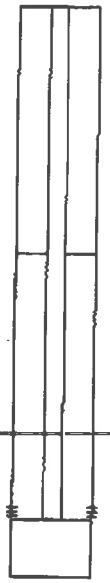
Casing Pressure
158.1 psi (g)
Casing Pressure Buildup
0.004 psi
0.75 min
Gas/Liquid Interface Pressure
164.7 psi (g)

Liquid Level Depth
1567.41 ft

Pump Intake Depth
3746.00 ft
Formation Depth
3684.00 ft

Producing

Annular Gas Flow
0 Mscf/D
% Liquid
100 %

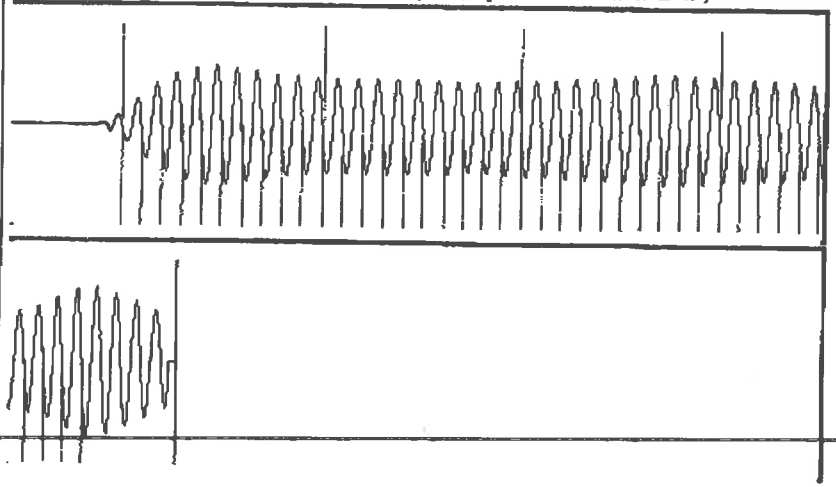


Pump Intake
880.0 psi (g)
Producing BHP
860.5 psi (g)
Static BHP
-•- psi (g)

Formation Submergence
Total Gaseous Liquid Column HT (TVD) 2179 ft
Equivalent Gas Free Liquid HT (TVD) 2179 ft

Acoustic Test

Group: Radium Well: Crosby 1-3 (acquired on: 01/07/19 13:29:19)



Acoustic Velocity	1295.91	ft/s	Joints counted	39	
Joints Per Second	20.4403	jts/sec	Joints to liquid level	49.445	
Depth to liquid level	1567.41	ft	Filter Width	18.284	22.284
Automatic Collar Count	Yes		Time to 1st Collar	0.276	2.184

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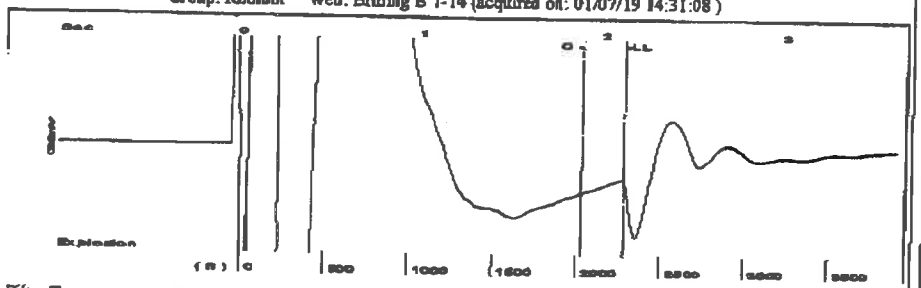
FGHOLL

6209953323

01/09/2019 15:33

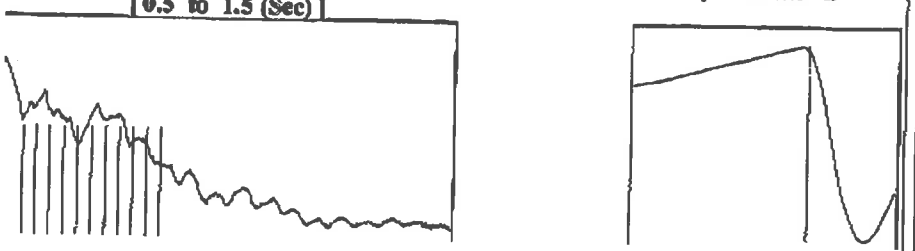
Group: Radium Well: Brining B 1-14 (acquired on: 01/07/19 14:31:08)



Filter Type High Pass
Manual Acoustic Velo 2086.67 ft/s
Automatic Collar Count Yes
Manual JTS/sec 33.3333

