

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 ALLOWABLE 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 - 025-44936		³ Reason for Filing Code/ Effective Date NEW Well	
⁵ Pool Name Red Hills; Bone Spring North		⁶ Pool Code 96434	
⁷ Property Code 321609	⁸ Property Name Carl Mottek Federal		⁹ Well Number 121H

HOBBBS OGD
RECEIVED
 AUG 19 2019

AKC

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South	Feet from the	East/West line	County
D	17	24S	34E	-	326'	North Line	410'	West	Lea

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	17	24S	34E	-	101'	South	371'	West	Lea
¹² Lse Code S	¹³ Producing Method Code Flowing		¹⁴ Gas Connection Date 5/21/2019		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 11/25/2018	²² Ready Date 5/30/2019	²³ TD 10,080'-14,903'	²⁴ PBDT 14,808'	²⁵ Perforations 9,990'-14,761'	²⁶ DHC, MC -
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	
17 1/2"		13 3/8"		1,311'	
12 1/4"		9 5/8"		5,303'	
8 3/4"		5 1/2"		10,320'	
8 3/4"		5 1/2"		14,903'	

V. Well Test Data

³¹ Date New Oil 5/14/2019	³² Gas Delivery Date 5/14/2019	³³ Test Date 6/6/2019	³⁴ Test Length 24	³⁵ Tbg. Pressure n/a	³⁶ Csg. Pressure n/a
³⁷ Choke Size n/a	³⁸ Oil 1164	³⁹ Water 2,894	⁴⁰ Gas 1,451	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: <i>Tammy R. Link</i> Printed name: Tammy R. Link Title: Production Analyst E-mail Address: tlink@matadorresources.com Date: 8/8/2019	OIL CONSERVATION DIVISION	
	Approved by: <i>T. M...</i>	
	Title: <i>L.M.</i>	
	Approval Date: 8/19/2019	
	Phone: 575-623-6601	

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 LOG

5. Lease Serial No.
NMNM113418

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator MATADOR PRODUCTION COMPANY - Mail: tlink@matadorresources.com			8. Lease Name and Well No. CARL MOTTEK FEDERAL 121H		
3. Address 5400 LBJ FREEWAY, SUITE 1500 DALLAS, TX 75240		3a. Phone No. (include area code) Ph: 575-627-2465	9. API Well No. 30-025-44936		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 17 T24S R34E Mer NMP At surface NWNW Lot 4 326FNL 410FWL At top prod interval reported below At total depth			10. Field and Pool, or Exploratory RED HILLS; BONE SPRING N		
14. Date Spudded 11/25/2018			15. Date T.D. Reached 12/15/2018	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 05/30/2019	17. Elevations (DF, KB, RT, GL)* 3578 GL
18. Total Depth: MD 14903 TVD 10080		19. Plug Back T.D.: MD 14808 TVD		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) LOGS			22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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	1311		1400		0	655
12.250	9.625 J-55	40.0	0	5303		1855		0	487
8.750	5.500 T-95	23.0	0	10320		2210		1169	0
8.750	5.500 P-110	20.0	10320	14903		0		0	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)
2.875	9465	9465						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	9990	14761	9990 TO 14761	0.450		OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9990 TO 14761	TOTAL ACID 240,550 BBLs, 100 MESH 962,880 LBS, 40/70 MESH 12,147,700 LBS

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
05/14/2019	06/06/2019	24	→	1164.0	1451.0	2894.0			GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
64/64	SI	350.0	→	1164	1451	2894		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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #477150 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	7445	8895	OIL & GAS	TOP SALT	1799
FIRST BONE SPRING	9939	10197	OIL AND GAS	BASE SALT	5291
SECOND BONE SPRING	10579	10995	OIL AND GAS	DELAWARE SAND	7445
THIRD BONE SPRING	11535	11760	OIL AND GAS	BONE SPRING (BSGL)	8914
				WOLFCAMP	11762

32. Additional remarks (include plugging procedure):
Amended Report!

See As Drilled Plat C-102, Directional Survey, Logs

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 #477150 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 08/08/2019

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.

