



Oil and Gas Conservation Commission

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

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MAY 23 2011

COGCC/Rifle Office

Submit original plus one copy. This form is to be used for general, technical and environmental sundry information. For proposed or completed operations, describe in full on Technical Information Page (Page 2 of this form.) Identify well or other facility by API Number or by OGCC Facility ID. Operator shall send an informational copy of all sundry notices for wells located in High Density Areas to the Local Government Designee (Rule 603b.)

Complete the Attachment Checklist

OP OGCC

1. OGCC Operator Number: <u>10232</u>	4. Contact Name <u>Wayne P. Bankert</u>	Survey Plat		
2. Name of Operator: <u>Laramie Energy II, LLC</u>	Phone: <u>970-683-5419</u>			
3. Address: <u>1512 Larimer St. Suite 1000</u> City: <u>Denver</u> State: <u>CO</u> Zip: <u>80202</u>	Fax: <u>303-339-4339</u>			
5. API Number <u>05-045-12965</u>	OGCC Facility ID Number	Directional Survey		
6. Well/Facility Name: <u>Brock</u>	7. Well/Facility Number <u>19-04B</u>	Surface Eqmpt Diagram		
8. Location (Qtr/Tr, Sec, Twp, Rng, Meridian): <u>SWNW (L2) Sec. 19, Twn. 6S, Rng. 93W 6th</u>		Technical Info Page		
9. County: <u>Garfield</u>	10. Field Name: <u>Rulison</u>	Other Gas Analyses	<input checked="" type="checkbox"/>	
11. Federal, Indian or State Lease Number:				

General Notice

CHANGE OF LOCATION: Attach New Survey Plat (a change of surface qtr/qtr is substantive and requires a new permit)

Change of Surface Footage from Exterior Section Lines:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Change of Surface Footage to Exterior Section Lines:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Change of Bottomhole Footage from Exterior Section Lines:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Change of Bottomhole Footage to Exterior Section Lines:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Bottomhole location Qtr/Tr, Sec, Twp, Rng, Mer _____
 Latitude _____ Distance to nearest property line _____ Distance to nearest bldg, public rd, utility or RR _____
 Longitude _____ Distance to nearest lease line _____ Is location in a High Density Area (rule 603b)? Yes/No
 Ground Elevation _____ Distance to nearest well same formation _____ Surface owner consultation date: _____

GPS DATA:
 Date of Measurement _____ PDOP Reading _____ Instrument Operator's Name _____

CHANGE SPACING UNIT

Formation	Formation Code	Spacing order number	Unit Acreage	Unit configuration

Remove from surface bond
 Signed surface use agreement attached

CHANGE OF OPERATOR (prior to drilling):
 Effective Date: _____
 Plugging Bond: Blanket Individual

CHANGE WELL NAME NUMBER
 From: _____
 To: _____
 Effective Date: _____

ABANDONED LOCATION:
 Was location ever built? Yes No
 Is site ready for inspection? Yes No
 Date Ready for Inspection: _____

NOTICE OF CONTINUED SHUT IN STATUS
 Date well shut in or temporarily abandoned: _____
 Has Production Equipment been removed from site? Yes No
 MIT required if shut in longer than two years. Date of last MIT _____

SPUD DATE: _____

REQUEST FOR CONFIDENTIAL STATUS (6 mos from date casing set)

SUBSEQUENT REPORT OF STAGE, SQUEEZE OR REMEDIAL CEMENT WORK *submit cbl and cement job summaries

Method used	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom	Date

RECLAMATION: Attach technical page describing final reclamation procedures per Rule 1004.
 Final reclamation will commence on approximately _____ Final reclamation is completed and site is ready for inspection.

Technical Engineering/Environmental Notice

Notice of Intent Approximate Start Date: _____

Report of Work Done Date Work Completed: _____

Details of work must be described in full on Technical Information Page (Page 2 must be submitted.)

<input type="checkbox"/> Intent to Recomplete (submit form 2)	<input type="checkbox"/> Request to Vent or Flare	<input type="checkbox"/> E&P Waste Disposal
<input type="checkbox"/> Change Drilling Plans	<input type="checkbox"/> Repair Well	<input type="checkbox"/> Beneficial Reuse of E&P Waste
<input type="checkbox"/> Gross Interval Changed?	<input type="checkbox"/> Rule 502 variance requested	<input type="checkbox"/> Status Update/Change of Remediation Plans
<input type="checkbox"/> Casing/Cementing Program Change	<input checked="" type="checkbox"/> Other: <u>Gas Analyses</u>	for Spills and Releases

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

Signed: Wayne P. Bankert Digitally signed by Wayne P. Bankert
DN: cn=Wayne P. Bankert, o=Laramie Energy II, LLC, ou, email=wbankert@laramie-energy.com, c=US Date: 2011.05.23 10:58:38 -0600

