



**Matador Operating Company**

OGRID Number: 014245

**Lea AQ State #13**  
API #30-025-34720  
State Oil & Gas Lease No. 06602  
Section: 29  
Township: 19S  
Range: 35E

**Working Interest Owners**

**Division of Interest**

Eugene C Fiedorek	.05000000
Foran Oil Company	.04000000
Matador	.80000000
C Wayne Nance & Associates Inc.	.10000000
Performance Oil & Gas Company	<u>.01000000</u>
Total	1.00000000

Submit 3 Copies To Appropriate District Office  
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

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

WELL API NO.  
30-025-34720  
5. Indicate Type of Lease  
STATE  FEE   
6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:  
Oil Well  Gas Well  Other

7. Lease Name or Unit Agreement Name:  
Lea AQ State

2. Name of Operator  
Matador Operating Company

8. Well No. 13

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

9. Pool name or Wildcat  
Pearl San Andres, West

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

10. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3751' GL

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data  
NOTICE OF INTENTION TO:  
PERFORM REMEDIAL WORK  PLUG AND ABANDON   
TEMPORARILY ABANDON  CHANGE PLANS   
PULL OR ALTER CASING  MULTIPLE COMPLETION   
OTHER:   
SUBSEQUENT REPORT OF:  
REMEDIAL WORK  ALTERING CASING   
COMMENCE DRILLING OPNS.  PLUG AND ABANDONMENT   
CASING TEST AND CEMENT JOB   
OTHER:

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

Spudded well @ 4:00 pm 10/14/99. Drilled 11" hole to 440'. Ran 11 jts 8-5/8" 24# J-55 STC casing. Set @ 438.57'. Cemented with 165 sx of Class C w/ 2% CaCl2 w/ 1/4 ppg Celloflake mixed @ 14.8 ppg w/ 1.32 CFS yld & 6.32 gal/sk wtr. Circ 8 bbl good cmt to surface. Cut off 8-5/8" csg. Weld on csg head. NU 11" 3M BOP assembly. Test. Drill cmt and continue drilling formation.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE [Signature] TITLE Drilling Manager DATE 10-20-99

Type or print name John W. Bell Telephone No. 214-987-7144  
(This space for State use)

ORIGINAL SIGNED BY  
APPROVED BY GARY WINK TITLE FIELD REP. II DATE OCT 29 1999  
Conditions of approval, if any:

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

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

WELL API NO. 30-025-34720
5. Indicate Type of Lease STATE [X] FEE [ ]
6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)
1. Type of Well: Oil Well [ ] Gas Well [X] 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
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 3751' GL

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK [ ] PLUG AND ABANDON [ ]
TEMPORARILY ABANDON [ ] CHANGE PLANS [ ]
PULL OR ALTER CASING [ ] MULTIPLE COMPLETION [ ]
OTHER: [ ]
SUBSEQUENT REPORT OF: REMEDIAL WORK [ ] ALTERING CASING [ ]
COMMENCE DRILLING OPNS. [ ] PLUG AND ABANDONMENT [ ]
CASING TEST AND CEMENT JOB [X]
OTHER: [ ]

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

Drilled 7-7/8" hole to TD of 6100' 10-24-99. Ran 143 jts 4-1/2" J-55 LT&C casing (102 jts 11.6#, 41 jts 10.5#). Dowell cmt w/ spacer 20 bbl CW-100, Lead 1294 sx 35:65 POZ, C w/ 5% salt, 6% gel and 0.25 ppg D-29 mixed @ 12.8 ppg, yld 2.10 CFS w/ 11.9 GPS wtr. Tail: 292 sx 50:50 POZ C w/ 2.0% D-20, 0.5% D-112, 5% salt & 0.25% D-29 mixed @ 14.4 ppg, yld 1.26 CFS w/ 5.64 GPS wtr. Did not circ cmt, but had colored water on return. Bump plug, release press & floats held.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE [Signature] TITLE Drilling Manager DATE 11-1-99
Type or print name John W. Bell Telephone No. 214-987-7144
(This space for State use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_
Conditions of approval, if any:

District I  
 1625 N. French Dr., Hobbs, NM 87240  
 District II  
 811 South First, Artesa, NM 87210  
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 District IV  
 2040 South Pacheco, Santa Fe, NM 87505

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 \_\_\_\_\_  
 7. Lease Name or Unit Agreement Name  
 Lea AQ State #13

2. Name of Operator  
 Matador Operating Company  
 8. Well No.  
 13

3. Address of Operator  
 8340 Meadow Rd., #158 Dallas, TX 75231  
 9. Pool name or Wildcat  
 Pearl San Andres, West

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

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

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

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  
 Neutron / 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 @ 12.8 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.)
			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

# 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. Canyon _____        |
| T. Salt _____            | T. Strawn _____        |
| B. Salt 1800 _____       | T. Atoka _____         |
| T. Yates _____           | T. Miss _____          |
| T. 7 Rivers _____        | T. Devonian _____      |
| T. Queen 4664 _____      | T. Silurian _____      |
| T. Grayburg 4923 _____   | T. Montoya _____       |
| T. San Andres 5201 _____ | T. Simpson _____       |
| T. Glorieta _____        | T. McKee _____         |
| T. Paddock _____         | T. Ellenburger _____   |
| T. Blinebry _____        | T. Gr. Wash _____      |
| T. Tubb _____            | T. Delaware Sand _____ |
| T. Drinkard _____        | T. Bone Springs _____  |
| T. Abo _____             | T. _____               |
| T. Wolfcamp _____        | T. _____               |
| T. Penn _____            | T. _____               |
| T. Cisco (Bough C) _____ | T. _____               |

### Northwestern New Mexico

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

### OIL OR GAS SANDS OR ZONES

No. 1, from ..... 5763 ..... to ..... 5902 .....  
 No. 2, from ..... to .....

No. 3, from ..... to .....  
 No. 4, from ..... to .....

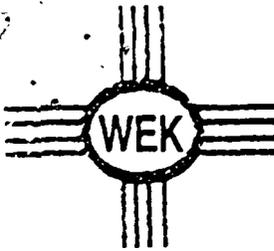
### IMPORTANT WATER SANDS

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
200	1800		Red Beds
1800	3540		Evaporites
3540	5201		Anhydrite, Dolomite, Siltstone
5201	5910		Dolomite
5910	6100		Dolomite, Siltstone



DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS

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

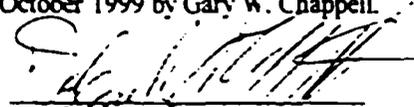
STATE OF NEW MEXICO)

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