



KANSAS CORPORATION COMMISSION 1085038
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

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 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

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: _____



1085038

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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ 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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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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> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Double D's LLC
Well Name	Reichert 1
Doc ID	1085038

All Electric Logs Run

Sonic
Neutron Density
Micro
Dual Induction

Form	ACO1 - Well Completion
Operator	Double D's LLC
Well Name	Reichert 1
Doc ID	1085038

Tops

Name	Top	Datum
Anhy	1182	+805
Base	1220	+767
Topeka	2970	-983
Hebner	3234	-1247
Toronto	3254	-1267
Lansing	3280	-1293
B KC	3534	-1547
Mar	3572	-1585
Cong. Sd	3564	-1677
Arbuckle	3636	-1649

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. 407

Date	5-2-12	Sec.	23	Twp.	15	Range	19	County	Ellis	State	Ks	On Location		Finish	2:00 PM
Lease	Reichert		Well No.	1		Location	Antonino, Ks - 35, 1/2 W, 5/1 Into								
Contractor	Discovery #3				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.									
Type Job	Production				Hole Size	7 7/8"		T.D.	3670'		Charge To	Double D's			
Csg.	5 1/2" 14# New		Depth	3670'		Tbg. Size			Depth			Street			
Tool			Depth			City			State						
Cement Left in Csg.	20.26'		Shoe Joint	20.26'		The above was done to satisfaction and supervision of owner agent or contractor.									
Meas Line			Displace	89 BLS		Cement Amount Ordered	200 sy Common 10% Salt 5% Gilsonite - 500 gal Mud Clear 48 - 20 BL KCL								
EQUIPMENT															
Pumptrk	9	No.	Cementer	Matt		Common									
			Helper												
Bulktrk	14	No.	Driver	Douay		Poz. Mix									
			Driver												
Bulktrk	piw.	No.	Driver	Rick		Gel.									
			Driver												
JOB SERVICES & REMARKS															
Remarks:	Pipe on bottom, break Circ.					Hulls									
Rat Hole	Pump 500 gal Mud Clear 48					Salt									
Mouse Hole	plug Rat hole w/ 30 sy					Flowseal									
Centralizers	plug mouse hole w/ 15 sy					Kol-Seal									
Baskets	Hook to 5 1/2" Casing + Mix					Mud CLR 48									
D/V or Port Collar	155 sy Common 10% Salt					CFL-117 or CD110 CAF 38									
5% Gilsonite. shut down. wash pump + lines. Released plug + Displaced with 89 BLS of water. First 20 BLS of displacement w/ KCL Released + held.						Sand									
Lift pressure 700 #						Handling									
Land plug to 1400 #						Mileage									
						FLOAT EQUIPMENT									
						Guide Shoe									
						Centralizer 6 turbo's									
						Baskets 2									
						AFU Inserts									
						Float Shoe 1									
						Latch Down 1									
						Pumptrk Charge									
						Mileage									
						Tax									
						Discount									
						Total Charge									
X Signature	[Signature]														

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. 377

Date	4-25-12	Sec.	23	Twp.	15	Range	19	County	ELLIS	State	KANSAS	On Location		Finish	7:30 PM	
Lease	REICHERT		Well No.	#1		Location	ANTONINO 3 mi. S-1/2 mt. W - SINTO									
Contractor	DISCOVERY DRILLING #3					Owner	DOUBLE D'S LLC									
Type Job	LONG SURFACE					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	12 1/4		T.D.	1187'												
Csg.	8 7/8"		Depth	1187'												
Tbg. Size			Depth													
Tool			Depth													
Cement Left in Csg.			Shoe Joint	24.98												
Meas Line			Displace	74 BLS												
										Charge To	DOUBLE D'S LLC					
										Street	133 E 12TH					
										City	HAYS		State	KANSAS, 67601		
										The above was done to satisfaction and supervision of owner agent or contractor.						
										Cement Amount Ordered	470 SKS-3% GEL-2% GEL					

EQUIPMENT

Pumptrk #15	No.	Cementer/Helper	PAUC	Common
Bulktrk #13	No.	Driver	LEVY	Poz. Mix
Bulktrk #14	No.	Driver	CISLO	Gel.