Time 2.106 sec
Joints 72.7683 Jts
Depth 2277.65 ft

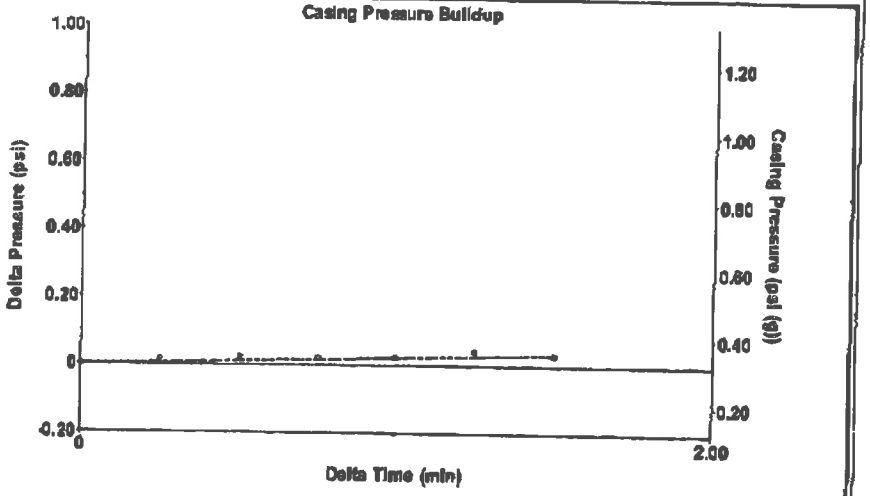
[0.5 to 1.5 (Sec)]



Analysis Method: Automatic

Group: Radium Well: Brining B 1-14 (acquired on: 01/07/19 14:31:08)

Casing Pressure Buildup



Change in Pressure 0.03 psi
Change in Time 1.50 min

PT13440
Range 0 - 7 psi

Group: Radium Well: Brining B 1-14 (acquired on: 01/07/19 14:31:08)

Production

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

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

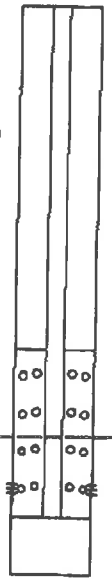
Oil 40 deg.API
Water 1.05 Sp.Gr.H2O
Gas 0.55 Sp.Gr.AIR

Acoustic Velocity 2163.01 ft/s

Casing Pressure
0.3 psi (g)
Casing Pressure Buildup
0.033 psi
1.50 min
Gas/Liquid Interface Pressure
1.0 psi (g)

Liquid Level Depth
2277.65 ft

Pump Intake Depth
3602.00 ft
Formation Depth
3378.00 ft



Producing

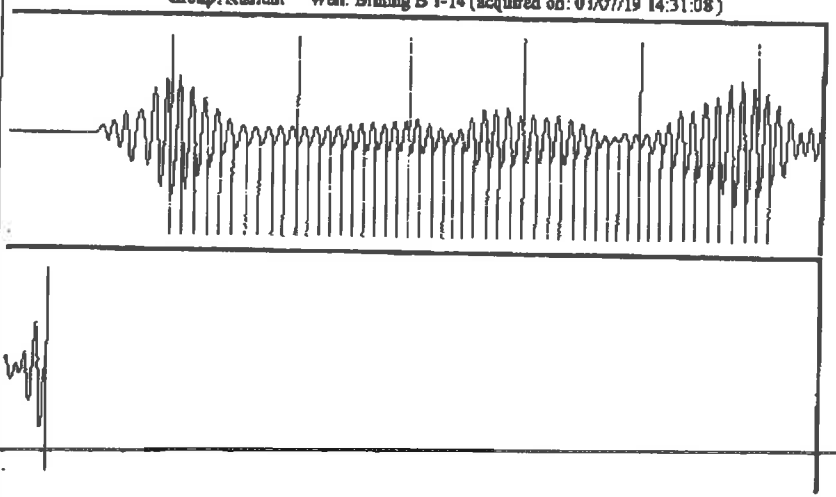
Annular Gas Flow
0 Mscf/D
% Liquid
99 %

Pump Intake
435.6 psi (g)
Producing BHP
362.7 psi (g)
Static BHP
-*- psi (g)

Formation Submergence
~~Total Gaseous Liquid Column HT (TVD)~~ 1324 ft
Equivalent Gas Free Liquid HT (TVD) 1309 ft

Acoustic Test

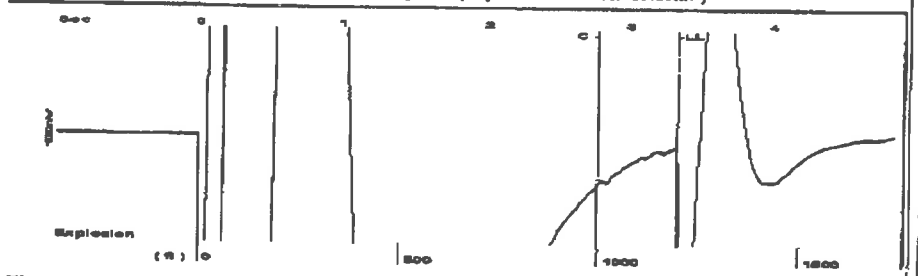
Group: Radium Well: Brining B 1-14 (acquired on: 01/07/19 14:31:08)



34.55

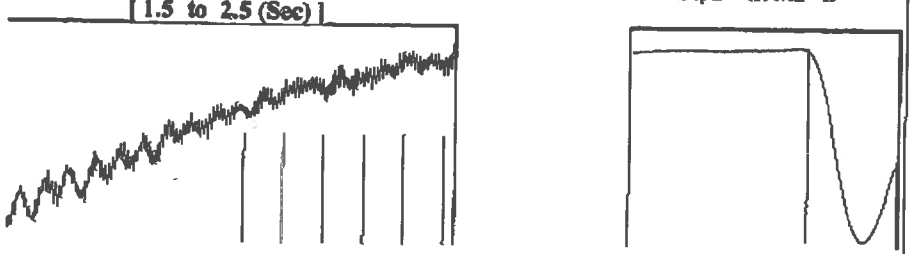
Acoustic Velocity	2163.01	ft/s	Joints counted	51	
Joints Per Second	34.5528	jts/sec	Joints to liquid level	72.7683	
Depth to liquid level	2277.65	ft	Filter Width	31.3333	35.3333
Automatic Collar Count	Yes		Time to 1st Collar	0.4	1.876

