

**DIAMOND TESTING, LLC**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(620) 653-7550 • (800) 542-7313  
KAUFMANW2DST1

Company Webco Oil Company, Inc. Lease & Well No. Kaufman No. W-2  
Elevation 1865 KB Formation Lansing "A-C" Effective Pay      Ft. Ticket No. T434  
Date 1-19-15 Sec. 36 Twp. 15S Range 12W County Russell State Kansas  
Test Approved By Wyatt Urban Diamond Representative Tim Venters

Formation Test No. 1 Interval Tested from 3,036 ft. to 3,065 ft. Total Depth 3,065 ft.  
Packer Depth 3,031 ft. Size 6 3/4 in. Packer Depth      ft. Size      in.  
Packer Depth 3,036 ft. Size 6 3/4 in. Packer Depth      ft. Size      in.  
Depth of Selective Zone Set      ft.

Top Recorder Depth (Inside) 3,017 ft. Recorder Number 5504 Cap. 5,000 psi.  
Bottom Recorder Depth (Outside) 3,062 ft. Recorder Number 11029 Cap. 5,025 psi.  
Below Straddle Recorder Depth      ft. Recorder Number      Cap.      psi.

Drilling Contractor Southwind Drilling, Inc. - Rig 1 Drill Collar Length      ft. I.D.      in.  
Mud Type Chemical Viscosity 56 Weight Pipe Length      ft. I.D.      in.  
Weight 8.8 Water Loss 7.2 cc. Drill Pipe Length 3,008 ft. I.D. 3 1/2 in.  
Chlorides 1,200 P.P.M. Test Tool Length 28 ft. Tool Size 3 1/2-IF in.  
Jars: Make Sterling Serial Number 2 Anchor Length 29 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, 1/2 in. blow increasing. Off bottom of bucket in 1 1/2 mins. No blow back during shut-in.  
2nd Open: Strong, 4 in. blow increasing. Off bottom of bucket in 4 mins. 1/4 in. blow back during shut-in.

Recovered 1,520 ft. of gas in pipe  
Recovered 55 ft. of mud w/spotty oil = .782650 bbls. (Grind out: Spotty-oil; 100%-mud)  
Recovered 65 ft. of gas cut, slightly oil cut, heavy water cut mud = .924950 bbls. (Grind out: 2%-gas; 7%-oil; 33%-water; 58%-mud)  
Recovered 120 ft. of TOTAL FLUID = 1.707600 bbls. Chlorides: 54,000 Ppm PH: 6.5 RW: .17 @ 67°  
Recovered      ft. of       
Recovered      ft. of     

Remarks Tool Sample Grind Out: 2%-oil; 98%-mud  
Tool slid 15 ft. when tool opened & we lost packer seat. Got a good packer seat on the second try.

Time Set Packer(s) 10:30 A.M. Time Started off Bottom 1:00 P.M. Maximum Temperature 105°  
Initial Hydrostatic Pressure.....(A) 1438 P.S.I.  
Initial Flow Period.....Minutes 30 (B) 51 P.S.I. to (C) 64 P.S.I.  
Initial Closed In Period.....Minutes 30 (D) 685 P.S.I.  
Final Flow Period.....Minutes 45 (E) 63 P.S.I. to (F) 80 P.S.I.  
Final Closed In Period.....Minutes 45 (G) 683 P.S.I.  
Final Hydrostatic Pressure.....(H) 1425 P.S.I.

# DIAMOND TESTING

## General Information Report

### General Information

Company Name	WEBCO OIL COMPANY, INC.	Representative	TIM VENTERS
Contact	N.R. WEBER	Well Operator	WEBCO OIL COMPANY, INC.
Well Name	KAUFMAN #W-2	Report Date	2015/01/19
Unique Well ID	DST #1, LANSING "A-C", 3036-3065	Prepared By	TIM VENTERS
Surface Location	SEC 36-15S-12W, RUSSELL CO. KS.	Qualified By	WYATT URBAN
Field	KRAFT-PRUSA		
Well Type	Vertical		
Test Type	CONVENTIONAL		
Formation	DST #1, LANSING "A-C", 3036-3065		
Well Fluid Type	01 Oil		
Start Test Date	2015/01/19	Start Test Time	08:39:00
Final Test Date	2015/01/19	Final Test Time	14:41:00

### Test Recovery:

RECOVERED: 1520' GAS IN PIPE  
 55' M W/SP. O, SPOTTY OIL, 100% MUD  
 65' GC,SOC,HWCM, 2% GAS, 7% OIL, 33% WATER, 58% MUD  
 120' TOTAL FLUID

