

Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

New Well  Re-Entry  Workover

Oil  WSW  SWD

Gas  DH  EOR

OG  GSW

CM (Coal Bed Methane)

Cathodic  Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

Deepening  Re-perf.  Conv. to EOR  Conv. to SWD  
 Plug Back  Liner  Conv. to GSW  Conv. to Producer

Commingled Permit #: \_\_\_\_\_

Dual Completion Permit #: \_\_\_\_\_

SWD Permit #: \_\_\_\_\_

EOR Permit #: \_\_\_\_\_

GSW Permit #: \_\_\_\_\_

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27  NAD83  WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: \_\_\_\_\_

Confidential Release Date: \_\_\_\_\_

Wireline Log Received  Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Webco Oil Company, Inc.
Well Name	ALAN WOYDZIAK 1
Doc ID	1353916

All Electric Logs Run

Dual Compensated Porosity Log
Dual Induction Log
Microresistivity Log
Dual Receiver Cement Bond Log
Borehole Compensated Sonic Log

Form	ACO1 - Well Completion
Operator	Webco Oil Company, Inc.
Well Name	ALAN WOYDZIAK 1
Doc ID	1353916

Tops

Name	Top	Datum
Heebner	2929	-1061
Toronto	2947	-1079
Douglas	2960	-1092
Brown Line	3021	-1153
Lansing	3031	-1163
Base Kansas City	3293	-1425
Conglomerate	3308	-1440
Arbuckle	3335	-1467

Form	ACO1 - Well Completion
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Well Name	ALAN WOYDZIAK 1
Doc ID	1353916

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
2	3342'-3346'	No Acid/ All Natural	





# Musgrove

Petroleum Geology  
212 Main Street, Claflin KS

### NOTES

Company: Webco Oil Company, Inc.

Lease: Alan Woydziak #1

Field: Unknown

Location: SW-NE-NE-NW ( 382' FNL & 2155' FWL)

Sec: 36 Twsp: 15S Rge: 12W

County: Russell State: Kansas

KB: 1868' GL: 1860'

Contractor: Southwind Drilling, Inc. (Rig #3)

Spud: 1/19/2017 Comp: 1/25/2017

RTD: 3410' LTD: 3409'

Mud Up: 2500' Type Mud: Chemical

API #: 15-167-24052-00-00

Samples Saved From: 2500' to RTD

Drilling Time Kept From: 2500' to RTD

Samples Examined From: 2500' to RTD

Geological Supervision from: 2500' to RTD

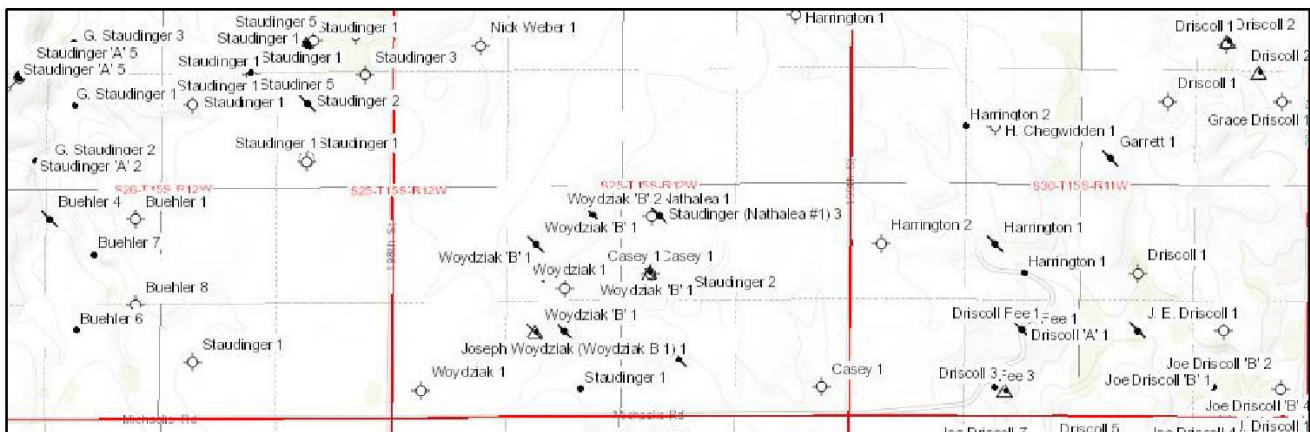
Geologist on Well: Wyatt Urban

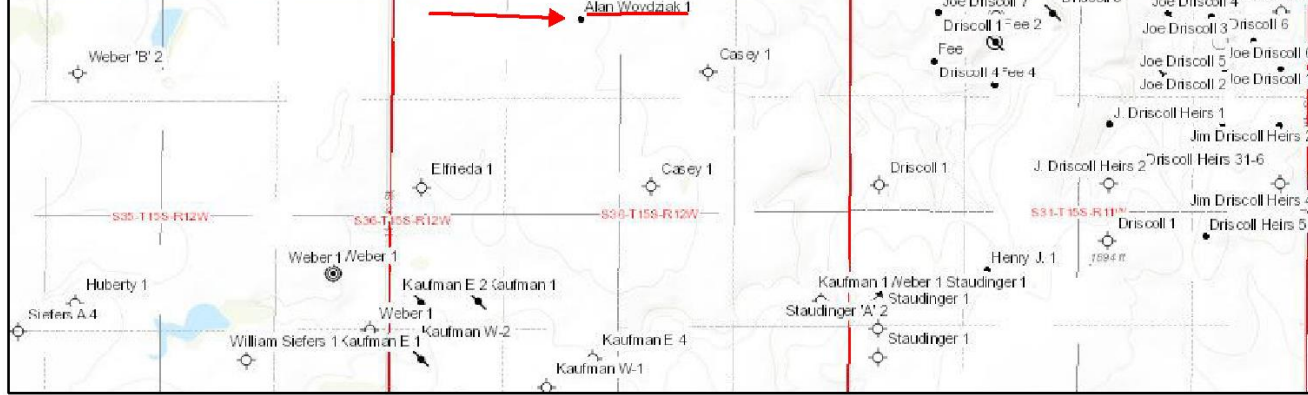
Surface Casing: 8 5/8@ 462'

Production Casing: 5 1/2@ 3408'

Electronic Surveys: Logged by ELI : DIL,MEL, CDL/CNL, BHCS

Webco Oil - Alan Woydziak #1





January 27, 17

# Webco Oil Co. Inc.

DRILLING WELL					COMPARISON WELL				COMPARISON WELL			
WEBCO OIL-ALAN WOYDZIAK					H&D EXPLORATION - STAUDINGER #1				Yellow Cab- Case #1			
SW-NE-NE-NW 36-15S-12W					W2-SE-SE-SW 25-15S-12W				SE-NW-NE 36-15S-12W			
1868 KB					1863 KB				1846 KB			
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
Anhydrite	766	1102	762	1106	758	1105	-3	1	740	1106	-4	0
B. Anhydrite	790	1078	789	1079	787	1076	2	3				
Severy	2637	-769	2634	-766								
Topeka	2650	-782	2647	-779								
Heebner	2933	-1065	2929	-1061	2924	-1061	-4	0	2930	-1084	19	23
Toronto	2951	-1083	2947	-1079	2941	-1078	-5	-1	2968	-1122	39	43
Douglas	2963	-1095	2960	-1092	2953	-1090	-5	-2				
Brown Lime	3025	-1157	3021	-1153	3014	-1151	-6	-2	3030	-1184	27	31
Lansing	3037	-1169	3031	-1163	3030	-1167	-2	4	3030	-1184	15	21
Base KC	3295	-1427	3293	-1425	3290	-1427	0	2				
Conglomerate	3315	-1447	3308	-1440	3308	-1445	-2	5				
Arbuckle	3338	-1470	3335	-1467	3352	-1489	19	22	3383	-1537	67	70
RTD	3410	-1542	3410	-1542	3375	-1512	-30	-30	3400	-1554	12	12
LTD	3409	-1541	3409	-1541	3376	-1513	-28	-28				



**DIAMOND TESTING**  
P.O. Box 157  
HOISINGTON, KANSAS 67544  
(800) 542-7313

TIME ON: 0635  
TIME OFF: 1210

**DRILL-STEM TEST TICKET**  
FILE: A.WOYDZIAK#1DST#1

Company WEBCO OIL COMPANY INC Lease & Well No. ALAN WOYDZIAK #1  
Contractor SOUTHWIND DRILLING RIG 3 Charge to WEBCO OIL COMPANY INC  
Elevation 1860 SURVEYED Formation LANS A-F Effective Pay \_\_\_\_\_ Ft. Ticket No. P0154  
Date 1-23-17 Sec. 36 Twp. \_\_\_\_\_ 15 S Range \_\_\_\_\_ 12 W County RUSSELL State KANSAS  
Test Approved By WYATT URBAN Diamond Representative Michael Carroll

Formation Test No. 1 Interval Tested from 3027 ft. to 3115 ft. Total Depth 3115 ft.  
Packer Depth 3022 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 3027 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) \_\_\_\_\_ 3015 ft. Recorder Number \_\_\_\_\_ 5950 Cap. \_\_\_\_\_ 5000 P.S.I.  
Bottom Recorder Depth (Outside) \_\_\_\_\_ 3095 ft. Recorder Number \_\_\_\_\_ 0230 Cap. \_\_\_\_\_ 5000 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type Chem Viscosity 70 Drill Collar Length \_\_\_\_\_ 0 ft. I.D. \_\_\_\_\_ 2 1/4 in.  
Weight 8.8 Water Loss \_\_\_\_\_ 8.0 cc. Weight Pipe Length \_\_\_\_\_ 0 ft. I.D. \_\_\_\_\_ 2 7/8 in.  
Chlorides 2300 P.P.M. Drill Pipe Length \_\_\_\_\_ 3002 ft. I.D. \_\_\_\_\_ 3 1/2 in.



