

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South t. Francis Dr.  
Santa Fe, NM 87505

Form C-107  
Revised June 10, 2003

Filing Instructions  
At Bottom of Page

APPLICATION FOR MULTIPLE COMPLETION

Yates Petroleum Corporation 105 S. 4th St. Artesia, New Mexico 88210

Operator

Address

Global BBG (Fee) 1 M 12 16S 35E Lea  
Lease Well No. Unit Ltr. - Sec - Twp - Rge County

All applicants for multiple completion must complete Items 1 and 2 below.

| 1. The following facts are submitted:                                                                                                          | Upper Zone                     | Intermediate Zone | Lower Zone                   |
|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-------------------|------------------------------|
| a. Name of Pool and Formation                                                                                                                  | Und. South Big Dog Strawn      |                   | Und. Townsend Morrow Gas     |
| b. Top and Bottom of Pay Section (Perforations)                                                                                                | 11402-11480                    |                   | 12199-12211                  |
| c. Type of production (Oil or Gas)                                                                                                             | Gas                            |                   | Gas                          |
| d. Method of Production (Flowing or Artificial Lift)                                                                                           | Flowing                        |                   | Flowing                      |
| e. Daily Production<br><input checked="" type="checkbox"/> Actual<br><input type="checkbox"/> Estimated<br>Oil Bbls.<br>Gas MCF<br>Water Bbls. | 1631 mcf<br>392 bopd<br>0 bwpd |                   | 1502 mcf<br>1 bopd<br>1 bwpd |

2. The following must be attached:

- Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
- Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
- Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

OPERATOR:

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

Signature

*Cherry Matchus*

Printed Name & Title Cherry Matchus  
Engineering Tech

E-mail address

Date 7/8/03

Telephone (505) 748-4164

OIL CONSERVATION DIVISION

Approved by

*[Signature]*

Title

PETROLEUM ENGINEER

Date

JUL 22 2003

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

FILING INSTRUCTIONS:

- District Approval -- See rule 112-A-B -- Submit 4 copies of Form C-107 with attachments to appropriate district office.
- Division Director Administrative Approval -- See Rule 112-C -- Submit 2 copies of Form C-107 with attachments to Division office in Santa Fe and 2 copies of Form C-107 with attachments to appropriate district office.
- Multiple completions not qualifying for District or Division Director approval may be set for hearing as outlined in Rule 112-A-E.

Well Name: Global BBG #1 Field: \_\_\_\_\_

Location: 660' FSL & 400' FWL Sec. 12-16S-35E Lea Co, NM

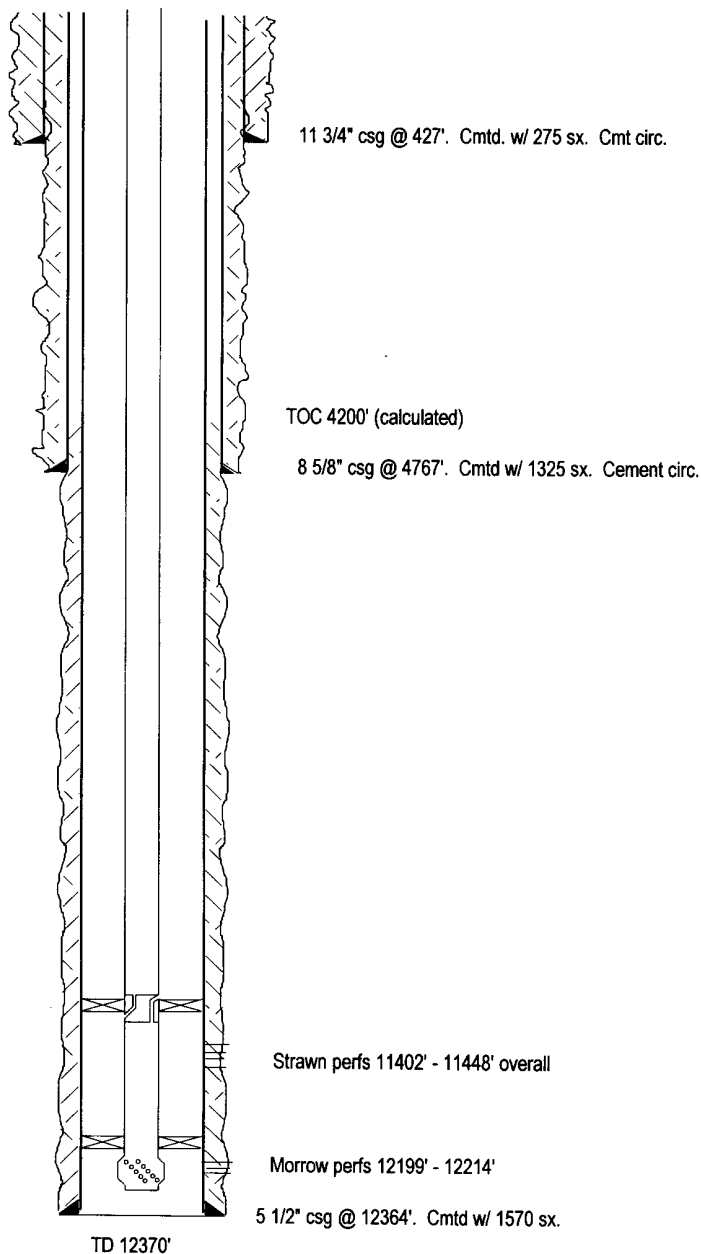
GL: 3971' Zero: \_\_\_\_\_ AGL: \_\_\_\_\_ KB: 3989'

