



DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
KOSTER"H"#1-32DST#1

Company R. L. Investment, LLC Lease & Well No. Koster "H" No. 1-32
Elevation 2843 KB Formation Lansing "B" & "D" Effective Pay Ft. Ticket No. P0174
Date 4-6-17 Sec. 32 Twp. 8S Range 29W County Sheridan State Kansas
Test Approved By Patrick J. Deenihan Diamond Representative Michael Carroll

Formation Test No. 1 Interval Tested from 3,946 ft. to 3,991 ft. Total Depth 3,991 ft.
Packer Depth 3,940 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Packer Depth 3,946 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,933 ft. Recorder Number 5950 Cap. 5,000 psi.
Bottom Recorder Depth (Outside) 3,983 ft. Recorder Number 0230 Cap. 5,000 psi.
Below Straddle Recorder Depth ft. Recorder Number Cap. psi.

Drilling Contractor STP Drilling Company - Rig 1 Drill Collar Length 122 ft. I.D. 2 1/4 in.
Mud Type Chemical Viscosity 46 Weight Pipe Length ft. I.D. in.
Weight 9.3 Water Loss 9.2 cc. Drill Pipe Length 3,798 ft. I.D. 3 1/2 in.
Chlorides 1,000 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number Not Run Anchor Length 14' perf. w/31' drill pipe Size 4 1/2-FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Blow: 1st Open: Weak, surface blow increasing to 5 ins. in 30 mins. No blow back during shut-in.
2nd Open: Weak, surface blow increasing to 6 ins. in 45 mins. No blow back during shut-in.

Recovered 185 ft. of watery mud = 1.496730 bbls. (Grind out: 35%-water; 65%-mud) Chlorides: 24,000 Ppm PH: 7.0 RW: .30 @ 70°
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of
Remarks Tool Sample Grind Out: 40%-water; 60%-mud w/oil specks

Time Set Packer(s) 7:55 A.M. Time Started off Bottom 10:55 A.M. Maximum Temperature 120°
Initial Hydrostatic Pressure.....(A) 1905 P.S.I.
Initial Flow Period.....Minutes 30 (B) 13 P.S.I. to (C) 71 P.S.I.
Initial Closed In Period.....Minutes 45 (D) 1289 P.S.I.
Final Flow Period.....Minutes 45 (E) 73 P.S.I. to (F) 105 P.S.I.
Final Closed In Period.....Minutes 60 (G) 1276 P.S.I.
Final Hydrostatic Pressure.....(H) 1893 P.S.I.



Hoisington, Kansas

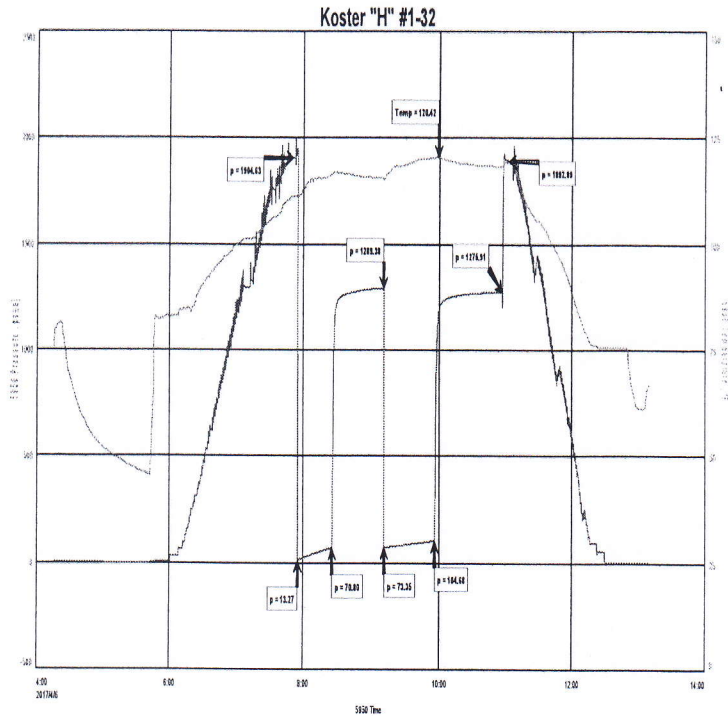
Michael Carroll
 620-617-0368
 carroll.dtlc@gmail.com

