



**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       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- 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 ENHR       Conv. to SWD
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - \_\_\_\_\_

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

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

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

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

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

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

Total 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**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report 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 and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  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				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  Flowing  Pumping  Gas Lift  Other *(Explain)* \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbbs.	Gas Mcf	Water Bbbs.	Gas-Oil Ratio	Gravity
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<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	<b>PRODUCTION INTERVAL:</b> _____ _____
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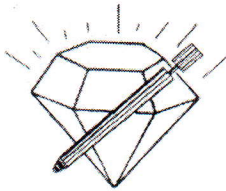
Form	ACO1 - Well Completion
Operator	Kantor Oil Company, LLC
Well Name	Carmichael A 3
Doc ID	1132636

All Electric Logs Run

Porosity Log
Induction Log
Micro Log
Cement Bond Log







**DIAMOND TESTING**  
 P.O. Box 157  
 HOISINGTON, KANSAS 67544  
 (800) 542-7313  
**DRILL-STEM TEST TICKET**  
 FILE: cara3dst1

TIME ON: 08:59:00  
 TIME OFF: 17:22:00

Company Kantor Oil Co. LLC Lease & Well No. Carmichael A #3  
 Contractor Val Energy Rig #3 Charge to Kantor Oil Co. LLC  
 Elevation 1479 KB Formation Miss Chert Effective Pay -- Ft. Ticket No. S0261  
 Date 12-31-12 Sec. 10 Twp. 24 S Range 4 W County Reno State KANSAS  
 Test Approved By Roger Martin Diamond Representative Jacob McCallie

Formation Test No. 1 Interval Tested from 3307 ft. to 3340 ft. Total Depth 3340 ft.  
 Packer Depth 3302 ft. Size 6 3/4 in. Packer depth          ft. Size 6 3/4 in.  
 Packer Depth 3307 ft. Size 6 3/4 in. Packer depth          ft. Size 6 3/4 in.  
 Depth of Selective Zone Set         

Top Recorder Depth (Inside) 3288 ft. Recorder Number 30035 Cap. 10,000 P.S.I.  
 Bottom Recorder Depth (Outside) 3337 ft. Recorder Number 3851 Cap. 5,700 P.S.I.  
 Below Straddle Recorder Depth          ft. Recorder Number          Cap.          P.S.I.  
 Mud Type Chem Viscosity 54 Drill Collar Length 0 ft. I.D. 2 1/4 in.  
 Weight 9.5 Water Loss 6.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
 Chlorides 2,100 P.P.M. Drill Pipe Length 3274 ft. I.D. 3 1/2 in.  
 Jars: Make STERLING Serial Number 3 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.  
 Did Well Flow? NO Reversed Out NO Anchor Length 33 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 BB in 14 min** **WSBB**  
 2nd Open: **3/4" Blow- Built to BB in 24 min** **WSBB**

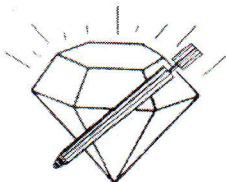
Recovered 141 ft. of GIP  
 Recovered 46 ft. of OSM 3% O 97% M  
 Recovered 63 ft. of OSSLWCM 3% O 18% W 79% M  
 Recovered 109 ft. of TOTAL FLUID

Recovered          ft. of Ph: 7 RW: .32 @ 58 degrees F  
 Recovered          ft. of Chlorides: 26,000 ppm  
 Remarks: Diesel in bucket  
 Tool Sample: 2% O 80% W 18% M

	Price Job
	Other Charges
	Insurance
	Total

Time Set Packer(s) 11:42 AM A.M. P.M. Time Started Off Bottom 2:42 PM A.M. P.M. Maximum Temperature 109  
 Initial Hydrostatic Pressure..... (A) 1633 P.S.I.  
 Initial Flow Period..... Minutes 30 (B) 11 P.S.I. to (C) 30 P.S.I.  
 Initial Closed In Period..... Minutes 45 (D) 368 P.S.I.  
 Final Flow Period..... Minutes 45 (E) 34 P.S.I. to (F) 57 P.S.I.  
 Final Closed In Period..... Minutes 60 (G) 363 P.S.I.  
 Final Hydrostatic Pressure..... (H) 1633 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



**DIAMOND TESTING**  
 P.O. Box 157  
 HOISINGTON, KANSAS 67544  
 (800) 542-7313  
**DRILL-STEM TEST TICKET**  
 FILE: cara3dst2

TIME ON: 1-1 22:38:00

TIME OFF: 1-2 05:52:00

Company Kantor Oil Co. LLC Lease & Well No. Carmichael A #3  
 Contractor Val Energy Rig #3 Charge to Kantor Oil Co. LLC  
 Elevation 1479 KB Formation Hunton Effective Pay -- Ft. Ticket No. S0262  
 Date 1-2-13 Sec. 10 Twp. 24 S Range 4 W County Reno State KANSAS  
 Test Approved By Roger Martin Diamond Representative Jacob McCallie

Formation Test No. 2 Interval Tested from 3533 ft. to 3658 ft. Total Depth 3658 ft.  
 Packer Depth 3528 ft. Size 6 3/4 in. Packer depth          ft. Size 6 3/4 in.  
 Packer Depth 3533 ft. Size 6 3/4 in. Packer depth          ft. Size 6 3/4 in.  
 Depth of Selective Zone Set         

Top Recorder Depth (Inside) 3514 ft. Recorder Number 30035 Cap. 10,000 P.S.I.  
 Bottom Recorder Depth (Outside) 3655 ft. Recorder Number 3851 Cap. 5,700 P.S.I.  
 Below Straddle Recorder Depth          ft. Recorder Number          Cap.          P.S.I.  
 Mud Type Chem Viscosity 59 Drill Collar Length 0 ft. I.D. 2 1/4 in.  
 Weight 9.5 Water Loss 6.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
 Chlorides 4,200 P.P.M. Drill Pipe Length 3500 ft. I.D. 3 1/2 in.  
 Jars: Make STERLING Serial Number 3 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.  
 Did Well Flow? NO Reversed Out NO Anchor Length 125 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.