Spud Date: 2/25/03 Completion Date: \_\_\_\_\_

Comments: \_\_\_\_\_

| Casing Program                    |           |
|-----------------------------------|-----------|
| Size/Wt/Grade/Conn                | Depth Set |
| 11 3/4" 42#, H40                  | 427'      |
| 8 5/8" 32#, J55                   | 4767'     |
| 5 1/2" 17 & 15.5# P110, L80 & J55 | 12364'    |
|                                   |           |
|                                   |           |
|                                   |           |

PROPOSED CONFIGURATION



SKETCH NOT TO SCALE

DATE: 4/07/03

[illegible]

COUNTY:

Lea

STATE:

New Mexico

COUNTY: Lea

Field: Wildcat

Location: 660' FSL &amp; 400' FWL

Well: Global BBG #1

Company: Yates Petroleum Corporation

LOCATION

ENTERED APR 17 2003

**Schlumberger**

Platform Express

Azimuthal Laterolog

Micro-CFL / NGT

660' FSL &amp; 400' FWL

Elev.: K.B. 3989 ft

G.L. 3971 ft

D.F. 3988 ft

Permanent Datum: Ground Level

Elev.: 3971 ft

Log Measured From: Kelly Bushing

18.0 ft above Perm. Datum

Drilling Measured From: Kelly Bushing

API Serial No.

