

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

P.O. Box 2088  
Santa Fe, New Mexico 87501

Form C-105  
Revised 1-1-89

APR - 5 1991

WELL API NO.

30-015-26497

5. Indicate Type of Lease

STATE ☒

FFL ☐

6. State Oil & Gas Lease No.

V-3346

7. Lease Name or Unit Agreement Name

Loving AIB State

8. Well No.

2

9. Pool name or Wildcat

South Loving Delaware

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ARTESIAN, OFFICE

b. Type of Completion:

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIMP RESVR ☐ OTHER ☐

2. Name of Operator

YATES PETROLEUM CORPORATION

3. Address of Operator

105 South 4th St., Artesia, NM 88210

4. Well Location

Unit Letter J: 2080 Feet From The South Line and 2040 Feet From The East Line

Section 16 Township 23S Range 28E NMPM Eddy County

10. Date Spudded

11-4-90

11. Date T.D. Reached

11-20-90

12. Date Compl. (Ready to Prod.)

1-18-91

13. Elevations (D.F. & R.K.H., RT, GR, etc.)

3016' GR

14. Elev. Casinghead

15. Total Depth

6225'

16. Plug Back T.D.

6179'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

0-6225'

Cable Tools

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

6032-6054' Delaware

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

LDT/CNL; DLL

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 |
|-------------|---------------|-----------|-----------|------------------|---------------|
| 9-5/8"      | 36#           | 524'      | 12 1/2"   | 275 sx           |               |
| 5 1/2"      | 15.5 & 17#    | 6225'     | 7-7/8"    | 1850 sx          |               |
|             |               |           |           |                  |               |
|             |               |           |           |                  |               |
|             |               |           |           |                  |               |

24.

LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN |
|------|-----|--------|--------------|--------|
|      |     |        |              |        |
|      |     |        |              |        |
|      |     |        |              |        |

25. TUBING RECORD

| SIZE   | DEPTH SET | PACKER SET |
|--------|-----------|------------|
| 2-7/8" | 5910'     | -          |
|        |           |            |
|        |           |            |

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

6032, 6039, 6048, 6054' Hydrojetted @ 4 holes per setting

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|-------------------------------|
| 6032-6054'     | w/1000g. 7 1/2% NEFE acid+    |
|                | 500g. 15% NEFE acid. SF w/    |
|                | 20000g. gel x-link KCL wtr +  |

28.

PRODUCTION

41000# 20/40 sd

Date First Production

12-5-91

Production Method (Flowing, gas lift, pumping - Size and type pump)

Pumping

Well Status (Prod. or Shut-in)

Producing

Date of Test

1-18-91

Hours Tested

24

Choke Size

-

Prod'n For Test Period

30

Oil - Bbl.

30

Gas - MCF

-0-

Water - Bbl.

328

Gas - Oil Ratio

-

Flow Tubing Press.

-

Casing Pressure

-

Calculated 24-Hour Rate

30

Oil - Bbl.

30

Gas - MCF

-0-

Water - Bbl.

328

Oil Gravity - API - (Corr.)