Group: Belpre Well: Anthony 1-12 (acquired on: 01/08/19 10:10:17)



Filter Type High Pass
Manual Acoustic Veloc 720.415 ft/s
Automatic Collar Count Yes
Manual JTS/sec 11.534
Time 3.339 sec
Joints 38.3164 jts
Depth 1196.62 ft

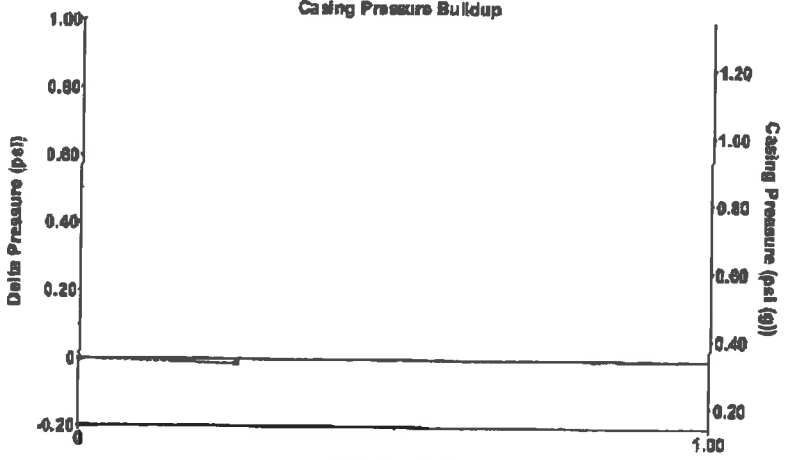
[1.5 to 2.5 (Sec)]



Analysis Method: Automatic

Group: Belpre Well: Anthony 1-12 (acquired on: 01/08/19 10:10:17)

Casing Pressure Buildup



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

Group: Belpre Well: Anthony 1-12 (acquired on: 01/08/19 10:10:17)

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

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

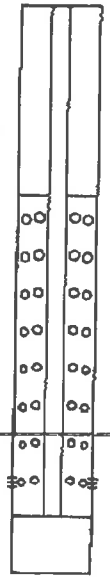
Oil 40 deg.API
Water 1.05 Sp.Gr.H2O
Gas 1.23 Sp.Gr.AIR

Acoustic Velocity 716.754 ft/s

Casing Pressure
0.3 psi (g)
Casing Pressure Buildup
-0.013 psi
0.25 min
Gas/Liquid Interface Pressure
1.1 psi (g)

Liquid Level Depth
1196.62 ft

Pump Intake Depth
4060.00 ft
Formation Depth
3757.00 ft



Producing

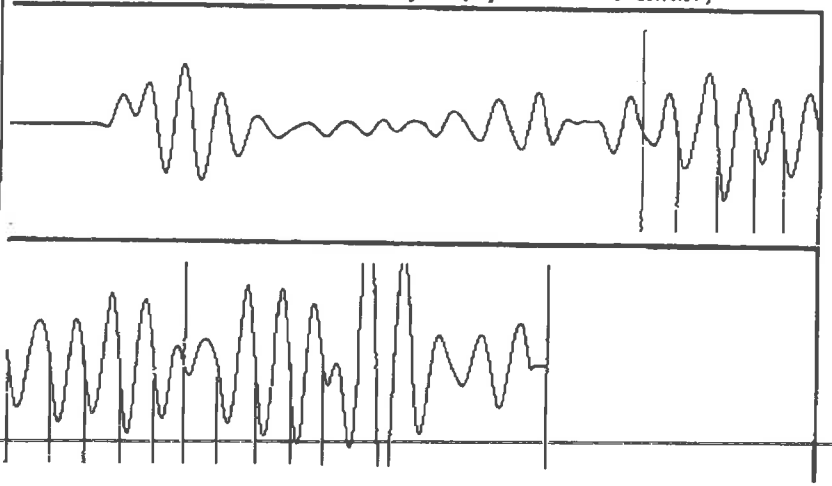
Annular
Gas Flow
0 Mscf/D
% Liquid
100 %

Pump Intake
933.4 psi (g)
Producing BHP
841.6 psi (g)
Static BHP
-*- psi (g)

Formation Submergence
Total Gaseous Liquid Column HT (TVD) 2863 ft
Equivalent Gas Free Liquid HT (TVD) 2863 ft

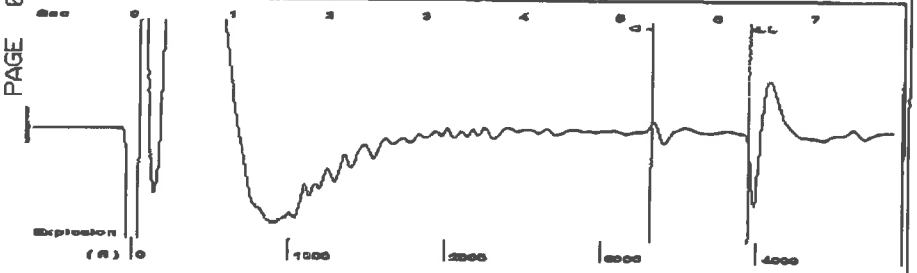
Acoustic Test

Group: Belpre Well: Anthony 1-12 (acquired on: 01/08/19 10:10:17)