JOB SERVICES & REMARKS

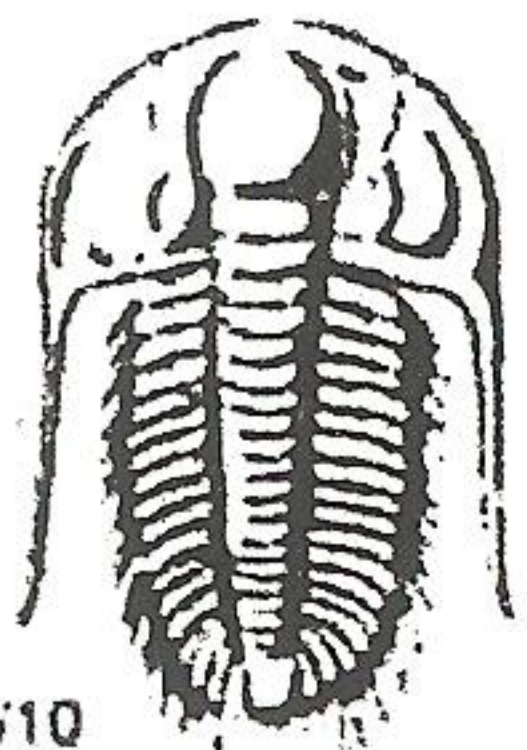
Remarks:	Calcium
Rat Hole	Hulls
Mouse Hole	Salt
Centralizers	Flowseal
Baskets	Kol-Seal
D/V or Port Collar	Mud CLR 48
	CFL-117 or CD110 CAF 38
	Sand
	Handling
	Mileage

FLOAT EQUIPMENT

CEMENT CIRCULATE	Guide Shoe
	Centralizer
	Baskets 1-8 7/8" BASKET
	AFU Inserts
	Float Shoe
	Latch Down
	1-8 7/8" RUBBER PLUG
THANK YOU!	1-8 7/8" BAFFLE PLATE

	Pumptrk Charge	
	Mileage	
		Tax
		Discount
		Total Charge

X Signature *[Handwritten Signature]*



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
MAY 03 2012

Test Ticket

NO. 47719

Well Name & No. Reichert #1 Test No. 1 Date 4/28/12
 Company Double D's LLC Elevation 1988 KB 1981 GL
 Address 133 E 127th Hays KS 67601
 Co. Rep / Geo. Al Downing Rig Discovery #3
 Location: Sec. 23 Twp. 15 Rge. 19 Co. L11.5 State KS

Interval Tested 3290-3317 Zone Tested KC" C"
 Anchor Length 27 Drill Pipe Run ~~_____~~ Mud Wt. 8.6
 Top Packer Depth 3285 Drill Collars Run 30 Vis 45
 Bottom Packer Depth 3290 Wt. Pipe Run _____ WL 8.0
 Total Depth 3317 Chlorides 4,500 ppm System LCM 145

Blow Description IF - BOB in 2 1/2 min
ISF - No blow
FF - BOB in 4 min
FSI - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>1</u>	<u>oil</u>				
<u>769</u>	<u>water</u>				
_____	_____				
_____	_____				
_____	_____				

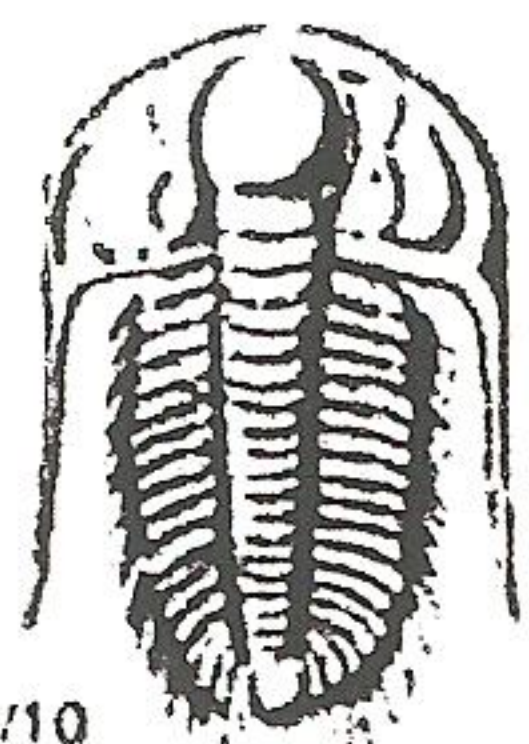
Rec Total 770 BHT 108 Gravity _____ API RW .07 @ 65 °F Chlorides 130,000 ppm

