

Submit To Appropriate District Office  
 State Lease - 6 copies  
 Fee Lease - 5 copies  
 District I  
 1625 N French Dr., Hobbs, NM 87240  
 District II  
 811 South First, Artesia, NM 87210  
 District III  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV  
 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-105  
 Revised March 25, 1999

OIL CONSERVATION DIVISION  
 2040 South Pacheco  
 Santa Fe, NM 87505

WELL API NO.  
 30-025-34720

5. Indicate Type of Lease  
 STATE  FEE

State Oil & Gas Lease No. 06602

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  
 Matador Operating Company

3. Address of Operator  
 8340 Meadow Rd., #158 Dallas, TX 75231

4. Well Location  
 Unit Letter J : 1650 Feet From The South Line and 2310 Feet From The East Line  
 Section 29 Township 19S Range 35E NMPM Lea County \_\_\_\_\_

7. Lease Name or Unit Agreement Name  
 Lea AQ State #45

8. Well No.  
 13

9. Pool name or Wildcat  
 Pearl San Andres, West

10. Date Spudded 10/14/99 11. Date T.D. Reached 10/24/99 12. Date Compl. (Ready to Prod.) 11/13/99 13. Elevations (DF& RKB, RT, GR, etc.) 3751 GL 14. Elev. Casinghead 3751

15. Total Depth 6100 16. Plug Back T.D. 6011 17. If Multiple Compl. How Many Zones? \_\_\_\_\_ 18. Intervals Drilled By \_\_\_\_\_ Rotary Tools X Cable Tools \_\_\_\_\_

19. Producing Interval(s), of this completion - Top, Bottom, Name  
 5770 - 5853 San Andres

20. Was Directional Survey Made  
 No

21. Type Electric and Other Logs Run  
 Newtron / Density / Lateralog

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 |
|-------------|----------------|-----------|-----------|--|---------------|
| 8 5/8       | 24             | 438'      | 11"       | 165 sx C 14.8 ppg, 1.32 CFS  |               |
| 4 1/2       | 11.6 & 10.5    | 6100'     | 7 7/8"    | 1294 sx 35.65 POZ @ 12.4 ppg & 2.1 CFS, 292 sx 50.50 POZ @ 14.4 ppg & 1.26 CFS |               |

24. LINER RECORD

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

25. TUBING RECORD

| SIZE  | DEPTH SET | PACKER SET |
|-------|-----------|------------|
| 2 3/8 | 5614      | NA         |

26. Perforation record (interval, size, and number)  
 5770-71, 5790-91, 5820-21, 5852-53  
 Shot 4 SPF, 16 Holes

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED  |
|----------------|--|
| 5770-5853      | 500 gal 15% HCL Acid & 60690 gal 30# Xlink Borate, 142559 lbs 16/30 Brady Sand |

28. PRODUCTION

Date First Production 11/13/99 Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 1 1/4" RHBC Well Status (Prod. or Shut-in) Producing

| Date of Test | Hours Tested | Choke Size | Prod'n For Test Period | Oil - Bbl | Gas - MCF | Water - Bbl. | Gas - Oil Ratio |
|--------------|--------------|------------|------------------------|-----------|-----------|--------------|-----------------|
| 11/26/99     | 24           |            |                        | 36        | 8         | 161          | 222             |

| Flow Tubing Press. | Casing Pressure | Calculated 24-Hour Rate | Oil - Bbl | Gas - MCF | Water - Bbl. | Oil Gravity - API - (Corr.) |
|--------------------|-----------------|-------------------------|-----------|-----------|--------------|-----------------------------|
| Pump               | 60              |                         | 36        | 8         | 161          | 35.5                        |

29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
 Sold \_\_\_\_\_ Test Witnessed By Perry Wilbanks

30. List Attachments  
 Logs & Deviation Survey

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature Russ Mathis Printed Name Russ Mathis Title Production Manager Date 12/1/99

JC





DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS

KEN REYNOLDS-PRESIDENT  
GARY W. CHAPPELL-VICE PRESIDENT

P. O. Box 1498 ROSWELL, NEW MEXICO 88202-1498  
505/623-5070 ROSWELL, NM  
505/746-2719 ARTESIA, NM

October 28, 1999

Matador Petroleum Corporation  
Suite 158, Pecan Creek, 8340 Meadow Road  
Dallas, Texas 75231-3751

RE: Lea AQ State #13  
Sec. 29, T-19-S, R-35-E  
Lea County, New Mexico

Gentlemen:

The following is a Deviation Survey on the referenced well:

|               |                 |                 |                 |
|---------------|-----------------|-----------------|-----------------|
| 192' - 1/2°   | 2,396' - 3/4°   | 3,703' - 2 1/2° | 4,391' - 2°     |
| 440' - 3/4°   | 2,892' - 1°     | 3,765' - 2 3/4° | 4,881' - 1 1/2° |
| 932' - 1/2°   | 3,357' - 1 1/4° | 3,858' - 2°     | 5,377' - 1 3/4° |
| 1,429' - 3/4° | 3,513' - 2°     | 3,920' - 13/4°  | 8,873' - 1°     |
| 1,925' - 1°   | 3,641' - 2 1/2° | 4,043' - 1 3/4° | 6,100' - 3/4°   |

Sincerely,

Gary W. Chappell  
Contracts Manager

STATE OF NEW MEXICO)

COUNTY OF CHAVES )

The foregoing was acknowledged before me this 28th day of October 1999 by Gary W. Chappell.

MY COMMISSION EXPIRES

JUNE 20, 2000

NOTARY PUBLIC