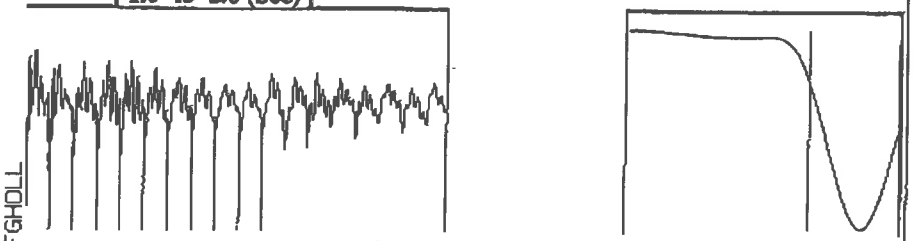
Acoustic Velocity	716.754 ft/s	Joints counted	14	
Joints Per Second	11.4754 jts/sec	Joints to liquid level	38.3164	
Depth to liquid level	1196.62 ft	Filter Width	9.53403	13.534
Automatic Collar Count	Yes	Time to 1st Collar	1.564	2.784

Group: Belpre Well: Davis 4-4 (acquired on: 01/08/19 10:54:39)



Type High Pass
al Acoustic Velocl 240.16 ft/s
Automatic Collar Count Yes
Manual JTS/sec 19.8807
Time 6.335 sec
Joints 126.35 jts
Depth 3940.85 ft

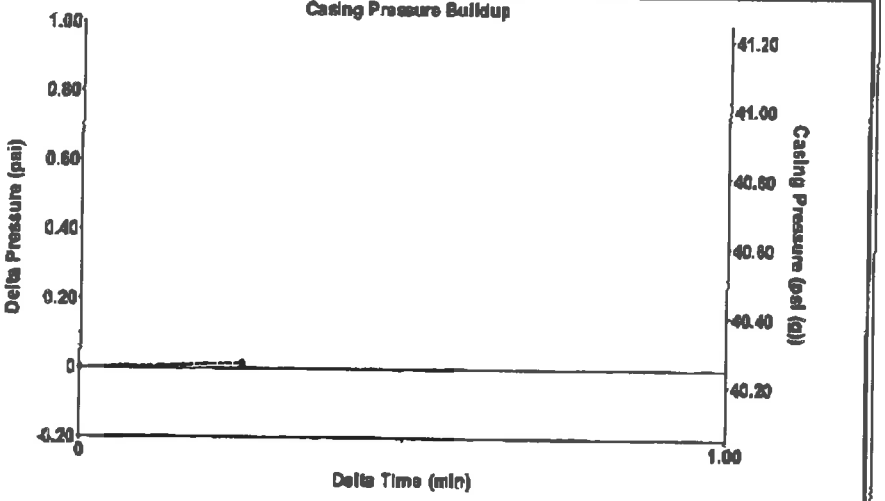
[1.0 to 2.0 (Sec)]



Analysis Method: Automatic

Group: Belpre Well: Davis 4-4 (acquired on: 01/08/19 10:54:39)

Casing Pressure Buildup



Change in Pressure 0.01 psi
Change in Time 0.25 min
PT13440
Range 0 - 9 psi

Group: Belpre Well: Davis 4-4 (acquired on: 01/08/19 10:54:39)

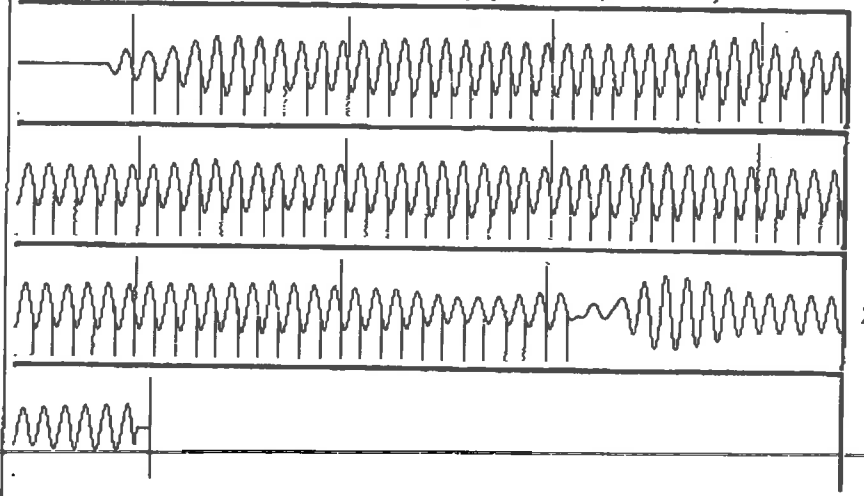
luction
Current
Potential
-*- -*- BBL/D
-*- -*- BBL/D
-*- -*- Mscf/D
Method Vogel
IP/SBHP -*-
luction Efficiency 0.0
40 deg.API
1.05 Sp.Gr H2O
0.75 Sp.Gr.AIR
stic Velocity 1244.15 ft/s