30-025-36016

SECTION

12

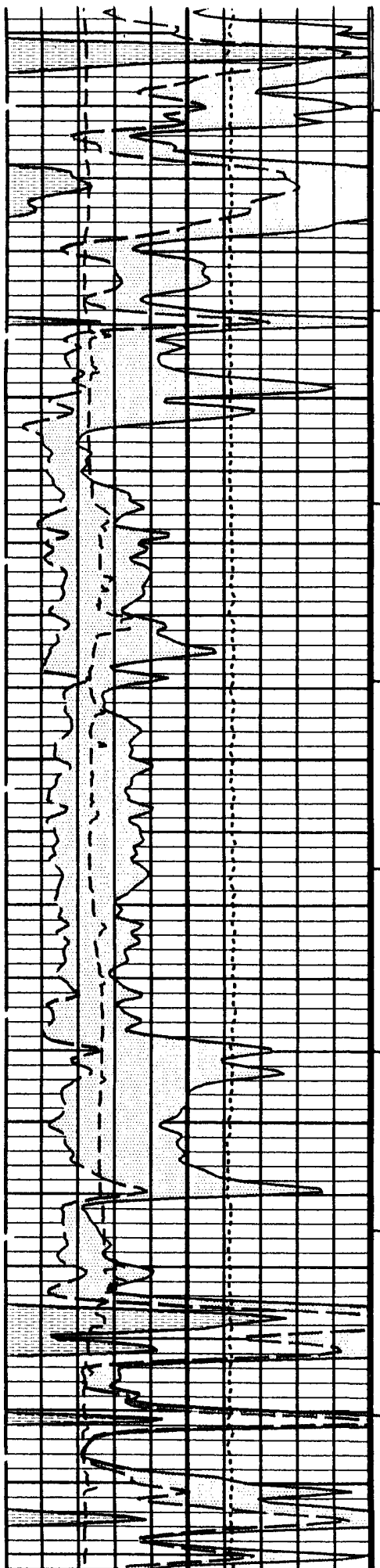
TOWNSHIP

16S

RANGE

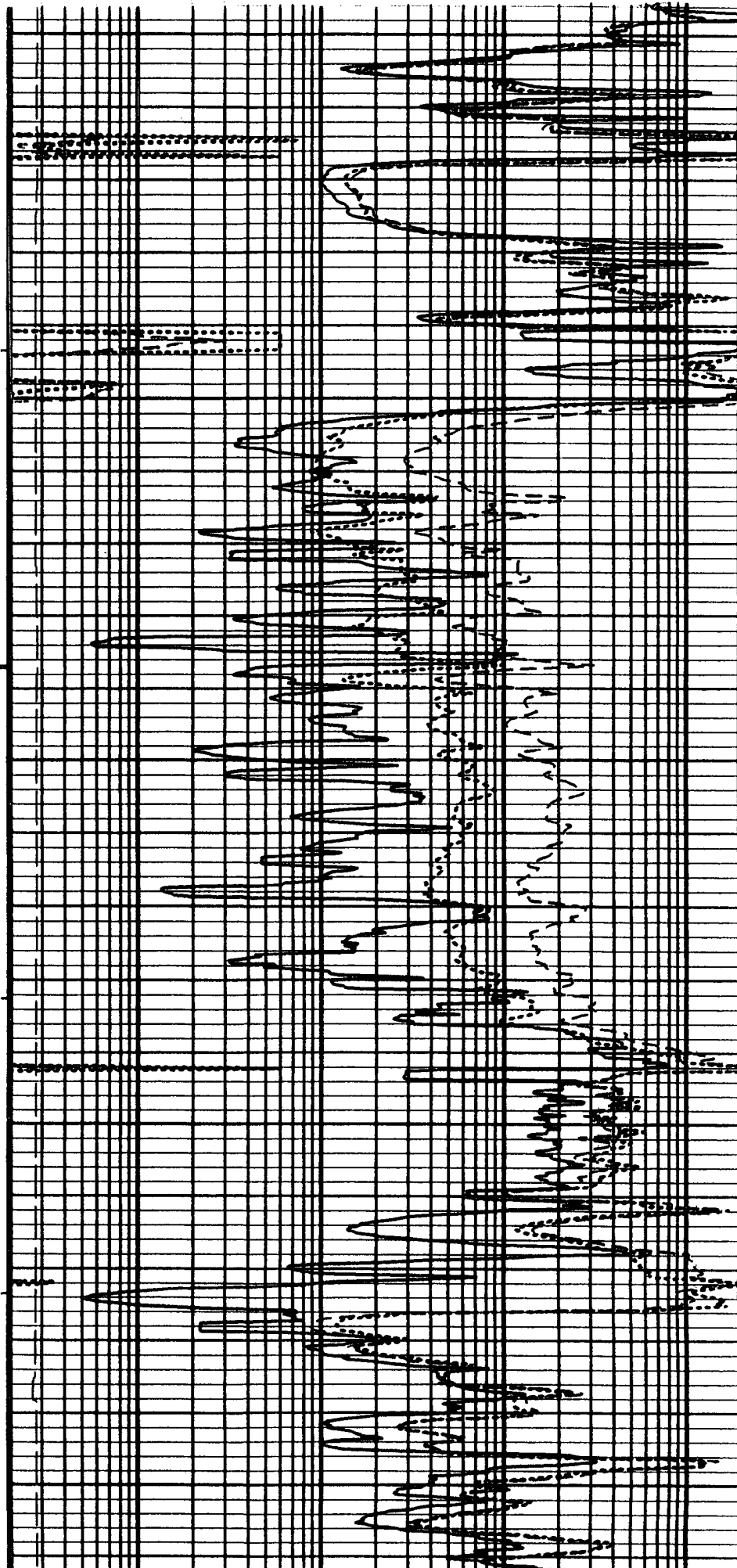
35E

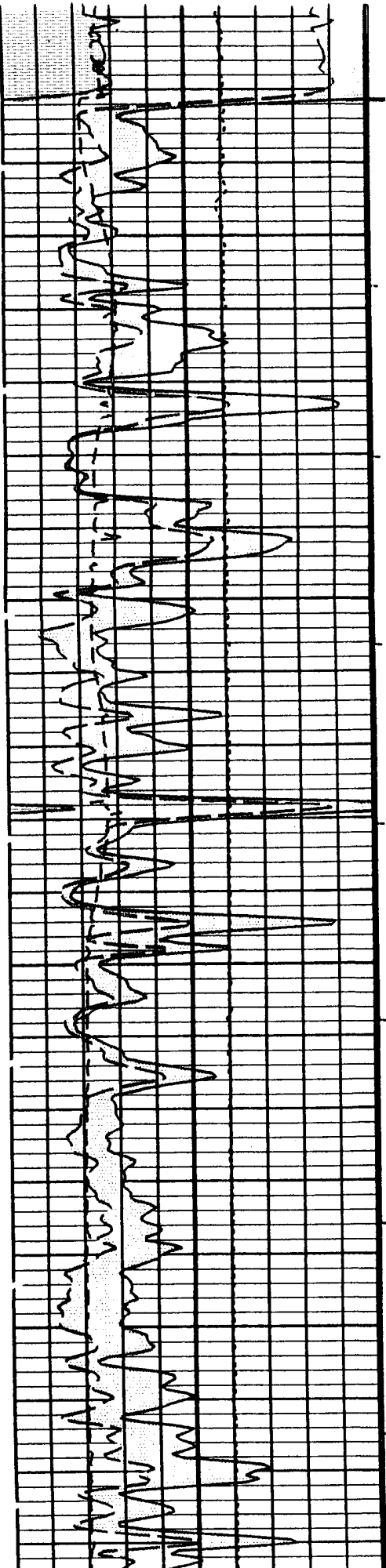
|                               |                            |           |                            |             |      |   |   |  |  |
|-------------------------------|----------------------------|-----------|----------------------------|-------------|------|---|---|--|--|
| Logging Date                  |                            |           | 4-Apr-2003                 |             |      |   |   |  |  |
| Run Number                    |                            |           | One                        |             |      |   |   |  |  |
| Depth Driller                 |                            |           | 12350 ft                   |             |      |   |   |  |  |
| Schlumberger Depth            |                            |           | 12371 ft                   |             |      |   |   |  |  |
| Bottom Log Interval           |                            |           | 12363 ft                   |             |      |   |   |  |  |
| Top Log Interval              |                            |           | 4770 ft                    |             |      |   |   |  |  |
| Casing Driller Size @ Depth   |                            |           | 8.625 in @ 4767 ft         |             |      | @ |   |  |  |
| Casing Schlumberger           |                            |           | 4770 ft                    |             |      |   |   |  |  |
| Bit Size                      |                            |           | 7.875 in                   |             |      |   |   |  |  |
| Type Fluid In Hole            |                            |           | Brine / Starch / Gel       |             |      |   |   |  |  |