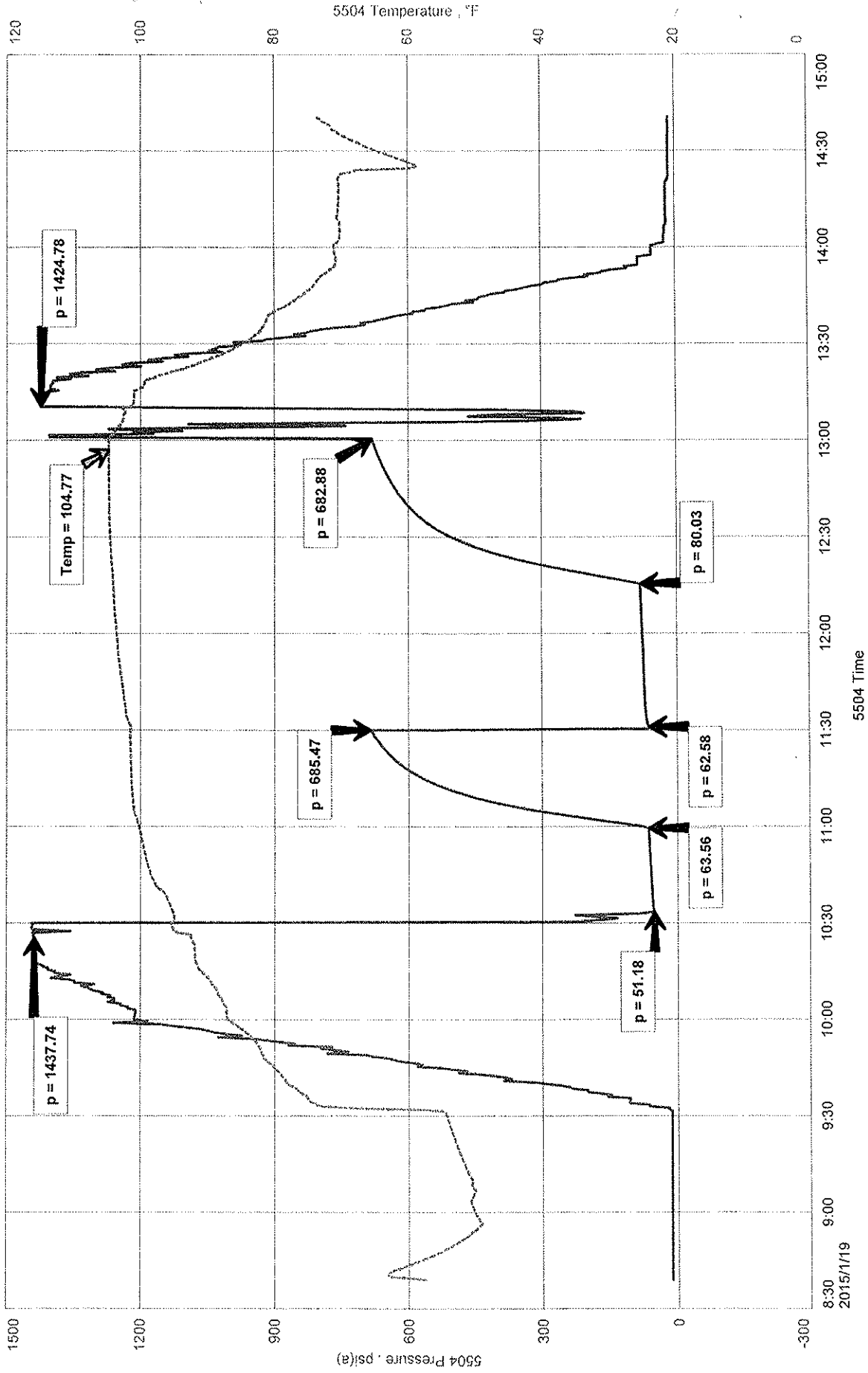
TOOL SAMPLE: 2% OIL, 98% MUD

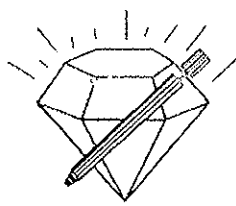
CHLORIDES: 54,000 ppm  
 PH: 6.5  
 RW: .17 @ 67 deg.