Jars: Make STERLING Serial Number NA Test Tool Length 25 ft. Tool Size 3 1/2-IF in  
 Did Well Flow? NO Reversed Out NO Anchor Length 88(25.5A) ft. Size 4 1/2-FH in  
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in  
 Blow: 1st Open: 1/4" BLOW-BUILT TO 2 1/2" IN 30 MINUTES NOBB  
 2nd Open: WSB-BUILT TO 1 1/4" IN 45 MINUTES NOBB

Recovered 35 ft. of MUD 100%M WITH A TRACE OF OIL > 1% OIL  
 Recovered 35 ft. of TOTAL FLUID  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Remarks: TOOL SAMPLE: 8%O 92%M  
 Price Job \_\_\_\_\_  
 Other Charges \_\_\_\_\_  
 Insurance \_\_\_\_\_  
 Total \_\_\_\_\_

Time Set Packer(s) 8:20A.M. A.M. P.M. Time Started Off Bottom 10:50A.M. A.M. P.M. Maximum Temperature 97  
 Initial Hydrostatic Pressure..... (A) 1453 P.S.I.  
 Initial Flow Period..... Minutes 30 (B) 13 P.S.I. to (C) 20 P.S.I.  
 Initial Closed In Period..... Minutes 30 (D) 785 P.S.I.  
 Final Flow Period..... Minutes 45 (E) 22 P.S.I. to (F) 28 P.S.I.  
 Final Closed In Period..... Minutes 45 (G) 765 P.S.I.  
 Final Hydrostatic Pressure..... (H) 1433 P.S.I.



**DIAMOND TESTING**  
 P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
 (800) 542-7313  
**DRILL-STEM TEST TICKET**  
 FILE: A.WOYDZIAK#1DST#2

TIME ON: 2255 1-23  
 TIME OFF: 0415 1-24

Company WEBCO OIL COMPANY INC Lease & Well No. ALAN WOYDZIAK #1  
 Contractor SOUTHWIND DRILLING RIG 3 Charge to WEBCO OIL COMPANY INC  
 Elevation 1860 SURVEYED Formation LANS/KC H-J Effective Pay \_\_\_\_\_ Ft. Ticket No. P0155  
 Date 1-23-17 Sec. 36 Twp. 15 S Range 12 W County RUSSELL State KANSAS  
 Test Approved By WYATT URBAN Diamond Representative Michael Carroll

Formation Test No. 2 Interval Tested from 3184 ft. to 3240 ft. Total Depth 3240 ft.  
 Packer Depth 3179 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
 Packer Depth 3184 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
 Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3172 ft. Recorder Number 5950 Cap. 5000 P.S.I.  
 Bottom Recorder Depth (Outside) 3221 ft. Recorder Number 0230 Cap. 5000 P.S.I.  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type Chem Viscosity 58 Drill Collar Length 0 ft. I.D. 2 1/4 in.  
 Weight 9.1 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
 Chlorides 2000 P.P.M. Drill Pipe Length 3159 ft. I.D. 3 1/2 in.  
 Jars: Make STERLING Serial Number NA Test Tool Length 25 ft. Tool Size 3 1/2-IF in  
 Did Well Flow? NO Reversed Out NO Anchor Length 56(24.5A) ft. Size 4 1/2-FH in  
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in

Blow: 1st Open: WSB-BUILT TO 1/4" IN 30 MINUTES NOBB  
 2nd Open: NO BLOW-NO BUILD NOBB

Recovered 5 ft. of SLOCM 1%O 99%M  
 Recovered 5 ft. of TOTAL FLUID  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>TOOL SAMPLE:2%O 98%M</u>	Insurance
	Total

Time Set Packer(s) 12:12 A.M. <sup>A.M.</sup>/<sub>P.M.</sub> Time Started Off Bottom 2:57 A.M. <sup>A.M.</sup>/<sub>P.M.</sub> Maximum Temperature 99

Initial Hydrostatic Pressure..... (A) 1538 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) 62 P.S.I.

Final Flow Period..... Minutes 45 (E) 12 P.S.I. to (F) 13 P.S.I.

Final Closed In Period..... Minutes 60 (G) 56 P.S.I.

Final Hydrostatic Pressure..... (H) 1529 P.S.I.



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: A.WOYDZIAK#1DST#3

TIME ON: 1755 1-24  
TIME OFF: 0025 1-25

Company WEBCO OIL COMPANY INC Lease & Well No. ALAN WOYDZIAK #1

Contractor SOUTHWIND DRILLING RIG 3 Charge to WEBCO OIL COMPANY INC

Elevation 1860 SURVEYED Formation ARBUCKLE Effective Pay \_\_\_\_\_ Ft. Ticket No. P0156

Date 1-24-17 Sec. 36 Twp. \_\_\_\_\_ 15 S Range \_\_\_\_\_ 12 W County RUSSELL State KANSAS

Test Approved By WYATT URBAN Diamond Representative Michael Carroll

Formation Test No. 3 Interval Tested from 3290 ft. to 3347 ft. Total Depth 3347 ft.

Packer Depth 3285 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Packer Depth 3290 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3278 ft. Recorder Number 5950 Cap. 5000 P.S.I.

Bottom Recorder Depth (Outside) 3327 ft. Recorder Number 0230 Cap. 5000 P.S.I.

Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type Chem Viscosity 49 Drill Collar Length 0 ft. I.D. 2 1/4 in.

Weight 9.4 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 4000 P.P.M. Drill Pipe Length 3265 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number NA Test Tool Length 25 ft. Tool Size 3 1/2-IF in.

Did Well Flow? NO Reversed Out NO Anchor Length 57(25.5A) ft. Size 4 1/2-FH in.

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: 1" BLOW-BUILT TO BOB IN 4 MINUTES 22 SECONDS NOBB

2nd Open: 1" BLOW-BUILT TO BOB IN 5 MINUTES 10 SECONDS NOBB

Recovered 10 ft. of CLEAN OIL GRAVITY 36 @ 60 DEGREES CHLORIDES 16000 PPM

Recovered 378 ft. of SLGCOCMCW 4%G 30%O 41%W 25%M RW .63 @ 50 DEGREES

Recovered 630 ft. of MCOCW 20%O 67%W 13%M PH 7

Recovered 126 ft. of MCW 89%W 11%M

Recovered <u>1144</u> ft. of <u>TOTAL FLUID</u>	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>TOOL SAMPLE:2%O 98%W</u>	Insurance
	Total

Time Set Packer(s) 7:40 P.M. <sup>A.M.</sup>/<sub>P.M.</sub> Time Started Off Bottom 10:25 P.M. <sup>A.M.</sup>/<sub>P.M.</sub> Maximum Temperature 113








Initial Hydrostatic Pressure..... (A) 1595 P.S.I.

Initial Flow Period..... Minutes 30 (B) 31 P.S.I. to (C) 237 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 1070 P.S.I.  
 Final Flow Period..... Minutes 45 (E) 240 P.S.I. to (F) 481 P.S.I.  
 Final Closed In Period..... Minutes 60 (G) 1072 P.S.I.  
 Final Hydrostatic Pressure..... (H) 1581 P.S.I.

Diamond Tooling shall not be liable for damage of any kind to the property or personnel of the user for whom a test is made or for any loss suffered or sustained directly or indirectly through

**ROCK TYPES**

 Chtcong  
 Dolprim  
 Lmst fw<7  
 shale, grn  
 shale, gry  
 Carbon Sh  
 shale, red

