

BEFORE THE  
OIL CONSERVATION DIVISION  
Santa Fe, New Mexico

Case No. 11821 Exhibit No. 5

Submitted by: Paloma Resources, Inc.

Hearing Date: September 4, 1997

27411

WELL SURVEYING

W45 016342

HOUSTON, TEXAS

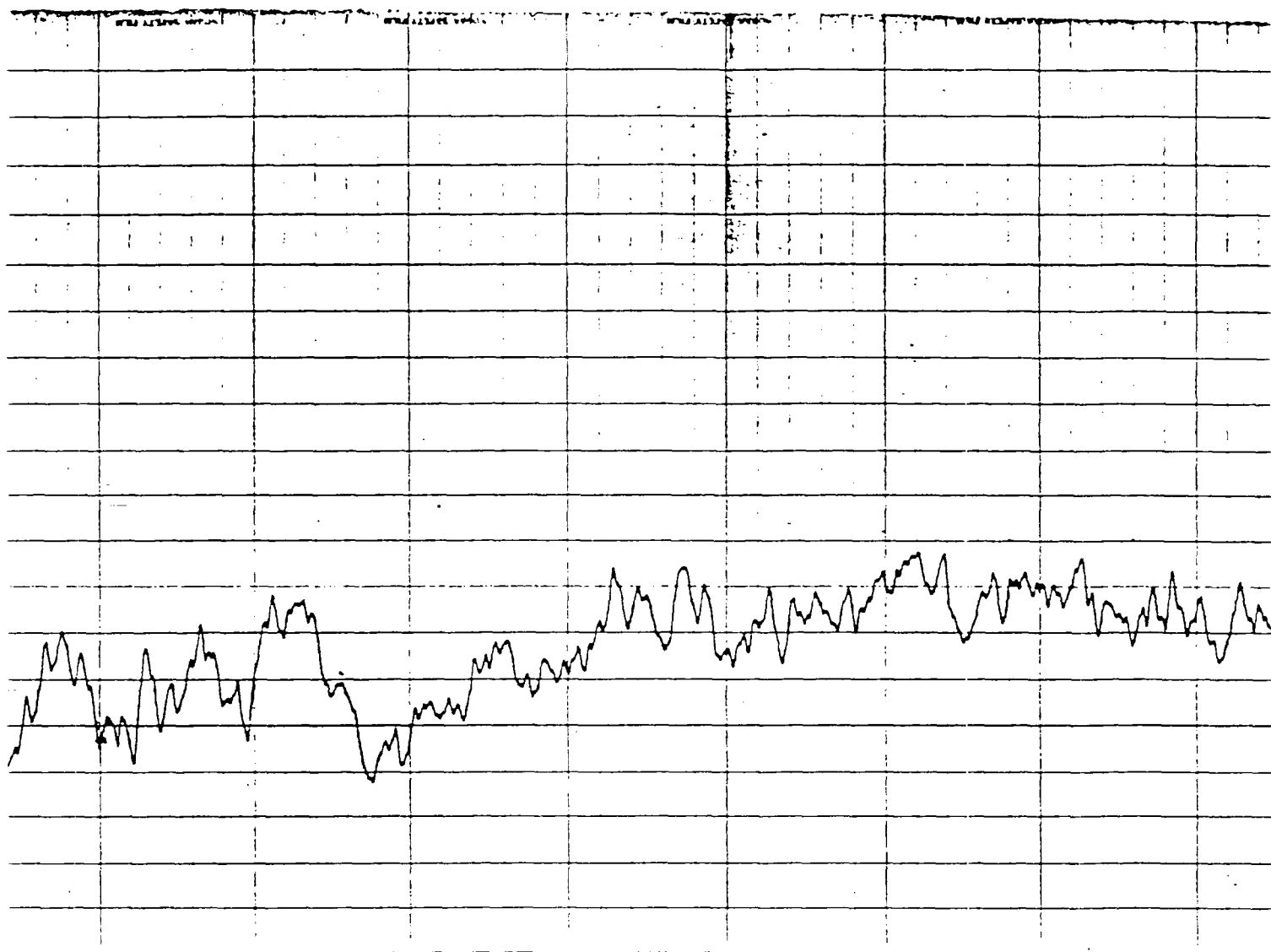


GAMMA RAY NEUTRON

|                                                   |     |         |                |               |                                 |                                                                                                                                                 |
|---------------------------------------------------|-----|---------|----------------|---------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| COUNTY<br>FIELD or<br>LOCATION<br>WELL<br>COMPANY | Lea | Wildcat | Home Stake # 1 | Shell Oil Co. | COMPANY <u>SHELL OIL CO.</u>    | Location of V<br>660' f S&W<br>Sec. 28-16S-<br><br>GRN<br>(ES ML SG)<br><br>Elevation: D.F.: <u>3</u><br>K.B.:<br>Hy or G.L.:<br><br>FILING No. |
|                                                   |     |         |                |               | WELL <u>HOME STAKE # 1</u>      |                                                                                                                                                 |
|                                                   |     |         |                |               | FIELD <u>WILDCAT</u>            |                                                                                                                                                 |
|                                                   |     |         |                |               | LOCATION <u>SEC. 28-16S-37E</u> |                                                                                                                                                 |
|                                                   |     |         |                |               | COUNTY <u>LEA</u>               |                                                                                                                                                 |
|                                                   |     |         |                |               | STATE <u>NEW MEXICO</u>         |                                                                                                                                                 |

|                |                           |
|----------------|---------------------------|
| RUN No.        | 1                         |
| Date           | 7-30-53                   |
| First Reading  | 12113                     |
| Last Reading   | 1430                      |
| Feet Measured  | 10623                     |
| Csg. Schlum.   | 4795                      |
| Csg. Driller   | 4792                      |
| Depth Reached  | 12113                     |
| Bottom Driller | 12125                     |
| Depth Datum    | 1' abv. RT                |
| Mud Nat.       | Gel Carbonex              |
| " Density      | 2.4                       |
| " Viscosity    | 82                        |
| " Resist.      | 1.28 @ 55°F @ -F          |
| " Res. BHT     | @ 169 F @ -F              |
| " pH           | 10.5 @ F @ -F             |
| " Wtr. Loss    | 6.8 CC 30 min. CC 30 min. |
| Max. Temp. °F  | 169                       |
| Bit Size       | 7 7/8"                    |
| Opr. Rig Time  | 4 Hrs.                    |
| Truck No.      | 1759                      |
| Recorded By    | Rodgers                   |
| Witness By     |                           |

Exhibit E-5



6200

6300

6400

6500

