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FORM  
21  
Rev 9/14

State of Colorado  
Oil and Gas Conservation Commission



1120 Lincoln Street, Suite 801, Denver, Colorado 80203 (303)-894-2100 Fax: (303)-894-2109

FOR OGCC USE ONLY

Document Number:

Date Received:

4-14-16

MECHANICAL INTEGRITY TEST

1. Duration of the pressure test must be a minimum of 15 minutes.
2. An original pressure chart must accompany this report if this test was not witnessed by a OGCC representative. Injection wells tests must be witnessed by an OGCC representative.
3. For production wells, test pressures must be at a minimum of 300 psig.
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6. A minimum 300 psi differential pressure must be maintained between the tubing and tubing/casing annulus pressure.
7. Do not use this form if submitting under provisions of Rule 326.a.(1) B. or C.
8. OGCC notification must be provided 10 days prior to the test via Form 42.
9. Packers or bridge plugs, etc., must be set within 100 feet of the perforated interval to be considered a valid test.

Complete the  
Attachment Checklist

Oper OGCC

OGCC Operator Number: 10490	Contact Name and Telephone
Name of Operator: Energy Quest II	Kevin Andrews
Address: 4526 Research Forest Drive Suite 200	No: (785) 332-6174
City: The Woodlands State: TX Zip: 77381	Email: kandrews@laranaresources.com
API Number: 05-125-09408 OGCC Facility ID Number:	
Well/Facility Name: Adamson	Well/Facility Number: 27-7
Location QtrQtr: SWNE Section: 27 Township: 1S Range: 43W Meridian: 6	

Pressure Chart		
Cement Bond Log		
Tracer Survey		
Temperature Survey		
Inspection Number		

☒ SHUT-IN PRODUCTION WELL ☐ INJECTION WELL

Last MIT Date: 02/23/2011

Test Type:

- ☒ Test to Maintain SI/TA status ☐ 5- year UIC ☐ Reset Packer  
☐ Verification of Repairs ☐ Annual UIC Test

Describe Repairs or Other Well Activities:

Wellbore Data at Time of Test			Casing Test	
Injection/Producing Zone(s)	Perforated Interval:	Open Hole Interval:	Use when perforations or open hole is isolated by bridge plug or cement plug; use if cased-hole only with plug back total depth.	
Niobrara	1720' - 1739'		Bridge Plug or Cement Plug Depth	
Tubing Casing/Annulus Test				
Tubing Size:	Tubing Depth:	Top Packer Depth:	Multiple Packers?	
2 3/8"	1693'	1693'	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Test Data				
Test Date	Well Status During Test	Casing Pressure Before Test	Initial Tubing Pressure	Final Tubing Pressure
4/14/2016	TA	D	420	420
Casing Pressure Start Test	Casing Pressure - 5 Min.	Casing Pressure - 10 Min.	Casing Pressure Final Test	Pressure Loss or Gain During Test
450	445	445	445	-5
Test Witnessed by State Representative?		OGCC Field Representative (Print Name):		
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Susan Sherman		

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete.

Print Name:

Signed: Kevin Andrews Title: Contract Pumper

Date: 4-14-16

OGCC Approval: Susan Sherman Title: Field Inspector

Date: 4/14/2016

Conditions of Approval, if any:

673718087  
401018760

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Complete the  
Attachment Checklist

OGCC Operator Number: 10490	Contact Name and Telephone
Name of Operator: Energy Quest II	Kevin Andrews
Address: 4526 Research Forest Drive Suite 200	No: (785) 332-6174
City: The Woodlands State: TX Zip: 77381	Email: kandrews@laranaresources.com
API Number: 05-125-09506 OGCC Facility ID Number:	
Well/Facility Name: Crossland	Well/Facility Number: 15-19
Location Qtr: NESE Section: 15 Township: 1S Range: 43W Meridian: 6E	

	Oper	OGCC
Pressure Chart		
Cement Bond Log		
Tracer Survey		
Temperature Survey		
Inspection Number		

☒ SHUT-IN PRODUCTION WELL

☐ INJECTION WELL

Last MIT Date: 02/23/2011

Test Type:

☒ Test to Maintain SI/TA status

☐ 5- year UIC

☐ Reset Packer

☐ Verification of Repairs

☐ Annual UIC Test

Describe Repairs or Other Well Activities:

Wellbore Data at Time of Test			Casing Test	
Injection/Producing Zone(s)	Perforated Interval:	Open Hole Interval:	Use when perforations or open hole is isolated by bridge plug or cement plug; use if cased-hole only with plug back total depth.	
Niobrara	1909' - 1929'		Bridge Plug or Cement Plug Depth	
Tubing Casing/Annulus Test				
Tubing Size:	Tubing Depth:	Top Packer Depth:	Multiple Packers?	
2 3/8"	1891'	1891'	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Test Data				
Test Date	Well Status During Test	Casing Pressure Before Test	Initial Tubing Pressure	Final Tubing Pressure
4/14/2016	TA	0	460	460
Casing Pressure Start Test	Casing Pressure - 5 Min.	Casing Pressure - 10 Min.	Casing Pressure Final Test	Pressure Loss or Gain During Test
343	338	338		- 5
Test Witnessed by State Representative?		OGCC Field Representative (Print Name):		
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Susan Sherman		

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete.

Print Name: Kevin Andrews

Signed: Kevin Andrews Title: Contract Pumper

Date: 4-14-16

OGCC Approval: Susan Sherman Title: Field Inspector

Date: 4/14/2016

Conditions of Approval, if any:

Form 42 401017858  
Insp # 673713088



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Attachment Checklist

OGCC Operator Number: 10490  
Name of Operator: Energy Quest II  
Address: 4526 Research Forest Drive Suite 200  
City: The Woodlands State: TX Zip: 77381  
API Number: 05-125-09760 OGCC Facility ID Number:  
Well/Facility Name: Morris Well/Facility Number: 3-5  
Location QtrQtr: SWNW Section: 3 Township: 5S Range: 44W Meridian:

Contact Name and Telephone  
Kevin Andrews

No: (785) 332-6174

Email: kandrews@laranaresources.com

	Oper	OGCC
Pressure Chart		
Cement Bond Log		
Tracer Survey		
Temperature Survey		
Inspection Number		

☒ SHUT-IN PRODUCTION WELL

☐ INJECTION WELL

Last MIT Date: 02/23/2011

Test Type:

☒ Test to Maintain SI/TA status

☐ 5- year UIC

☐ Reset Packer

☐ Verification of Repairs

☐ Annual UIC Test

Describe Repairs or Other Well Activities:

Wellbore Data at Time of Test

Injection/Producing Zone(s): Niobrara  
Perforated Interval: 1486' - 1518'  
Open Hole Interval:

Casing Test

Use when perforations or open hole is isolated by bridge plug or cement plug; use if cased-hole only with plug back total depth.

Bridge Plug or Cement Plug Depth

Tubing Casing/Annulus Test

Tubing Size: 2 3/8" Tubing Depth: 1468' Top Packer Depth: 1468' Multiple Packers? ☐ Yes ☒ No

Test Data

Test Date: 4/14/16	Well Status During Test: TA	Casing Pressure Before Test: 0 PSI	Initial Tubing Pressure: 400 PSI	Final Tubing Pressure: 400 PSI
Casing Pressure Start Test: 410 PSI	Casing Pressure - 5 Min.: 405 PSI	Casing Pressure - 10 Min.: 405 PSI	Casing Pressure Final Test: 405 PSI	Pressure Loss or Gain During Test: -5 PSI

Test Witnessed by State Representative?

☒ Yes

☐ No

OGCC Field Representative (Print Name):

Brian Welsh

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete.

Print Name: Kevin Andrews

Signed: [Signature] Title: Contract Pumper

Date: 4-14-16

OGCC Approval: Brian Welsh Title: Field Inspector

Date: 4/14/16

Conditions of Approval, if any:

Form 42 # 401018767  
Insp Dec # 679901399

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Attachment Checklist

Oper OGCC

Pressure Chart		
Cement Bond Log		
Tracer Survey		
Temperature Survey		
Inspection Number		

OGCC Operator Number: 10490  
Name of Operator: Energy Quest II  
Address: 4526 Research Forest Drive Suite 200  
City: The Woodlands State: TX Zip: 77381  
API Number: OGCC Facility ID Number: 159166  
Well/Facility Name: Helling SWD Well/Facility Number: 27-11  
Location QtrQtr: SENE Section: 28 Township: 5s Range: 44w Meridian:   
Contact Name and Telephone: Kevin Andrews  
No: (785) 332-6174  
Email: kandrews@laranaresources.com