**OTHER SYMBOLS**

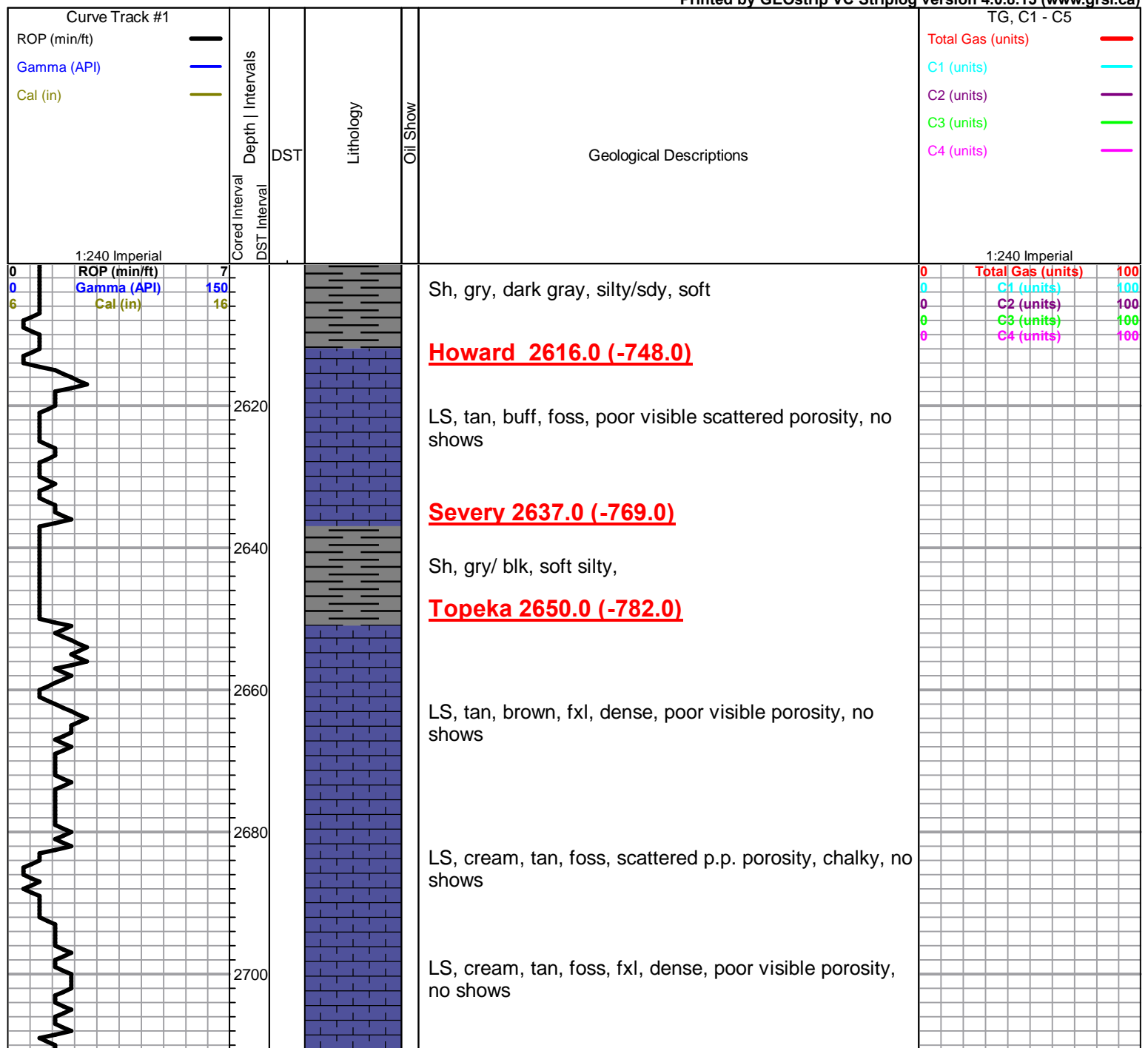
**Oil Show**

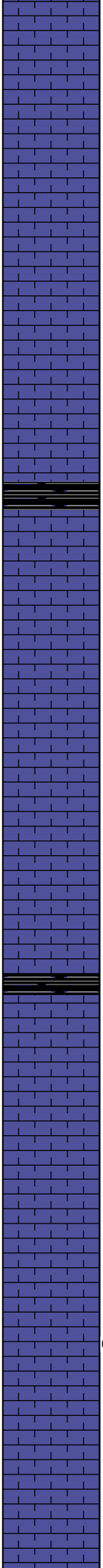
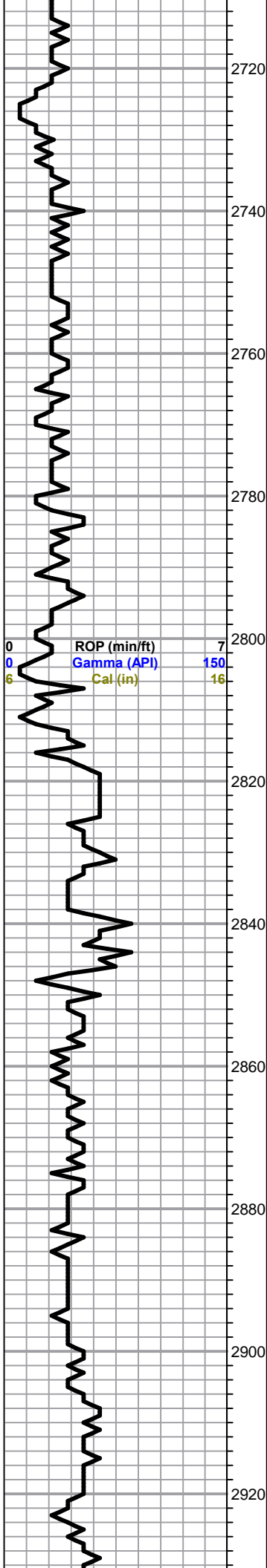
- Good Show
- Fair Show
- Poor Show
- Spotted or Trace
- Questionable Stn
- D Dead Oil Stn
- Fluorescence
- \* Gas

**DST**

- DST Int
- DST alt
- Core
- tail pipe

Printed by GEOstrip VC Striplog version 4.0.8.15 (www.grsi.ca)





LS, tan, gry, fxl, dense, cherty in pts, no shows

LS, cream, tan, foss, scattered vuggy porosity, v. chalky, no shows

LS, tan, brn, fxl, dense poor visible porosity, cherty in pts, no shows

LS, gry, foss, poor visible porosity, chalky in pts, no shows

Black carb Sh.

LS, tan, few foss, fair scattered porosity, fair inxln porosity, v. chalky, no shows

LS, a/a

LS, tan, buff, fxl, dense, poor visible porosity, cherty in pts, no shows

LS, gry, tan, fxl, poor scattered p.p. porosity, no shows, no odor

LS, tan, oom, poorly developed, poor scattered p.p. porosity, no shows, no odor

LS, cream, tan, poor scattered porosity, chalky, no shows, no odor

**Plattsmouth 2885.0 (-1017.0)**

LS, tan, foss/ool, poorly developed, poor scattered porosity, v. chalky, no shows, lt. black stain

LS, tan, few foss, scattered porosity, chalky, no shows

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100

**Hudson Shale 2920.0 (-1025.0)**

**Heebner Shale 2933.0 (-1065.0)**

Black carb Sh

Sh, soft gray, mica

**Toronto 2951.0 (-1083.0)**

LS, tan, white/cream, fxl, poor scattered visible porosity, trc. sfo, lt. black stain, faint odor

**Douglas Shale 2963.0 (-1095.0)**

Sh, gry, greenish, red, few soft

Sh, gry, maroon, greenish, trc. sd, gry, vfg, well sorted, sub rounded, no shows, no odor

Sh, a/a, sd. gry, clear, fg, well sorted, sub rounded, nsfo, trc. black stain

**Brown Lime 3025.0 (-1157.0)**

LS, brown, fxl, dense, poor visible porosity, cherty, no shows

**Lansing 3037.0 (-1169.0)**

LS, cream, foss/ool, fxl, poor scattered p.p. porosity, v. chalky, sfo, faint odor, golden brown stain

LS, cream, tan, fxl, poor visible p.p. porosity, no shows

LS, tan, oom, good vuggy oom porosity, nsfo, no odor (barren)

LS, tan, fxl, dense, poor visible porosity, no shows, no odor

LS, cream, white, foss, f-med xln, scattered visible porosity, sfo, odor

LS, cream, white, foss, poor visible porosity, v. chalky, sfo, faint odor

LS, tan, buff, foss, poorly developed, scattered p.p. porosity, no shows, no odor