Casing Pressure
40.2 psi (g)
Casing Pressure Buildup
0.013 psi
0.25 min
Gas/Liquid Interface Pressure
46.0 psi (g)
Liquid Level Depth
3940.85 ft
Pump Intake Depth
4337.00 ft
Formation Depth
4296.00 ft

Producing
Annular Gas Flow
1 Mscf/D
% Liquid
92 %
Pump Intake
169.9 psi (g)
Producing BHP
156.1 psi (g)
Static BHP
-*- psi (g)

ation Submergence
Gaseous Liquid Column HT (TVD) 396 ft
valent Gas Free Liquid HT (TVD) 367 ft
stic Test

Group: Belpre Well: Davis 4-4 (acquired on: 01/08/19 10:54:39)



Acoustic Velocity	1244.15	ft/s	Joints counted	101	
Joints Per Second	19.9447	jts/sec	Joints to liquid level	126.35	
Depth to liquid level	3940.85	ft	Filter Width	17.8807	21.8807
Automatic Collar Count	Yes		Time to 1st Collar	0.276	5.34

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FGHOLL
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AL WELL MANAGEMENT by ECHOMETER Company 01/08/19 10:55:30

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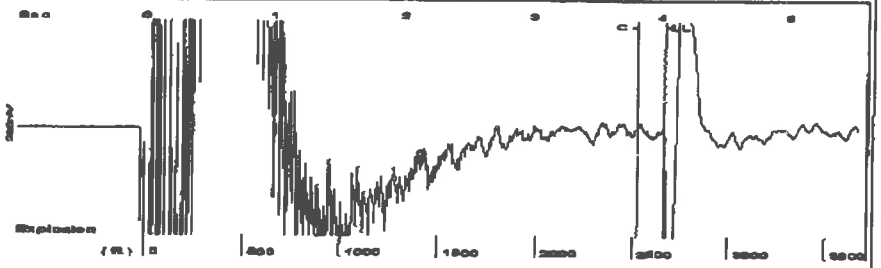
FGHOLL

6209953323

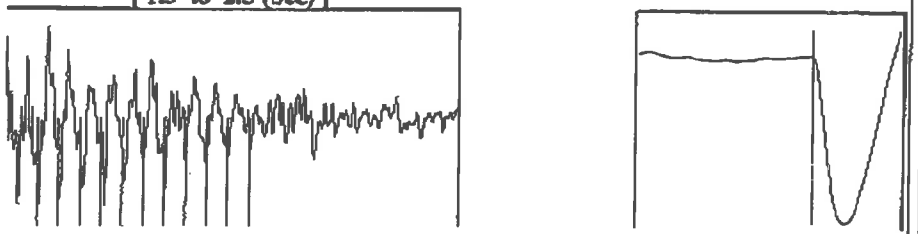
01/09/2019 15:33

Group: Belpre Well: City of Garfield 1-31 (acquired on: 01/08/19 11:56:12)



Filter Type High Pass | Automatic Collar Count Yes | Time 4.028 sec
Manual Acoustic Velocity 1290.32 ft/s | Manual JTS/sec 21.5054 | Joints 88.9536 Jts
Depth 2668.61 ft

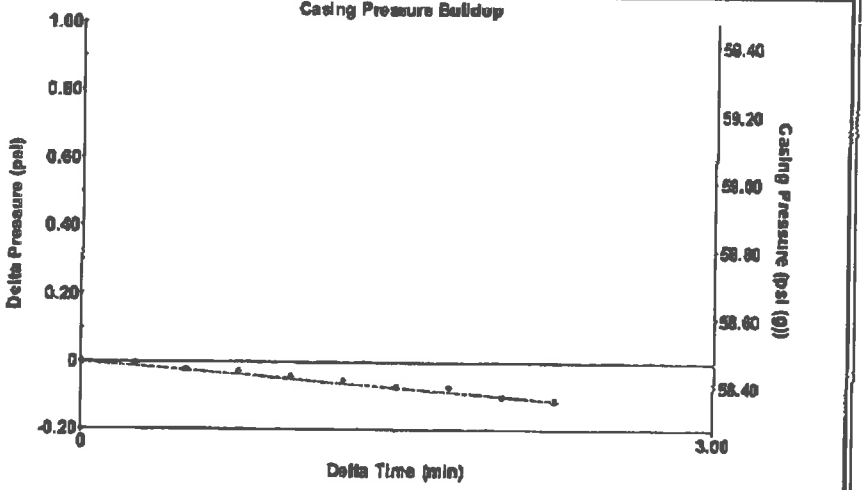
[1.5 to 2.5 (Sec)]



Analysis Method: Automatic

Group: Belpre Well: City of Garfield 1-31 (acquired on: 01/08/19 11:56:12)

Casing Pressure Buildup



Change in Pressure -0.11 psi | PT13440 Range 0 - 7 psi
Change in Time 2.25 min

Group: Belpre Well: City of Garfield 1-31 (acquired on: 01/08/19 11:56:12)

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 0.67 Sp.Gr.AIR

Acoustic Velocity 1325.03 ft/s

Casing Pressure 58.5 psi (g)
Casing Pressure Buildup -0.113 psi / 2.25 min
Gas/Liquid Interface Pressure -*- psi (g)
Liquid Level Depth 2668.61 ft
Pump Intake Depth -*- ft
Formation Depth 4318.00 ft