(A) Initial Hydrostatic 6609 Test 1150 T-On Location 18:20
 (B) First Initial Flow 62 Jars _____ T-Started 19:15
 (C) First Final Flow 210 Safety Joint _____ T-Open 21:20
 (D) Initial Shut-In 613 Circ Sub _____ T-Pulled 23:55
 (E) Second Initial Flow 225 Hourly Standby _____ T-Out 1:45
 (F) Second Final Flow 386 Mileage 16 x 2 49.60 Comments _____
 (G) Final Shut-In 600 Sampler _____
 (H) Final Hydrostatic 4559 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open 15
 Initial Shut-In 40
 Final Flow 30
 Final Shut-In 60
 Sub Total 1199.60
 Total 1199.60
 MP/DST Disc't _____

Approved By _____ Our Representative Butch D...

Trilobite Testing Inc. shall not be liable for damaged of any kind of 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 statements or opinion concerning the results 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.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
MAY 03 2012

Test Ticket

BY: _____

NO. 47720

Well Name & No. <u>Reichert #1</u>	Test No. <u>2</u>	Date <u>4/29/12</u>
Company <u>Double D's LLC</u>	Elevation <u>1988</u>	KB <u>1981</u> GL
Address <u>133 E 12th Hays KS 67601</u>		
Co. Rep / Geo. <u>Al Downing</u>	Rig <u>Discovery #3</u>	
Location: Sec. <u>23</u> Twp. <u>15</u> Rge. <u>19</u>	Co. <u>Ellis</u>	State <u>KS</u>

Interval Tested <u>3320-3340</u>	Zone Tested <u>KC "D"</u>
Anchor Length <u>20</u>	Drill Pipe Run <u>3294</u> Mud Wt. <u>8.8</u>
Top Packer Depth <u>3315</u>	Drill Collars Run <u>30</u> Vis <u>48</u>
Bottom Packer Depth <u>3320</u>	Wt. Pipe Run <u>-</u> WL <u>8.0</u>
Total Depth <u>3340</u>	Chlorides <u>2,500</u> ppm System LCM

Blow Description IF - BOB in 6 1/2 min
ISI - No blow
FF - BOB in 10 1/2 min
FSI - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>1</u>	<u>oil</u>				
<u>579</u>	<u>water</u>				
Rec _____	Feet of _____	%gas	%oil	%water	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud

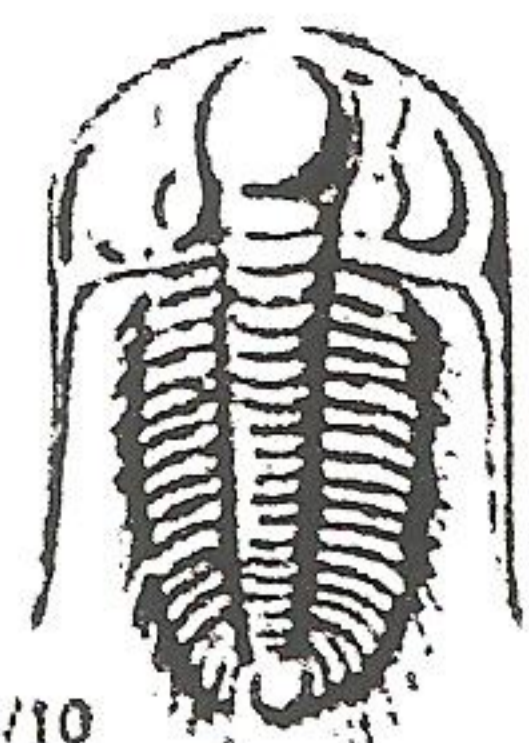
Rec Total 580 BHT 110 Gravity _____ API RW .07 @ 75 °F Chlorides 110,000 ppm

(A) Initial Hydrostatic <u>1,631</u>	<input checked="" type="checkbox"/> Test <u>1160</u>	T-On Location <u>8:05</u>
(B) First Initial Flow <u>29</u>	<input type="checkbox"/> Jars _____	T-Started <u>8:05</u>
(C) First Final Flow <u>186</u>	<input type="checkbox"/> Safety Joint _____	T-Open <u>10:15</u>
(D) Initial Shut-In <u>585</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>12:15</u>
(E) Second Initial Flow <u>195</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>14:15</u>
(F) Second Final Flow <u>293</u>	<input checked="" type="checkbox"/> Mileage <u>16x2 49.60</u>	Comments _____
(G) Final Shut-In <u>579</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>1,581</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____

Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Packer _____
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby _____	Total <u>1199.60</u>
	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1199.60</u>	

Approved By _____ Our Representative Brett Dahl

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
MAY 03 2012

Test Ticket

NO. 47721

Well Name & No. Reichert #1 Test No. 3 Date 4/29/12
 Company Double D's LLC Elevation 1988 KB 1981 GL
 Address 133 E 12th Hays KS 67601
 Co. Rep / Geo. Al Downing Rig Discovery #3
 Location: Sec. 23 Twp. 15 Rge. 19 Co. Ellis State KS

Interval Tested 3345-3364 Zone Tested KC"E"
 Anchor Length 19 Drill Pipe Run 3328 Mud Wt. 8.8
 Top Packer Depth 3340 Drill Collars Run 30 Vis 48
 Bottom Packer Depth 3345 Wt. Pipe Run — WL 8.0
 Total Depth 3364 Chlorides 2,500 ppm System LCM

Blow Description IF - BOB in 16 min
ISF - No blow
FF - 8 in blow
FSI - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>oil</u>	<u>5</u>	<u>95</u>		
<u>40</u>	<u>MCW</u>			<u>70</u>	<u>30</u>
<u>125</u>	<u>water</u>				
	<u>25 FT GIP</u>				

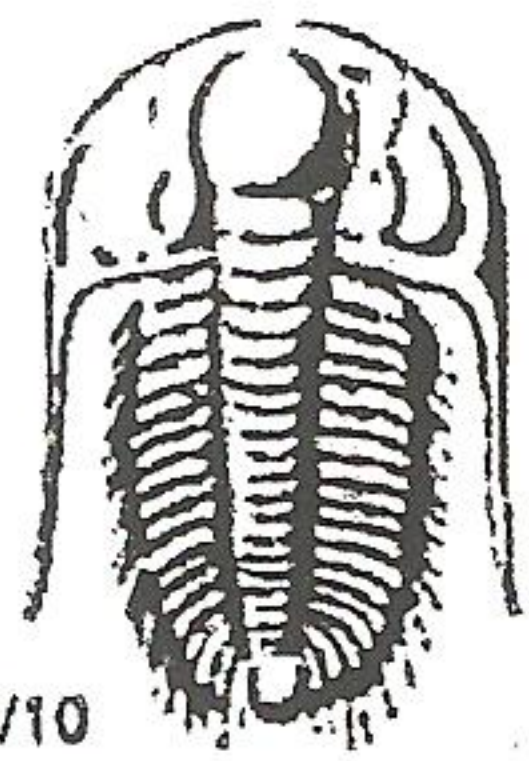
Rec Total 170 BHT 110 Gravity 35 API RW .065 @ 65 °F Chlorides 159000 ppm

(A) Initial Hydrostatic 1,650 Test 1150 T-On Location 20:25
 (B) First Initial Flow 27 Jars — T-Started 20:40
 (C) First Final Flow 66 Safety Joint — T-Open 22:30
 (D) Initial Shut-In 643 Circ Sub — T-Pulled 00:30
 (E) Second Initial Flow 70 Hourly Standby — T-Out 2:25
 (F) Second Final Flow 96 Mileage 16x2 49.60 Comments —
 (G) Final Shut-In 595 Sampler —
 (H) Final Hydrostatic 1,575 Straddle —
 Shale Packer — Ruined Shale Packer —
 Extra Packer — Ruined Packer —
 Extra Recorder — Extra Copies —

Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 30
 Sub Total 1199.60
 Total 1199.60
 MP/DST Disc't —

Approved By — Our Representative Brian Downing

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
MAY 03 2012

Test Ticket

BY: _____

NO. 47722

Well Name & No. Reichert #1 Test No. 4 Date 4/30/12
 Company Double D's LLC Elevation 1988 KB 1981 GL
 Address 133 E 12th Hays KS 67601
 Co. Rep / Geo. Al Downing Rig Discovery #3
 Location: Sec. 23 Twp. 15 Rge. 19 Co. Ellis State KS

Interval Tested 3457 - 3482 Zone Tested KC"J"
 Anchor Length 25 Drill Pipe Run 3423 Mud Wt. 8.8
 Top Packer Depth 3452 Drill Collars Run 30 Vis 4c
 Bottom Packer Depth 3437 Wt. Pipe Run — WL 8.0
 Total Depth 3482 Chlorides 2500 ppm System LCM