WEBCO OIL COMPANY, INC.  
DST #1, LANSING "A-C", 3036-3065  
Start Test Date: 2015/01/19  
Final Test Date: 2015/01/19

KAUFMAN #W-2  
Formation: DST #1, LANSING "A-C", 3036-3065  
Pool: KRAFT-PRUSA  
Job Number: T434

# KAUFMAN #W-2





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 KAUFMANW2DST2

Company Webco Oil Company, Inc. Lease & Well No. Kaufman No. W-2  
 Elevation 1865 KB Formation Lower Lansing Effective Pay \_\_\_\_\_ Ft. Ticket No. T435  
 Date 1-20-15 Sec. 36 Twp. 15S Range 12W County Russell State Kansas  
 Test Approved By Wyatt Urban Diamond Representative \_\_\_\_\_ Tim Venters

Formation Test No. 2 Interval Tested from 3,179 ft. to 3,240 ft. Total Depth 3,240 ft.  
 Packer Depth 3,174 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Packer Depth 3,179 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Depth of Selective Zone Set \_\_\_\_\_ ft.

Top Recorder Depth (Inside) 3,160 ft. Recorder Number 5504 Cap. 5,000 psi.  
 Bottom Recorder Depth (Outside) 3,237 ft. Recorder Number 11029 Cap. 5,025 psi.  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ psi.

Drilling Contractor Southwind Drilling, Inc. - Rig 1 Drill Collar Length \_\_\_\_\_ ft I.D. \_\_\_\_\_ in.  
 Mud Type Chemical Viscosity 56 Weight Pipe Length \_\_\_\_\_ ft I.D. \_\_\_\_\_ in.  
 Weight 8.8 Water Loss 7.2 cc. Drill Pipe Length 3,151 ft I.D. 3 1/2 in.  
 Chlorides 1,200 P.P.M. Test Tool Length 28 ft Tool Size 3 1/2-IF in.  
 Jars: Make Sterling Serial Number 2 Anchor Length 29' perf. w/32' 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 8 1/2 ins. No blow back during shut-in.

2nd Open: Good, 1 in. blow increasing. Off bottom of bucket in 28 mins. No blow back during shut-in.

Recovered 180 ft. of gas in pipe  
 Recovered 75 ft. of gas cut, slightly oil cut mud = 1.067250 bbls. (Grind out: 3%-gas; 12%-oil; 85%-mud)  
 Recovered 75 ft. of TOTAL FLUID = 1.067250 bbls.  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks Tool Sample Grind Out: 6%-gas; 27%-oil; 67%-mud

Tool slid 5 ft. the first time seating the tool & didn't get a good packer seat. Got a good packer seat on the second try.

Time Set Packer(s) 5:01 A.M. Time Started off Bottom 7:31 A.M. Maximum Temperature 101°  
 Initial Hydrostatic Pressure.....(A) 1543 P.S.I.  
 Initial Flow Period.....Minutes 30 (B) 58 P.S.I. to (C) 67 P.S.I.  
 Initial Closed In Period.....Minutes 30 (D) 781 P.S.I.  
 Final Flow Period.....Minutes 45 (E) 65 P.S.I. to (F) 80 P.S.I.  
 Final Closed In Period.....Minutes 45 (G) 795 P.S.I.  
 Final Hydrostatic Pressure.....(H) 1542 P.S.I.

# DIAMOND TESTING

## General Information Report

### General Information

**Company Name** WEBCO OIL COMPANY, INC.  
**Contact** N.R. WEBER  
**Well Name** KAUFMAN #W-2  
**Unique Well ID** DST #2, LOWER LANSING, 3179-3240  
**Surface Location** SEC 36-15S-12W, RUSSELL CO. KS.  
**Field** KRAFT-PRUSA  
**Well Type** Vertical  
**Test Type** CONVENTIONAL  
**Formation** DST #2, LOWER LANSING, 3179-3240  
**Well Fluid Type** 01 Oil

**Representative** TIM VENTERS  
**Well Operator** WEBCO OIL COMPANY, INC.  
**Report Date** 2015/01/20  
**Prepared By** TIM VENTERS  
  