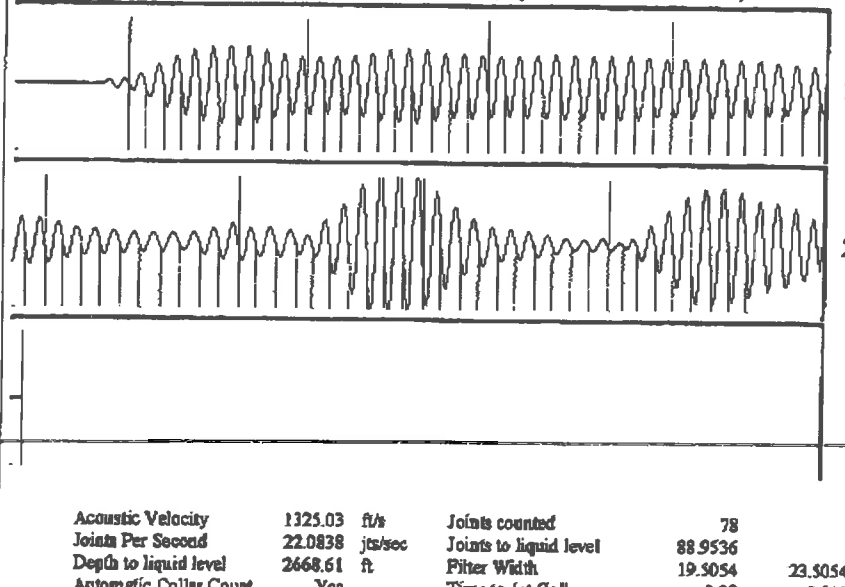
Producing

Annular Gas Flow -*- Mscf/D
% Liquid 100 %

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

Acoustic Test

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



Acoustic Velocity	1325.03	ft/s	Joints counted	78	
Joints Per Second	22.0838	jts/sec	Joints to liquid level	88.9536	
Depth to liquid level	2668.61	ft	Filter Width	19.5054	23.5054
Automatic Collar Count	Yes		Time to 1st Collar	0.28	3.812

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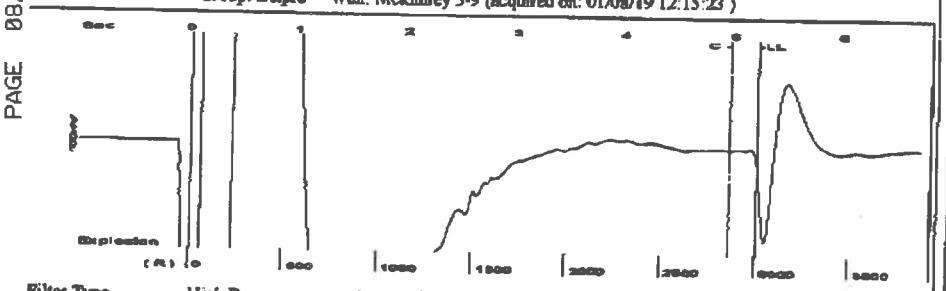
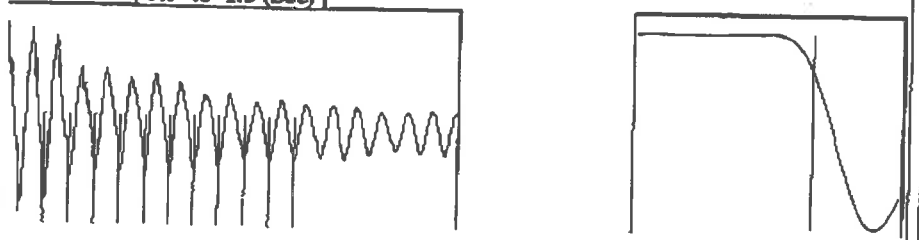
Group: Belpre Well: Mckinney 3-9 (acquired on: 01/08/19 12:15:23)



Filter Type High Pass
Manual Acoustic Velocity 1144.85 ft/s
Automatic Collar Count Yes
Manual JTS/sec 18.3824
Time 5.218 sec
Joints 96.6708 jts
Depth 3010.33 ft

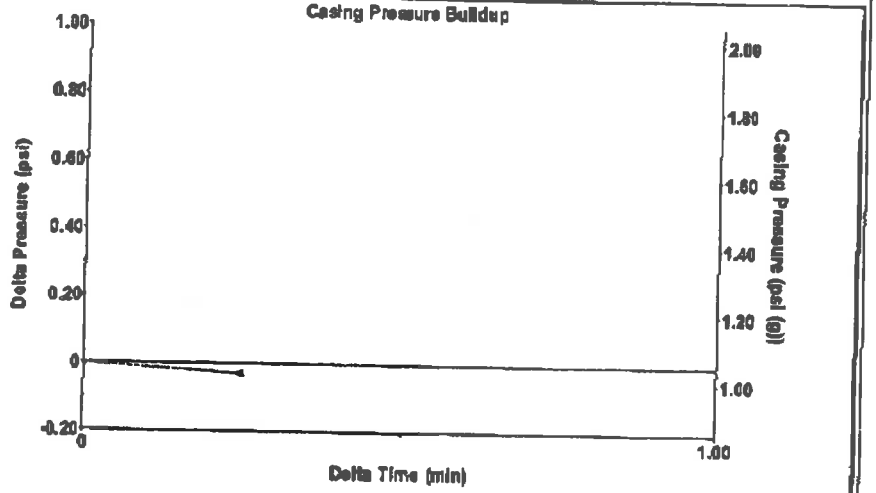
0.5 to 1.5 (Sec)