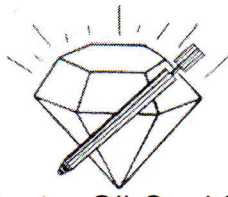
Blow: 1st Open: 1/2" Blow- Built to 2" in 30 min **NOBB**  
 2nd Open: WSB- Died in 9 min **NOBB**

Recovered 5 ft. of DM 100%M  
 Recovered          ft. of           
 Recovered          ft. of           
 Recovered          ft. of           
 Recovered          ft. of         

Recovered <u>        </u> ft. of <u>        </u>	Price Job
Remarks: <u>Diesel in bucket</u>	Other Charges
<u>Tool Sample: 100% M</u>	Insurance
	Total

Time Set Packer(s) 1:03 AM A.M. P.M. Time Started Off Bottom 3:33 AM A.M. P.M. Maximum Temperature 109  
 Initial Hydrostatic Pressure..... (A) 1706 P.S.I.  
 Initial Flow Period..... Minutes 30 (B) 9 P.S.I. to (C) 10 P.S.I.  
 Initial Closed In Period..... Minutes 45 (D) 369 P.S.I.  
 Final Flow Period..... Minutes 30 (E) 10 P.S.I. to (F) 10 P.S.I.  
 Final Closed In Period..... Minutes 45 (G) 298 P.S.I.  
 Final Hydrostatic Pressure..... (H) 1696 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



**DIAMOND TESTING**  
P.O. Box 157  
HOISINGTON, KANSAS 67544  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: cara3dst3

TIME ON: 1-2 20:37:00  
TIME OFF: 1-3 06:03:00

Company Kantor Oil Co. LLC Lease & Well No. Carmichael A #3  
Contractor Val Energy Rig #3 Charge to Kantor Oil Co. LLC  
Elevation 1479 KB Formation Viola & Simpson Sd. Effective Pay -- Ft. Ticket No. S0263  
Date 1-3-13 Sec. 10 Twp. 24 S Range 4 W County Reno State KANSAS  
Test Approved By Roger Martin Diamond Representative Jacob McCallie

Formation Test No. 3 Interval Tested from 3770 ft. to 3790 ft. Total Depth 3790 ft.  
Packer Depth 3765 ft. Size 6 3/4 in. Packer depth          ft. Size 6 3/4 in.  
Packer Depth 3770 ft. Size 6 3/4 in. Packer depth          ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3751 ft. Recorder Number 30035 Cap. 10,000 P.S.I.  
Bottom Recorder Depth (Outside) 3787 ft. Recorder Number 3851 Cap. 5,700 P.S.I.  
Below Straddle Recorder Depth          ft. Recorder Number          Cap.          P.S.I.

Mud Type Chem Viscosity 50 Drill Collar Length 0 ft. I.D. 2 1/4 in.  
Weight 9.3 Water Loss 6.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 1,700 P.P.M. Drill Pipe Length 3737 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number 3 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NO Reversed Out YES Anchor Length 20 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: BB Immediately WSBB  
2nd Open: 9" Blow- Built to BB in 36 seconds NOBB

Recovered <u>30</u> ft. of <u>GIP</u>		
Recovered <u>5</u> ft. of <u>CO</u>	100% O GRAVITY: 38.5 @ 60 degrees F	
Recovered <u>88</u> ft. of <u>OCWM</u>	22% O 38% W 40% M	
Recovered <u>252</u> ft. of <u>SLGCSLOCMW</u>	2% G 11% O 44% W 43% M	
Recovered <u>441</u> ft. of <u>SLMCHOCW</u>	40% O 59% W 1% M	Price Job
Recovered <u>2205</u> ft. of <u>SLMCOSW</u>	2% O 97% W 1% M	Other Charges
Remarks: <u>2991 TOTAL FLUID Ph: 7 RW: .4 @ 52 degrees F</u>		Insurance
<u>Diesel in bucket/ Reversed out 2079 ft of fluid to pit / Chlorides: 22,000 ppm</u>		
<u>Tool Sample: 2% O 92% W 6% M</u>		Total

Time Set Packer(s) 1-2 10:36 PM <sup>A.M.</sup>/<sub>P.M.</sub> Time Started Off Bottom 1-3 1:21 AM <sup>A.M.</sup>/<sub>P.M.</sub> Maximum Temperature 124

Initial Hydrostatic Pressure..... (A) 1838 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 351 P.S.I. to (C) 1119 P.S.I.  
Initial Closed In Period..... Minutes 45 (D) 1333 P.S.I.  
Final Flow Period..... Minutes 30 (E) 1152 P.S.I. to (F) 1327 P.S.I.  
Final Closed In Period..... Minutes 60 (G) 1339 P.S.I.  
Final Hydrostatic Pressure..... (H) 1828 P.S.I.

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