

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

II. ¹⁰ Surface Location

UL or lot no. D	Section 17	Township 24S	Range 34E	Lot Idn -	Feet from the 326'	North/South North Line	Feet from the 410'	East/West line West	County Lea
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¹¹ Bottom Hole Location

UL or lot no. M	Section 17	Township 24S	Range 34E	Lot Idn -	Feet from the 101'	North/South line South	Feet from the 371'	East/West line West	County 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 PBTD 14,808'	²⁵ Perforations 9,990'-14,761'	²⁶ DHC, MC -
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8"	1,311'	1400		
12 1/4"	9 5/8"	5,303'	1855		
8 3/4"	5 1/2"	10,320'	2210		
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>		OIL CONSERVATION DIVISION	
Printed name: Tammy R. Link		Approved by: <i>T. M. Link</i>	
Title: Production Analyst		Title: <i>L.M.</i>	
E-mail Address: tlink@matadorresources.com		Approval Date: 8/19/2019	
Date: 8/8/2019	Phone: 575-623-6601		

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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			Contact: TAMMY R LINK Email: tlink@matadorresources.com		
3. Address 5400 LBJ FREEWAY, SUITE 1500 DALLAS, TX 75240			3a. Phone No. (include area code) Ph: 575-627-2465		
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			8. Lease Name and Well No. CARL MOTTEK FEDERAL 121H		
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			9. API Well No. 30-025-44936		
18. Total Depth: MD 14903 TVD 10080			19. Plug Back T.D.: MD 14808 TVD		
20. Depth Bridge Plug Set: MD TVD			10. Field and Pool, or Exploratory RED HILLS; BONE SPRING N		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) LOGS			11. Sec., T., R., M., or Block and Survey or Area Sec 17 T24S R34E Mer NMP		
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)			12. County or Parish LEA		
			13. State NM		
			17. Elevations (DF, KB, RT, GL)* 3578 GL		

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

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

26. Perforation Record

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. SI	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. SI	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.

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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

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

8. Well Name and No.
CARL MOTTEK FEDERAL 121H9. API Well No.
30-025-44936-00-X110. Field and Pool or Exploratory Area
RED HILLS-BONE SPRING, NORTH11. County or Parish, State
LEA COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator Contact: TAMMY R LINK
MATADOR PRODUCTION COMPANYE-Mail: tlink@matadorresources.com3a. Address
5400 LBJ FREEWAY SUITE 1500
DALLAS, TX 752403b. Phone No. (include area code)
Ph: 575-627-2465

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

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Hydraulic Fracturing☐ New Construction☐ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☒ Other
Change to Original A
PD

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 recomple 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 recomple 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	WT/Grade	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 MUSTAFA HAQUE

Title PETROLEUM ENGINEER

Date 12/10/2018

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.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

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