

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

AMENDED REPORT

I. REQUEST FOR ALL OIL AND GAS PROPERTIES AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas, TX 75240		² OGRID Number 228937	
⁴ API Number 30 - 025-45511		⁵ Pool Name Red Hills Bone Spring; North	
⁷ Property Code 324861		⁸ Property Name Brad Lummis Fed Com	
		³ Reason for Filing Code/ Effective Date NEW Well	
		⁶ Pool Code 2220 96474	
		⁹ Well Number 111H	

AUG 19 2019
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II. ¹⁰ Surface Location

UL or lot no. D	Section	Township	Range	Lot Idn	Feet from the	North/South	Feet from the	East/West line	County
	23	24S	34E	-	400'	North Line	426'	West	Lea

¹¹ Bottom Hole Location

UL or lot no. M	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	23	24S	34E	-	101'	South	707'	West	Lea
¹² Lse Code S	¹³ Producing Method Code Flowing	¹⁴ Gas Connection Date 6/14/2019	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
174238	Enterprise Crude Oil, LLC 210 Park Ave, Suite 1600, Oklahoma City, OK 73102	O
371960	Lucid Energy Delaware, LLC 105 S. 4 th , Artesia, NM 88210	G

IV. Well Completion Data

²¹ Spud Date 3/12/2019	²² Ready Date 6/18/2019	²³ TD 10,522'-15,403'	²⁴ PBTB 17,072'	²⁵ Perforations 10,600'-15,248'	²⁶ DHC, MC -
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8"	1,138'	1128		
12 1/4"	9 5/8"	5,393'	1796		
8 3/4"	5 1/2"	15,389'	2180		

V. Well Test Data

³¹ Date New Oil 6/8/2019	³² Gas Delivery Date 6/14/2019	³³ Test Date 6/20/2019	³⁴ Test Length 24	³⁵ Tbg. Pressure n/a	³⁶ Csg. Pressure n/a
³⁷ Choke Size n/a	³⁸ Oil 926	³⁹ Water 5,141	⁴⁰ Gas 2,280	⁴¹ Test Method Flowing	

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Tammy R. Link*

Printed name:
Tammy R. Link

Title:
Production Analyst

E-mail Address:
tlink@matadorresources.com

Date: 8/15/2019 Phone: 575-623-6601

OIL CONSERVATION DIVISION

Approved by: *P. Masters*

Title: *Z.M.*

Approval Date: *8/19/2019*

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOGS

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AUG 19 2019
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1. Type of Well Oil Well Gas Well Dry Other
 b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
 Other _____

2. Name of Operator **MATADOR PRODUCTION COMPANY** Contact: **TAMMY R LINK**
 MATADOR PRODUCTION COMPANY-Mail: **tlink@matadorresources.com**

3. Address **5400 LBJ FREEWAY, SUITE 1500** 3a. Phone No. (include area code)
DALLAS, TX 75240 Ph: **575-627-2465**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface **Sec 23 T24S R34E Mer NMP**
NWNW Lot 4 400FNL 426FWL
 At top prod interval reported below
Sec 23 T24S R34E Mer NMP
 At total depth **SWSW 101FSL 707FWL**

5. Lease Serial No. **NMNM117125**

6. If Indian, Allottee or Tribe Name _____

7. Unit or CA Agreement Name and No. _____

8. Lease Name and Well No. **BRAD LUMMIS FEDERAL COM 111H**

9. API Well No. **30-025-45511**

10. Field and Pool, or Exploratory **WOLFCAMP**

11. Sec., T., R., M., or Block and Survey or Area **Sec 23 T24S R34E Mer NMP**

12. County or Parish **LEA** 13. State **NM**

14. Date Spudded **03/12/2019** 15. Date T.D. Reached **03/26/2019** 16. Date Completed
 D & A Ready to Prod.
06/18/2019

17. Elevations (DF, KB, RT, GL)* **3492 GL**

18. Total Depth: MD **15403** TVD **10522** 19. Plug Back T.D.: MD **15293** TVD _____ 20. Depth Bridge Plug Set: MD **TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
LOGS, DIRECTIONAL SURVEY, C-102 AS DRILLED PLAT

