

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  Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	MAY 05 2017 Revised August 1, 2011  1. WELL API NO. 30-015-43774 <b>RECEIVED</b>  2. Type of Lease <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN  3. State Oil & Gas Lease No.
--	--	--

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

4. Reason for filing:  <input checked="" type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)  <input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (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  6. Well Number: 221H
---	---

7. Type of Completion:  
 NEW WELL  WORKOVER  DEEPENING  PLUGBACK  DIFFERENT RESERVOIR  OTHER

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	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
<b>Surface:</b>	1	18	24S	28E		631	N	187	W	EDDY
<b>BH:</b>	D	13	24S	27E		384	N	241	W	EDDY

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	17. Elevations (DF and RKB, RT, GR, etc.) 3089'
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

**23. 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 V55	480	17.50	481 C	
9.625 2	40.0 J55	2312	12.250	252 C	
12.7.625 3	29.7 P110	2470	8.750	307 TX1	
12.7.625	29.7 P110	9184	8.750		
13.7.00 4	29.0 P110	9591	8.750		

**24. LINER RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
Please do not send attachments of info. Please fill C-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
---	---

**28. 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	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
03/20/17	24	36/64		494	4468	2762	9045

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)
---	2948		494	4468	2762	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:

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_ NAD 1927 1983

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



Brantley State Com 13-245-27E RB 221H 30-015-43774 1/6/2017 Lateral # 1

DATE CSG	STRING	FLUID TYPE	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)	METHOD USED (list)	BBLS TO SURF (if circulated)	SX TO SURF (if circulated)	LENGTH 1" RAN (if topped out)
1/6/2017	SURF	Fresh Water	54.50	J-55	17 1/2	13 3/8	0	480	40.5	1000	-	1	481	1.38	481	C	0	Circ	24	135	
1/10/2017	INT 1	Brine	40.00	J-55	12 1/4	9 5/8	0	2470	8.5	1350	558	1.93	252	1.38	810	C	0	Circ	90	262	
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	760	TXI	1200	CBL	0	-	
1/16/2017	INT 2 M	Cut Brine	29.70	P-110	8 3/4	7 5/8	2312	9591	-	-	-	-	-	-	-	-	-	-	-	-	-
1/16/2017	INT 2 BTM	Cut Brine	29.00	P-110	8 3/4	7	9591	10580	-	-	-	-	-	-	-	-	-	-	-	-	-
1/31/2017	PROD TOP	Oil-Based Mud	20.00	P-110	6 1/8	5 1/2	0	9484	-	-	-	-	526	1.17	526	H	9100	Calc	0	-	-
1/31/2017	PROD BTM	Oil-Based Mud	13.50	P-110	6 1/8	4 1/2	9484	15311	-	-	-	-	-	-	-	-	-	-	-	-	-

Hole # 5 Casing WT 20.0 Depth 10580  
 # 4.50 13.5 15311  
 CMT. Rec. 526 ft