General Information

Company Name R. L. Investment, LLC

Contact	Randall Pfeifer
Well Name	Koster "H" #1-32
Unique Well ID	Dst #1 Lans "B&D" 3946-3991'
Surface Location	Sec 32-8s-29w Sheridan County
Field	Koster
Well Type	Vertical
Test Type	Drill Stem Test
Well Operator	R. L. Investment, LLC

Formation	Dst #1 Lans "B&D" 3946-3991'
Well Fluid Type	06 Water
Test Purpose	Initial Test
Start Test Date	2017/04/06
Start Test Time	04:15:00
Final Test Time	13:10:00
Job Number	P0174
Report Date	2017/04/06
Prepared By	Michael Carroll



TEST RECOVERY

Remarks Recovery: 185' WM 35% W 65% M

185' Total Fluid

Tool Sample: 40% W 60% M With Oil Specks

Chlorides: 24,000 PPM

PH: 7

RW: .3 @ 70 Degrees



DIAMOND TESTING, LLC
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KOSTER"H"#1-32DST#2

Company R. L. Investment, LLC Lease & Well No. Koster "H" No. 1-32
Elevation 2843 KB Formation Lansing/Kansas City "H" & "I" Effective Pay Ft. Ticket No. P0175
Date 4-8-17 Sec. 32 Twp. 8S Range 29W County Sheridan State Kansas
Test Approved By Patrick J. Deenihan Diamond Representative Michael Carroll

Formation Test No. 2 Interval Tested from 4,046 ft. to 4,102 ft. Total Depth 4,102 ft.
Packer Depth 4,040 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Packer Depth 4,046 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,033 ft. Recorder Number 5950 Cap. 5,000 psi.
Bottom Recorder Depth (Outside) 4,083 ft. Recorder Number 5588 Cap. 6,000 psi.
Below Straddle Recorder Depth ft. Recorder Number Cap. psi.

Drilling Contractor STP Drilling Company - Rig 1 Drill Collar Length 122 ft I.D. 2 1/4 in.
Mud Type Chemical Viscosity 47 Weight Pipe Length ft I.D. in.
Weight 9.3 Water Loss 7.6 cc. Drill Pipe Length 3,898 ft I.D. 3 1/2 in.
Chlorides 1,000 P.P.M. Test Tool Length 26 ft Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number Not Run Anchor Length 25' perf. w/31' drill pipe Size 4 1/2-FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Blow: 1st Open: 1/4 in. blow increasing to 4 ins. in 30 mins. No blow back during shut-in.
2nd Open: Weak, surface blow increasing to 3 1/2 ins. in 45 mins. No blow back during shut-in.

Recovered 75 ft. of gas in pipe
Recovered 25 ft. of clean oil = .123000 bbls. (Gravity: 33 @ 60°)
Recovered 50 ft. of slightly gas cut, oil cut, watery mud = .246000 bbls. (Grind out: 2%-gas; 20%-oil; 30%-water; 48%-mud)
Recovered 75 ft. of TOTAL FLUID = .369000 bbls. Chlorides: 22,000 Ppm PH: 9.0 RW: .35 @ 65°
Recovered ft. of
Recovered ft. of

Remarks Tool Sample Grind Out: 30%-oil; 10%-water; 60%-mud

Time Set Packer(s) 3:55 A.M. Time Started off Bottom 6:55 A.M. Maximum Temperature 119°
Initial Hydrostatic Pressure.....(A) 1973 P.S.I.
Initial Flow Period.....Minutes 30 (B) 38 P.S.I. to (C) 52 P.S.I.
Initial Closed In Period.....Minutes 45 (D) 885 P.S.I.
Final Flow Period.....Minutes 45 (E) 59 P.S.I. to (F) 70 P.S.I.
Final Closed In Period.....Minutes 60 (G) 931 P.S.I.
Final Hydrostatic Pressure.....(H) 1960 P.S.I.