| MUD                           | Density                    | Viscosity | 10.1 lbm/gal               | 40 s        |      |   |   |  |  |
|                               | Fluid Loss                 | PH        | 6 cm3                      | 11          |      |   |   |  |  |
|                               | Source Of Sample           |           | Circulation Tank           |             |      |   |   |  |  |
|                               | RM @ Measured Temperature  |           | 0.141 ohm.m @ 92 degF      |             |      | @ |   |  |  |
|                               | RMF @ Measured Temperature |           | 0.141 ohm.m @ 92 degF      |             |      | @ |   |  |  |
| RMC @ Measured Temperature    |                            |           | @                          |             |      | @ |   |  |  |
| Source RMF                    |                            | RMC       | Measured                   |             |      |   |   |  |  |
| RM @ MRT                      |                            | RMF @ MRT | 0.081 @ 165                | 0.081 @ 165 | @    |   | @ |  |  |
| Maximum Recorded Temperatures |                            |           | 165 degF                   |             |      |   |   |  |  |
| Circulation Stopped           |                            | Time      | 4-Apr-2003                 |             | 8:00 |   |   |  |  |
| Logger On Bottom              |                            | Time      | 4-Apr-2003                 |             | 5:30 |   |   |  |  |
| Unit Number                   |                            | Location  | 3178                       | Roswell, NM |      |   |   |  |  |
| Recorded By                   |                            |           | Dan Zeltner                |             |      |   |   |  |  |
| Witnessed By                  |                            |           | John Amiet / Keith McKamey |             |      |   |   |  |  |