**Qualified By** WYATT URBAN

**Start Test Date** 2015/01/20  
**Final Test Date** 2015/01/20

**Start Test Time** 03:16:00  
**Final Test Time** 08:55:00

### Test Recovery:

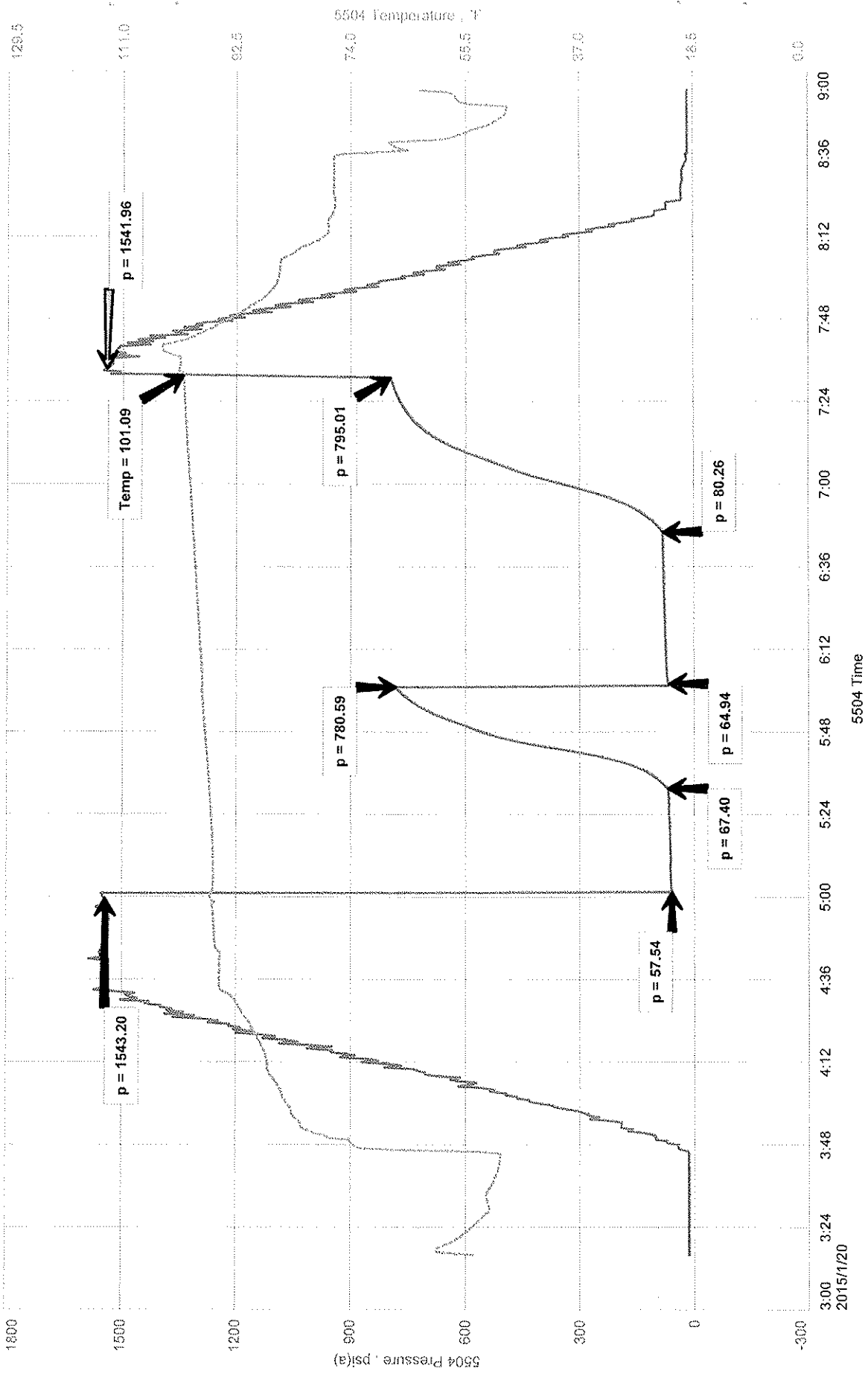
**RECOVERED: 180' GAS IN PIPE**  
 75' GC,SOCM, 3% GAS, 12% OIL, 85% MUD  
 75' TOTAL FLUID

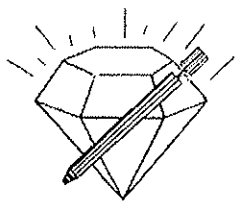
**TOOL SAMPLE: 6% GAS, 27% OIL, 67% MUD**

WEBCO OIL COMPANY, INC.  
DST #2, LOWER LANSING, 3179-3240  
Start Test Date: 2015/01/20  
Final Test Date: 2015/01/20

KAUFMAN #W-2  
Formation: DST #2, LOWER LANSING, 3179-3240  
Pool: KRAFT-PRUSA  
Job Number: T435

# KAUFMAN #W-2





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KAUFMANW2DST3

Company Webco Oil Company, Inc. Lease & Well No. Kaufman No. W-2  
Elevation 1865 KB Formation Arbuckle Effective Pay \_\_\_\_\_ Ft. Ticket No. T436  
Date 1-20-15 Sec. 36 Twp. 15S Range 12W County Russell State Kansas  
Test Approved By Wyatt Urban Diamond Representative Tim Venters

Formation Test No. 3 Interval Tested from 3,279 ft. to 3,323 ft. Total Depth 3,323 ft.  
Packer Depth 3,274 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Packer Depth 3,279 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Depth of Selective Zone Set \_\_\_\_\_ ft.

