

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

Form C-105
Revised 1-1-89

WELL API NO.
30-015-38746

5. Indicate Type Of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
001789

7. Lease Name or Unit Agreement Name
Merchant State

8. Well No.
#2

9. Pool name or Wildcat
Millman; (QU-GB-SA), East

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 ☐ DEEPEN ☐ PLUG BACK ☒ DIFF RESVR ☐ OTHER ☐

2. Name of Operator
Bass Enterprises Production Co.

3. Address of Operator
P.O. Box 2760 Midland, TX 79702-2760

4. Well Location
Unit Letter **L** : **1980** Feet From The **South** Line and **660** Feet From The **West** Line

Section **1** Township **19S** Range **28E** NMPM **Eddy** County

10. Date Spudded **12/13/96** 11. Date T.D. Reached **12/20/96** 12. Date Compl.(Ready to Prod.) **1/3/97** 13. Elevations(DF & RKB, RT, GR, etc.) **3417.7 DF, 3419.1 KB** 14. Elev. Casinghead **- - - -**

15. Total Depth **11,225'** 16. Plug Back T.D. **3039'** 17. If Multiple Compl. How Many Zones? **Single** 18. Intervals Drilled By **Rotary Tools** **0-11,225** Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name **2595-2603', 2694-2704' San Andres** FEB 10 1997 20. Was Directional Survey Made **No**

21. Type Electric and Other Logs Run **NA** 22. Was Well Cored **No**

23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
11-3/4"	42#	330'	14-3/4"	300 sx Class C	None
8-5/8"	32#	3202'	11"	1500 sx 35/65 Poz C	None
5-1/2"	15.5# & 17#	11,225'	7-7/8"	750 sx 35/65 Poz H	5000'

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
None				2-3/8"	2410'	2375' (SN)

26. Perforation record (interval, size, and number)
RIH w/4" casing gun loaded with 1 JSPF @ 120 Degree phasing w/ 23 gram Owen charges. Perf 2597-2601', 2692-2704'.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
2597-2601' Frac with 27,300 gals YF130
2692-2704' & 110,500# 20/40 Brady Sand

28. **PRODUCTION**

Date First Production **1/7/97** Production Method (Flowing, gas lift, pumping - Size and type pump) **Pumping, RHBC pump** Well Status (Prod. or Shut-in) **Producing**

Date of Test 1/15/97	Hours Tested 24	Choke Size - - -	Prod'n For Test Period 39	Oil - Bbl. 23	Gas - MCF 54	Water - Bbl. 54	Gas - Oil Ratio 589
Flow Tubing Press. - - -	Casing Pressure 50	Calculated 24-Hour Rate 39	Oil - Bbl. 23	Gas - MCF 54	Water - Bbl. 54	Oil Gravity - API (Corr.) 31.9	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) **Sales, Lease Use** Test Witnessed By

30. List Attachments

31. 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 Tami L. Wilber Printed Name Tami L. Wilber Title Production Clerk Date 2/3/97

INSTRUCTIONS

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. It 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 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy _____
T. Salt 383
B. Salt 615
T. Yates 800
T. 7 Rivers 1020
T. Queen 1669
T. Grayburg 2029
T. San Andres 2524
T. Glorieta _____
T. Paddock _____
T. Blinebry _____
T. Tubb _____
T. Drinkard _____
T. Abo _____
T. Wolfcamp 8640
T. Penn _____
T. Cisco (Bough C) 9500

T. Canyon 711
T. Strawn 2218
T. Atoka 10241
T. Miss _____
T. Devonian _____
T. Silurian _____
T. Montoya _____
T. Simpson _____
T. McKee _____
T. Ellenburger _____
T. Gr. Wash _____
T. Delaware Sand _____
T. Bone Springs 3274
T. _____
T. _____
T. _____
T. _____

Northeastern New Mexico

T. Ojo Alamo _____
T. K. Fruitland _____
T. Fractured Cliffs _____
T. Cliff House _____
T. Menefee _____
T. Point Lookout _____
T. Mancos _____
T. Gallup _____
Base Greenhorn _____
T. Dakota _____
T. Morrison _____
T. Todilto _____
T. Entrada _____
T. Wingate _____
T. Chinle _____
T. Permian _____
T. Penn "A" _____
T. Penn. "B" _____
T. Penn. "C" _____
T. Penn. "D" _____
T. Leadville _____
T. Madison _____
T. Elbert _____
T. McCracken _____
T. Ignacio Otzte _____
T. Granite _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, 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
0	290	290	Redbeds				
290	364	74	Anhydrite				
364	606	242	Salt				
606	3300	2694	Dolomite, Minor Salt and Anhydrite, Shale				
3300	6458	3158	Dolomite				
6458	6540	82	Limestone and Dolomite				
6540	6756	216	Limestone, Minor Anhydrite				