LS, tan, oom, good vuggy oom porosity, chalky, no shows

LS, tan, oom, good vuggy oom porosity, chalky, no shows

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100

**DST#1 3027-3115**

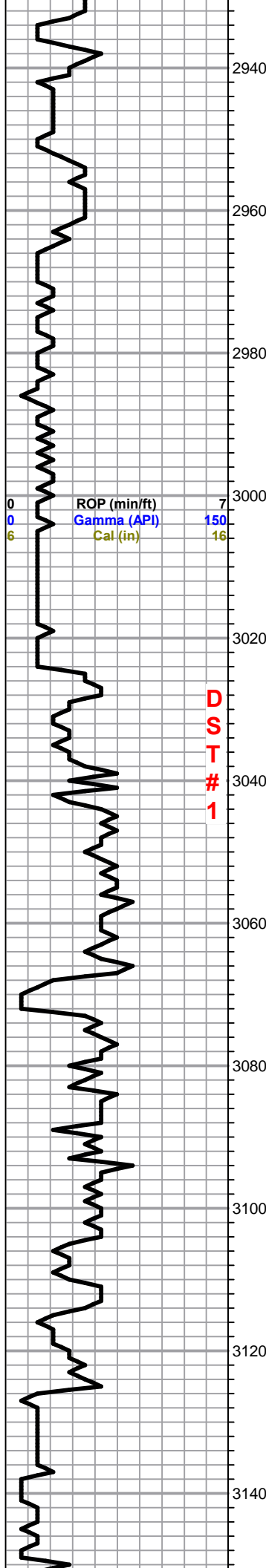
30-30-45-45

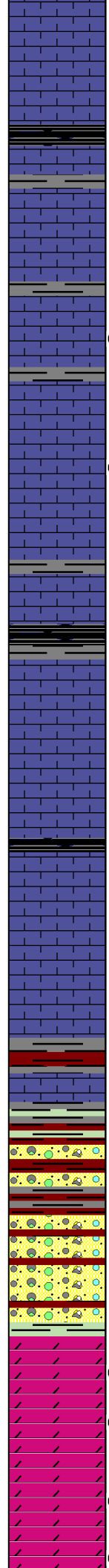
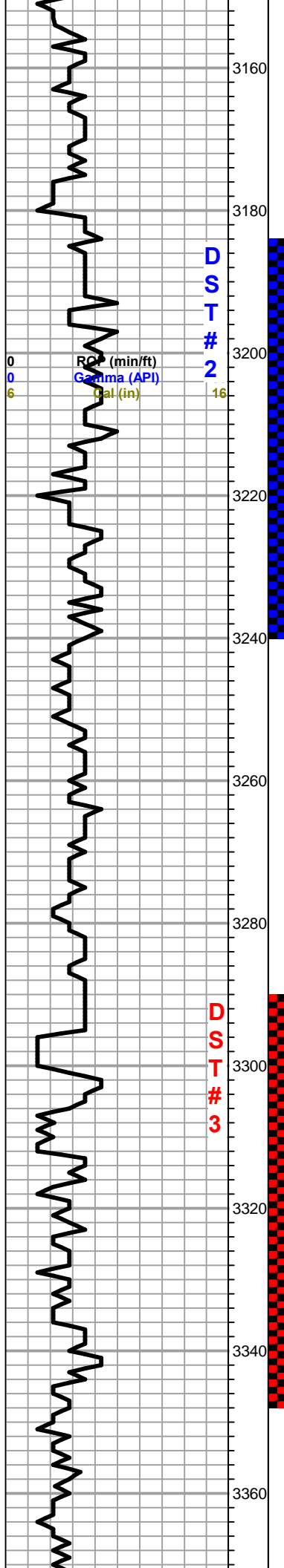
1st Open:  
Weak blow built to 2.5"

2nd Open:  
Weak blow 1 1/4"

Recovery:  
35' Mud with trc of oil

Pressures:  
ISIP 785 psi  
FSIP 765 psi  
IFP 13-20 psi  
FFP 22-28 psi  
HSH 1453-1433





LS, tan, gry, fxl, dense, poor visible porosity, no shows, no odor

Black carb Sh.

LS, tan, few oom/ool, poorly developed, poor scattered porosity, no shows

LS, tan, ool, poorly developed, poor inxln porosity, v. chalky in pts, no shows, no odor, trc. black stain

LS, cream, white, ool, poorly developed, poor scattered vuggy porosity, sfo, fair odor, lt. black stain

LS, gry, tan, fxl, dense, poor visible porosity, cherty, no shows

Sh, black, gry/dk gry

LS, tan, ool, poorly developed, poor visible porosity, chalky, no shows, no odor,

LS, tan, buff, foss, poor scattered porosity, no shows, no odor

Sh, black, gry/dk gry

LS, tan, fxl, dense, poor visible porosity, no shows

LS, a/a

**Base Kansas City 3295.0 (-1427.0)**

Sh, maroon, greenish, waxey

**Conglomerate 3315.0 (-1447.0)**

Sh, maroon, gry, soft, cherts, orange, white, opaque, nsfo, odor???

Sh, a/a, cherts, white, greenish, opque, few ool. no shows, odor???

A/A, trc. soft aqua green shale, odor???

**Arbuckle 3338.0 (-1470.0)**

Dol. white, fine-med, xln, good inxln prosity, sfo, strong odor

Dol. white, cream, white, med xln, good inxln porosity, sfo, strong odor

Dol. white,lg-med xln,fair scattered porosity, coarse grained, good inxln porosity, sfo, faint odor

Dol. white, cream, med xln, poor-fair scattered

**DST#2 3184-3240**

30-30-45-60

1st Open:  
Weak Blow 1/4"

Recovery

5' SLOCM  
(1%O, 99%M)

Pressures:

ISIP 62 psi  
FSIP 56 psi  
IFP 11-12 psi  
FFP 12-13 psi  
HSH 1538-1529 psi

**DST #3 3290-3347**

30-30-45-60

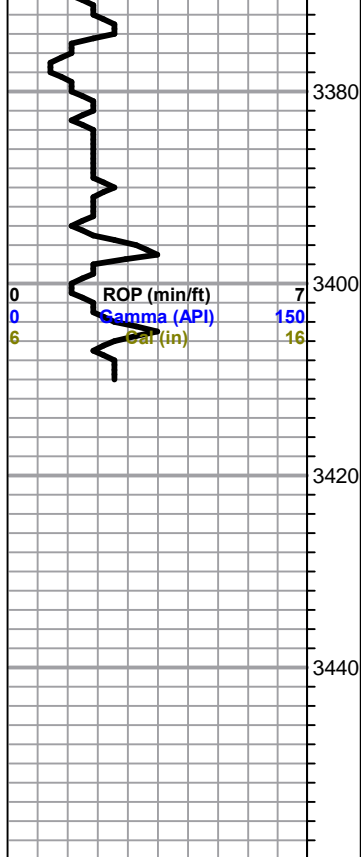
1st Open:  
BOB 4 mins

2nd Open:  
BOB 5 mins

Recovery:  
10' Clean Oil

378'  
SLGCOCMCW  
(4%G, 30%O, 41%  
W, 25%M)

630' MCOCW  
(20%O, 67%W,  
13%M)



porosity, decreasing sfo, faint odor

Dol. white, f-med xln, poor visible porosity, poor inxln porosity, no shows

Dol. white, cream, fxl, poor-fair inxln porosity, no shows, few qtz grains, trc. pyrite

**LTD 3409.0 (-1541.0)**

**RTD 3410.0 (-1542.0)**

126' MCW  
(89%W, 11%M)

Pressures:  
 ISIP 1070 psi  
 FSIP 1072 psi  
 IFP 31-237 psi  
 FFP 240-481 psi  
 HSH 1595-1581 psi

0 100  
 C4 (units) 100



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

Company Webco Oil Company, Inc. Lease & Well No. Alan Woydziak No. 1  
Elevation 1860 GL Formation Lansing "A-F" Effective Pay \_\_\_\_\_ Ft. Ticket No. P0154  
Date 1-23-17 Sec. 36 Twp. 15S Range 12W County Russell State Kansas  
Test Approved By Wyatt Urban Diamond Representative Michael Carroll

Formation Test No. 1 Interval Tested from 3,027 ft. to 3,115 ft. Total Depth 3,115 ft.  
Packer Depth 3,022 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Packer Depth 3,027 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Depth of Selective Zone Set \_\_\_\_\_ ft.

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

Drilling Contractor Southwind Drilling, Inc. - Rig 3 Drill Collar Length \_\_\_\_\_ ft. I.D. \_\_\_\_\_ in.  
Mud Type Chemical Viscosity 70 Weight Pipe Length \_\_\_\_\_ ft. I.D. \_\_\_\_\_ in.  
Weight 8.8 Water Loss 8.0 cc. Drill Pipe Length 3,002 ft. I.D. 3 1/2 in.  
Chlorides 2,300 P.P.M. Test Tool Length 25 ft. Tool Size 3 1/2-IF in.  
Jars: Make Sterling Serial Number Not Run Anchor Length 26' perf. w/62' 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 2 1/2 ins. in 30 mins. No blow back during shut-in.  
2nd Open: Weak, surface blow increasing to 1 1/4 ins. in 45 mins. No blow back during shut-in.

Recovered 35 ft. of mud w/a trace of oil = .498050 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: 8%-oil; 92%-mud

Time Set Packer(s) 8:20 A.M. Time Started off Bottom 10:50 A.M. Maximum Temperature 97°  
Initial Hydrostatic Pressure.....(A) \_\_\_\_\_ P.S.I.  
Initial Flow Period.....Minutes 30 (B) \_\_\_\_\_ P.S.I. to (C) \_\_\_\_\_ P.S.I.  
Initial Closed In Period.....Minutes 30 (D) \_\_\_\_\_ P.S.I.  
Final Flow Period.....Minutes 45 (E) \_\_\_\_\_ P.S.I. to (F) \_\_\_\_\_ P.S.I.  
Final Closed In Period.....Minutes 45 (G) \_\_\_\_\_ P.S.I.  
Final Hydrostatic Pressure.....(H) \_\_\_\_\_ P.S.I.





