

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

N OIL CONSERVATION
ARTESIA DISTRICT

Form C-104
Revised Feb. 26, 2007

JAN 27 2018

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

Appropriate District Office
5 Copies

RECEIVED

☒ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

1 Operator name and Address Matador Production Company P.O. 1936 Roswell, NM 88202-1936		2 OGRID Number 228937
3 Reason for Filing Code/ Effective Date New Well		
4 API Number 30 - 015-44028	5 Pool Name Purple Sage; Wolfcamp	6 Pool Code 98220
7 Property Code 317431	8 Property Name Charlie Sweeney Federal Com	9 Well Number 228H

II. Surface Location

UL or lot no. P	Section 31	Township 23S	Range 28E	Lot Idn	Feet from the 188'	North/South South Line	Feet from the 545'	East/West line East	County Eddy
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Bottom Hole Location

UL or lot A	Section 31	Township 23S	Range 28E	Lot Idn	Feet from the 225'	North/South line North Line	Feet from the 364'	East/West line East	County Eddy
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12 Lee Code S	13 Producing Method Code P	14 Gas Connection Date None	15 C-129 Permit Number n/a	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
278421	Holly Frontier Refining and Marketing LLC 10 Dista Dr., Suite 350 W. Midland, TX 79705	O
371242	Longwood Midstream Delaware LLC 5400 LBJ Freeway, Suite 1500, Dallas, TX 75240	G

IV. Well Completion Data

21 Spnd Date 8/8/2017	22 Ready Date 12/5/2017	23 TD 10,517'	24 FBTD 15,149'	25 Perforations 10,750'-15,110'	26 DHC, MC NO
27 Hole Size 17 1/2"	28 Casing & Tubing Size 13 3/8"	29 Depth Set 350'	30 Sacks Cement 414 - one		
12 1/4"	9 5/8"	10,560'	2470	89631 - CMC	
8 1/2"	7 5/8"	10,667'		610 - one	
6 1/8"	5 1/2"	9680 - 15237		514.5K -	

See attached casing detail

V. Well Test Data

31 Date New Oil 12/16/2017	32 Gas Delivery Date 12/14/2017	33 Test Date 12/28/2017	34 Test Length 24	35 Tbg. Pressure	36 Csg. Pressure 2572
37 Choke Size 36/64	38 Oil 377	39 Water 2,640	40 Gas 7.797	41 Test Method	

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: *Randy Link*

Printed name: Tammy Link

Title: Production Analyst

E-mail Address: tlink@matadornaturalresources.com

Date: 1/24/2018

Phone: 575-623-6601

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

1-30-2018

Charlie Sweeney Fed Com #228H

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)	PRESS HELD (psi)	LD SX	LD YIELD	TL SX	TL YIELD	TTL SX	CLASS (list)	TOP OF CMT (feet)	ME
8/8/2017	SURF	Fresh Water	54.50	J-55	17 1/2	13 3/8	0	350	33.5	1500			414	1.33	414	C	0	
8/12/2017	INT 1	Brine	40.00	J-55	12 1/4	9 5/8	0	2470	12.0	2765	651	1.77	245	1.33	896	C	0	
8/18/2017	INT 2 TOP	Cut Brine	29.70	P-110	8 3/4	7 5/8	0	2140	1261.5	2300	250	3.14	360	1.27	610	C	0	
8/18/2017	INT 2 M	Cut Brine	29.70	P-110	8 3/4	7 5/8	2140	9785										
8/18/2017	INT 2 BTM	Cut Brine	29.00	P-110	8 3/4	7	9785	10667										
11/2/2017	PROD TOP	Oil-Based Mud	20.00	P-110	6 1/8	5 1/2	0	9680					514	1.19	514	H	9400	
11/2/2017	PROD BTM	Oil-Based Mud	13.50	P-110	6 1/8	4 1/2	9680	15237										

