

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

M. Oil Cons. Division

61° 15' S, 1st Street
Artesia, NM 88210-2834

FORM APPROVED
OMB NO. 1004-0137

CISF

5. LEASE DESIGNATION AND SERIAL NO.

NM101093

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Brantley Federal #1

9. API WELL NO.

30-015-31414 3/

10. FIELD AND POOL, OR WILDCAT

Springs (Morrow)

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec 34, T20S, R26E

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESV. Other

2. NAME OF OPERATOR
Matador Operating Company

3. ADDRESS AND TELEPHONE NO.
310 W. Wall, Ste. 906 Midland, TX 79701 915-687-5955

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface
660' FNL 1500' FWL
At top prod. interval reported below
At total depth

14. PERMIT NO. DATE ISSUED
10/31/00

12. COUNTY OR PARISH
Eddy Country

13. STATE
NM

15. DATE SPUNDED
11/29/00

16. DATE T.D. REACHED
12/23/00

17. DATE COMPL. (Ready to prod.)
02/21/01

18. ELEVATIONS (DF, RKB, RT, GE, ETC.)*
3226' GL

19. ELEV. CASINGHEAD
3226

20. TOTAL DEPTH, MD & TVD
10,379'

21. PLUG, BACK T.D., MD & TVD
10,372'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS
Yes

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*
Morrow: 10,264 - 10,266; 10,270 - 10,276; 10,303 - 10,308

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Newtron/Density & Laterolog

27. WAS WELL CORED
No

CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13 3/8 H-40	48	435	17 1/2	surface, 175 sx Class C Lite & 200 sx Class C	
9 5/8 J-55	36	2807	12 1/4	surface, 500 sx Interfill C & 250 sx Class C	
5 1/2 N-80	17	10379	8 3/4	5600, 400 sx Interfill H & 350 sx Super H Modified	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	9997	9970

31. PERFORATION RECORD (Interval, size and number)
10264' - 10266' 6 SPF
10270' - 10276' 6 SPF
10303' - 10308' 6 SPF

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION

DATE FIRST PRODUCTION 02/21/01		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 02/23/01	HOURS TESTED 24	CHOKE SIZE 13/64	PROD'N FOR TEST PERIOD	OIL--BBL. 0	GAS--MCF. 1015	WATER--BBL. 0	GAS-OIL RATIO na
FLOW. TUBING PRESS. 30.0	CASING PRESSURE 0	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.) na	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Sold TEST WITNESSED BY
Doug Little

35. LIST OF ATTACHMENTS
Logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Russ Mathis TITLE Production Manager DATE 03/19/01

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (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	DESCRIPTION, CONTENTS, ETC.
Lower Morrow Sands	10263	10310	Sandstones fine to very coarse grained, porosity 4-18%

RECEIVED
 10/10/10
 10:10 AM

38. GEOLOGICAL MARKERS		38. GEOLOGICAL MARKERS	
NAME	MEAS. DEPTH	TRUE VERT. DEPTH	NAME
	TOP	TOP	
Queen SS	580	580	Morrow Clastics
1st Bone Spring SS	4943	4943	Barnett Shale
2nd Bone Spring SS	5774	5774	
3rd Bone Spring SS	7091	7091	
Wolfcamp LS	7525	7525	
Cisco LS	8086	8086	
Strawn LS	8904	8904	
Atoka Shale	9720	9720	