**Hoisington, Kansas**

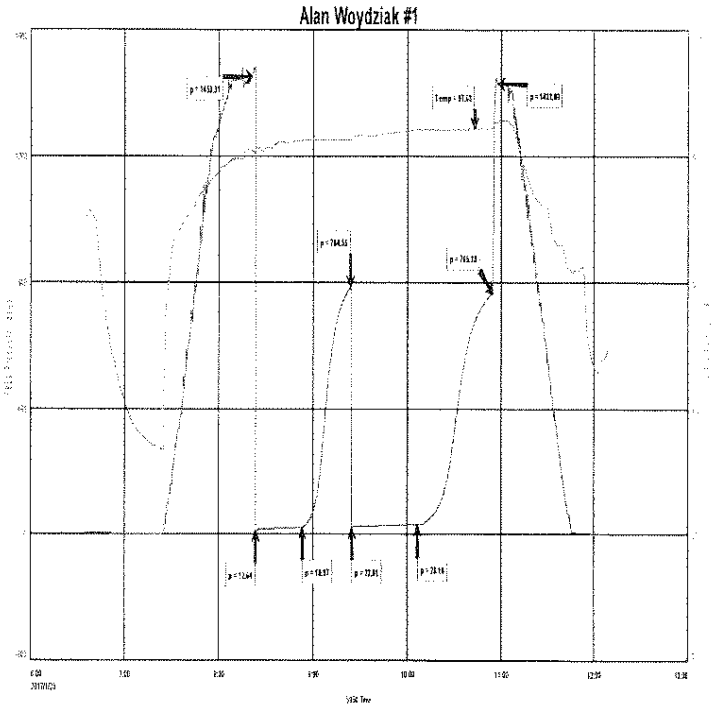
**Michael Carroll**  
 620-617-0368  
 carroll.dtlc@gmail.com

**General Information**

Company Name **Webco Oil Company, Inc**

Contact	<b>N. R. Weber</b>
Well Name	<b>Alan Woydziak #1</b>
Unique Well ID	<b>Dst #1 Lans "A-F" 3027-3115'</b>
Surface Location	<b>Sec 36-15s-12w Russell County</b>
Field	<b>Kraft-Prusa</b>
Well Type	<b>Vertical</b>
Test Type	<b>Drill Stem Test</b>
Well Operator	<b>Webco Oil Company, Inc</b>

Formation	<b>Dst #1 Lans "A-F" 3027-3115'</b>
Well Fluid Type	<b>01 Oil</b>
Test Purpose	<b>Initial Test</b>
Start Test Date	<b>2017/01/23</b>
Start Test Time	<b>06:35:00</b>
Final Test Time	<b>12:10:00</b>
Job Number	<b>P0154</b>
Report Date	<b>2017/01/23</b>
Prepared By	<b>Michael Carroll</b>



**TEST RECOVERY**

Remarks Recovery: 35' Mud With a Trace of Oil >1% Oil, <99% Mud

35' Total Fluid

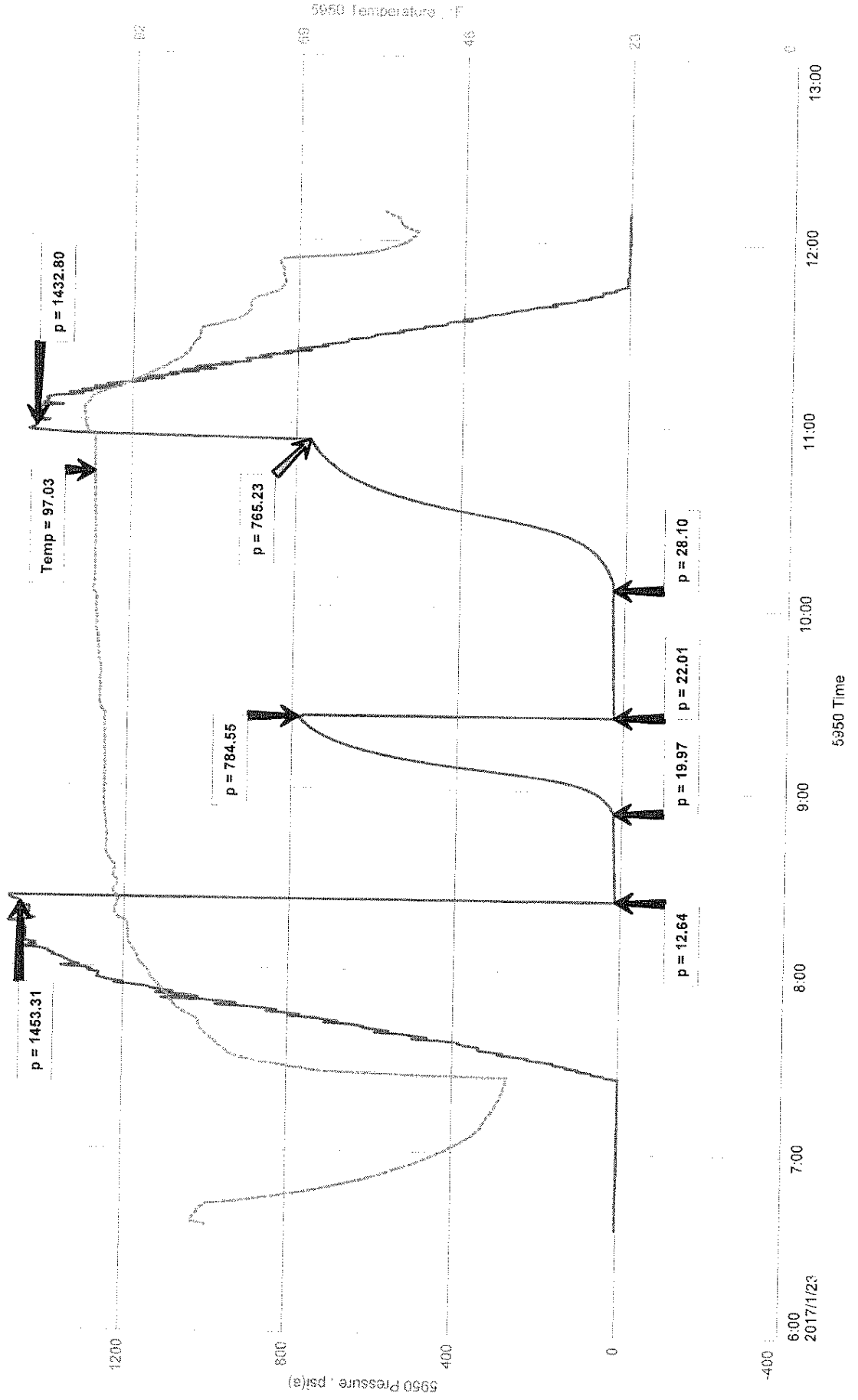
Tool Sample: 8% O 92% M

Webco Oil Company, Inc  
Dst #1 Lans "A-F" 3027-3115'  
Start Test Date: 2017/01/23  
Final Test Date: 2017/01/23

Alan Woydziak #1  
Formation: Dst #1 Lans "A-F" 3027-3115'  
Pool: Infield  
Job Number: P0154

# Alan Woydziak #1

1600  
115





**DIAMOND TESTING, LLC**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(620) 653-7550 • (800) 542-7313  
AWOYDZIAK#1DST#2

Company Webco Oil Company, Inc. Lease & Well No. Alan Woydziak No. 1  
Elevation 1860 GL Formation Lansing/Kansas City "H-J" Effective Pay \_\_\_\_\_ Ft. Ticket No. P0155  
Date 1-24-17 Sec. 36 Twp. 15S Range 12W County Russell State Kansas  
Test Approved By Wyatt Urban Diamond Representative Michael Carroll

Formation Test No. 2 Interval Tested from 3,184 ft. to 3,240 ft. Total Depth 3,240 ft.  
Packer Depth 3,179 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Packer Depth 3,184 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Depth of Selective Zone Set \_\_\_\_\_ ft.

Top Recorder Depth (Inside) 3,172 ft. Recorder Number 5950 Cap. 5,000 psi.  
Bottom Recorder Depth (Outside) 3,221 ft. Recorder Number 0230 Cap. 5,000 psi.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ psi.

Drilling Contractor Southwind Drilling, Inc. - Rig 3 Drill Collar Length \_\_\_\_\_ ft. I.D. \_\_\_\_\_ in.  
Mud Type Chemical Viscosity 58 Weight Pipe Length \_\_\_\_\_ ft. I.D. \_\_\_\_\_ in.  
Weight 9.1 Water Loss 8.0 cc. Drill Pipe Length 3,159 ft. I.D. 3 1/2 in.  
Chlorides 2,000 P.P.M. Test Tool Length 25 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: 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 5 ft. of slightly oil cut mud = .071150 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) 12:12 A.M. Time Started off Bottom 2:57 A.M. Maximum Temperature 99°  
Initial Hydrostatic Pressure.....(A) 1538 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) 62 P.S.I.  
Final Flow Period.....Minutes 45 (E) 12 P.S.I. to (F) 13 P.S.I.  
Final Closed In Period.....Minutes 60 (G) 56 P.S.I.  
Final Hydrostatic Pressure.....(H) 1529 P.S.I.