22. Was well cored? No Yes (Submit analysis)
 Was DST run? No Yes (Submit analysis)
 Directional Survey? No Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5	0	1138		1128		0	487
12.250	9.625 J-55	40.0	0	5393		1796		0	597
8.750	5.500 P-110	20.0	0	15389		2180		646	0

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	10600	15248	10600 TO 15248			OPEN
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
10600 TO 15248	TOTAL ACID 692, BBLs, TOTAL CLEAN FLUID 277,014 BBLs, 100 MESH 7,664,000 LBS, 40/70 MESH 4,130,000

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
06/08/2019	06/20/2019	24	→	926.0	1596.0	5141.0			GAS LIFT
Choke Size 128/64	Tbg. Press. Flwg. SI	Csg. Press. 620.0	24 Hr. Rate →	Oil BBL 1519	Gas MCF 2280	Water BBL 5001	Gas:Oil Ratio	Well Status POW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

(See Instructions and spaces for additional data on reverse side)
 ELECTRONIC SUBMISSION #478307 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
DELAWARE FIRST BONE SPRING	5545 10587	9362	OIL & GAS OIL & GAS	TOP SALT BASE SALT DELAWARE SAND BONE SPRING (BSGL)	1814 5515 10587 9362

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7 Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #478307 Verified by the BLM Well Information System.
For MATADOR PRODUCTION COMPANY, sent to the Hobbs

Name (please print) TAMMY R LINK Title PRODUCTION ANALYST

Signature (Electronic Submission) Date 08/15/2019

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

HOBBS OCD
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AUG 19 2019

5. Lease Serial No.
NMNM117125

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
BRAD LUMMIS FEDERAL COM 111H

2. Name of Operator
MATADOR PRODUCTION COMPANY
Contact: TAMMY R LINK
Email: tlink@matadorresources.com

9. API Well No.
30-025-45511

3a. Address
5400 LBJ FREEWAY, SUITE 1500
DALLAS, TX 75240

3b. Phone No. (include area code)
Ph: 575-627-2465

10. Field and Pool or Exploratory Area
RED HILLS; BS, NORTH

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 23 T24S R34E Mer NMP NWNW 400FNL 426FWL

11. County or Parish, State
LEA COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Drilling Operations
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

BLM Bond No: NMB0001079
Surety Bond No: RLB0015172

Drilling Sundry

3/12/2019 Spud well, 17 1/2" hole f/120'-405'. Rotate and Drill 17 1/2" hole.
3/13/2019 Run 13 3/8" shoe 1 marker; 54.50#, J-55 to 1138'. Pump 225 bbls (722 sxs) of 13.5 ppg lead cement w/a 1.75 yield. Test lines to 3,500 psi, pump w/a 1.33 yield. Float held and bled back 1 bbl. Good returns, 150 bbl cement to surface.
3/14/2019 Test jt and set test plug. Test Annular to 250 low and 2500 high. Test casing to 1500 psi for 30 minutes. Good Test.
3/15/2019 Rotate and slide f/1138' to 5408'.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #477417 verified by the BLM Well Information System For MATADOR PRODUCTION COMPANY, sent to the Hobbs

Name (Printed/Typed) TAMMY R LINK

Title PRODUCTION ANALYST

Signature (Electronic Submission)

Date 08/09/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____

Title _____

Date _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Additional data for EC transaction #477417 that would not fit on the form

32. Additional remarks, continued

3/17/2019 RIH w/9 5/8" 40#, J-55/BTC casing to 5397'. Test lines to 3000 psi. Mix and pump 20 bbls chem wash. Pump 429 bbls (1280 sxs) of 12.8 ppg lead cement w/a 1.88 Yield and pump (1280 sxs) of 12.8 ppg Lead cement w/a 1.88 Yield and pump 127 bbls (516 sxs) of 14.8 ppg Tail cement w/a 1.38 Yield. Bump plug floats held. 200 bbls cement to surface. Test casing to 1500 psi for 30 minutes. ✓

Good Test.

3/18/2019 Rotate and slide 8.75" hole f/5408'-15,403' to 3/26/2019.