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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.

5. Lease Serial No.
NMNM113418

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

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

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
CARL MOTTEK FEDERAL 121H

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

9. API Well No.
30-025-44936-00-X1

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-BONE SPRING, NORTH

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 17 T24S R34E NWNW 326FNL 410FWL
32.223934 N Lat, 103.499168 W Lon

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 checked="" 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 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	Change to Original A PD
	<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. NMB001079
Surety Bond No. RL0015172

Please see attached table for change in production casing. Change in Production casing for production top from 5 1/2" 20# P110 BTC/TXP to 5 1/2" 23# VAM HTTC. Change in production bottom from 5 1/2" 20# P110 BTC/TXP to 5 1/2" 20# VAM DWC/C is plus. Spec Sheets attached for 5 1/2" 23# VAM HTTC & 5 1/2" 20# VAM DWC/C is plus. Change in proposed drilling depth to 15,702' MD/10,050' TVD from 15,514' MD/10,750' MD. Revised direction plan attached.

Name	Hole Size	Csg Size	WVGrade	Thread	Collar	Setting	Depth	TOC
Surface	17 1/2"	13 3/8"(new)	54.5#J-55	BTC	1,300'	Surface		
Interm	12 1/4"	9 5/8"(new)	40# J-55	BTC	5,300'	Surface		

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

**Electronic Submission #441660 verified by the BLM Well Information System
For MATADOR PRODUCTION COMPANY, sent to the Hobbs
Committed to AFMSS for processing by PRISCILLA PEREZ on 10/30/2018 (19PP0249SE)**

Name (Printed/Typed) TAMMY R LINK	Title PRODUCTION ANALYST
Signature (Electronic Submission)	Date 10/29/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>MUSTAFA HAQUE</u>	Title <u>PETROLEUM ENGINEER</u>	Date <u>12/10/2018</u>
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 Hobbs

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.

Additional data for EC transaction #441660 that would not fit on the form

32. Additional remarks, continued

Prod Top 8 3/4" 5 1/2"(new) 20# P-110 VAM HTTC 11,070' 4300'
Prod Botm 8 3/4" 5 1/2"(new) 20# P-110 DWC/C IS Plus 15,702' 4300'

Please e-mail all questions to James Long jlong@matadorresources.com

Revisions to Operator-Submitted EC Data for Sundry Notice #441660

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	APDCH SR	APDCH NOI
Lease:	NMNM113418	NMNM113418
Agreement:		
Operator:	MATADOR PRODUCTION COMPANY 5400 LBJ FREEWAY, SUITE 1500 DALLAS, TX 75240 Ph: 575-623-6601	MATADOR PRODUCTION COMPANY 5400 LBJ FREEWAY SUITE 1500 DALLAS, TX 75240 Ph: 972.371.5200
Admin Contact:	TAMMY R LINK PRODUCTION ANALYST E-Mail: tlink@matadorresources.com Ph: 575-627-2465	TAMMY R LINK PRODUCTION ANALYST E-Mail: tlink@matadorresources.com Ph: 575-627-2465
Tech Contact:	TAMMY R LINK PRODUCTION ANALYST E-Mail: tlink@matadorresources.com Ph: 575-627-2465	TAMMY R LINK PRODUCTION ANALYST E-Mail: tlink@matadorresources.com Ph: 575-627-2465
Location:		
State:	NM	NM
County:	LEA	LEA
Field/Pool:	RED HILLS; BS NORTH	RED HILLS-BONE SPRING, NORTH
Well/Facility:	CARL MOTTEK FEDERAL 121H Sec 17 T24S R34E Mer NMP SWSE 326FNL 410FEL	CARL MOTTEK FEDERAL 121H Sec 17 T24S R34E NWNW 326FNL 410FWL 32.223934 N Lat, 103.499168 W Lon