Date: 05-23-2011 Email: wbankert@laramie-energy.com

Print Name: Wayne P. Bankert Title: Senior Reg. & Env. Coordinator

COGCC Approved: *Kevin Kij* Title: EIT III Date: DEC 13 2011

CONDITIONS OF APPROVAL, IF ANY:

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

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OGCC/Rifle Office

- 1. OGCC Operator Number: 10232 API Number: 05-045-12965
- 2. Name of Operator: Laramie Energy II, LLC OGCC Facility ID # _____
- 3. Well/Facility Name: Brock Well/Facility Number: 19-04B
- 4. Location (QtrQtr, Sec, Twp, Rng, Meridian): SWNW Sec. 19, Twp. 6S, Rng. 93 W 6th pm

This form is to be completed whenever a Sundry Notice is submitted requiring detailed report of work to be performed or completed. This form shall be transmitted within 30 days of work completed as a "subsequent" report and must accompany Form 4, page 1.

5. **DESCRIBE PROPOSED OR COMPLETED OPERATIONS**

Brock 19-04B (05-045-12965)

LEII capture gas samples from the producing stream and from the braidenhead to verify there was no communication between the two. The gas analyses (submitted under separate Form 4) indicated the two gases were not the same. Laramie II assumes the Braidenhead gas is coming from the shallow Wasatch.

Results of 90-day Shut-in Period.

Initial Shut-in Braidenhead Pressure: 450 psig
Blew down to faint blow in 30 minutes

After 90-day venting, Braidenhead still has faint blow. Installed 1" V-cone meter on Braidenhead and am currently recording volumes for last 7 days.

Volume gas venting is 5-6 mcf/24 hrs.

Request: Plumb braidenhead to combustor and flare gas.

Lab #:	204611	Job #:	14761
Sample Name:	Brock 19-04B / Production	Co. Lab#:	
Company:	NRG Services		
Date Sampled:	2/07/2011	Cylinder:	NRG100
Container:	300 ml stainless		
Field/Site Name:	Laramie Energy II		
Location:			
Formation/Depth:			
Sampling Point:			
Date Received:	2/22/2011	Date Reported:	3/05/2011

Component	Chemical mol. %	$\delta^{13}\text{C}$ ‰	δD ‰	$\delta^{15}\text{N}$ ‰
Carbon Monoxide -----	na			
Hydrogen Sulfide -----	na			
Helium -----	na			
Hydrogen -----	na			
Argon -----	na			
Oxygen + Argon -----	na			
Nitrogen -----	na			
Carbon Dioxide -----	na			
Methane -----	na	-35.51	-168.5	
Ethane -----	na			
Ethylene -----	na			
Propane -----	na			
Iso-butane -----	na			
N-butane -----	na			
Iso-pentane -----	na			
N-pentane -----	na			
Hexanes + -----	na			

Total BTU/cu.ft. dry @ 60deg F & 14.7psia, calculated: 0
 Specific gravity, calculated: 0

nd = not detected. na = not analyzed. Isotopic composition of carbon is relative to VPDB. Isotopic composition of hydrogen is relative to VSMOW. Calculations for BTU and specific gravity per ASTM D3588. Chemical compositions are normalized to 100%. Mol. % is approximately equal to vol. %.

Lab #: 204612 Job #: 14761
 Sample Name: Brock 19-04B / Braden Head Co. Lab#:
 Company: NRG Services
 Date Sampled: 2/07/2011 Cylinder: NRG101
 Container: 300 ml stainless
 Field/Site Name: Laramie Energy II
 Location:
 Formation/Depth:
 Sampling Point:
 Date Received: 2/22/2011 Date Reported: 3/05/2011

Component	Chemical mol. %	$\delta^{13}\text{C}$ ‰	δD ‰	$\delta^{15}\text{N}$ ‰
Carbon Monoxide -----	na			
Hydrogen Sulfide -----	na			
Helium -----	na			
Hydrogen -----	na			
Argon -----	na			
Oxygen + Argon -----	na			
Nitrogen -----	na			
Carbon Dioxide -----	na			
Methane -----	na	-36.91	-174.6	
Ethane -----	na			
Ethylene -----	na			
Propane -----	na			
Iso-butane -----	na			
N-butane -----	na			
Iso-pentane -----	na			
N-pentane -----	na			
Hexanes + -----	na			

Total BTU/cu.ft. dry @ 60deg F & 14.7psia, calculated: 0
 Specific gravity, calculated: 0

nd = not detected. na = not analyzed. Isotopic composition of carbon is relative to VPDB. Isotopic composition of hydrogen is relative to VSMOW. Calculations for BTU and specific gravity per ASTM D3588. Chemical compositions are normalized to 100%. Mol. % is approximately equal to vol. %.

