

1 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 Well
⁴ API Number 30 - 015-43201	⁵ Pool Name Avalon E Bone Spring (Gas)	⁶ Pool Code 70870
⁷ Property Code 315007	⁸ Property Name Stebbins 20 Federal	⁹ Well Number 123H

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
1.	20	20S	29E		1693'	South Line	130'	West	Eddy

¹¹ Bottom Hole Location

UL or lot	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	20	20S	29E		1870'	South Line	240'	East	Eddy
¹² Use Code S	¹³ Producing Method Code P	¹⁴ Gas Connection Date Flare 4/24/2017	¹⁵ C-129 Permit Number 373224	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
16696	Occidental Energy Marketing P.O. Box 27570 Houston, TX 77227-7570	O
151618	Enterprise Products Operating 2727 N. Loop W. Suite 700, Houston, TX 77008	G
RECEIVED		
AUG 30 2017		
ARTESIA DISTRICT		
NM OIL CONSERVATION		

IV. Well Completion Data

²¹ Spud Date 1/31/2017	²² Ready Date 4/25/2017	²³ TD 12,531' / 7940	²⁴ PBDT 12,384'	²⁵ Perforations 8,074'-12,337'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
26"	20"	388'	1,235		
17 1/2"	13 3/8"	1,015'	1,324		
12 1/4"	9 5/8"	3,111'	1,921		
8 3/4"	5 1/2"	12,526'	2,329		

V. Well Test Data

³¹ Date New Oil 4/20/2017	³² Gas Delivery Date 6/24/2017	³³ Test Date 6/1/2017	³⁴ Test Length 24	³⁵ Tbg. Pressure n/a	³⁶ Csg. Pressure n/a
³⁷ Choke Size n/a	³⁸ Oil 825	³⁹ Water 1,095	⁴⁰ Gas 1,111	⁴¹ Test Method ESP	
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 Link</i> Printed name: Tammy Link Title: Production Analyst E-mail Address: tlink@matadorresources.com Date: 7/17/2017			OIL CONSERVATION DIVISION Approved by: <i>Raymond H. B. Lang</i> Title: <i>Geologist</i> Approval Date: <i>8-30-2017</i> Phone: 575-623-6601		

Pending BLM approvals will subsequently be reviewed and scanned

NM OIL CONSERVATION
ARTESIA DISTRICT

AUG 30 2017

Form 3160-4
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
Revised 11/2017
Expires: March 31, 2020

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other				5. Lease Serial No. NMNM03677					
1b. 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. Resv., Other _____				6. If Indian, Allottee or Tribe Name					
2. Name of Operator MATADOR PRODUCTION COMPANY				7. Unit or CA Agreement Name and No.					
3. Address 5400 LBJ Freeway, Suite 1500, Dallas, TX 75240				3a. Phone No. (include area code) 575-623-6601		8. Lease Name and Well No. Stebbins 20 Federal #123H			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface L-20-20S-29E, 1693' FSL & 130' FWL. At top prod. interval reported below At total depth 1-20-20S-29E, 1870' FSL & 240' FEL.				9. API Well No. 30-015-43201					
14. Date Spudded 01/31/2017				15. Date T.D. Reached 03/09/2017		10. Field and Pool, or Exploratory Avalone E. Bone Spring			
16. Date Completed 04/25/2017 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.				11. Sec., T., R., M., on Block and Survey or Area Sec. 20: T20S, R29E					
17. Elevations (DF, RKB, RT, GL)* 3245' GL, KB 3273'				12. County or Parish Eddy		13. State NM			
18. Total Depth: MD 12,531' TVD 7,990'/10,360'PH		19. Plug Back T.D.: MD 12,384' TVD		20. Depth Bridge Plug Set: MD 12,429' TVD					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) MWD/GR				22. Was well cored? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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
26"	20"	94#	0	388'		1,235 sxs	1250/1010	Surface	none
17 1/2"	13 3/8"	54#	0	1,015'		1,324 sxs	1300/1303	Surface	none
12 1/4"	9 5/8"	40#	0	3,111'		1,921 sxs	1250/2072	70'	none
8 3/4"	5 1/2"	20#	0	12,526'		2,329 sxs	2600/2265	800'	none
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 7/8"	7,158'	n/a							
25. Producing Intervals					26. Perforation Record				
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status	
A) AVALON E Bone Spring		8,074'	12,384'	8,074' - 12,384'		.38	534	15 Stages	
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
8,074'-12,384'		Frac with 8,572,390# sand, 6,433,098 gal H2O							
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
04/20/2017	06/01/2017	24	→	825	1111	1095			ESP
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
n/a	n/a	n/a	→	825	1111	1095		Producing	
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)

Pending BLM approvals will
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and scanned

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.)

30. Summary of Porous Zones (Include Aquifers):				31. Formation (Log) Markers	
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.					
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Capitan	1,505	2,285	LS, w/Lost Circ	Yates	930
Delaware			Sandstone, vfg	Captain Reef	1,390
	5,580	5,610	Oil & Water	Delaware Sd	3,000
	5,725	5,750	Oil & Water	Brushy Canyon	4,270
Avalon			Shale	Bone Spring LS	5,752
Bone Spring Sd	6,060	6,225	Oil & Gas	1st Bone Spring Sd	7,016
	7,675	TD	Sandstone vfg	2nd Bone Spring Sd	7,165
2nd Sd			Oil & Water	2nd Bone Spring Sd	7,426
SWC	5,288	10,320	100 RSWC		
Core	8,950	9,412	Sand, Carb + Shale		

32. Additional remarks (include plugging procedure):

Pilot Hole plugged back to 7,123' KOP for H2
 8-1/2" OH cement plugs set in pilot hole as follows:
 Plug 1: Calculated TOC @ 9,391' TVD, Class H, 372 sxs
 Plug 2: Calculated TOC @ 8,309' TVD, Class H, 372 sxs
 Plug 3 (Kickoff Plug): Calculated TOC @ 6,550', Class H, 374 sxs

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

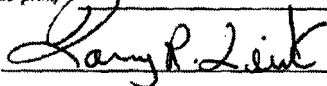
- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

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) Timothy R. Link

Title Production Analyst

Signature



Date 07/17/2017

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.