

15-44241

REJECTED PAPERWORK

ZACH MCCORMICK FEDERAL #221H

DUE TO INADEQUATE INFORMATION

Rusty Klein
March 21, 2019

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.
NMNM117120

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.
ZACH MCCORMICK FED 221H

2. Name of Operator

MATADOR PRODUCTION COMPANY

Contact: TAMMY R LINK

E-Mail: tlink@matadorresources.com

9. API Well No.
30-015-44241

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
PURPLE SAGE; WOLFCAMP

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 18 T24S R29E Mer NMP NESE 712FNL 351FWL

11. County or Parish, State
EDDY 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
	<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 recompleat 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 recompleat 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. RLB0015172

See Attached of the Following:

C-104;
3160-4 Completion Report;
C-102 As drilled Plat;
Directional Survey;
Logs

RECEIVED

JUL 12 2018

DISTRICT II-ARTESIA O.C.D.

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

Electronic Submission #424539 verified by the BLM Well Information System
For MATADOR PRODUCTION COMPANY, sent to the Carlsbad

Name (Printed/Typed) TAMMY R LINK

Title PRODUCTION ANALYST

Signature

(Elect

/2018

OFFICE USE

Date

Approved By

Conditions of approval, if any, are
certify that the applicant holds lega
which would entitle the applicant t

Title 18 U.S.C. Section 1001 and 1
States any false, fictitious or frau

(Instructions on page 2)

** OP

and willfully to make to any department or agency of the United
ion.

D ** OPERATOR-SUBMITTED **

*Had asked Tammy
for casing & cement
Actuals I was not attached
to approved BLM sundry -
was holding paperwork
for that - never get it -
no completion sundry -*

"Denied"

OCD

RECEIVED

Original Completion

Form 3160-4
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
DISTRICT II-ARTESIA O.C.D.
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

1a. 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**

3. Address **5400 LBJ Freeway, Suite 1500, Dallas, TX 75240** 3a. Phone No. (include area code) **575-623-6601**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface **712' FNL & 351' FWL**
At top prod. interval reported below
At total depth

5. Lease Serial No. **NMN117120**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. **Zach McCormick Fed Com221H**

9. AFI Well No. **30-015-44241**

10. Field and Pool, or Exploratory **Purple Sage; Wolfcamp**

11. Sec., T., R., M., on Block and Survey or Area **Sec. 18: T24S, R29E**

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

14. Date Spudded **01/12/2018** 15. Date T.D. Reached **02/22/2018** 16. Date Completed **03/27/2018**
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)* **2,953'**

18. Total Depth: MD **15,634'** 19. Plug Back T.D.: MD **15,527'** 20. Depth Bridge Plug Set: MD **n/a**
TVD **10,945'** TVD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
Logs submitted to WIS

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

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 1/2"	13 3/8"	54.50#	0	513'		614 sxs 616	145	Surface	none
12 1/4"	9 5/8"	40.00#	0	2,755'	9.104 d. flow	1099 sxs	320	Surface	none
8 3/4"	7 5/8"	29.70#	0	2,365'	11'	861 sxs		955	none
8 3/4"	7 5/8"	29.70#	2,365'	10,149'	10.149'				none
8 1/8"	5 1/2"	20.00#	10,149'	10,048'		496 sxs		10000	
6 1/8"	4 1/2"	13.50#	10,048'	15,620'					

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
none								

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Wolfcamp B-Blair	11,200'	15,480'	11,200'-15,480'	.38	30	30 Stages
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
11,200'-15,480'	7,333,475 #100 Mesh, 4,241,375 #40/70 = 11,574,850# mixed sand total. 651 total Acid, 259,949 clean fluid.

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
05/05/2018	05/12/2018	24	→	866	7,370	2,955	n/a	n/a	Gas Lift
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
34/64		3075	→	866	7,370	2,955	n/a	flowing	

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. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

need more information from operator
need casing detail

"Denied"

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
B Salt	2,695' MD	2,694' TVD			
T. Delaware Sands	2,720' MD	2,716' TVD			
T. Bone Springs	6,507' MD	6,485' TVD			
T. Wolfcamp	9,655' MD	6,632' TVD			

32. Additional remarks (include plugging procedure):

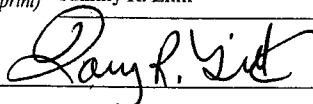
33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☒ Directional Survey
☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☐ Other:

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

Name (please print) **Tammy R. Link**Title **Production Analyst**

Signature



Date

6/14/2018

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.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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 Feb. 26, 2007