3/27/2019 Run 5 1/2" 20#, P-110 casing to 4615' (19 joints) Run 5 1/2" 23#, T-95 Liberty TC casing to 5492' (21 Joints). ✓

3/28/2019 Test lines to 6000 psi, pump 50 bbls spacer, pump 323 bbls (777 sxs) 11 ppg, 2.33 Yield Lead cement, pump 360 bbls (1403 sxs) 13.2 ppg, 1.44 Yield Tail cement. Estimated top of cement 646'.

3/29/2019 Set tubing head and test same. Test upper and lower seals to 8500 psi. Release rig @ 06:00 hrs.

See attached casing and cement actuals.

Brad Lummis Fed #111H

DATE	STRING	FLUID TYPE (list)	WT LB/FT (decimal)	GRADE	HOLE SZ (fraction)	CSG SZ (fraction)	TOP CSG (feet)	DEPTH SET (feet)	WAIT ON CMT (decimal hours)	CASING TEST PRESSURE (psi)	LD SX	LD YIELD	TL SX	TL YIELD	TTL SX	HRS;MIN		BBLs TO SURF (if circulated)	SX TO SURF (if circulated)	LENGTH 1" RAN (if topped out)	
																CLASS (list)	TOP OF CMT (feet)				METHOD USED (list)
3/13/2019	SURF	Fresh Water	54.50	J-55	17 1/2	13 3/8	0	1138	25.5	1500	722	1.73	406	1.33	1128	C	0	Circ	150	487	-
3/17/2019	INT 1	Brine	40.00	J-55	12 1/4	9 5/8	0	5393	10.5	1500	1280	1.88	516	1.38	1796	C	0	Circ	200	597	-
3/28/2019	PROD	Cut Brine	20.00	P-110	8 3/4	5 1/2	0	15389	-	-	777	2.33	1403	1.44	2180	H	646	Calc	-	-	-

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

HOBBS OCD
RECEIVED
AUG 19 2019

5. Lease Serial No.
NMNM117125

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
BRAD LUMMIS FEDERAL COM 111H

9. API Well No.
30-025-45511

10. Field and Pool or Exploratory Area
RED HILLS; BS, NORTH

11. County or Parish, State
LEA COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator **MATADOR PRODUCTION COMPANY** Contact: **TAMMY R LINK**
Email: **tlink@matadorresources.com**

3a. Address **5400 LBJ FREEWAY, SUITE 1500 DALLAS, TX 75240**

3b. Phone No. (include area code)
Ph: **575-627-2465**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 23 T24S R34E Mer NMP NWNW 400FNL 426FWL

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Production Start-up
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

BLM Bond No: NMB0001079
Surety Bond No: RLB0015172

Production Sundry

5/8/2019 MIRU frac tanks, pressure test stack to 5,000 psi, chart 5 minutes per procedure; Good Test.
5/9/2019 Performed casing integrity test to 5,869 psi for 30 minutes, 5690 psi, applied 2,000 psi to backside w/popoff set at 2,500 psi. Max pressure 7,200 psi @ 16 bmp. SiCP @ 2,500 psi total bbls pumped 398 bbls.
5/12/2019 to Stage 1 15,293' to 5/22/2019 to Stage 32 15,293'. Total Acid 692 bbls, Total Clean fluid 277,014 bbls, 100 Mesh 7,64,000 lbs, 40/70 Mesh 4,130,000, Total Proppant 11,794,000 lbs.

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #478328 verified by the BLM Well Information System For MATADOR PRODUCTION COMPANY, sent to the Hobbs

Name (Printed/Typed) **TAMMY R LINK** Title **PRODUCTION ANALYST**

Signature (Electronic Submission) Date **08/15/2019**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Additional data for EC transaction #478328 that would not fit on the form

32. Additional remarks, continued

6/7/2019 On flowback 12/64" choke. Open well to OTT.
6/8/2019 Flowing to OTT; getting back water, trace of oil and gas.
6/9/2019 Gas to Flare, oil to frac tank.
6/14/2019 Gas to sales.
6/21/2019 Turn well to production, off flowback.