Top of Prod Casing Float Collar (feet): 15152

8/19/2017 10:00
10/10/2017 23:30 52.5625 1261.5

NM OIL CONSERVATION ARTESIA DISTRICT

Amended

JAN 27 2018

Form 3160-4
(April 2006)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

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

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other		5. Lease Serial No. NMNM121941	
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resv. Other		6. If Indian, Aliphee or Tribe Name	
2. Name of Operator: MATADOR PRODUCTION COMPANY		7. Unit or CA Agreement Name and No.	
3. Address: 9400 LBJ Freeway, Suite 1500, Dallas, TX 75240		8. Lease Name and Well No. Charlie Sweeney Fed Co #228H	
3a. Phone No. (include area code) 575-623-6601		9. API Well No. 30-015-44028	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec. 31, T23S, R28E, 188' FSL & 545' FEL, SESE At top prod. interval reported below At total depth Sec. 31, T23S, R28E, 225' FNL & 364' FEL		10. Field and Pool, or Exploratory Purple Sage; Wolfcamp	
14. Date Spudded 08/08/2017		15. Date T.D. Reached 11/01/2017	
16. Date Completed 12/05/2017		17. Elevations (DF, RKB, RT, GL)* GL 3100'	
18. Total Depth: MD 15,247' TVD 10,517'		19. Plug Back T.D.: MD 15,149' TVD	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Directional Survey sent Electronically	
22. Was well cased? ☒ 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. (lb/ft)	Top (MD)
17 1/2"	13 3/8"	54.5 J-55	0
12 1/4"	9 5/8"	40.0 J-55	0
8 3/4"	5 1/8"	24.7 J-55	0
6 1/8"	5 1/2"	P-110	0
6 1/8"	4 1/2"	13.54 P-110	15237
See attached casing detail sheet TOC 9400'			
24. Tubing Record			
Size	Depth Set (MD)	Packer Depth (MD)	Size
		n/a	
25. Producing Intervals			
Formation	Top	Bottom	Perforation Record
A) Wolfcamp	10,750'	15,110'	10,750'-15,110'
B)			
C)			
D)			
27. Acid, Fracture, Treatment, Cement Squeeze, etc.			
Depth Interval	Amount and Type of Material		
10,750-10,926'	45420 lbs 100 mesh, 402040 lbs 30/50 Mesh, total prop 447460 lbs, 2000 gal 15% acid, & 542 gal of treated water, 357121 gal of fr-water in 21 stages.		
28. Production - Interval A			
Date First Produced	Test Date	Hours Tested	Test Production
12/14/2017	12/28/2017	24	577
Choke Size	Thg. Press. Pwng. SI	Cvg. Press.	24 Hr. Rate
36/64	SI	2573	577
28a. Production - Interval B			
Date First Produced	Test Date	Hours Tested	Test Production
Choke Size	Thg. Press. Pwng. SI	Cvg. Press.	24 Hr. Rate

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

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Curr. API	Gas Gravity	Production Method
Choke Size	Tub. Press. Flow. SI	Cog. 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 Curr. API	Gas Gravity	Production Method
Choke Size	Tub. Press. Flow. SI	Cog. 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.)

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
Salt Delaware Sands Bone Spring Wolfcamp	2,680' 2,509' 5,900' 9,210'				TVD 2,478' 2,506' 5,892' 9,202'

32. Additional remarks (include plugging procedure):

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

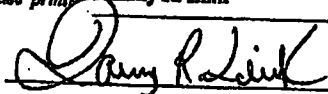
- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
 ☐ Sundry Notices for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

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) Tommy R. Link

Title Production Analyst

Signature



Date 01/24/2018

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.

Charlie Sweeney Fed Com #228H

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)	PRESS HELD (psi)	LD SX	LD YIELD	TL SX	TL YIELD	TTL SX	HRS;MIN CLASS (list)	TOP OF CMT (feet)	ME
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