Blow Description IF - BOB in 2 1/2 min
ISF - very weak surface blow
FF - BOB in 1 1/2 min
FST - 4 in blow

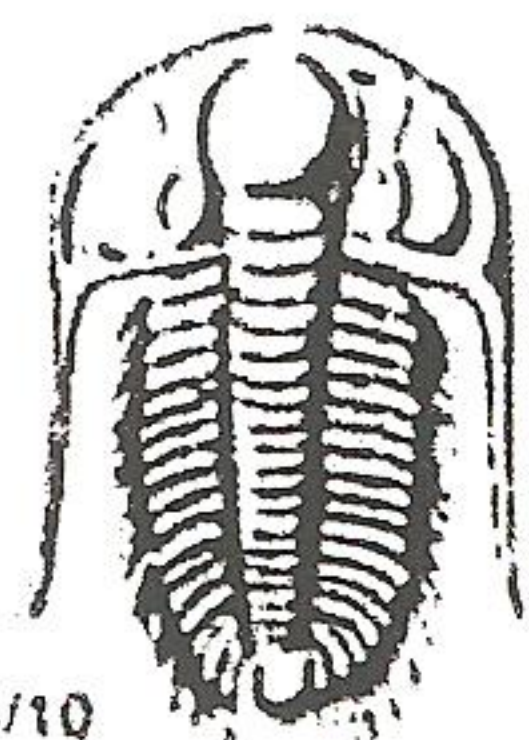
Rec	Feet of	%gas	%oil	%water	%mud
<u>105</u>	<u>60</u>	<u>30</u>	<u>70</u>		
<u>65</u>	<u>6MC0</u>	<u>40</u>	<u>40</u>		<u>20</u>
	<u>2560' GIP</u>				

Rec Total 170 BHT _____ Gravity 39 API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>1,764</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>15:25</u>
(B) First Initial Flow <u>31</u>	<input type="checkbox"/> Jars _____	T-Started <u>15:25</u>
(C) First Final Flow <u>48</u>	<input type="checkbox"/> Safety Joint _____	T-Open <u>16:50</u>
(D) Initial Shut-In <u>663</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>18:50 19:05</u>
(E) Second Initial Flow <u>48</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>20:50</u>
(F) Second Final Flow <u>73</u>	<input checked="" type="checkbox"/> Mileage <u>16x2 49.60</u>	Comments _____
(G) Final Shut-In <u>660</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>4612</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Packer _____
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Shut-In <u>45</u>	<input type="checkbox"/> Day Standby _____	Total <u>1199.60</u>
	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1199.60</u>	

Approved By _____ Our Representative Brett Dehman

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
MAY 03 2012

Test Ticket

NO. 47723

BY:

Well Name & No. Reichert #1 Test No. 5 Date 5/1/12
 Company Double D's LLC Elevation 1988 KB 1981 GL
 Address 133 E 12th Hays KS 67601
 Co. Rep / Geo. Al Downing Rig Discovery #3
 Location: Sec. 23 Twp. 15 Rge. 19 Co. Ellis State KS

Interval Tested 3595 - 3620 Zone Tested Congl sd
 Anchor Length 25 Drill Pipe Run 3550 Mud Wt. _____
 Top Packer Depth 3590 Drill Collars Run 30 Vis _____
 Bottom Packer Depth 3595 Wt. Pipe Run — WL _____
 Total Depth 3620 Chlorides _____ ppm System LCM _____
 Blow Description IF - 1/2 in blow
ISI - No blow
FF - No blow flash tool work surface blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>15</u>	<u>SOCM</u>		<u>5</u>	<u>95</u>	
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____

Rec Total 15 BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1820 Test 1150 T-On Location 10:40
 (B) First Initial Flow 20 Jars _____ T-Started 10:55
 (C) First Final Flow 21 Safety Joint _____ T-Open 13:30
 (D) Initial Shut-In 571 Circ Sub _____ T-Pulled 14:50
 (E) Second Initial Flow 22 Hourly Standby _____ T-Out 16:10
 (F) Second Final Flow _____ Mileage 16x2 49.60 Comments _____
 (G) Final Shut-In _____ Sampler _____
 (H) Final Hydrostatic 1708 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 30 Extra Recorder _____ Sub Total 0
 Initial Shut-In 30 Day Standby _____ Total 1199.60
 Final Flow 20 Accessibility _____ MP/DST Disc't _____
 Final Shut-In _____
 Sub Total 1199.60

Approved By _____ Our Representative Ben Downing

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