11400

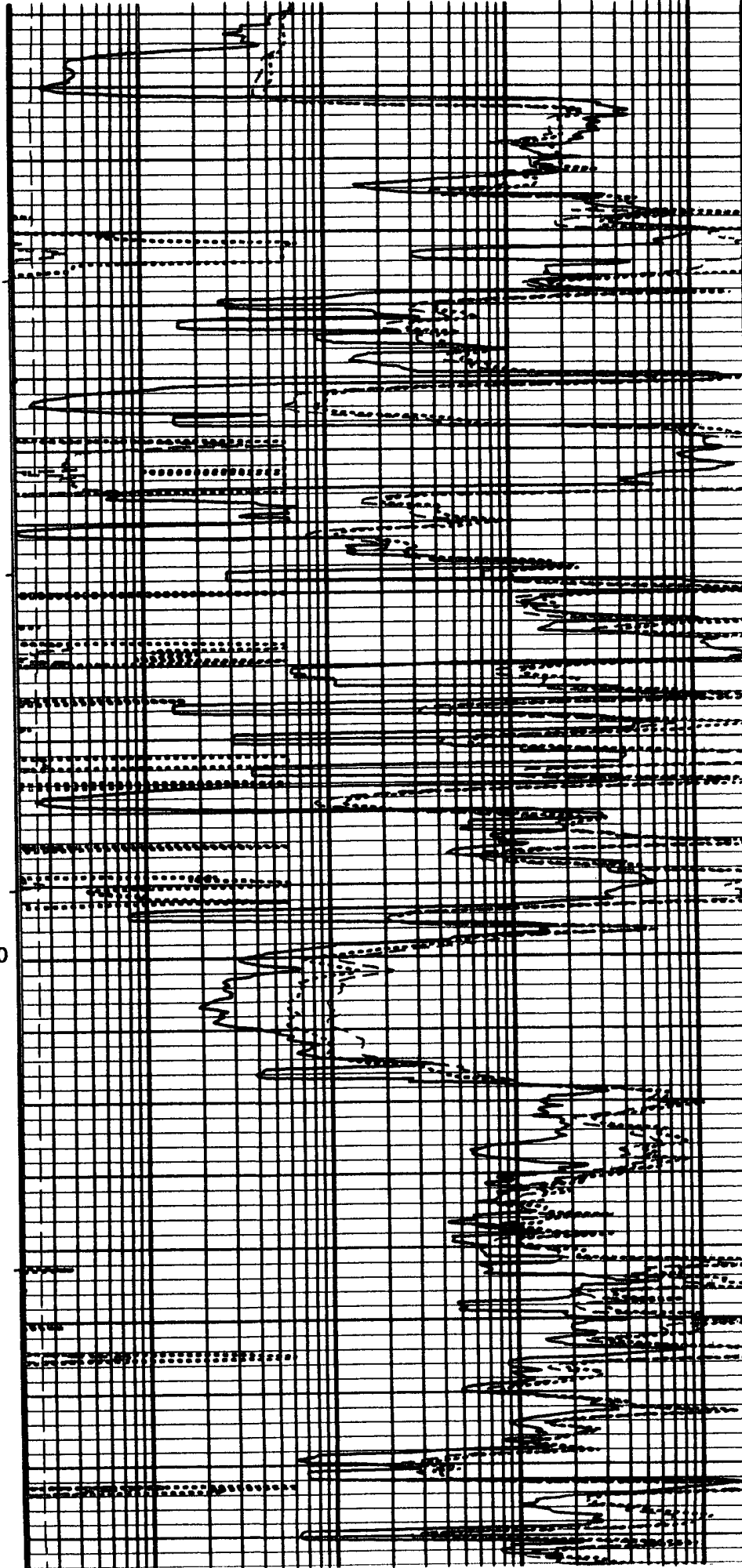
11500





12100

12200



FILE COPY

COMPANY: Yates Petroleum Corporation

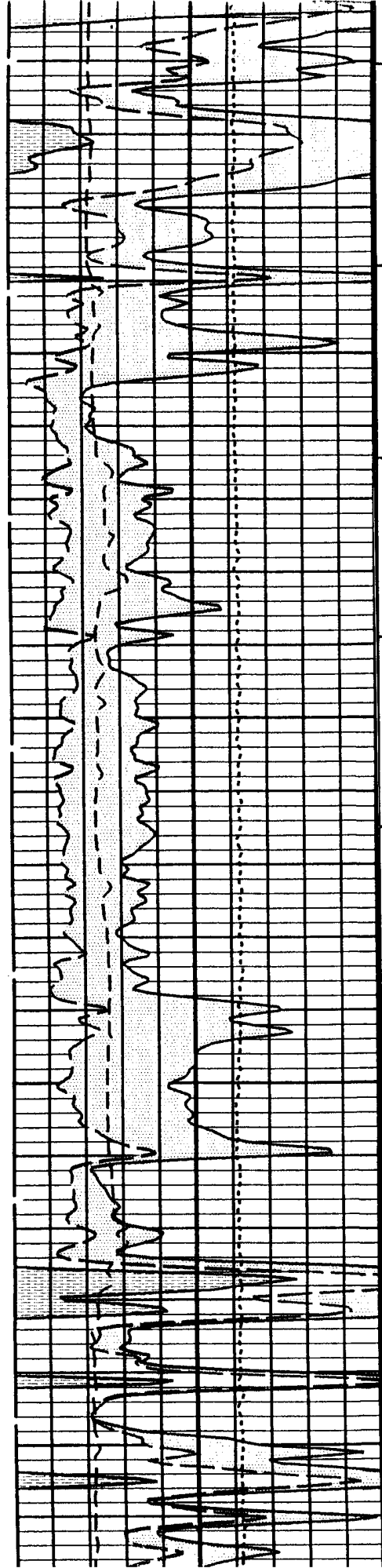
WELL: Global BBG #1

FIELD: Wildcat

COUNTY: Lea

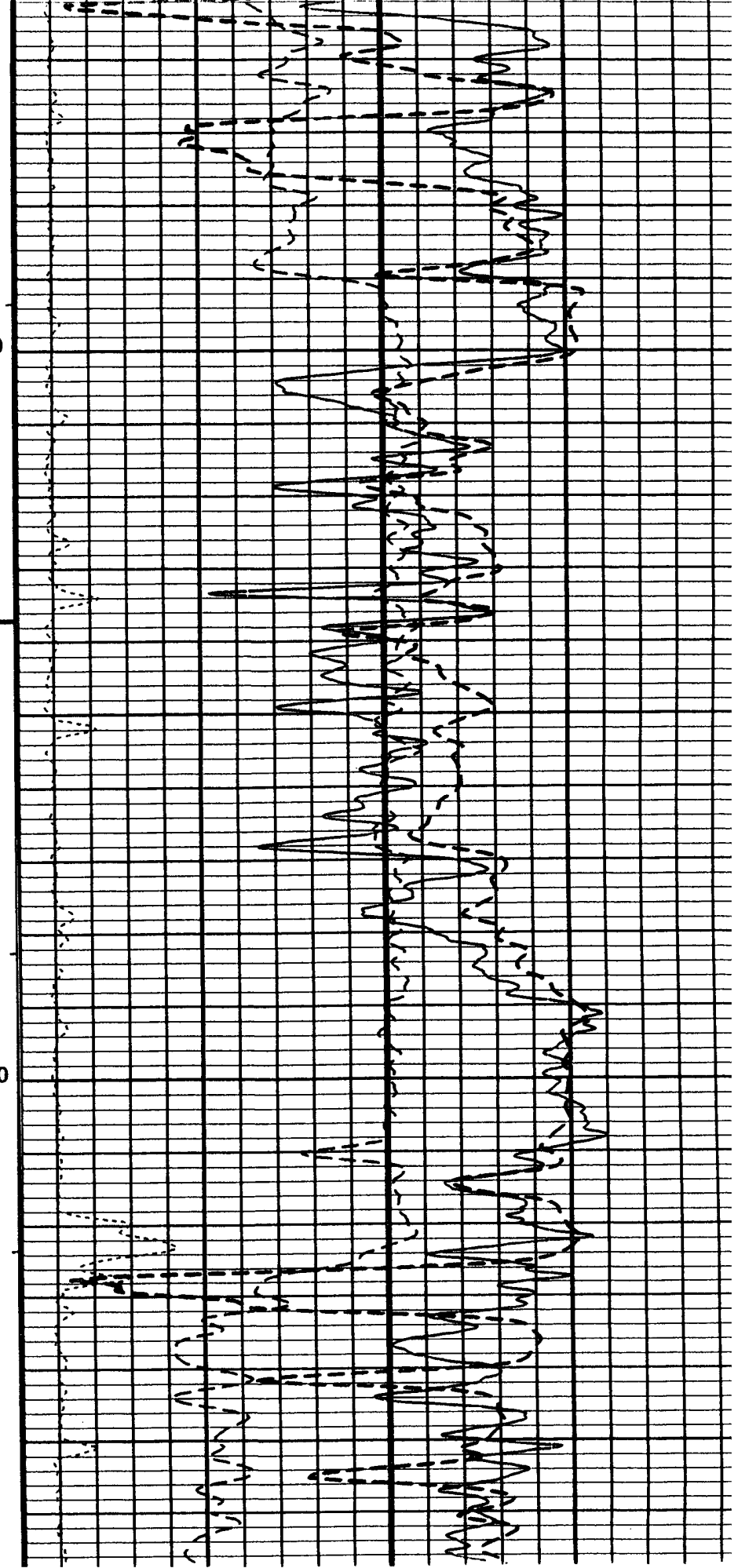
STATE: New Mexico

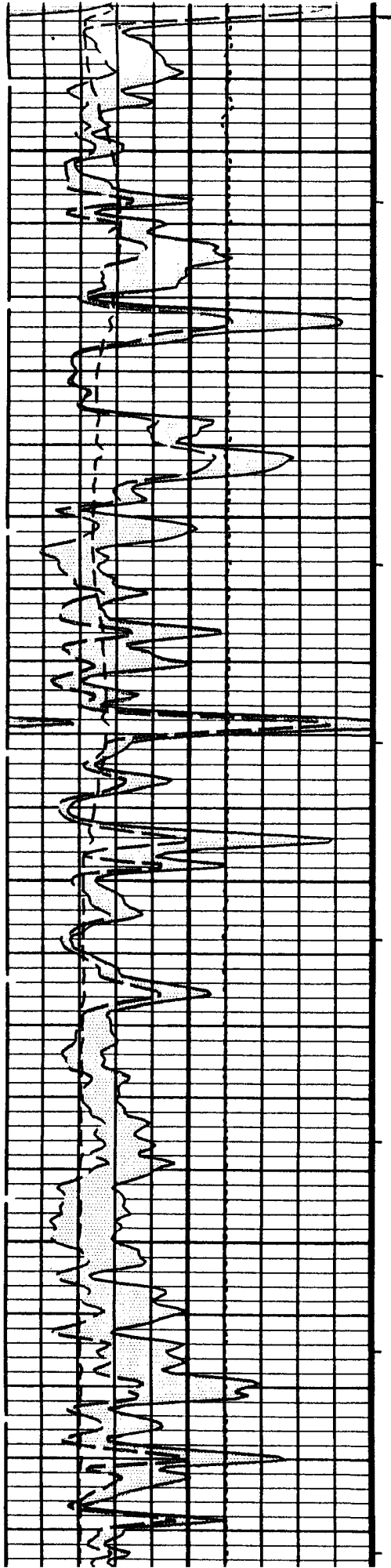
|                                                                                                                               |                                                                                                                             |                            |                                             |             |                     |
|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------------------|-------------|---------------------|
| COUNTY: Lea<br>Field: Wildcat<br>Location: 660' FSL & 400' FWL<br>Well: Global BBG #1<br>Company: Yates Petroleum Corporation | ENTERED APR 17 2003<br><b>Schlumberger</b><br>Platform Express<br>Three Detector Litho Density<br>Compensated Neutron / NGT |                            | 660' FSL & 400' FWL                         |             | Elev.: K.B. 3989 ft |
|                                                                                                                               |                                                                                                                             |                            | Yates Petroleum Corporation<br>30-025-36016 |             | G.L. 3971 ft        |
|                                                                                                                               | Permanent Datum: Ground Level                                                                                               |                            | Elev.: 3971 ft                              |             |                     |
|                                                                                                                               | Log Measured From: Kelly Bushing                                                                                            |                            | 18.0 ft above Perm. Datum                   |             |                     |
| Drilling Measured From: Kelly Bushing                                                                                         |                                                                                                                             |                            |                                             |             |                     |
| API Serial No. 30-025-36016                                                                                                   |                                                                                                                             | SECTION 12                 | TOWNSHIP 16S                                | RANGE 35E   |                     |
| MUD                                                                                                                           | Logging Date                                                                                                                |                            | 4-Apr-2003                                  |             |                     |
|                                                                                                                               | Run Number                                                                                                                  |                            | One                                         |             |                     |
|                                                                                                                               | Depth Driller                                                                                                               |                            | 12350 ft                                    |             |                     |