NRG SERVICES
GPA 2145-09 Wet and Dry Analysis

Sample Information

Sample Information	
Sample Name	Brock 19-04B Production
Method Name	Peak Performance
Operator	Jay Soderlund
Sample Notes	Production Sample C-9 Analysis
Injection Date	2/7/2011 1:40:07 PM
Report Date	02/07/2011 01:44:19 PM
BTU Configuration File	NRG 1_27_09 Laramie Energy II.cfg
Data Source	Cerity data system connection
Instrument	G2801AGC - US10651001
Data Saved To:	20110207-134419-Brock 19-04B Production.btu

Component Results

Component Name	Ret. Time	Peak Area	Normalized Mole%	Heating Value (Btu / cu. ft.)	Molar Mass Ratio (G)	GPM (Gal. / 1000 cu. ft.)
Nitrogen	0.425	1017	0.067	0.000	0.001	
Methane	0.442	618214	87.740	888.224	0.486	
Carbon Dioxide	0.589	61317	5.573	0.000	0.085	
Ethane	0.693	52003	4.561	80.903	0.047	1.219
Propane	1.944	10156	0.752	18.965	0.011	0.207
i-Butane	0.333	9073	0.341	11.115	0.007	0.112
n-Butane	0.357	13667	0.499	16.317	0.010	0.157
i-Pentane	0.433	5131	0.171	6.857	0.004	0.063
n-Pentane	0.466	2699	0.087	3.496	0.002	0.032
Hexanes	0.639	3270	0.095	4.529	0.003	0.039
Heptanes	0.934	2839	0.073	4.026	0.003	0.034
Octanes	1.575	1640	0.039	2.443	0.002	0.020
Nonanes	2.749	64	0.002	0.140	0.000	0.001
Total:			100.000	1037.014	0.660	1.883

Results Summary

Result	Dry	Sat.
Total Unnormalized Mole%	98.466	
Pressure Base (psia)	14.730	
Water Mole %	-	1.740
Gross Heating Value (Btu / Ideal cu. ft.)	1037.014	1018.966
Gross Heating Value (Btu / Real cu. ft.)	1039.739	1021.998
Real Relative Density	0.66184	0.66140
Gas Compressibility (Z) Factor	0.99738	0.99703

NRG SERVICES
GPA 2145-09 Wet and Dry Analysis

Sample Information

Sample Information	
Sample Name	Brock 19-04B Braiden
Method Name	Peak Performance
Operator	Jay Soderlund
Sample Notes	Braiden Sample C-9 Analysis
Injection Date	2/7/2011 1:19:36 PM
Report Date	02/07/2011 01:23:52 PM
BTU Configuration File	NRG 1_27_09 Laramie Energy II.cfg
Data Source	Cerity data system connection
Instrument	G2801AGC - US10651001
Data Saved To:	20110207-132352-Brock 19-04B Braiden.btu

Component Results

Component Name	Ret. Time	Peak Area	Normalized Mole%	Heating Value (Btu / cu. ft.)	Molar Mass Ratio (G)	GPM (Gal. / 1000 cu. ft.)
Nitrogen	0.425	5442	0.353	0.000	0.003	
Methane	0.441	664397	92.749	938.932	0.514	
Carbon Dioxide	0.592	81	0.007	0.000	0.000	
Ethane	0.693	54984	4.744	84.149	0.049	1.268
Propane	1.943	17512	1.275	32.154	0.019	0.351
i-Butane	0.333	7811	0.289	9.420	0.006	0.095
n-Butane	0.357	7191	0.258	8.436	0.005	0.081
i-Pentane	0.433	3054	0.100	4.010	0.002	0.037
n-Pentane	0.466	2216	0.070	2.813	0.002	0.025
Hexanes	0.639	2567	0.073	3.480	0.002	0.030
Heptanes	0.945	2274	0.057	3.144	0.002	0.026
Octanes	1.578	1066	0.025	1.566	0.001	0.013
Nonanes	0.000	0	0.000	0.000	0.000	0.000
Total:			100.000	1088.104	0.606	1.926

Results Summary

Result	Dry	Sat.
Total Unnormalized Mole%	100.108	
Pressure Base (psia)	14.730	
Water Mole%	-	1.740
Gross Heating Value (Btu / Ideal cu. ft.)	1088.104	1069.166
Gross Heating Value (Btu / Real cu. ft.)	1090.750	1072.129
Real Relative Density	0.60748	0.60796
Gas Compressibility (Z) Factor	0.99757	0.99724



www.isotechlabs.com

Isotech Gas Data
Job 14761
Project: Laramie Energy II
4 Cylinders

Isotech Lab No.	Sample Name	Sample Date	Sample Time	Mass Spec Date	$\delta^{13}\text{C}_1$ ‰	δDC_1 ‰	Comments
204611	Brock 19-04B / Production	2/7/2011	13:40	2/28/2011	-35.51	-168.5	
204612	Brock 19-04B / Braden Head	2/7/2011	13:19	2/28/2011	-36.91	-174.6	
204613	Federal 29-07B / Production	2/7/2011	18:10	2/28/2011	-36.36	-173.4	
204614	Federal 29-07B / Braden Head	2/7/2011	17:44	2/28/2011	-34.05	-156.5	