

DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
ListerA39DST2

Company Vess Oil Corporation Lease & Well No. Lister "A" No. 39
Elevation 1353 KB Formation Viola Effective Pay _____ Ft. Ticket No. RR028
Date 4-28-14 Sec. 32 Twp. 25S Range 5E County Butler State Kansas
Test Approved By Roger L. Martin Diamond Representative Ricky Ray

Formation Test No. 2 Interval Tested from 2,480 ft. to 2,512 ft. Total Depth 2,512 ft.
Packer Depth 2,475 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 2,480 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 2,461 ft. Recorder Number 5515 Cap. 5,000 psi.
Bottom Recorder Depth (Outside) 2,484 ft. Recorder Number 5586 Cap. 5,000 psi.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ psi.

Drilling Contractor C & G Drilling Company - Rig 1 Drill Collar Length 177 ft I.D. 2 1/4 in.
Mud Type Chemical Viscosity 54 Weight Pipe Length _____ ft I.D. _____ in.
Weight 9.5 Water Loss 8.2 cc. Drill Pipe Length 2,270 ft I.D. 3 in.
Chlorides 1,000 P.P.M. Test Tool Length 33 ft Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number 4 Anchor Length 32 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-FH in.

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

Recovered 10 ft. of heavy water cut mud w/ oil scum = .108400 bbls. (Grind out: 32%-water; 68%-mud)
Recovered 180 ft. of heavy water cut mud w/ oil specks = .903360 bbls. (Grind out: 48%-water; 52%-mud)
Recovered 190 ft. of TOTAL FLUID = 1.011760 bbls.
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Remarks Tool Sample Grind Out: 1%-oil; 51%-water; 48%-mud (Chlorides: 15,000 Ppm PH: 8.0 RW: .51 @ 64°)

Time Set Packer(s) 12:14 A.M. Time Started off Bottom 3:44 P.M. Maximum Temperature 101°
Initial Hydrostatic Pressure.....(A) 1193 P.S.I.
Initial Flow Period.....Minutes 30 (B) 16 P.S.I. to (C) 96 P.S.I.
Initial Closed In Period.....Minutes 45 (D) 108 P.S.I.
Final Flow Period.....Minutes 45 (E) 98 P.S.I. to (F) 105 P.S.I.
Final Closed In Period.....Minutes 90 (G) 108 P.S.I.
Final Hydrostatic Pressure.....(H) 1201 P.S.I.

Diamond Testing

General information Report

General Information

Company Name Vess Oil Corp

Contact	Casey Coats	Job Number	RR028
Well Name	Lister A 39	Representative	Ricky Ray
Unique Well ID	Dst 2 Viola (2480-2512)	Well Operator	Vess Oil Corp
Surface Location	Sec: 32-25s-5e (Butler County)	Report Date	2014/04/28
Well License Number		Prepared By	Ricky Ray
Field	EI Dorado		
Well Type	Vertical		

Test Type	Drill Stem Test		
Formation	Dst 2 Viola (2480-2512)		
Well Fluid Type	01 Oil	Start Test Time	10:11:00
		Final Test Time	18:50:00
Start Test Date	2014/04/28		
Final Test Date	2014/04/28		
Gauge Name	5515		
Gauge Serial Number			

Test Results

Recovery:

10'	HWCM	(< 32% W > 68% M)	w/oil scum <1% O
180'	HWCM	(<48% W > 52% M)	w/oil specks < 1% O
190'	Total Fluid		