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

Submit to Appropriate District Office
5 Copies

☐ 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
		³ Reason for Filing Code/ Effective Date New Production
⁴ API Number 30 - 015-44241	⁵ Pool Name Purple Sage; Wolfcamp	⁶ Pool Code 98220
⁷ Property Code 317797	⁸ Property Name Zach McCormick Fed Com	⁹ Well Number 221H

II. ¹⁰ Surface Location

UL or lot no. 1	Section 18	Township 24S	Range 29E	Lot Idn	Feet from the 712'	North/South North Line	Feet from the 351'	East/West line West	County Eddy
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¹¹ Bottom Hole Location

UL or lot A	Section 18	Township 24S	Range 29E	Lot Idn	Feet from the 341'	North/South line North Line	Feet from the 229'	East/West line East	County Eddy
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¹² Lse Code S	¹³ Producing Method Code P	¹⁴ Gas Connection Date 4/29/2018	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
35103	Energy Transfer Company-Sunoco 8111 Westchester Drive Dallas, TX 75225	O
371242	Longwood Rustler Breaks 5400 LBJ Freeway, Suite 1500, Dallas, TX 75240	G

IV. Well Completion Data

²¹ Spud Date 1/12/2018	²² Ready Date 4/29/2018	²³ TD 15,634' / 10945	²⁴ PBSD 15,527'	²⁵ Perforations 11,200'-15,480'	²⁶ DHC, MC
²⁷ Hole Size 24" 17 1/2"	²⁸ Casing & Tubing Size 20" 13 3/8"	²⁹ Depth Set 120 513'	³⁰ Sacks Cement Cmt to surface 614		
12 1/4"	9 5/8"	2,743'	1,099		
8 3/4" 23/4" 8 5/8" 6 1/8" 6 1/8"	7 5/8" 7 5/8" 5 1/2" 4 1/2"	0 - 2,365' ?? 2365 - 10,419' 10,419 - 11,011' 0 - 10,048' 10048 - 15620	861 496		

V. Well Test Data

³¹ Date New Oil 5/16/2018 5-5-2018 ??	³² Gas Delivery Date 4/29/2018 ??	³³ Test Date 5/12/2018 5-17-18	³⁴ Test Length 24	³⁵ Tbg. Pressure n/a	³⁶ Csg. Pressure 3075
³⁷ Choke Size 34/64	³⁸ Oil 866	³⁹ Water 2,955	⁴⁰ Gas 7,370		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:

Printed name: Tammy Link

Title: Production Analyst

E-mail Address: think@matadorresources.com

Date: 6/14/2018

Phone: 575-623-6601

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

"Denied"

Need Verification

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007*This was attached to
a sundry dated
9-7-2018 -*1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Otherb. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other _____2. Name of Operator **MATADOR PRODUCTION COMPANY**3. Address **5400 LBJ Freeway, Suite 1500, Dallas, TX 75240**3a. Phone No. (include area code)
575-623-6601

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface **712' FNL & 351' FWL**

At top prod. interval reported below

At total depth

14. Date Spudded
01/12/201815. Date T.D. Reached
02/22/201816. Date Completed **03/27/2018**
☐ D & A ☒ Ready to Prod.18. Total Depth: MD **15,634'**
TVD **10,945'**19. Plug Back T.D.: MD **15,527'**
TVD20. Depth Bridge Plug Set: MD **n/a**
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
Logs submitted to WIS22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☒ Yes (Submit copy)

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 1/2"	13 3/8"	54.50#	0	513'		614 sxs		Surface	none
12 1/4"	9 5/8"	40.00#	0	2,755'		1099 sxs		Surface	none
8 3/4"	7 5/8"	29.70#	0	2,365'		861 sxs		955	none
8 3/4"	7 5/8"	29.70#	2,365	10,149'					none
6 1/8"	5 1/2"	20.00#	0	10,048'		496 sxs		10000	none
6 1/8"	4 1/2"	13.50#	10,048'	15,620'					

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
none								

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Wolfcamp B-Blair	11,200'	15,480'	11,200'-15,480'	38	30	30 Stages
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
11,200'-15,480'	7,333,475 #100 Mesh, 4,241,375 #40/70 = 11,574,850# mixed sand total. 651 total Acid, 259,949 clean fluid.