**Hoisington, Kansas**

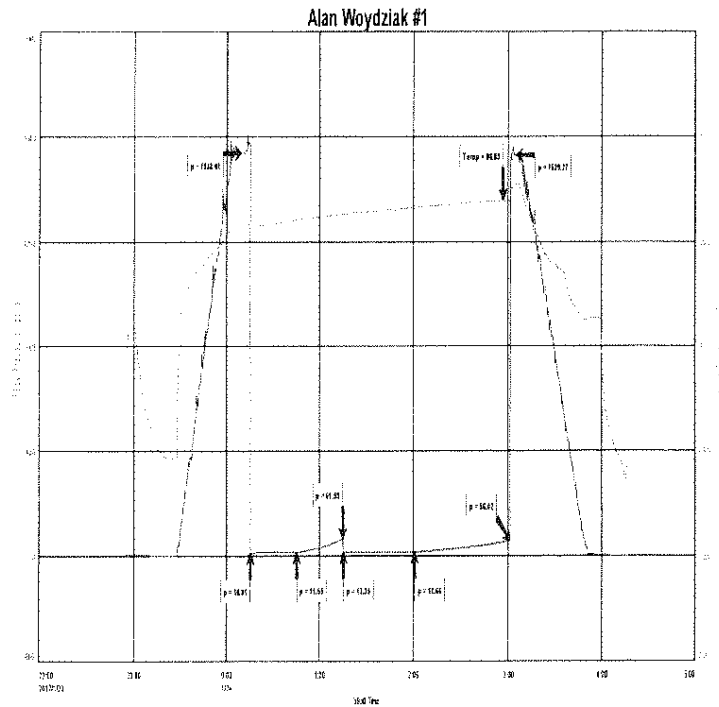
**Michael Carroll**  
 620-617-0368  
 carroll.dtlc@gmail.com

**General Information**

Company Name **Webco Oil Company, Inc**

Contact	<b>N. R. Weber</b>
Well Name	<b>Alan Woydziak #1</b>
Unique Well ID	<b>Dst #2 Lans/KC "H-J" 3184-3240'</b>
Surface Location	<b>Sec 36-15a-12w Russell County</b>
Field	<b>Kraft-Prusa</b>
Well Type	<b>Vertical</b>
Test Type	<b>Drill Stem Test</b>
Well Operator	<b>Webco Oil Company, Inc</b>

Formation	<b>Dst #2 Lans/KC "H-J" 3184-3240'</b>
Well Fluid Type	<b>01 Oil</b>
Test Purpose	<b>Initial Test</b>
Start Test Date	<b>2017/01/23</b>
Start Test Time	<b>22:55:00</b>
Final Test Time	<b>04:15:00</b>
Job Number	<b>P0155</b>
Report Date	<b>2017/01/24</b>
Prepared By	<b>Michael Carroll</b>



**TEST RECOVERY**

Remarks Recovery:    5' SLOCM 1% O    99% M  
                                  5' Total Fluid  
 Tool Sample:            2% O    98% M

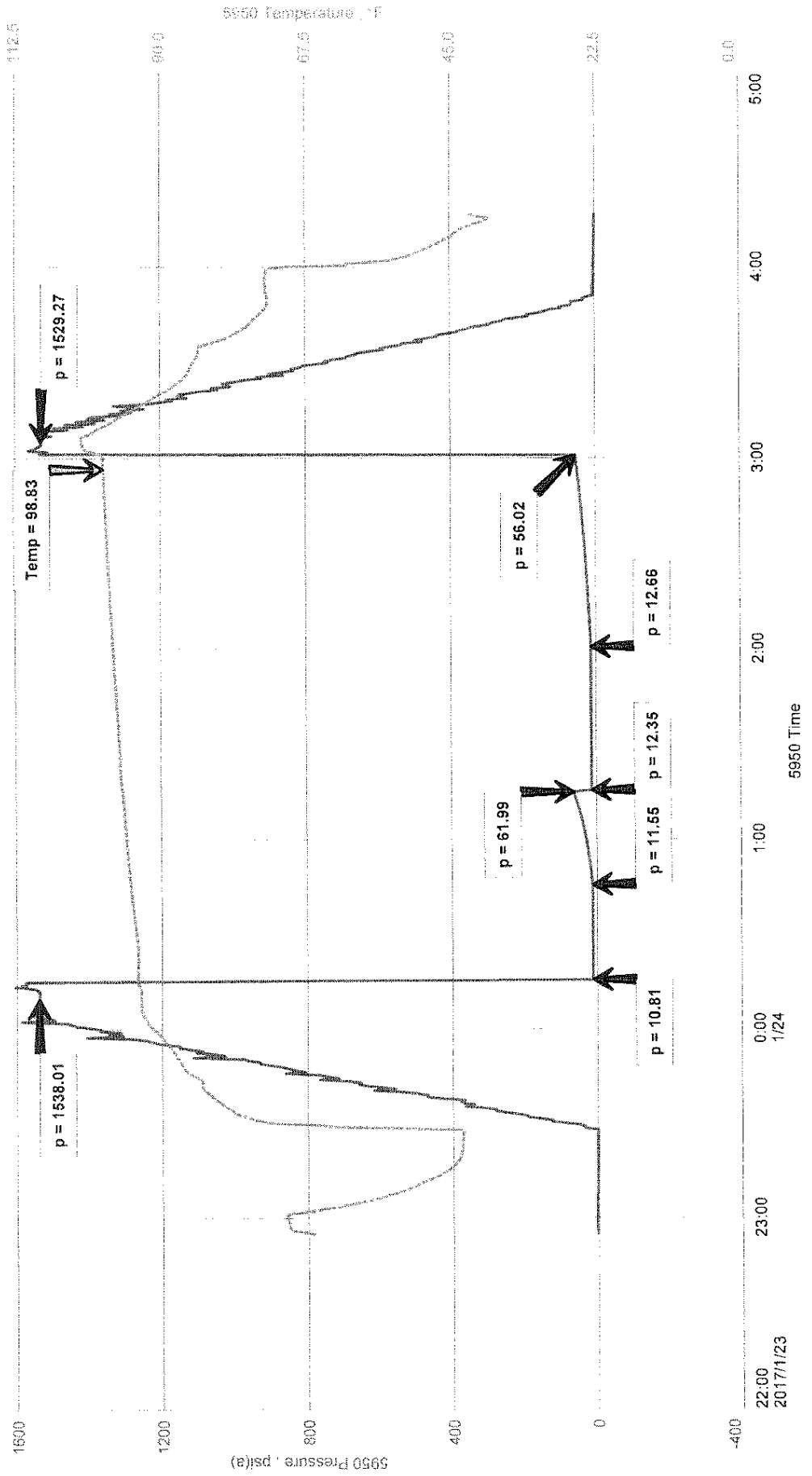
Webco Oil Company, Inc  
Dst #2 Lans/KC "H-J" 3184-3240'  
Start Test Date: 2017/01/23  
Final Test Date: 2017/01/24

Alan Woydziak #1  
Formation: Dst #2 Lans/KC "H-J" 3184-3240'  
Pool: Infield  
Job Number: P0155

# Alan Woydziak #1

2000

105.0



22:00  
2017/1/23

23:00

00:00  
1/24

01:00

02:00

03:00

04:00

05:00

06:00



**DIAMOND TESTING, LLC**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(620) 653-7550 • (800) 542-7313  
AWOYDZIAK#1DST#3

Company Webco Oil Company, Inc. Lease & Well No. Alan Woydziak No. 1  
Elevation 1860 GL Formation Arbuckle Effective Pay \_\_\_\_\_ Ft. Ticket No. P0156  
Date 1-24-17 Sec. 36 Twp. 15S Range 12W County Russell State Kansas  
Test Approved By Wyatt Urban Diamond Representative Michael Carroll

Formation Test No. 3 Interval Tested from 3,290 ft. to 3,347 ft. Total Depth 3,347 ft.  
Packer Depth 3,285 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Packer Depth 3,290 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Depth of Selective Zone Set \_\_\_\_\_ ft.

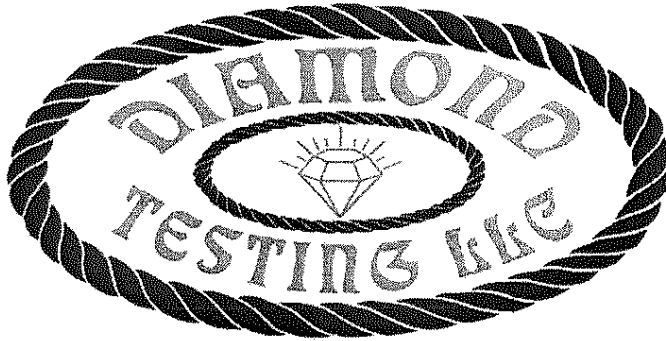
Top Recorder Depth (Inside) 3,278 ft. Recorder Number 5950 Cap. 5,000 psi.  
Bottom Recorder Depth (Outside) 3,327 ft. Recorder Number 0230 Cap. 5,000 psi.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ psi.

Drilling Contractor Southwind Drilling, Inc. - Rig 3 Drill Collar Length \_\_\_\_\_ ft. I.D. \_\_\_\_\_ in.  
Mud Type Chemical Viscosity 49 Weight Pipe Length \_\_\_\_\_ ft. I.D. \_\_\_\_\_ in.  
Weight 9.4 Water Loss 8.8 cc. Drill Pipe Length 3,265 ft. I.D. 3 1/2 in.  
Chlorides 4,000 P.P.M. Test Tool Length 25 ft. Tool Size 3 1/2-IF in.  
Jars: Make Sterling Serial Number Not Run Anchor Length 26' 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 in. blow increasing. Off bottom of bucket in 4 mins. 22 secs. No blow back during shut-in.  
2nd Open: 1 in. blow increasing. Off bottom of bucket in 5 mins. 10 secs. No blow back during shut-in.

