

* See additional formation tops * see pressure test additions (attachment)

NM OIL CONSERVATION
ARTESIA DISTRICT

MAY 05 2017
Revised August 1, 2011

Submit To Appropriate District Office Two Copies 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 and Natural Resources <i>Amended</i> Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	1. WELL API NO. 30-015-43774 2. Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN 3. State Oil & Gas Lease No.
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RECEIVED

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)	5. Lease Name or Unit Agreement Name BRANTLEY STATE COM 13 24 27 RB
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER	6. Well Number: 221H
8. Name of Operator MATADOR PRODUCTION COMPANY	9. OGRID 228937
10. Address of Operator 5400 LBJ FREEWAY, STE. 1500, DALLAS, TX 75240	11. Pool name or Wildcat PURPLE SAGE; WOLFCAMP (GAS)
12. Location Surface: Unit Ltr 1, Section 18, Township 24S, Range 28E, Lot , Feet from the 631, N/S Line N, Feet from the 187, E/W Line W, County EDDY BH: Unit Ltr D, Section 13, Township 24S, Range 27E, Lot , Feet from the 384 382, N/S Line N, Feet from the 241, E/W Line W, County EDDY	17. Elevations (DF and RKB, RT, GR, etc.) 3089'
13. Date Spudded 01/06/17	14. Date T.D. Reached 01/29/17
15. Date Rig Released 02/01/2017	16. Date Completed (Ready to Produce) 03/07/17
18. Total Measured Depth of Well 15,362'	19. Plug Back Measured Depth 15,311'
20. Was Directional Survey Made? Yes	21. Type Electric and Other Logs Run Gamma
22. Producing Interval(s), of this completion - Top, Bottom, Name 10,599 - 15,163'; Wolfcamp	

JUL 20 2017

RECEIVED

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13.375 attached. 1	54.5 J55	480	17.50	481 C	
9.625 2	40.0 J55	431.2	12.250	152 C	
12.7.625 3	29.7 P110	447.0	8.750	307 TX1	
12.7.1.125	29.7 P110	448.4	8.750		
13.7.00 4	29.0 P110	459.1	8.750		

LINER RECORD

TUBING RECORD

24. SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	25. SIZE	DEPTH SET	PACKER SET
Please do not send attachments of logs. Please fill 8-105.							
26. Perforation record (interval, size, and number) 10,599 - 15,163'; 22 stages, 6 clusters, 6 holes per cluster @ 0.40"				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL 10,599 - 15,163' AMOUNT AND KIND MATERIAL USED 14,400,290 lbs sand; fracture treated			

PRODUCTION

Date First Production 03/07/17		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing			Well Status (Prod. or Shut-in) Prod.		
Date of Test 03/20/17	Hours Tested 24	Choke Size 36/64	Prod'n For Test Period	Oil - Bbl 494	Gas - MCF 4468	Water - Bbl. 2762	Gas - Oil Ratio 9045
Flow Tubing Press. ---	Casing Pressure 2948	Calculated 24-Hour Rate	Oil - Bbl. 494	Gas - MCF 4468	Water - Bbl. 2762	Oil Gravity - API - (Corr.) 54.6	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Flared	30. Test Witnessed By Joe Gonzalez
31. List Attachments DS, Logs - sent with C-104 RT; Csg cement actual	
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.	
33. If an on-site burial was used at the well, report the exact location of the on-site burial:	

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief			
Signature <i>Ava Monroe</i>	Printed Name Ava Monroe	Title Sr. Engineering Technician	Date 05/04/17
E-mail Address amonroe@matadorresources.com			

New forms can be found in the
New Mexico State Website in forms:
<http://www.emnrd.state.nm.us/>

Journal of Management Studies, 36(7), 809–826.

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 2452' / 2452'	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinbry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand 2494' / 2494'	T. Morrison	
T. Drinkard	T. Bone Springs TVD: 6030'	T. Todilto	
T. Abo	T. MD: 6041'	T. Entrada	
T. Wolfcamp TVD: 9203'	T.	T. Wingate	
T. Permian MD: 9218'	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

Amended

Brantley State Com 13-245-47E NB														
DATE CSG			221H		30-015-43774		Spud date:		1/6/2017		Lateral #		1	
STRING			FLUID TYPE		WT LB/FT		GRADE		HOLE SZ		CSG SZ		TOP CSG	
RUN			(list)		(decimal)		(fraction)		(fraction)		(feet)		(feet)	
1/6/2017	SURF	Fresh Water	54.50	1-55	17 1/2	13 3/8	0	480	40.5	1000	-	1	481	481
1/10/2017	INT 1	Brine	40.00	1-55	12 1/4	9 5/8	0	2470	8.5	1350	558	1.93	252	1.38
1/16/2017	INT 2 TOP	Cut Brine	29.70	P-110	8 3/4	7 5/8	0	2312	72.5	1500	453	2.31	307	1.37
1/16/2017	INT 2 M	Cut Brine	29.70	P-110	8 3/4	7 5/8	2312	9591	-	1500	-	-	-	-
1/16/2017	INT 2 BTM	Cut Brine	29.00	P-110	8 3/4	7	9591	10580	-	1500	-	-	-	-
1/31/2017	PROD TOP	Oil-Based Mud	20.00	P-110	6 1/8	5 1/2	0	9484	-	5670	-	-	526	1.17
1/31/2017	PROD BTM	Oil-Based Mud	13.50	P-110	6 1/8	4 1/2	9484	15311	-	5670	-	-	-	-

*30 min test

Lossing
Hole # 5 5.50 20.0 10580 10.125 526 ft
#5 4.50 13.5 15311 10.125

Wt Depth Hbl. Sz. Lmt. Rec.