Hoisington, Kansas

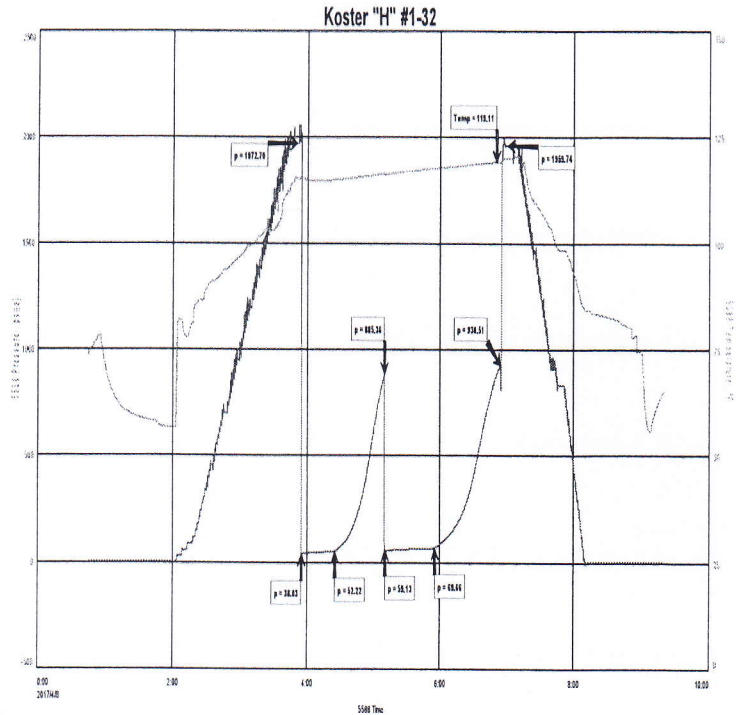
Michael Carroll
 620-617-0368
 carroll.dtlc@gmail.com

General Information

Company Name R. L. Investment, LLC

Contact	Randall Pfeifer
Well Name	Koster "H" #1-32
Unique Well ID	Dst #2 Lans/KC "H&I" 4046-4102'
Surface Location	Sec 32-8s-29w Sheridan County
Field	Koster
Well Type	Vertical
Test Type	Drill Stem Test
Well Operator	R. L. Investment, LLC

Formation	Dst #2 Lans/KC "H&I" 4046-4102'
Well Fluid Type	01 Oil
Test Purpose	Initial Test
Start Test Date	2017/04/08
Start Test Time	00:45:00
Final Test Time	09:15:00
Job Number	P0175
Report Date	2017/04/08
Prepared By	Michael Carroll



TEST RECOVERY

Remarks Recovery: 75' Gas In Pipe
 25' Clean Oil Gravity: 33 @ 60 Degrees
 50' SLGC,OC,WM 2% G 20% O 30% W 48% M
 75' Total Fluid
 Tool Sample: 30% O 10% W 60% M
 Chlorides: 22,000 PPM
 PH: 9
 RW: .35 @ 65 Degrees



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 KOSTER"H"#1-32DST#3

Company R. L. Investment, LLC Lease & Well No. Koster "H" No. 1-32
 Elevation 2843 KB Formation Lansing/Kansas City "J" Effective Pay Ft. Ticket No. P0176
 Date 4-8-17 Sec. 32 Twp. 8S Range 29W County Sheridan State Kansas
 Test Approved By Patrick J. Deenihan Diamond Representative Michael Carroll

Formation Test No. 3 Interval Tested from 4,098 ft. to 4,132 ft. Total Depth 4,132 ft.
 Packer Depth 4,092 ft. Size 6 3/4 in. Packer Depth ft. Size in.
 Packer Depth 4,098 ft. Size 6 3/4 in. Packer Depth ft. Size in.
 Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,085 ft. Recorder Number 5950 Cap. 5,000 psi.
 Bottom Recorder Depth (Outside) 4,102 ft. Recorder Number 5588 Cap. 6,000 psi.
 Below Straddle Recorder Depth ft. Recorder Number Cap. psi.

Drilling Contractor STP Drilling Company - Rig 1 Drill Collar Length 122 ft I.D. 2 1/4 in.
 Mud Type Chemical Viscosity 52 Weight Pipe Length ft I.D. in.
 Weight 9.2 Water Loss 7.6 cc. Drill Pipe Length 3,950 ft I.D. 3 1/2 in.
 Chlorides 750 P.P.M. Test Tool Length 26 ft Tool Size 3 1/2-IF in.
 Jars: Make Sterling Serial Number Not Run Anchor Length 34 ft. Size 4 1/2-FH in.
 Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Blow: 1st Open: 1/4 in. blow increasing. Off bottom of bucket in 9 mins. No blow back during shut-in.
 2nd Open: 2 in. blow increasing. Off bottom of bucket in 1 min. 40 secs. No blow back during shut-in.