Recovered 10 ft. of clean oil = .142300 bbls. (Grind out: 100%-oil) Gravity: 36 @ 60°  
Recovered 378 ft. of slightly gas cut, muddy, oily, water = 5.378940 bbls. (Grind out: 4%-gas; 30%-oil; 41%-water; 25%-mud)  
Recovered 630 ft. of mud & oil cut water = 8.964900 bbls. (Grind out: 20%-oil; 67%-water; 13%-mud)  
Recovered 126 ft. of mud cut water = 1.792980 bbls. (Grind out: 89%-water; 11%-mud)  
Recovered 1,144 ft. of TOTAL FLUID = 16.279120 bbls.  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Remarks Tool Sample Grind Out: 2%-oil; 98%-water (Chlorides: 16,000 Ppm PH: 7.0 RW: .63 @ 50°)

Time Set Packer(s) 7.40 P.M. Time Started off Bottom 10:25 P.M. Maximum Temperature 113°  
Initial Hydrostatic Pressure.....(A) 1595 P.S.I.  
Initial Flow Period.....Minutes 30 (B) 31 P.S.I. to (C) 237 P.S.I.  
Initial Closed In Period.....Minutes 30 (D) 1070 P.S.I.  
Final Flow Period.....Minutes 45 (E) 240 P.S.I. to (F) 481 P.S.I.  
Final Closed In Period.....Minutes 60 (G) 1072 P.S.I.  
Final Hydrostatic Pressure.....(H) 1581 P.S.I.



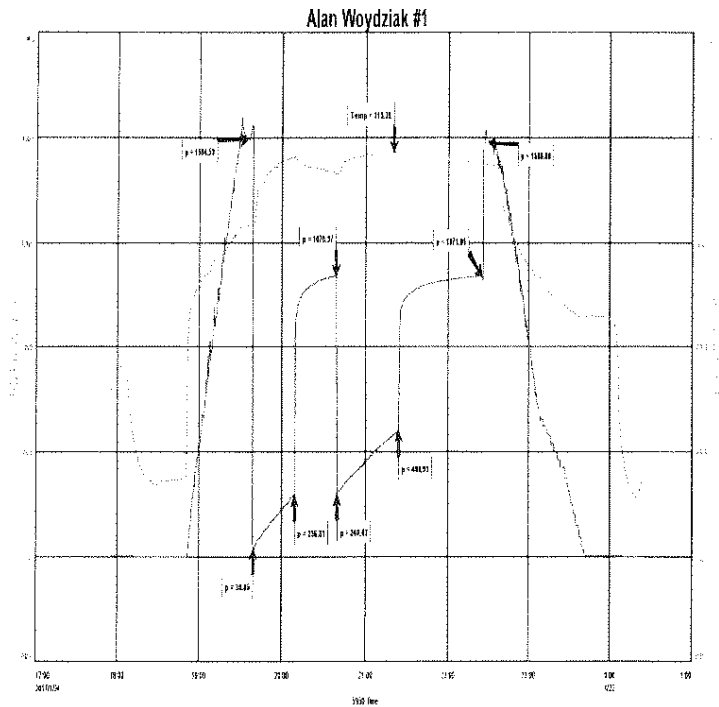
**Hoisington, Kansas**

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

**General Information**

Company Name Webco Oil Company, Inc

Contact	N. R. Weber
Well Name	Alan Woydziak #1
Unique Well ID	Dst #3 Arbuckle 3290-3347'
Surface Location	Sec 36-15s-12w Russell County
Field	Kraft-Prusa
Well Type	Vertical
Test Type	Drill Stem Test
Well Operator	Webco Oil Company, Inc
Formation	Dst #3 Arbuckle 3290-3347'
Well Fluid Type	01 Oil
Test Purpose	Initial Test
Start Test Date	2017/01/24
Start Test Time	17:55:00
Final Test Time	00:25:00
Job Number	P0156
Report Date	2017/01/24
Prepared By	Michael Carroll



**TEST RECOVERY**

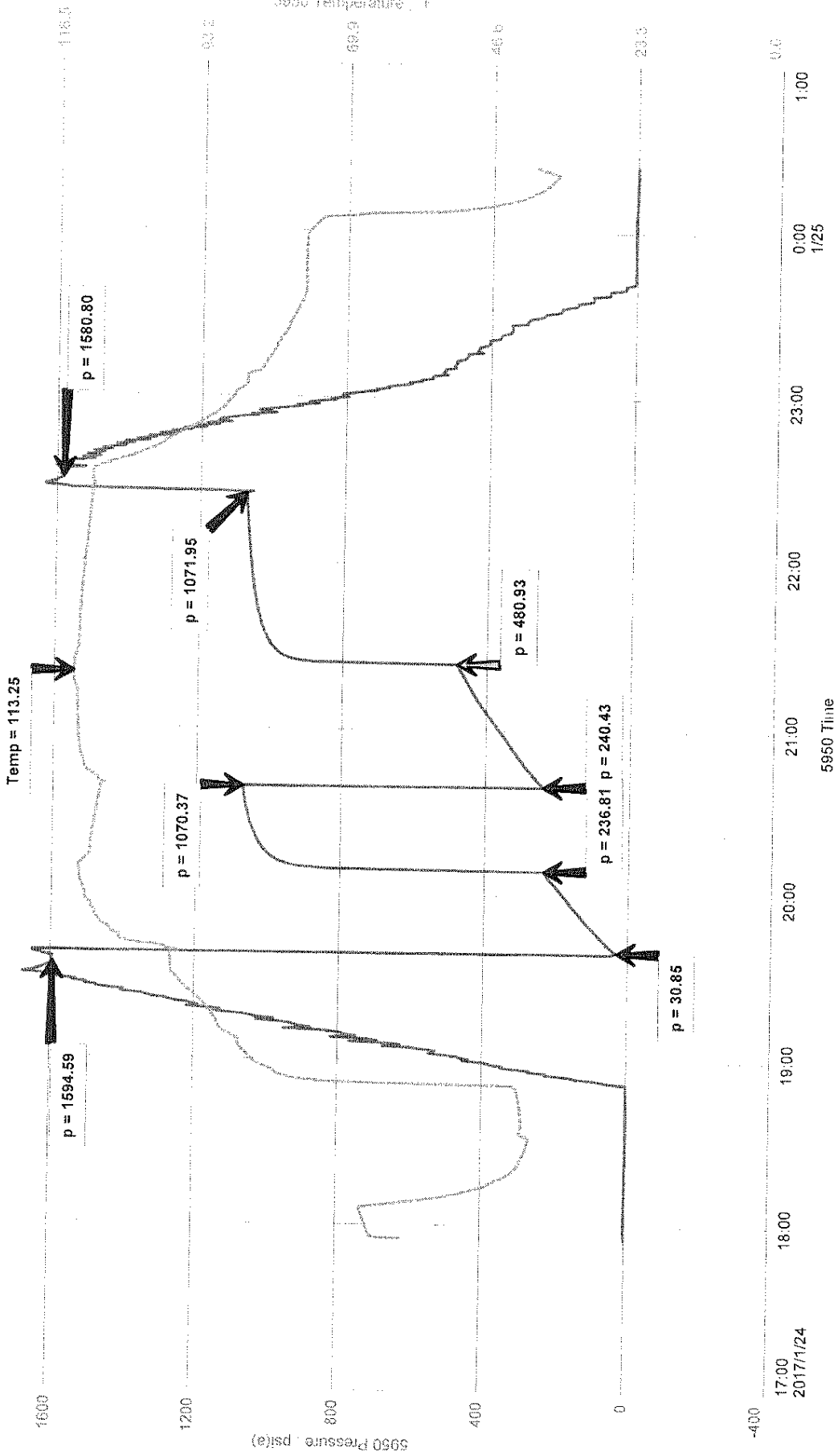
Remarks	Recovery:	10'	Clean Oil	Gravity: 36 @ 60 Degrees
		378'	SLGC,M,O,W	4% G 30% O 41% W 25% M
		630'	M&OCW	20% O 67% W 13% M
		126'	MCW	89% W 11% M
		1144'	Total Fluid:	
	Tool Sample:	2% O	98% W	
		Chlorides: 16,000 PPM		
		PH: 7		
		RW: .63 @ 50 Degrees		

Webco Oil Company, Inc  
Dst #3 Arbuckle 3290-3347  
Start Test Date: 2017/01/24  
Final Test Date: 2017/01/25

Alan Woydziak #1  
Formation: Dst #3 Arbuckle 3290-3347  
Pool: Infield  
Job Number: P0156

# Alan Woydziak #1

2000  
1600  
1200  
800  
400  
0  
-400  
17:00  
2017/1/24  
18:00  
19:00  
20:00  
21:00  
22:00  
23:00  
0:00  
1:00  
5950 Pressure, psi(a)  
5950 Temperature, °F  
5950 Time







**QUALITY OILWELL CEMENTING, INC.**  
 PO Box 32 - 740 West Wichita Ave, Russell KS 67665  
 Phone: 785-324-1041 fax: 785-483-1087  
 Email: cementing@ruraltel.net

Date: 1/25/2017  
 Invoice # 3123

P.O.#:

Due Date: 2/24/2017

Division: Russell

# Invoice

**Contact:**

Webco Oil Company  
 Address/Job Location:

2136 NE 90th Ave  
 Hoisington Ks 67544

**Reference:**

ALAN WOYDZIAK 1 SEC 36-15-12

**Description of Work:**

PROD STRING

Services / Items included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 497.22	No	Premium Gel (Bentonite)	3	\$58.18	Yes
Common-Class A	90	\$ 999.11	Yes	Fio Seal	40	\$53.50	Yes
Mud Clear	1000	\$ 494.88	Yes				
POZ Mix-Standard	60	\$ 280.88	Yes				
5 1/2" Turbolizer	5	\$ 240.75	Yes				
Auto Fill Float Shoe, 5 1/2"	1	\$ 224.70	Yes				
Latch Down Plug & Baffle, 5 1/2"	1	\$ 177.89	Yes				
Salt (Fine)	13	\$ 113.89	Yes				
Bulk Truck Matl-Material Service Charge	177	\$ 118.37	No				
Pump Truck Mileage-Job to Nearest Camp	27	\$ 81.25	No				
Bulk Truck Mileage-Job to Nearest Bulk Plant	27	\$ 63.20	No				

SubTotal: \$ 3,403.80

**Invoice Terms:**

Net 30

Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice: \$ (85.10)

SubTotal for Taxable Items: \$ 2,577.68

SubTotal for Non-Taxable Items: \$ 741.03

Total: \$ 3,318.70

Tax: \$ 219.10

8.50% Russell County Sales Tax

Amount Due: \$ 3,537.80

Applied Payments:

Balance Due: \$ 3,537.80

**Thank You For Your Business!**

Past Due Invoices are subject to a service charge (annual rate of 24%)  
 This does not include any applicable taxes unless it is listed.  
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# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025

Home Office P.O. Box 32 Russell, KS 67665

No. 3128

Cell 785-324-1041

Date	1-25-17	Sec.	36	Twp.	15	Range	12	County	Russell	State	Ks	On Location		Finish	8:45 PM
Lease								Alan Woydzak		Location		Dubuque, Ks - 1/4 NW, 1N, 1/2 E S1/4			
Contractor								Southwind 3		Well No.		#1			
Type Job								Longstring		Owner		To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Hole Size								7 7/8"		T.D.		3410'			
Csg.								5 3/8" 17# New		Depth		3418.57'			
Tbg. Size										Street					
Tool										City		State			
Cement Left in Csg.								15'		Shoe Joint		15'			
Meas Line								Displace		79 BLS		1/4" Flow-seal - 1000 gal mud Clear 48			
<b>EQUIPMENT</b>								Common		96					
Pumptrk								18 No.		Cementer		Dave			
Bulktrk								14 No.		Driver		Jason			
Bulktrk								p.u. No.		Driver		Rick			
<b>JOB SERVICES &amp; REMARKS</b>								Hulls							
Remarks:								Salt		13					
Rat Hole								Flowseal		40#					
Mouse Hole								Kol-Seal							
Centralizers								1, 2, 5, 7, 9		Mud CLR 48		1000 gal			
Baskets								CFL-117 or CD110 CAF 38							
D/V or Port Collar								pipe on bottom back (injection)		Sand					
pump, 1000 gal mud Clear 48 plug								Handling		177					
Bathole w/ 30' ex Hook to 52" Castor								Mileage							
130' ex Cement. Shut down								<b>FLOAT EQUIPMENT</b>							
wash pump & lines Displaced plug								Guide Shoe							
w/ 79' BLS. Released & held								Centralizer		5					
Lift pressure 700 #								Baskets							
Land plug to 1500 #								AFU Inserts							
								Float Shoe		1					
								Latch Down		1					
								Pumptrk Charge		prod string					
								Mileage		27					
Signature								Tax							
								Discount							
								Total Charge							

**Murray Casing Crews, Inc**

PO Box 27

Great Bend, KS 67530

620-793-7587

**Invoice**

INV. DATE INVOICE NO.

1/26/2017 35281

CONTRACTOR or COMPANY

Webco Oil Co  
2136 NE 90th Ave  
Hoisington, KS 67544

LEASE INFORMATION

#1 Woydziak, Alan  
36-15S-12W  
382'FNL & 2155'FWL, SEC  
Russell County  
Southwind Drilling #3

SERVICE DATE FIELD TKT. NO.

1/25/2017 29825

DESCRIPTION

AMOUNT

Power Tongs & 4 Men Ran 3,409' of 5 1/2" Casing	2,386.30
5 1/2" Slips	175.00
5 1/2" Elevators	175.00
Snap-On Thread Protectors	165.00
66 miles @ \$2.65 per mile, round trip	174.90
Courtesy Discount	-307.62

Thank you for your business.

**Total** \$2,768.58

Phone (620) 793-7587

# MURRAY CASING CREWS, INC.

POWER TONG SERVICE  
BOX 27  
GREAT BEND, KANSAS 67530

NO 29825

DATE 1-25- 2011

Company Wagon Oil Called By \_\_\_\_\_  
 Address \_\_\_\_\_ E.O. or F.O. No. \_\_\_\_\_  
 Lease ALAN WYDZIAL Well No. 1 County Russell

## SERVICE REPORT

Tools <u>SUPPLIES</u>	Amount:	<u>350.00</u>
Tools <u>TRUCK PRO.</u>	Amount:	<u>165.00</u>
Casing <u>400 3/4 O.D. 5/8</u>	Amount:	<u>2386.30</u>
Power Tongs <u>4 MEN</u>	Amount:	
Waiting Time	Amount:	
Hourly Work	Amount:	
Transportation Charge <u>606</u> RT Miles @ <u>2.65</u> Per mile	Amount:	<u>174.90</u>
<u>Courtesy Discount</u>	Amount:	<u>-307.62</u>
Tong Operator	Amount:	
Helpers	State & Local Taxes	Amount:
<b>TOTAL SERVICE CHARGE</b>		<u>2718.58</u>

Remarks: \_\_\_\_\_

OWWO NEW

By \_\_\_\_\_



**QUALITY OILWELL CEMENTING, INC.**  
 PO Box 32 - 740 West Wichita Ave, Russell KS 67665  
 Phone: 785-324-1041 fax: 785-483-1087  
 Email: cementing@ruraltel.net

Date: 1/20/2017  
 Invoice # 3120  
 P.O.#:  
 Due Date: 2/19/2017  
 Division: Russell

# Invoice

**Contact:**  
 Webco Oil Company  
 Address/Job Location:

2136 NE 90th Ave  
 Hoisington Ks 67544

**Reference:**  
 ALAN WOYDZIAK 1 SEC 36-15-12

**Description of Work:**  
 SURFACE JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 479.24	No				
Common-Class A	135	\$ 1,444.50	Yes				
POZ Mix-Standard	90	\$ 406.08	Yes				
Calcium Chloride	10	\$ 360.96	Yes				
Bulk Truck Matl-Material Service Charge	239	\$ 154.05	No				
Premium Gel (Bentonite)	4	\$ 74.77	Yes				
Pump Truck Mileage-Job to Nearest Camp	27	\$ 78.32	No				
Bulk Truck Mileage-Job to Nearest Bulk Plant	27	\$ 60.91	No				

**Invoice Terms:**

Net 30

	<i>SubTotal:</i>	\$ 3,058.85
	<i>Discount Available <u>ONLY</u> if Invoice is Paid &amp; Received within listed terms of invoice:</i>	\$ (76.47)
<hr/>		
	SubTotal for Taxable Items:	\$ 2,229.16
	SubTotal for Non-Taxable Items:	\$ 753.21
<hr/>		
	Total:	\$ 2,982.38
	Tax:	\$ 189.48
	<hr/>	
	8.50% Russell County Sales Tax	

**Thank You For Your Business!**

<b>Amount Due:</b>	<b>\$ 3,171.86</b>
<b>Applied Payments:</b>	
<b>Balance Due:</b>	<b>\$ 3,171.86</b>

Past Due Invoices are subject to a service charge (annual rate of 24%)  
 This does not include any applicable taxes unless it is listed.  
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# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 3120

Date	1-20-17	Sec.	36	Twp.	15	Range	12	County	Russell	State	Ks	On Location		Finish	5:30 AM
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Lease Alan Woydzak

Location Dubuque, Ks - 1/4 W, 1N, 3/4 E, S/into

Well No.	#1	Owner	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Contractor	Southwind #3	Charge To	Webco oil
Type Job	Surface	Street	
Hole Size	12 1/4"	City	
Csg.	8 5/8"	State	
Tbg. Size		The above was done to satisfaction and supervision of owner agent or contractor.	
Tool		Cement Amount Ordered 225 60/40 4% CC 2% Gel	
Cement Left in Csg.	15'	Shoe Joint	15'
Meas Line		Displace	28 1/2 BUS

**EQUIPMENT**

Pumptrk	5	No.	Cementer	Brett	Common	135
			Helper		Poz. Mix	90
Bulktrk	14	No.	Driver	Doug	Gel.	4
			Driver		Calcium	10
Bulktrk	P.U.	No.	Driver	Rick		

**JOB SERVICES & REMARKS**

Remarks:	Cement did Circulate	Hulls	
Rat Hole		Salt	
Mouse Hole		Flowseal	
Centralizers		Kol-Seal	
Baskets		Mud CLR 48	
D/V or Port Collar		CFL-117 or CD110 CAF 38	
		Sand	
		Handling	239
		Mileage	

**FLOAT EQUIPMENT**

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	
Pumptrk Charge	Surface
Mileage	27

X Signature

*[Handwritten Signature]*

Tax  
Discount  
Total Charge