|                                                                                                                               | Schlumberger Depth                                                                                                          |                            | 12371 ft                                    |             |                     |
|                                                                                                                               | Bottom Log Interval                                                                                                         |                            | 12353 ft                                    |             |                     |
|                                                                                                                               | Top Log Interval                                                                                                            |                            | 200 ft                                      |             |                     |
|                                                                                                                               | Casing Driller Size @ Depth                                                                                                 |                            | 8.625 in @ 4767 ft                          |             |                     |
|                                                                                                                               | Casing Schlumberger                                                                                                         |                            | 4770 ft                                     |             |                     |
|                                                                                                                               | Bit Size                                                                                                                    |                            | 7.875 in                                    |             |                     |
|                                                                                                                               | Type Fluid In Hole                                                                                                          |                            | Brine / Starch / Gel                        |             |                     |
|                                                                                                                               | Density                                                                                                                     | Viscosity                  | 10.1 lbm/gal                                | 40 s        |                     |
|                                                                                                                               | Fluid Loss                                                                                                                  | PH                         | 6 cm3                                       | 11          |                     |
|                                                                                                                               | Source Of Sample                                                                                                            |                            | Circulation Tank                            |             |                     |
|                                                                                                                               | RM @ Measured Temperature                                                                                                   |                            | 0.141 ohm.m @ 92 degF                       | @           |                     |
|                                                                                                                               | RMF @ Measured Temperature                                                                                                  |                            | 0.141 ohm.m @ 92 degF                       | @           |                     |
| RMC @ Measured Temperature                                                                                                    |                                                                                                                             | @                          | @                                           |             |                     |
| Source RMF                                                                                                                    | RMC                                                                                                                         | Measured                   |                                             |             |                     |
| RM @ MRT                                                                                                                      | RMF @ MRT                                                                                                                   | 0.081 @ 165                | 0.081 @ 165                                 | @           |                     |
| Maximum Recorded Temperatures                                                                                                 |                                                                                                                             | 165 degF                   |                                             |             |                     |
| Circulation Stopped                                                                                                           |                                                                                                                             | Time 4-Apr-2003            | 8:00                                        |             |                     |
| Logger On Bottom                                                                                                              |                                                                                                                             | Time 4-Apr-2003            | 5:30                                        |             |                     |
| Unit Number                                                                                                                   |                                                                                                                             | Location                   | 3178                                        | Roswell, NM |                     |
| Recorded By                                                                                                                   |                                                                                                                             | Dan Zeitner                |                                             |             |                     |
| Witnessed By                                                                                                                  |                                                                                                                             | John Amiet / Keith McKamey |                                             |             |                     |



