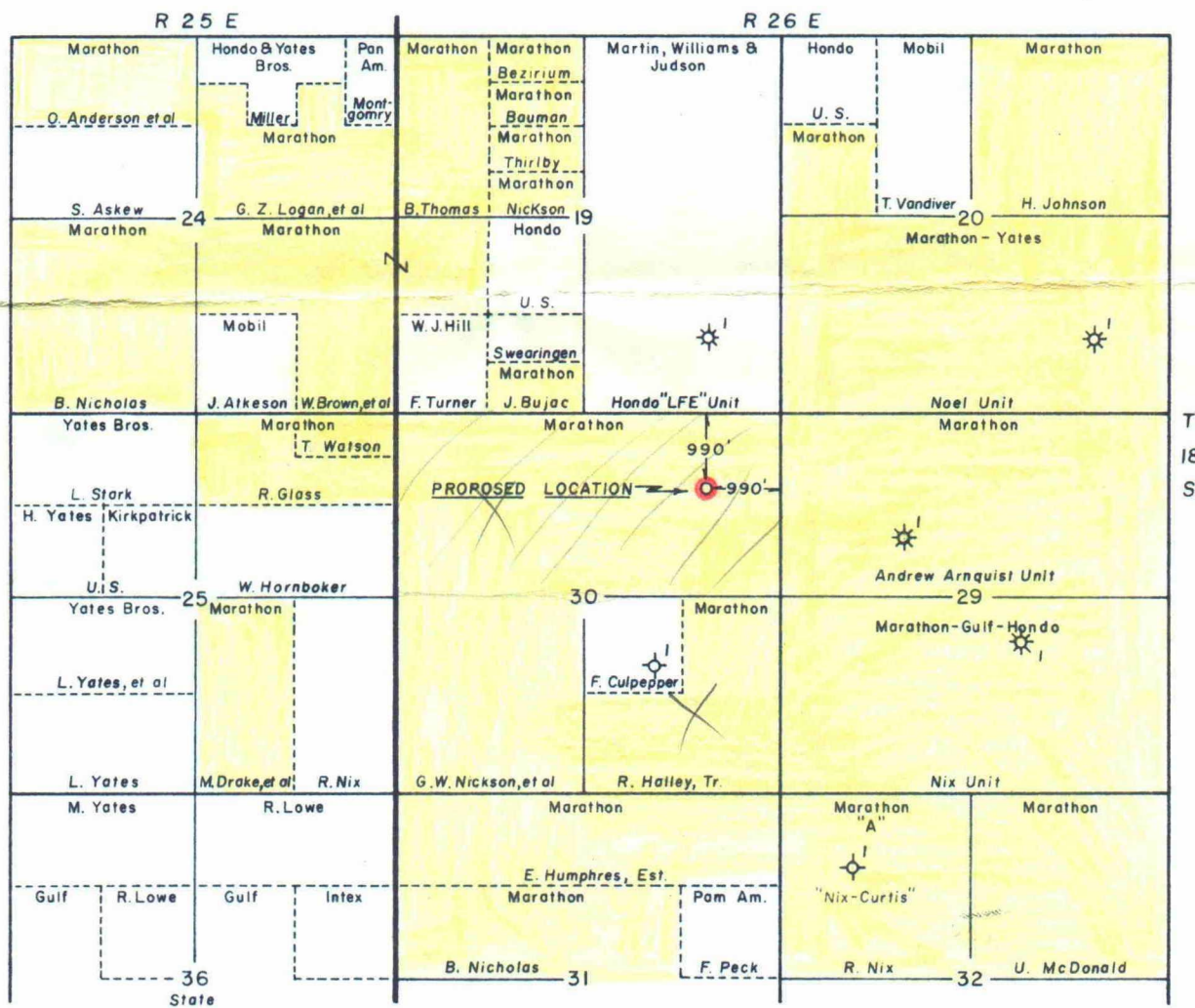




BEFORE EXAMINER UTZ  
OIL CONSERVATION COMMISSION  
EXHIBIT NO. 2628  
CASE NO. 2628

MARATHON OIL COMPANY  
"Plat of G. W. Nickson Lease"  
Atoka - Pennsylvanian Pool  
Eddy County, New Mexico

Scale: 1" = 2500'