Recovered 3,858 ft. of gas in pipe
 Recovered 1 ft. of clean oil = .014230 bbls.
 Recovered 93 ft. of oily mud = 1.323390 bbls. (Grind out: 33%-oil; 67%-mud)
 Recovered 122 ft. of water cut, muddy oil = .600240 bbls. (Grind out: 60%-oil; 10%-water; 30%-mud)
 Recovered 216 ft. of TOTAL FLUID = 1.937860 bbls.
 Recovered ft. of
 Remarks Tool Sample Grind Out: 50%-oil; 15%-water; 35%-mud

Time Set Packer(s) 10:07 P.M. Time Started off Bottom 1:07 A.M. Maximum Temperature 121°
 Initial Hydrostatic Pressure.....(A) 1985 P.S.I.
 Initial Flow Period.....Minutes 30 (B) 13 P.S.I. to (C) 78 P.S.I.
 Initial Closed In Period.....Minutes 45 (D) 112 P.S.I.
 Final Flow Period.....Minutes 45 (E) 65 P.S.I. to (F) 107 P.S.I.
 Final Closed In Period.....Minutes 60 (G) 108 P.S.I.
 Final Hydrostatic Pressure.....(H) 1983 P.S.I.



Michael Carroll
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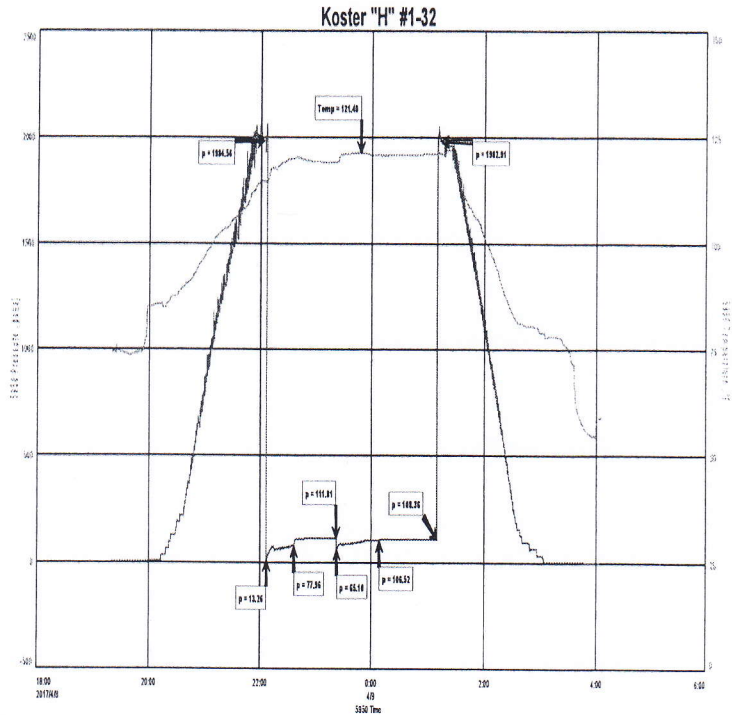
Hoisington, Kansas

General Information

Company Name R. L. Investment, LLC

Contact	Randall Pfeifer
Well Name	Koster "H" #1-32
Unique Well ID	Dst #3 Lans/KC "J" 4098-4132'
Surface Location	Sec 32-8s-29w Sheridan County
Field	Koster
Well Type	Vertical
Test Type	Drill Stem Test
Well Operator	R. L. Investment, LLC

Formation	Dst #3 Lans/KC "J" 4098-4132'
Well Fluid Type	01 Oil
Test Purpose	Initial Test
Start Test Date	2017/04/08
Start Test Time	19:20:00
Final Test Time	04:06:00
Job Number	P0176
Report Date	2017/04/08
Prepared By	Michael Carroll



TEST RECOVERY

Remarks Recovery:	3858'	Gas In Pipe
	1'	Clean Oil
	93'	OM 33% O 67% M
	122'	WCMO 60% O 10% W 30% M
	216'	Total Fluid
Tool Sample:	50% O 15% W 35% M	



DIAMOND TESTING, LLC
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 KOSTER"H"#1-32DST#4

Company R. L. Investment, LLC Lease & Well No. Koster "H" No. 1-32
 Elevation 2843 KB Formation Lansing/Kansas City "K" Effective Pay Ft. Ticket No. P0177
 Date 4-9-17 Sec. 32 Twp. 8S Range 29W County Sheridan State Kansas
 Test Approved By Patrick J. Deenihan Diamond Representative Michael Carroll

Formation Test No. 4 Interval Tested from 4,146 ft. to 4,167 ft. Total Depth 4,167 ft.
 Packer Depth 4,140 ft. Size 6 3/4 in. Packer Depth ft. Size in.
 Packer Depth 4,146 ft. Size 6 3/4 in. Packer Depth ft. Size in.
 Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,133 ft. Recorder Number 5950 Cap. 5,000 psi.
 Bottom Recorder Depth (Outside) 4,149 ft. Recorder Number 5588 Cap. 6,000 psi.
 Below Straddle Recorder Depth ft. Recorder Number Cap. psi.

