

Energy Minerals and Natural Resources Department

Oil Conservation Division

2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131SUBMIT ORIGINAL
PLUS 2 COPIES
TO THE SANTA FE
OFFICE

District I - (505) 393-6161

1625 N. French Dr

Hobbs, NM 88241-1980

District II - (505) 748-1283

811 S. First

Artesia, NM 88210

District III - (505) 334-6178

1000 Rio Brazos Road

Aztec, NM 87410

District IV - (505) 827-7131

DEC - 3 1999

APPLICATION FOR NEW WELL STATUS

I. Operator and Well

Operator name & address Matador Operating Company 8340 Meadow Rd., #158 Dallas, TX 75231							OGRID Number 014245	
Contact Party Diane Kuykendall							Phone 915-687-5955	
Property Name Lea AQ State #13					Well Number 13		API Number 30-025-34720	
UL J	Section 29	Township 19S	Range 35E	Feet From The 1650	North/South Line South	Feet From The 2310	East/West Line East	County Lea

II. Date/Time Information

Spud Date 10-14-99	Spud Time 4:00 pm	Date Completed 11/13/99	Pool 49820 - PEARL SAN ANDRES, WEST
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III. Attach copies of Form C-103 or Federal Form 360-5 showing date/time of drilling commenced and Form C-105 or Federal Form 3160-4 showing well was completed as a producer.

IV. Attach a list of all working interest owners with their percentage interests.

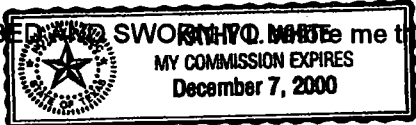
V. AFFIDAVIT:

State of Texas)

ss.

County of Midland)Russ Mathis, being first duly sworn, upon oath states:

- I am the Operator, or authorized representative of the Operator, of the above-referenced well.
- To the best of my knowledge, this application is complete and correct.

Signature Russ Mathis Title Production Manager Date 12/1/99SUBSCRIBED AND SWORN TO before me this 1st day of December, 1999

Notary Public

My Commission expires:

FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a New Well. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval.

Signature <u>Mark R. Kelly</u>	Title <u>P.E. Speer</u>	Date <u>1-12-00</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: 1/12/00

NOTICE: The operator must notify all working interest owners of this New Well certification.

P12V2007334885

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

.01000000

Total

1.00000000

RECEIVED NOV - 1 1999

Form C-103

Revised March 25, 1999

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.

7. Lease Name or Unit Agreement Name:

Lea AQ State

8. Well No. 13

9. Pool name or Wildcat

Pearl San Andres, West

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

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 lineSection 29Township 19SRange 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

TITLE Drilling ManagerDATE 10-20-99Type or print name John W. BellTelephone No. 214-987-7144

(This space for State use)

ORIGINAL SIGNED BY

APPROVED BY

GARY WINK

TITLE

DATE OCT 29 1999

Conditions of approval, if any:

FIELD REP. II

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

Form C-103
Revised March 25, 1999

<p>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.)</p> <p>1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other</p>		<p>WELL API NO. 30-025-34720</p> <p>5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/></p> <p>6. State Oil & Gas Lease No.</p>
<p>2. Name of Operator Matador Operating Company</p>		<p>7. Lease Name or Unit Agreement Name: Lea AQ State</p>
<p>3. Address of Operator 8340 Meadow Rd., #158, Dallas, TX 75231</p>		<p>8. Well No. 13</p>
<p>4. Well Location Unit Letter <u>J</u> : 1650 feet from the <u>South</u> line and <u>2310</u> feet from the <u>East</u> line Section <u>29</u> Township <u>19S</u> Range <u>35E</u> NMPM Lea County</p>		<p>9. Pool name or Wildcat Pearl San Andres, West</p>
<p>10. Elevation (Show whether DR, RKB, RT, GR, etc.) 3751' GL</p>		

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 recompletion.

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 John W. Bell 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
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 ☒ FEE ☐

State Oil & Gas Lease No. 06602

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____		7. Lease Name or Unit Agreement Name Lea AQ State #13			
b. Type of Completion: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____		8. Well No. 13			
2. Name of Operator Matador Operating Company		9. Pool name or Wildcat Pearl San Andres, West			
3. Address of Operator 8340 Meadow Rd., #158 Dallas, TX 75231		4. Well Location Unit Letter <u>J</u> : <u>1650</u> Feet From The <u>South</u> Line and <u>2310</u> Feet From The <u>East</u> Line Section <u>29</u> Township <u>19S</u> Range <u>35E</u> NMPM Lea County			
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 X	Rotary Tools 	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 @ 12.8 ppg & 2.1 CFS, 292 sx 50:50 POZ @ 14.4 ppg & 1.26 CFS	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	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 11/26/99	Hours Tested 24	Choke Size 	Prod'n For Test Period 	Oil - Bbl 36	Gas - MCF 8	Water - Bbl 161	Gas - Oil Ratio 222
Flow Tubing Press. 	Casing Pressure 	Calculated 24-Hour Rate 	Oil - Bbl 36	Gas - MCF 8	Water - Bbl 161	Oil Gravity - API - (Corr.) 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	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				



KEN REYNOLDS - PRESIDENT
GARY W. CHAPPELL - VICE PRESIDENT

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

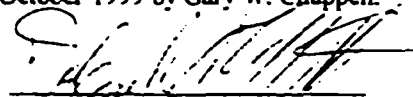
STATE OF NEW MEXICO)

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