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
05/05/2018	05/12/2018	24	→	866	7,370	2,955	n/a	n/a	Gas Lift
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
34/64		3075	→	866	7,370	2,955	n/a	flowing	

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 page 2)

"Denied"

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
B Salt	2,695' MD	2,694' TVD			
T. Delaware Sands	2,720' MD	2,716' TVD			
T. Bone Springs	6,507' MD	6,485' TVD			
T. Wolfcamp	9,655' MD	6,632' TVD			

32. Additional remarks (include plugging procedure):

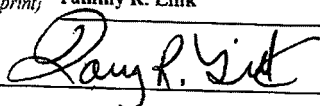
33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☒ Directional Survey
☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☐ Other:

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

Name (please print) Tammy R. LinkTitle Production Analyst

Signature



Date

6/14/2018

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.

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.
NMNM117120

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on page 21. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other8. Well Name and No.
ZACH MCCORMICK FED COM 221H2. Name of Operator
MATADOR PRODUCTION COMPANY
Contact: TAMMY R LINK
Email: tlink@matadorresources.com9. API Well No.
30-015-442413a. Address
5400 LBJ FREEWAY, SUITE 1500
DALLAS, TX 752403b. Phone No. (include area code)
Ph: 575-627-246510. Field and Pool or Exploratory Area
PURPLE SAGE; WOLFCAMP

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 18 T24S R28E Mer NMP NENE 712FNL 351FWL

11. County or Parish, State

EDDY 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
	<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

See attached 3160-4 Completion Report for this well.

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

**Electronic Submission #434300 verified by the BLM Well Information System
For MATADOR PRODUCTION COMPANY, sent to the Carlsbad**

Name (Printed/Typed) TAMMY R LINK

Title PRODUCTION ANALYST

Signature (Electronic Submission)

Date 09/07/2018

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 ****

RECEIVED

Amended
4-8-2019Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APR 11 2019

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NNNM1171201a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
MATADOR PRODUCTION COMPANY
Contact: TAMMY R LINK
Email: tlink@matadorresources.com8. Lease Name and Well No.
ZACH MCCORMICK FED COM 221H3. Address 5400 LBJ FREEWAY, SUITE 1500
DALLAS, TX 752403a. Phone No. (include area code)
Ph: 575-627-24659. API Well No.
30-015-44241

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface NENE Lot 4 712FNL 351FWL

At top prod interval reported below Lot 1 FNL FWL

At total depth NENE 341FNL 229FEL

10. Field and Pool, or Exploratory
PURPLE SAGE; WOLFCAMP11. Sec., T., R., M., or Block and Survey
or Area Sec 18 T24S R29E Mer NMP12. County or Parish
EDDY13. State
NM14. Date Spudded
01/12/201815. Date T.D. Reached
02/22/201816. Date Completed
☐ D & A ☒ Ready to Prod.
05/12/201817. Elevations (DF, KB, RT, GL)*
2953 GL18. Total Depth: MD 15634
TVD 1094519. Plug Back T.D.: MD 15527
TVD20. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
SUBMITTED THROUGH WIS IN PREVIOUS REPORT22. 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13 1/8 13.625 J-55	54.5	0	513		614			
8.750	7.625 P-110	30.0	0	2365		861			
12 1/4 8.875	9.625 J-55	40.0	0	2755		1099			
6.125	7.000 P-110	20.0	0	11011		496		1000	
8.750	7.625 P-110	29.7	2365	10149					
6.125	4.500 P-110	13.5	10048	15620					

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	10945	15634	11200 TO 15480	1.000	6	WOLFCAMP B BLAIR
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
11200 TO 15480	TOTAL SAND 11,574,850, TOTAL FLUID 259,949, TOTAL 100 MESH 7,333,475, 40/70 MESH 4,241,375 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
05/09/2018	05/12/2018	24	→	866.0	7370.0	2955.0			GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
34/64	SI	3075.0	→	866	7370	2955		PGW	

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 #460726 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Amended to
4-10-2019

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	2867	6617		TOP SALT	370
FIRST BONE SPRING	7399	7747		BASE SALT	2671
SECOND BONE SPRING	8187	8558		DELAWARE SAND	2709
THIRD BONE SPRING	9319	9655		BONE SPRING	6507
				WOLFCAMP	9655

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

In previous report submitted as Drilled plat and directional survey and 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 #460726 Verified by the BLM Well Information System.
For MATADOR PRODUCTION COMPANY, sent to the Carlsbad

Name (please print) TAMMY R LINKTitle PRODUCTION ANALYSTSignature (Electronic Submission)Date 04/08/2019