August 15, 1962

CASE NO. 2628  
EXHIBIT NO. 1

ATOKA PENNSYLVANIAN POOL  
EDDY COUNTY, NEW MEXICO  
BOTTOM HOLE PRESSURE DATA

| Company                        | Lease &<br>Well No. | Test<br>Date | Shut-In<br>Time<br>(Hrs/Mins) | BHP @<br>-5600'<br>(PSIA) | Cum.Prod.<br>@ Time of<br>BHP Test<br>(MMCF) | Total<br>Pay<br>Thick-<br>ness | Remarks     |
|--------------------------------|---------------------|--------------|-------------------------------|---------------------------|----------------------------------------------|--------------------------------|-------------|
| <u>1961 Cooperative Survey</u> |                     |              |                               |                           |                                              |                                |             |
| Marathon                       | Ralph Nix #1        | 3/15/61      | 50/40                         | 3542                      | 403                                          | 62'                            | Gen. Survey |
|                                | E.V.Noel #1         | 3/15/61      | 55/05                         | 3589                      | 226                                          | 12'                            | "           |
| Std. of<br>Texas               | Everest #1          | 4/4/61       | 98/00                         | 3571                      | 324                                          | 34'                            | "           |
|                                | Martin #1           | 3/22/61      | 48/00                         | 3589                      | 341                                          | 52'                            | "           |
| Pan<br>American                | Flint #1            | 3/21/61      | 52/30                         | 3512                      | 769                                          | 20'                            | "           |
| Yates                          | Gushwa #1           | 4/28/61      | -                             | 3561                      | 0                                            | 15'                            | Initial BHP |
|                                | Mayer #1            | 2/15/61      | -                             | 3592                      | 0                                            | 10'                            | "           |

1962 Cooperative Survey

|                 |              |          |        |      |      |     |             |
|-----------------|--------------|----------|--------|------|------|-----|-------------|
| Marathon        | Ralph Nix #1 | 11/23/62 | 43/30  | 3228 | 989  | 62' | Gen. Survey |
|                 | Arnquist #1  | 11/23/62 | 41/00  | 3228 | 940  | 58' | "           |
|                 | E.V.Noel #1  | 11/23/62 | 45/00  | 3221 | 808  | 12' | "           |
| Pan<br>American | Flint #1     | 10/12/62 | 97/56  | 3233 | 1581 | 20' | "           |
|                 | Lee "C" #1   | 10/12/62 | 4 Mos. | 3258 | 472  | 17' | "           |

BEFORE THE  
OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

EXHIBIT NO. 8  
CASE NO. 2628

MARATHON OIL COMPANY

CASE NO. 2628 (De Novo)  
EXHIBIT NO. 8



ATOKA PENNSYLVANIAN POOL  
 Eddy County, New Mexico  
 "Bottom Hole Pressure vs Time"  
 Prepared by: T.O. Webb November 29, 1962