11400

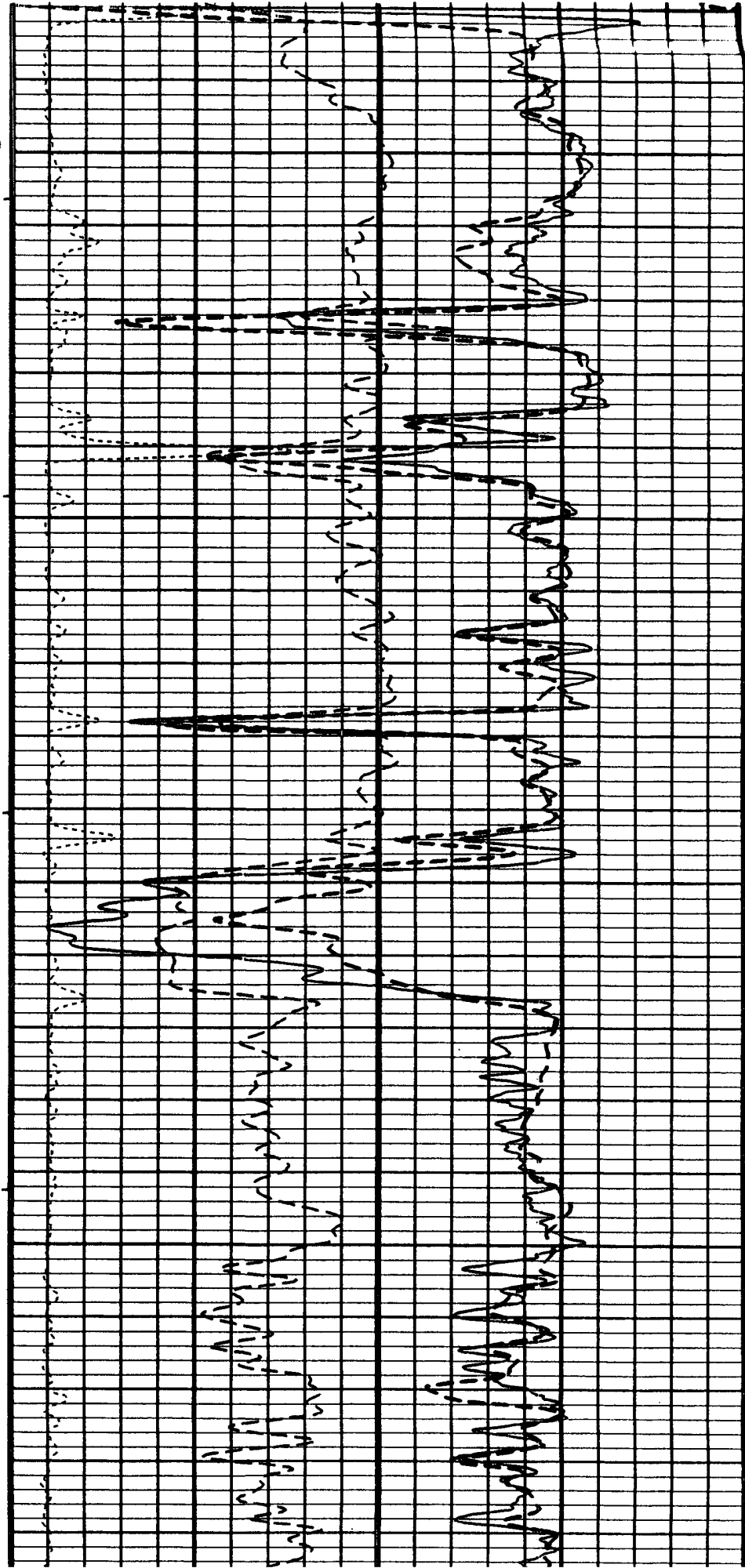
11500





12100

12200



## **Names and Addresses of Offset Operators**

***Global BBG #1 (Fee)  
M-12-16S-35E  
Lea County, New Mexico***

1. LDM & Associates  
116 W. 1<sup>st</sup> Street  
Roswell, NM 88203
2. Chesapeake Exploration Limited Partnership  
PO Box 18496  
Oklahoma City, OK 73154-0496
3. David H. Arrington Oil & Gas, Inc.  
PO Box 2071  
Midland, Texas 79702
4. Permian Resources Inc.  
PO Drawer 590  
Midland, Texas 79702
5. Pride Energy Company  
PO Box 701950  
Tulsa, Ok 74170-1950
6. Roy Barton, Jr.  
Roy G. Barton, Sr & Opal Barton Rev Trust  
1919 N. Turner Street  
Hobbs, New Mexico 88240-2712
7. E.L. Latham Company  
PO Box 1392  
Hobbs, New Mexico 88241-1392