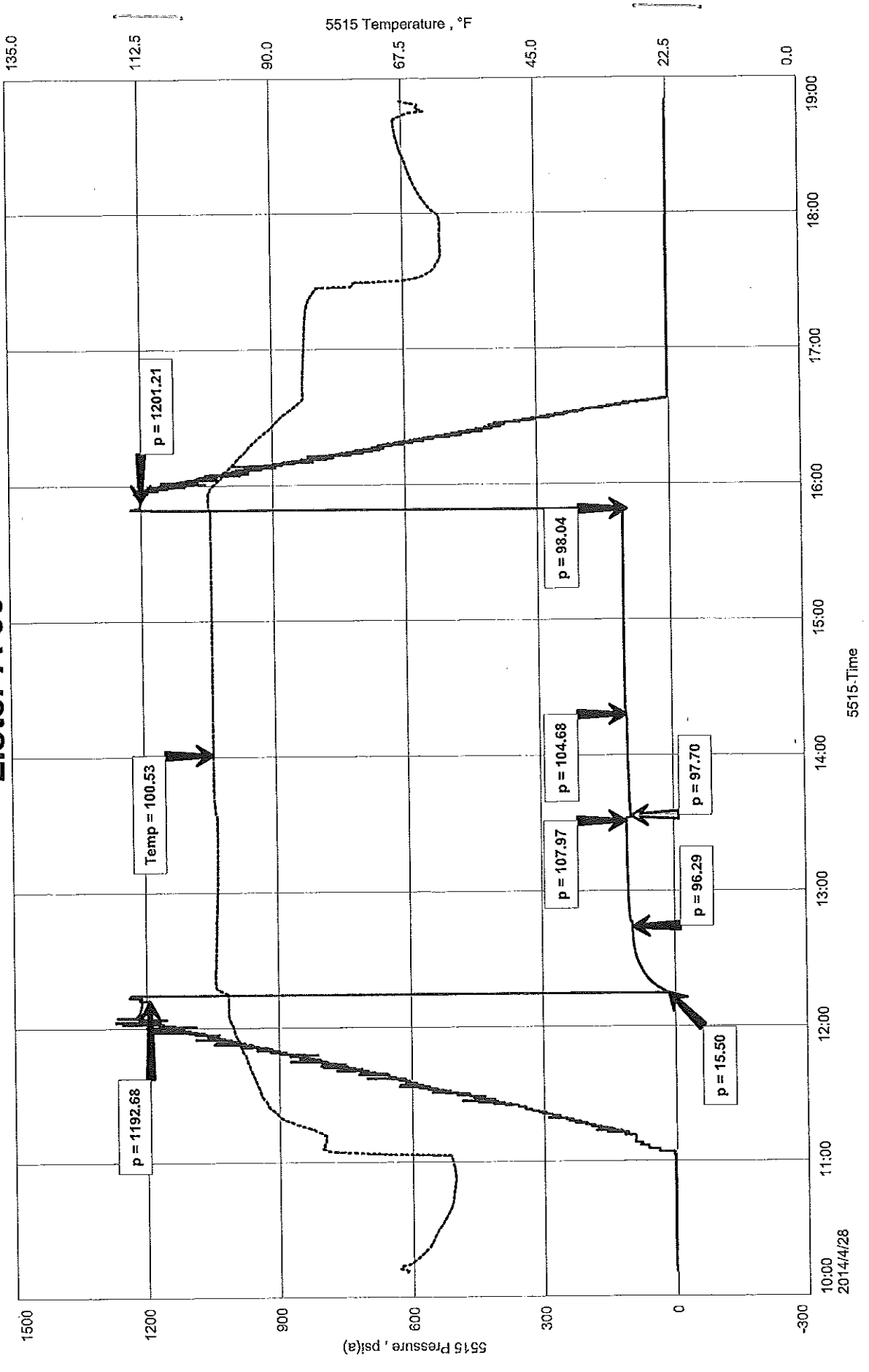
Tool Sample: 1 % O 51% W 48%M

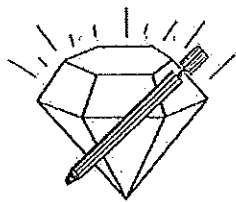
PH:8 RW: 51 @ 64 Deg
Chlorides: 15,000 PPM

