

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.

30-015-28820

5. Indicate Type Of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

001789

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 ☐

9-9-1986

7. Lease Name or Unit Agreement Name

Merchant State

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 Lot 2 : 990 Feet From The North Line and 1980 Feet From The East Line

Section 1

Township 19S

Range 28E

NMPM

Eddy

County

10. Date Spudded

3-31-96

11. Date T.D. Reached

4-27-96

12. Date Compl.(Ready to Prod.)

9-6-96

13. Elevations(DF & RKB, RT, GR, etc.)

3385.2 GL 3395' DF 3396 KB

14. Elev. Casinghead

- - -

15. Total Depth

6757'

16. Plug Back T.D.

3540'

17. If Multiple Compl. How

Many Zones?

Single

18. Intervals

Drilled By

Rotary Tools

0-6757'

Cable Tools

- - -

19. Producing Interval(s), of this completion - Top, Bottom, Name

2560-2570' (San Andres)

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

NA

22. Was Well Cored

No

CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|----------------------|---------------|
| 8-5/8" | 24# | 320' | 11" | 200 sx Class C Circ | - - - |
| 5-1/2" | 15.5# | 3848' | 7-7/8" | 1300 sx Class C Circ | - - - |
| | | | | | |
| | | | | | |
| | | | | | |

24. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE | DEPTH SET | PACKER SET |
|------|-------|--------|--------------|--------|--------|-----------|------------|
| 4" | 3587' | 6762' | 200 sx | - - - | 2-3/8" | 2420' | 2382' SN |
| | | | | | | | |

25. TUBING RECORD

26. Perforation record (interval, size, and number)

Perf with 4" casing gun loaded with 2 JSPF @ 180 degree phasing. 2560-2570' (10', 20 shots)

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|---|
| 2560-2570' | Acidized with 1260 gals 15% HSR100 drop 30 1.3 SG ball sealer. Frac w |
| | 19,564 gal 20% XL & 90,000# 20/40 |

28. PRODUCTION

| | | | | | | | | |
|---------------------------------|--------------------|---|---------------------------|------------------|--------------------|-----------------------------------|---|--|
| Date First Production 9-8-96 | | Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping American 320-256-120 | | | | | Well Status (Prod. or Shut-in) Producing | |
| Date of Test 9-23-96 | Hours Tested 24 | Choke Size - - - | Prod'n For Test Period | Oil - Bbl. 30 | Gas - MCF 29 | Water - Bbl. 10 | Gas - Oil Ratio 966 | |
| Flow Tubing Press. - - - | Casing Pressure | Calculated 24- Hour Rate | Oil - Bbl. 30 | Gas - MCF 29 | Water - Bbl. 10 | Oil Gravity - API (Corr.) 31.1 | | |

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

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 10/3/96

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. Anby _____
 T. Salt 364
 B. Salt 606
 T. Yates 784
 T. 7 Rivers 992
 T. Queen 1677
 T. Grayburg 2035
 T. San Andres 2530
 T. Glorieta _____
 T. Paddock _____
 T. Blinebry _____
 T. Tubb _____
 T. Drinkard _____
 T. Abo _____
 T. Wolfcamp _____
 T. Penn _____
 T. Cisco (Bough C) _____

T. Canyon _____
 T. Strawn _____
 T. Atoka _____
 T. Miss _____
 T. Devonian _____
 T. Silurian _____
 T. Montoya _____
 T. Simpson _____
 T. McKee _____
 T. Ellenburger _____
 T. Gr. Wash _____
 T. Delaware Sand _____
 T. Bone Springs 3300
 T. _____
 T. _____
 T. _____
 T. _____

Northeastern New Mexico

T. Ojo Alamo _____
 T. Kirtland-Fruitland _____
 T. Pictured 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. 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 |
|------|------|----------------------|--|------|----|----------------------|-----------|
| 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 | | | | |