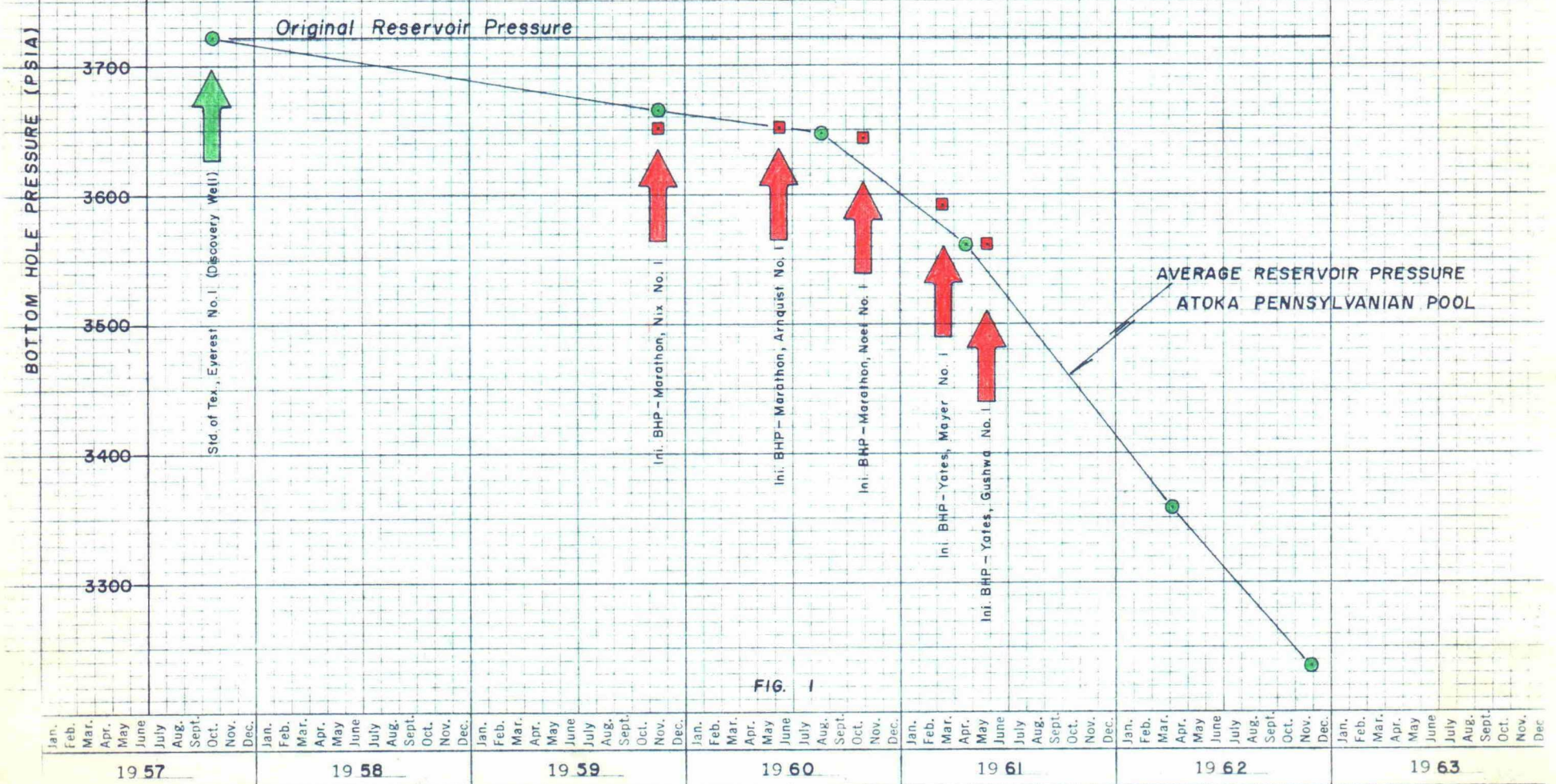


FIG. 1

BEFORE THE  
 OIL CONSERVATION COMMISSION  
 SANTA FE, NEW MEXICO  
 App. No. 2628  
 CASE 2628

ATOKA PENNSYLVANIAN POOL  
 Eddy County, New Mexico  
 "Bottom Hole Pressure vs Cumulative Pool Production"  
 Prepared by: T.O. Webb November 29, 1962

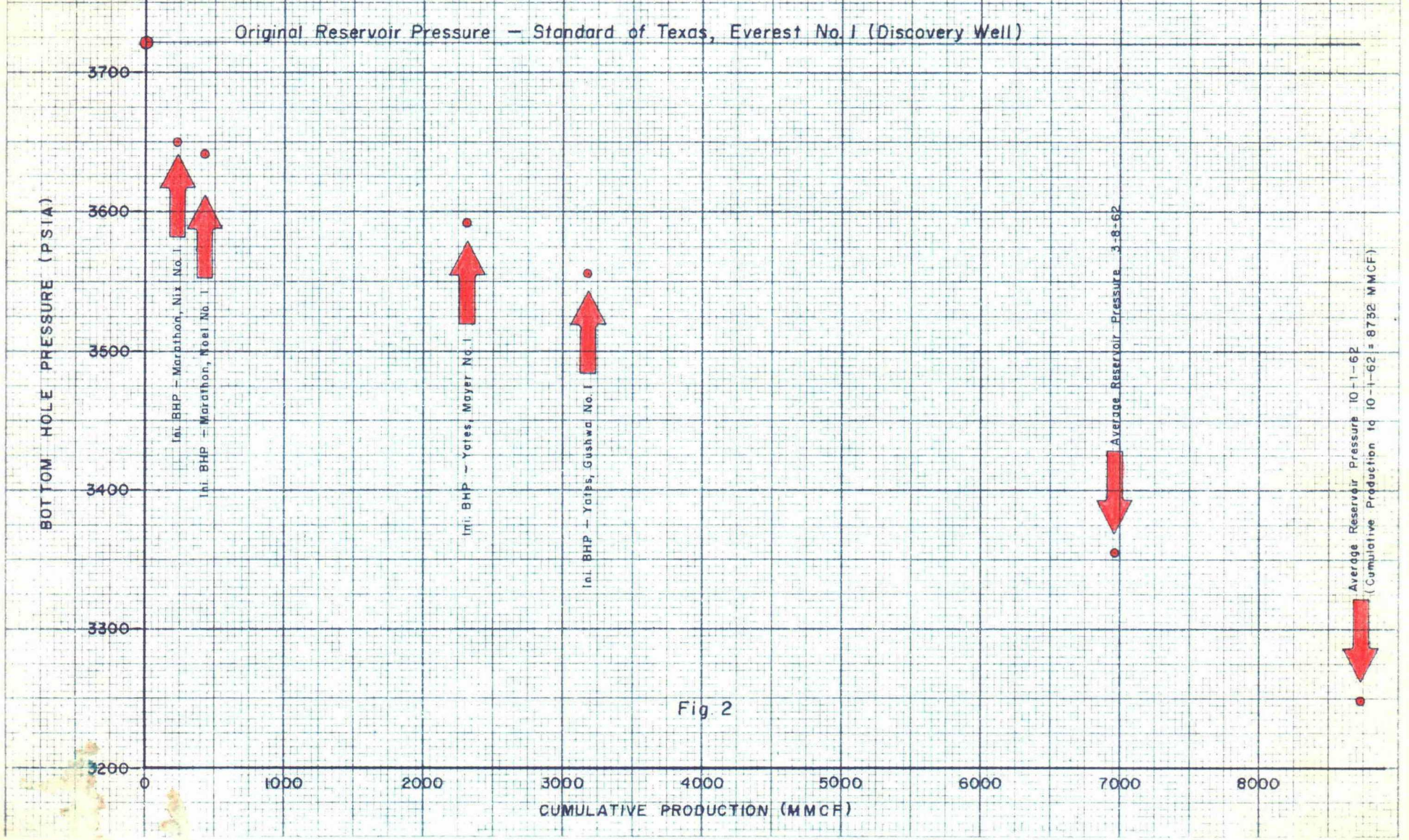


Fig. 2