Top Recorder Depth (Inside) 3,260 ft. Recorder Number 5504 Cap. 5,000 psi.  
Bottom Recorder Depth (Outside) 3,320 ft. Recorder Number 11029 Cap. 5,025 psi.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ psi.

Drilling Contractor Southwind Drilling, Inc. - Rig 1 Drill Collar Length \_\_\_\_\_ ft. I.D. \_\_\_\_\_ in.  
Mud Type Chemical Viscosity 52 Weight Pipe Length \_\_\_\_\_ ft. I.D. \_\_\_\_\_ in.  
Weight 9.1 Water Loss 8.0 cc. Drill Pipe Length 3,251 ft. I.D. 3 1/2 in.  
Chlorides 2,000 P.P.M. Test Tool Length 28 ft. Tool Size 3 1/2-IF in.  
Jars: Make Sterling Serial Number Not Run Anchor Length 44 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: Strong, 4 in. blow increasing. Off bottom of bucket in 15 1/2 mins. No blow back during shut-in.

2nd Open: Weak, surface blow increasing. Off bottom of bucket in 45 mins. No blow back during shut-in.

Recovered 70 ft. of gas in pipe  
Recovered 65 ft. of gas cut oil = .924950 bbls. (Grind out: 3%-gas; 97%-oil) Gravity: 39  
Recovered 120 ft. of gas cut, very heavy oil cut mud = 1.707600 bbls. (Grind out: 9%-gas; 45%-oil; 46%-mud)  
Recovered 185 ft. of TOTAL FLUID = 2.632550 bbls.  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Remarks Tool Sample Grind Out: 6%-gas; 46%-oil; 48%-mud  
Tool slid about 10 ft. when seating tool.

Time Set Packer(s) 8:21 P.M. Time Started off Bottom 10:51 P.M. Maximum Temperature 104°  
Initial Hydrostatic Pressure.....(A) 1576 P.S.I.  
Initial Flow Period.....Minutes 30 (B) 60 P.S.I. to (C) 77 P.S.I.  
Initial Closed In Period.....Minutes 30 (D) 678 P.S.I.  
Final Flow Period.....Minutes 45 (E) 85 P.S.I. to (F) 103 P.S.I.  
Final Closed In Period.....Minutes 45 (G) 746 P.S.I.  
Final Hydrostatic Pressure.....(H) 1576 P.S.I.

# DIAMOND TESTING

## General Information Report

### General Information

Company Name **WEBCO OIL COMPANY, INC.**  
 Contact **N.R. WEBER**  
 Well Name **KAUFMAN #W-2**  
 Unique Well ID **DST #3, ARBUCKLE, 3279-3323**  
 Surface Location **SEC 36-15S-12W, RUSSELL CO. KS.**  
 Field **KRAFT-PRUSA**  
 Well Type **Vertical**  
 Test Type **CONVENTIONAL**  
 Formation **DST #3, ARBUCKLE, 3279-3323**  
 Well Fluid Type **01 Oil**

Representative **TIM VENTERS**  
 Well Operator **WEBCO OIL COMPANY, INC.**  
 Report Date **2015/01/21**  
 Prepared By **TIM VENTERS**  
 Qualified By **WYATT URBAN**

Start Test Date **2015/01/20**  
 Final Test Date **2015/01/21**

Start Test Time **18:04:00**  
 Final Test Time **00:54:00**

### Test Recovery:

**RECOVERED: 70' GAS IN PIPE**  
**65' GCO, 3% GAS, 97% OIL, GRAVITY: 39**  
**120' GC,VHOCM, 9% GAS, 45% OIL, 46% MUD**  
**185' TOTAL FLUID**

**TOOL SAMPLE: 6% GAS, 46% OIL, 48% MUD**



WEBCO OIL COMPANY, INC.  
DST #3, ARBUCKLE, 3279-3323  
Start Test Date: 2015/01/20  
Final Test Date: 2015/01/21

KAUFMAN #W-2  
Formation: DST #3, ARBUCKLE, 3279-3323  
Pool: KRAFT-PRUSA  
Job Number: T436

# KAUFMAN #W-2