Last MIT Date: 10/25/2011

☐ SHUT-IN PRODUCTION WELL ☒ INJECTION WELL

Test Type:

- ☐ Test to Maintain SI/TA status ☒ 5- year UIC ☐ Reset Packer  
☐ Verification of Repairs ☐ Annual UIC Test

Describe Repairs or Other Well Activities:

Casing Test

Use when perforations or open hole is isolated by bridge plug or cement plug; use if cased-hole only with plug back total depth.

Bridge Plug or Cement Plug Depth

Wellbore Data at Time of Test

Injection/Producing Zone(s): DK-LK  
Perforated Interval: 2972'-3250'  
Open Hole Interval:

Tubing Casing/Annulus Test

Tubing Size: 2 3/8" Tubing Depth: 2818' Top Packer Depth: 2818' Multiple Packers? ☐ Yes ☒ No

Test Data

Test Date 4/14/16	Well Status During Test SI	Casing Pressure Before Test 0 PSI	Initial Tubing Pressure 0 PSI	Final Tubing Pressure 0 PSI
Casing Pressure Start Test 485 PSI	Casing Pressure - 5 Min. 485 PSI	Casing Pressure - 10 Min. 485 PSI	Casing Pressure Final Test 485 PSI	Pressure Loss or Gain During Test 0 PSI

Test Witnessed by State Representative?

☒ Yes ☐ No

OGCC Field Representative (Print Name):

Brian Welsh

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete.

Print Name:

Kevin Andrews

Signed:

Kevin Andrews

Title:

Contract Pumper

Date:

4-14-16

OGCC Approval:

Brian Welsh

Title:

Field Inspector

Date:

4/14/16

Conditions of Approval, if any:

Form 42 # 401018779  
Insp Dec # 679901400



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OGCC Operator Number: 10490	Contact Name and Telephone
Name of Operator: Energy Quest II	Kevin Andrews
Address: 4526 Research Forest Drive Suite 200	No: (785) 332-6174
City: The Woodlands State: TX Zip: 77381	Email: kandrews@laranaresources.com
API Number: 05-125-10029 OGCC Facility ID Number:	
Well/Facility Name: Black	Well/Facility Number: 28-8
Location QtrQtr: SENE Section: 28 Township: 5S Range: 44W Meridian:	

	Oper	OGCC
Pressure Chart		
Cement Bond Log		
Tracer Survey		
Temperature Survey		
Inspection Number		

☒ SHUT-IN PRODUCTION WELL

☐ INJECTION WELL

Last MIT Date: 02/23/2011

Test Type:

☒ Test to Maintain SI/TA status

☐ 5- year UIC

☐ Reset Packer

☐ Verification of Repairs

☐ Annual UIC Test

Describe Repairs or Other Well Activities:

Wellbore Data at Time of Test			Casing Test
Injection/Producing Zone(s)	Perforated Interval:	Open Hole Interval:	Use when perforations or open hole is isolated by bridge plug or cement plug; use if cased-hole only with plug back total depth.
Niobrara	1678' to 1717'		Bridge Plug or Cement Plug Depth

Tubing Casing/Annulus Test				
Tubing Size:	Tubing Depth:	Top Packer Depth:	Multiple Packers?	
2 3/8"	1647'	1647'	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Test Data				
Test Date	Well Status During Test	Casing Pressure Before Test	Initial Tubing Pressure	Final Tubing Pressure
4/14/16	TA	0 PSI	410 PSI	410 PSI
Casing Pressure Start Test	Casing Pressure - 5 Min.	Casing Pressure - 10 Min.	Casing Pressure Final Test	Pressure Loss or Gain During Test
415 PSI	410 PSI	405 PSI	405 PSI	-10 PSI
Test Witnessed by State Representative?		OGCC Field Representative (Print Name):		
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Brian Welsh		

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete.

Print Name:

Signed: Kevin Andrews Title: Contract Pumper Date: 4-14-16

OGCC Approval: Brian Welsh Title: Field Inspector Date: 4/14/16

Conditions of Approval, if any:

Insp Doc # 679901401  
Form 42 # 401018797