Drilling Contractor STP Drilling Company - Rig 1 Drill Collar Length 122 ft I.D. 2 1/4 in.
 Mud Type Chemical Viscosity 52 Weight Pipe Length ft I.D. in.
 Weight 9.2 Water Loss 7.6 cc. Drill Pipe Length 3,998 ft I.D. 3 1/2 in.
 Chlorides 750 P.P.M. Test Tool Length 26 ft Tool Size 3 1/2-IF in.
 Jars: Make Sterling Serial Number Not Run Anchor Length 21 ft. Size 4 1/2-FH in.
 Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Blow: 1st Open: Weak, surface blow increasing to 1/4 in. in 30 mins. No blow back during shut-in.
 2nd Open: No blow. No build. No blow back during shut-in.

Recovered 1 ft. of slightly oil cut mud = .004920 bbls. (Grind out: 8%-oil; 92%-mud)
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Remarks Tool Sample Grind Out: 12%-oil; 88%-mud

Time Set Packer(s) 4:25 P.M. Time Started off Bottom 6:25 P.M. Maximum Temperature 116°
 Initial Hydrostatic Pressure.....(A) 2004 P.S.I.
 Initial Flow Period.....Minutes 30 (B) 11 P.S.I. to (C) 12 P.S.I.
 Initial Closed In Period.....Minutes 30 (D) 16 P.S.I.
 Final Flow Period.....Minutes 30 (E) 15 P.S.I. to (F) 12 P.S.I.
 Final Closed In Period.....Minutes 30 (G) 14 P.S.I.
 Final Hydrostatic Pressure.....(H) 1991 P.S.I.



Hoisington, Kansas

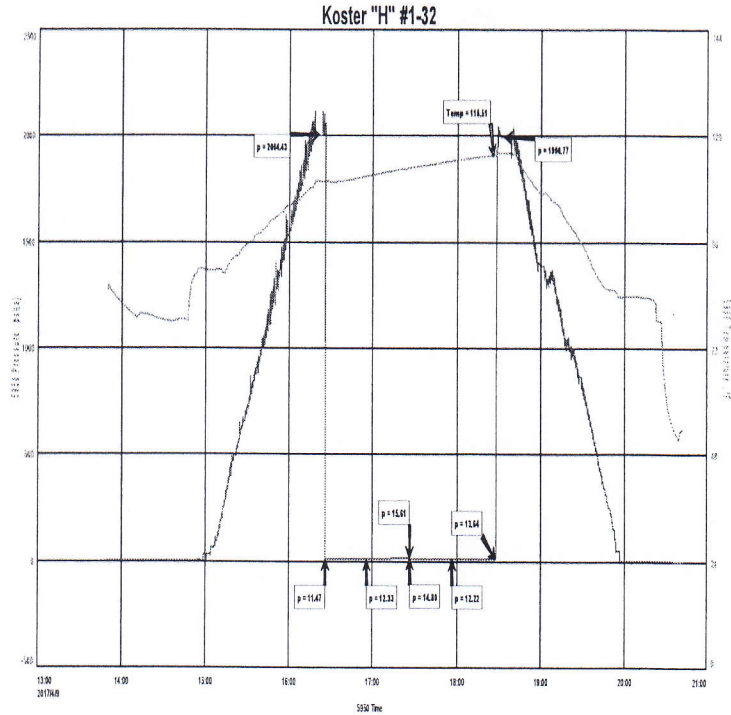
Michael Carroll
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General Information

Company Name R. L. Investment, LLC

Contact	Randall Pfeifer
Well Name	Koster "H" #1-32
Unique Well ID	Dst #4 Lans/KC "K" 4146-4167'
Surface Location	Sec 32-8s-29w Sheridan County
Field	Koster
Well Type	Vertical
Test Type	Drill Stem Test
Well Operator	R. L. Investment, LLC

Formation	Dst #4 Lans/KC "K" 4146-4167'
Well Fluid Type	01 Oil
Test Purpose	Initial Test
Start Test Date	2017/04/09
Start Test Time	13:50:00
Final Test Time	20:42:00
Job Number	P0177
Report Date	2017/04/09
Prepared By	Michael Carroll



TEST RECOVERY

Remarks Recovery: 1' OCM 8% O 92% M
 1' Total Fluid
 Tool Sample: 12% O 88% M