Lister A 39
 Formation: Dst 2 Viola (2480-2512)
 Pool: Infield
 Job Number: RR028

Vess Oil Corp
 Dst 2 Viola (2480-2512)
 Start Test Date: 2014/04/28
 Final Test Date: 2014/04/28

Lister A 39





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 ListerA39DST1

Company Vess Oil Corporation Lease & Well No. Lister "A" No. 39
 Elevation 1353 KB Formation Viola Effective Pay _____ Ft. Ticket No. RR027
 Date 4-27-14 Sec. 32 Twp. 25S Range 5E County Butler State Kansas
 Test Approved By Roger L. Martin Diamond Representative Ricky Ray

Formation Test No. 1 Interval Tested from 2,421 ft. to 2,480 ft. Total Depth 2,480 ft.
 Packer Depth 2,416 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 2,421 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 2,402 ft. Recorder Number 5515 Cap. 5,000 psi.
 Bottom Recorder Depth (Outside) 2,457 ft. Recorder Number 5586 Cap. 5,000 psi.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ psi.

Drilling Contractor C & G Drilling Company - Rig 1 Drill Collar Length 177 ft I.D. 2 1/4 in.
 Mud Type Chemical Viscosity 54 Weight Pipe Length _____ ft I.D. _____ in.
 Weight 9.5 Water Loss 8.2 cc. Drill Pipe Length 2,211 ft I.D. 3 in.
 Chlorides 1,000 P.P.M. Test Tool Length 33 ft Tool Size 3 1/2-IF in.
 Jars: Make Sterling Serial Number 4 Anchor Length 28' 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-FH in.

Blow: 1st Open: 1/4 in. blow increasing to 1 1/4 ins. in 30 mins. No blow back during shut-in.

2nd Open: No blow. No blow back during shut-in.

Recovered 40 ft. of mud w/ oil scum = .196800 bbls. (Grind out: 1%-oil; 99%-mud)
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Remarks Tool Sample Grind Out: 2%-oil; 98%-mud

Time Set Packer(s) 11:12 A.M. Time Started off Bottom 2:42 P.M. Maximum Temperature 102°
 Initial Hydrostatic Pressure.....(A) 1189 P.S.I.
 Initial Flow Period.....Minutes 30 (B) 10 P.S.I. to (C) 20 P.S.I.
 Initial Closed In Period.....Minutes 45 (D) 73 P.S.I.
 Initial Flow Period.....Minutes 45 (E) 21 P.S.I. to (F) 29 P.S.I.
 Initial Closed In Period.....Minutes 90 (G) 73 P.S.I.
 Initial Hydrostatic Pressure.....(H) 1183 P.S.I.

Diamond Testing

General information Report

General Information

Company Name Vess Oil Corp

Contact	Casey Coats	Job Number	RR027
Well Name	Lister A 39	Representative	Ricky Ray
Unique Well ID	Dst 1 Viola (2421-2480)	Well Operator	Vess Oil Corp
Surface Location	Sec: 32-25s-5e (Butler County)	Report Date	2014/04/27
Well License Number		Prepared By	Ricky Ray
Field	El Dorado		
Well Type	Vertical		

Test Type	Drill Stem Test		
Formation	Dst 1 Viola (2421-2480)	Start Test Time	08:50:00
Well Fluid Type	01 Oil	Final Test Time	16:56:00
Start Test Date	2014/04/27		
Final Test Date	2014/04/27		
Gauge Name	5515		
Gauge Serial Number			

Test Results

Recovery:

40' Mud with Oil Scum: (< 1% O > 99 % M)
 Tool Sample: 2% O 98% M

Lister A 39
 Formation: Dst 1 Viola (2421-2480)
 Pool: Infield
 Job Number: RR027

Vess Oil Corp
 Dst 1 Viola (2421-2480)
 Start Test Date: 2014/04/27
 Final Test Date: 2014/04/27

Lister A 39