40°

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

No gas

Test Witnessed By

Larry Raga

30. List Attachments

Deviation Survey, Logs, DST's

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

*Juanita Goodlett*

Printed

Name Juanita Goodlett

Title Production Supvr Date 4-4-91

# 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 |                  |      | Northwestern New Mexico |                  |  |
|-------------------------|------------------|------|-------------------------|------------------|--|
| T. Anhy                 | T. Bell Canyon   | 2558 | T. Ojo Alamo            | T. Penn. "B"     |  |
| T. Salt                 | T. Strawn        |      | T. Kirtland-Fruitland   | T. Penn. "C"     |  |
| T. Salt                 | T. Atoka         |      | T. Pictured Cliffs      | T. Penn. "D"     |  |
| T. Yates                | T. Miss          |      | T. Cliff House          | T. Leadville     |  |
| T. 7 Rivers             | T. Devonian      |      | T. Menefee              | T. Madison       |  |
| T. Queen                | T. Silurian      |      | T. Point Lookout        | T. Elbert        |  |
| T. Grayburg             | T. Montoya       |      | T. Mancos               | T. McCracken     |  |
| T. San Andres           | T. Simpson       |      | T. Gallup               | T. Ignacio Otzte |  |
| T. Glorieta             | T. McKee         |      | T. Base Greenhorn       | T. Granite       |  |
| T. Paddock              | T. Ellenburger   |      | T. Dakota               | T.               |  |
| T. Blinberry            | T. Gr. Wash      |      | T. Morrison             | T.               |  |
| T. Tubb                 | T. Delaware Sand |      | T. Todilto              | T.               |  |
| T. Drinkard             | T. Bone Springs  | 6114 | T. Entrada              | T.               |  |
| T. Abo                  | T. Cherry Canyon | 3610 | T. Wingate              | T.               |  |
| T. Wolfcamp             | T. Brushy Canyon | 4442 | T. Chinle               | T.               |  |
| T. Penn                 | T.               |      | T. Permian              | T.               |  |
| T. Cisco (Bough C)      | T.               |      | T. Penn "A"             | 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<br>in Feet | Lithology        | From | To | Thickness<br>in Feet | Lithology |
|------|------|----------------------|------------------|------|----|----------------------|-----------|
| 0    | 123  | 123                  | Surface, Redbeds |      |    |                      |           |
| 123  | 1200 | 1077                 | Redbeds, Anhy    |      |    |                      |           |
| 1200 | 1400 | 200                  | Anhy             |      |    |                      |           |
| 1400 | 1670 | 270                  | Dolo, Anhy       |      |    |                      |           |
| 1670 | 1860 | 190                  | Salt, Dolo, Anhy |      |    |                      |           |
| 1860 | 1970 | 110                  | Dolo, Anhy       |      |    |                      |           |
| 1970 | 2330 | 360                  | Salt             |      |    |                      |           |
| 2330 | 2600 | 270                  | Dolo, Anhy       |      |    |                      |           |
| 2600 | 2920 | 320                  | Sd, Dolo, Salt   |      |    |                      |           |
| 2920 | 2980 | 60                   | Salt, Dolo       |      |    |                      |           |
| 2980 | 3320 | 340                  | SS, Dolo         |      |    |                      |           |
| 3320 | 3450 | 130                  | LS, Dolo         |      |    |                      |           |
| 3450 | 4020 | 570                  | SS, Dolo         |      |    |                      |           |
| 4020 | 4070 | 50                   | SS, Cht, Dolo    |      |    |                      |           |
| 4070 | 4580 | 510                  | SS, Dolo         |      |    |                      |           |
| 580  | 4880 | 300                  | Dolo             |      |    |                      |           |
| 580  | 6126 | 1246                 | Dolo, SS         |      |    |                      |           |
| 26   | 6225 | 99                   | LS               |      |    |                      |           |

RECEIVED

APR - 5 1991

O. C. D.  
ARTESIA OFFICE

DRILL STEM TESTS

LOVING AIB STATE #2, V-3346  
Unit J, Sec. 16-T23S-R28E  
Eddy County, NM

DST #1 6003-6062': MISRUN.

DST #2 6003-6026' (59'): TIMES: 15", 60", 60", 180", 120". RECOVERY:  
336' of oil cut mud. SAMPLER: .9 cfg, 640 cc oil and 160 cc water.  
PRESSURES: IHP 3194, IFP 104-113, ISIP 207, 2nd FP 141-151, FSIP 703,  
FFP 104-198, FHP 3176.

# ARTESIA FISHING TOOL COMPANY

P. O. BOX 670 PHONE (505) 746-6651

ARTESIA, NEW MEXICO 88210

RECEIVED  
APR - 5 1991  
O. C. D.  
ARTESIA, OFFICE

November 26, 1990

Yates Petroleum Corporation  
105 South Fourth Street  
Artesia, NM 88210

Re: Loving AIB State #2  
2080' FWL & 2040; FEL  
Sec. 16, T23S, R28E  
Eddy County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well.

| DEPTH | DEVIATION | DEPTH | DEVIATION |
|-------|-----------|-------|-----------|
| 524'  | 3/4°      | 2326' | 3 3/4°    |
| 757'  | 1 1/2°    | 2453' | 2°        |
| 1008' | 1°        | 2484' | 3°        |
| 1198' | 1 1/2°    | 2609' | 2°        |
| 1354' | 1 1/4°    | 2764' | 1 1/4°    |
| 1510' | 1°        | 3075' | 1 3/4°    |
| 1636' | 1/2°      | 3608' | 1°        |
| 1762' | 3°        | 4108' | 1°        |
| 1856' | 3°        | 4572' | 1 1/4°    |
| 1981' | 3°        | 5041' | 1°        |
| 2076' | 3°        | 5421' | 3/4°      |
| 2140' | 2 3/4°    | 6061' | 1/2°      |
| 2232' | 4 1/4°    | 6225' | 2°        |

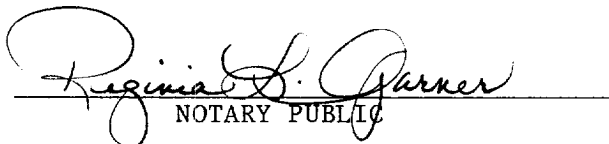
Very truly yours,



C. E. LaRue  
President

STATE OF NEW MEXICO §  
COUNTY OF EDDY §

The foregoing was acknowledged before me this 26th day of November, 1990.

  
NOTARY PUBLIC

