



OTIS ENGINEERING CORPORATION  
P.O. BOX 34380  
DALLAS, TEXAS 75234

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JAN 12 1981

PRESSURE SURVEY OEC-156-D

MIDLAND

DATE 12-14-80

COMPANY Pogo Producing Co. FIELD Unit H Sec. 14 WELL NUMBER

LEASE BKD com COUNTY OR PARISH Lea STATE New Mexico

|             |                  |                                                                   |                        |                                                                     |
|-------------|------------------|-------------------------------------------------------------------|------------------------|---------------------------------------------------------------------|
| DESCRIPTION | ELEVATION        | PERFORATION                                                       | DATUM                  | OIL LEVEL                                                           |
|             | WATER LEVEL      | <input type="checkbox"/> SHUT-IN <input type="checkbox"/> FLOWING | HOURS                  | DEPTH REACHED<br>10773                                              |
|             | SURFACE PRESSURE | MAXIMUM PRESSURE                                                  | SURFACE TEMPERATURE °F | MAXIMUM TEMPERATURE °F                                              |
|             | TUBING           | TUBING DEPTH                                                      | PACKER DEPTH           | SLANT HOLE <input type="checkbox"/> YES <input type="checkbox"/> NO |

| DEPTH OR TIME | PRESSURE PSIG | GRADIENT PSI/FT. |  |
|---------------|---------------|------------------|--|
| 12-14-80      | 1.103         | 5725#            |  |
| 3:15 pm       |               |                  |  |
| Q-Lub         |               |                  |  |
| 10773'        |               |                  |  |
| 4.05 Bot.     | 1.358         | 7047#            |  |
| 4:30 pm       | 1.363         | 7073             |  |
| 500           | 1.363         | 7073             |  |
| 530           | 1.363         | 7073             |  |
| 600           | 1.366         | 7088             |  |
| 6.30          | 1.367         | 7093             |  |
| 700           | 1.369         | 7104             |  |
| 7:30          | 1.373         | 7124             |  |
| 8:00          | 1.376         | 7140             |  |
| 8:30          | 1.379         | 7155             |  |
| 9:00          | 1.381         | 7166             |  |
| 9:30          | 1.383         | 7176             |  |
| 10:00         | 1.384         | 7181             |  |
| 10:30         | 1.385         | 7187             |  |
| 11:00         | 1.387         | 7197             |  |
| 11:30         | 1.388         | 7202             |  |

|                               |                 |                                                                          |
|-------------------------------|-----------------|--------------------------------------------------------------------------|
| INSTRUMENT NO.<br>46836       | RANGE<br>10,000 | M.S.C. NUMBER<br>649116                                                  |
| CLOCK NUMBER<br>H-7239        | RANGE<br>180    | LEAD SCREW<br><input type="checkbox"/> 7 1/2 <input type="checkbox"/> 15 |
| CALCULATED BY<br>D. R. Jarrel |                 |                                                                          |

REMARKS

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'JAN 15 1981'

OIL CONSERVATION DIV.