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 ****

Name	Hole Size	Casing Size	Wt/Grade	Thread Collar	Setting Depth	Top Cement
Surface	17-1/2"	13-3/8" (new)	54.5# J-55	BTC	600 650'	Surface
Intermediate	12-1/4"	9-5/8" (new)	40# J-55	BTC	2750	Surface
Intermediate 2 Top	8-3/4"	7-5/8" (new)	29.7# P-110	BTC	2450	2450
Intermediate 2 Middle	8-3/4"	7-5/8" (new)	29.7# P-110	VAM HTF-NR	10000	2450
Intermediate 2 Bottom	8-3/4"	7" (new)	29# P-110	BTC	10794	2450
Production Top	6-1/8"	5-1/2" (new)	20# P-110	BTC/TXP	9900	10300
Production Bottom	6-1/8"	4-1/2" (new)	13.5# P-110	BTC/TXP	15432	10300

This is from API

low cement
SFE cost

Name	Type	Sacks	Yield	Weight	Blend
Surface	Tail	400	1.38	14.8	Class C + 5% NaCl + LCM
TOC = 0'		100% Excess			Centralizers per Onshore Order 2.III.B.1f
Intermediate	Lead	550	2.13	12.6	Class C + Bentonite + 1% CaCL ₂ + 8% NaCl + LCM
	Tail	270	1.38	14.8	Class C + 5% NaCl + LCM
TOC = 0'		100% Excess			2 on btm jt, 1 on 2nd jt, 1 every 4th jt to surface
Intermediate 2	Lead	400	2.13	12.6	TXI + Fluid Loss + Dispersant + Retarder + LCM
	Tail	310	1.38	14.8	TXI + Fluid Loss + Dispersant + Retarder + LCM
TOC = 2450'		60% Excess			2 on btm jt, 1 on 2nd jt, 1 every 4th jt to top of tail cement (500' above TOC)
Production	Tail	510	1.17	15.8	Class H + Fluid Loss + Dispersant + Retarder + LCM
TOC = 10,300'		25% Excess			2 on btm jt, 1 on 2nd jt, 1 every other jt to top of curve

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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

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

RECEIVED

Form C-104
Revised Feb. 26, 2007

MAY 03 2019

Submit to Appropriate District Office

5 Copies

DISTRICT II-ARTESIA O.C.D.

☐ 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
		³ Reason for Filing Code/ Effective Date New Production
⁴ API Number 30 - 015-44241	⁵ Pool Name Purple Sage; Wolfcamp	⁶ Pool Code 98220
⁷ Property Code 317797	⁸ Property Name Zach McCormick Fed Com	⁹ Well Number 221H

II. ¹⁰ Surface Location

UL or lot no. D ¹	Section 18	Township 24S	Range 29E	Lot Idn 1	Feet from the 712'	North/South North Line	Feet from the 351'	East/West line West	County Eddy
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¹¹ Bottom Hole Location

UL or lot A	Section 18	Township 24S	Range 29E	Lot Idn	Feet from the 341'	North/South line North Line	Feet from the 229'	East/West line East	County Eddy
¹² Lse Code S	¹³ Producing Method Code P	¹⁴ Gas Connection Date 4/29/2018	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
35103	Energy Transfer Company-Sunoco 8111 Westchester Drive Dallas, TX 75225	O
371242	Longwood Rustler Breaks 5400 LBJ Freeway, Suite 1500, Dallas, TX 75240	G

IV. Well Completion Data

²¹ Spud Date 1/12/2018	²² Ready Date 4/29/2018 4-25-18	²³ TD 15,634' 15635/10945	²⁴ PBTB 15,527'	²⁵ Perforations 11,200'-15,480' 11050-15499'	²⁶ DHC, MC
²⁷ Hole Size 24" 17 1/2"	²⁸ Casing & Tubing Size 20 13 3/8"	²⁹ Depth Set 120 513'	³⁰ Sacks Cement Cement to surface 614 - CUL		
12 1/4"	9 5/8"	2,745' 2755	1,099 - CUL		
8 3/4"	7 5/8" 7 5/8" 7"	0-8365 2,365'-10149 10149-11011	861 - TBC 955		
6 1/8"	5 1/2" 4 1/2"	0-10050 10,048'- 10050-15619	496 - TBC by CBL 550		

V. Well Test Data

³¹ Date New Oil 5/16/2018 4-28-18	³² Gas Delivery Date 4/29/2018	³³ Test Date 5/12/2018	³⁴ Test Length 24	³⁵ Tbg. Pressure n/a	³⁶ Csg. Pressure 3075
³⁷ Choke Size 34/64	³⁸ Oil 866	³⁹ Water 2,955	⁴⁰ Gas 7,370	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: *Larry R. Link*

Printed name: Tammy Link

Title: Production Analyst

E-mail Address: tlink@matadorresources.com

Date: 6/14/2018

Phone: 575-623-6601

Approved by:

Title:

Approval Date:

OIL CONSERVATION DIVISION

"denied"

not complete