Analysis Method: Automatic

Group: Belpre Well: Mckinney 3-9 (acquired on: 01/08/19 12:15:23)

Casing Pressure Buildup



Change in Pressure -0.03 psi
Change in Time 0.25 min
PT13440 Range 0 - 7 psi

Group: Belpre Well: Mckinney 3-9 (acquired on: 01/08/19 12:15:23)

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

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

Oil 40 deg.API
Water 1.05 Sp.Gr.H2O
Gas 0.83 Sp.Gr.AIR

Acoustic Velocity 1153.82 ft/s

Casing Pressure 1.0 psi (g)
Casing Pressure Buildup -0.030 psi 0.25 min
Gas/Liquid Interface Pressure 34.7 psi (g)
Liquid Level Depth 3010.33 ft
Pump Intake Depth -*- ft
Formation Depth 4322.00 ft

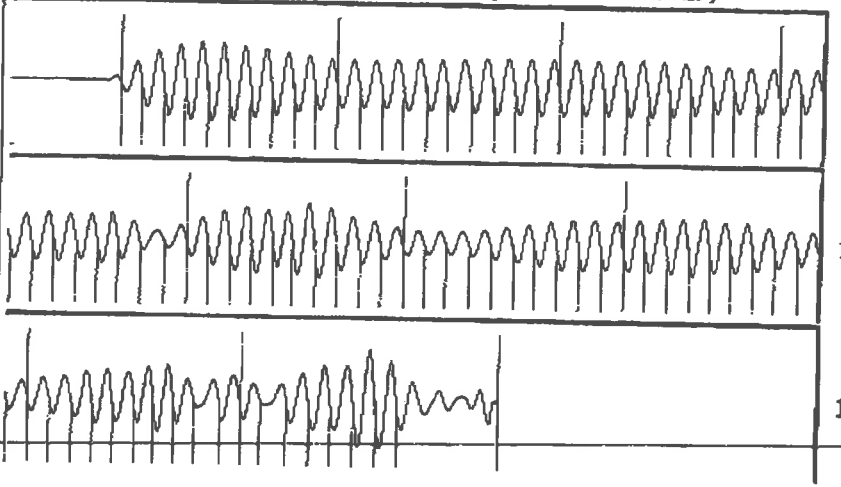
Producing
Annular Gas Flow 2 Mscf/D
% Liquid 90 %

Pump Intake -*- psi (g)
Producing BHP 572.5 psi (g)
Static BHP -*- psi (g)

Formation Submergence
Total Gaseous Liquid Column HT (TVD) 1312 ft
Equivalent Gas Free Liquid HT (TVD) 1180 ft

Acoustic Test

Group: Belpre Well: Mckinney 3-9 (acquired on: 01/08/19 12:15:23)

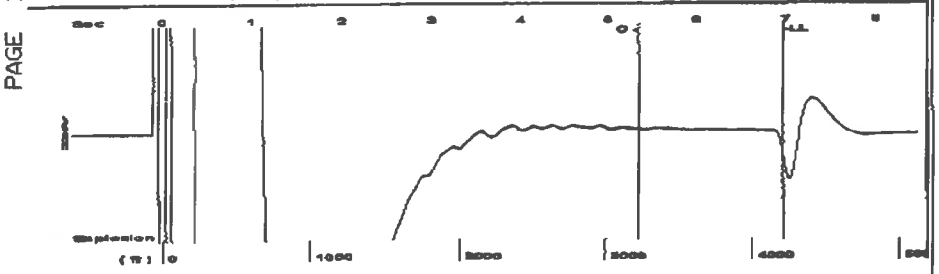


Acoustic Velocity	1153.82	ft/s	Joints counted	87	
Joints Per Second	18.5264	jts/sec	Joints to liquid level	96.6708	
Depth to liquid level	3010.33	ft	Filter Width	16.3824	20.3824
Automatic Collar Count	Yes		Time to 1st Collar	0.272	4.968

6209953323 01/09/2019 15:33

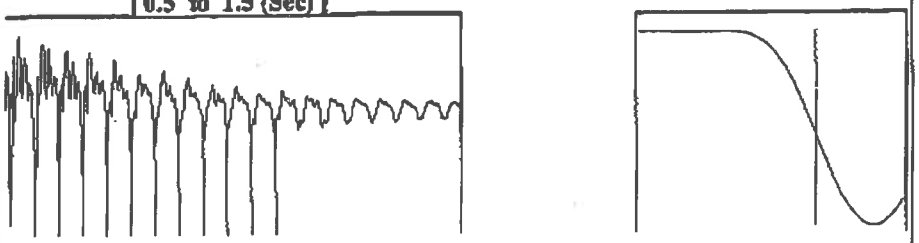
TAL WELL MANAGEMENT by ECHOMETER Company 01/08/19 12:16:00

Group: Belpre Well: Grizzell 3-11 (acquired on: 01/08/19 14:07:02)



Filter Type High Pass
Manual Acoustic Velocl 201.91 ft/s
Automatic Collar Count Yes
Manual JTS/sec 19.1205
Time 6.975 sec
Joints 134.029 Jts
Depth 4212.54 ft

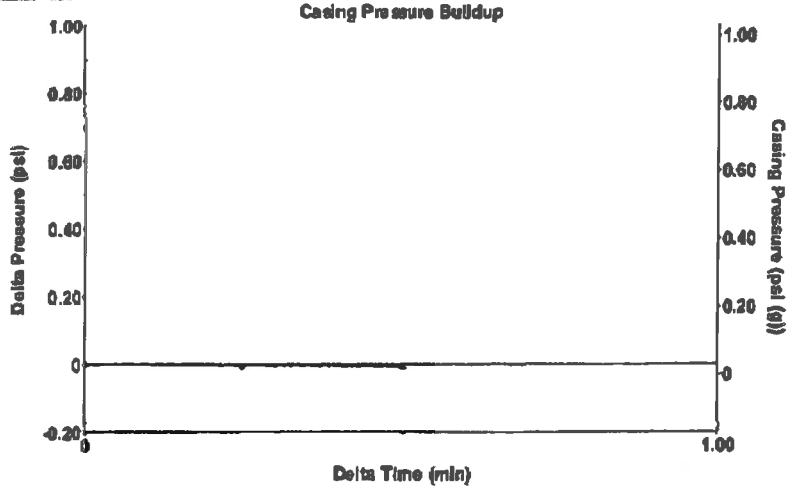
[0.5 to 1.5 (Sec)]



Analysis Method: Automatic

Group: Belpre Well: Grizzell 3-11 (acquired on: 01/08/19 14:07:02)

Casing Pressure Buildup



Change in Pressure -0.01 psi
Change in Time 0.50 min
PTT3440
Range 0 - ? psi

Group: Belpre Well: Grizzell 3-11 (acquired on: 01/08/19 14:07:02)

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 0.80 Sp.Gr.AIR

Acoustic Velocity 1207.9 ft/s

Casing Pressure
0.0 psi (g)
Casing Pressure Buildup
-0.0 psi
0.50 min
Gas/Liquid Interface Pressure
1.8 psi (g)

Liquid Level Depth
4212.54 ft

Pump Intake Depth
4338.00 ft
Formation Depth
4290.00 ft

Producing

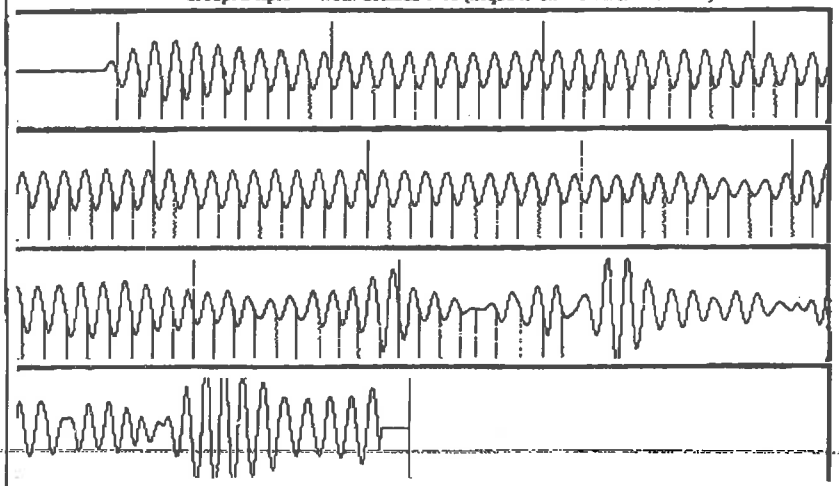
Annular Gas Flow
0 Mscf/D
% Liquid
100 %

Pump Intake
44.4 psi (g)
Producing BHP
28.1 psi (g)
Static BHP
-*- psi (g)

Formation Submergence
Total Gaseous Liquid Column HT (TVD) 125 ft
Equivalent Gas Free Liquid HT (TVD) 125 ft

Acoustic Test

Group: Belpre Well: Grizzell 3-11 (acquired on: 01/08/19 14:07:02)



Acoustic Velocity	1207.9	ft/s	Joints counted	98	
Joints Per Second	19.2157	jts/sec	Joints to liquid level	134.029	
Depth to liquid level	4212.54	ft	Filter Width	17.1205	21.1205
Automatic Collar Count	Yes		Time to 1st Collar	0.248	5.348

STATE OF KANSAS

CORPORATION COMMISSION
CONSERVATION DIVISION
DISTRICT OFFICE NO. 4
2301 E. 13TH STREET
HAYS, KS 67601-2651

PHONE: 785-261-6250
FAX: 785-625-0564
http://kcc.ks.gov/

GOVERNOR JEFF COLYER, M.D.
SHARI FEIST ALBRECHT, CHAIR | JAY SCOTT EMLER, COMMISSIONER | DWIGHT D. KEEN, COMMISSIONER

January 11, 2019

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

Re: Temporary Abandonment
API 15-009-25932-00-03
SMITH D. 1-30
NE/4 Sec.30-20S-15W
Barton 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 01/11/2020.

* 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 01/11/2020.

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

Very truly yours,

RICHARD WILLIAMS "