

JOHN W. WEST ENGINEERING COMPANY  
412 NORTH DAL PASO, HOBBS, NEW MEXICO

TELEPHONES 393-3942  
393-3117

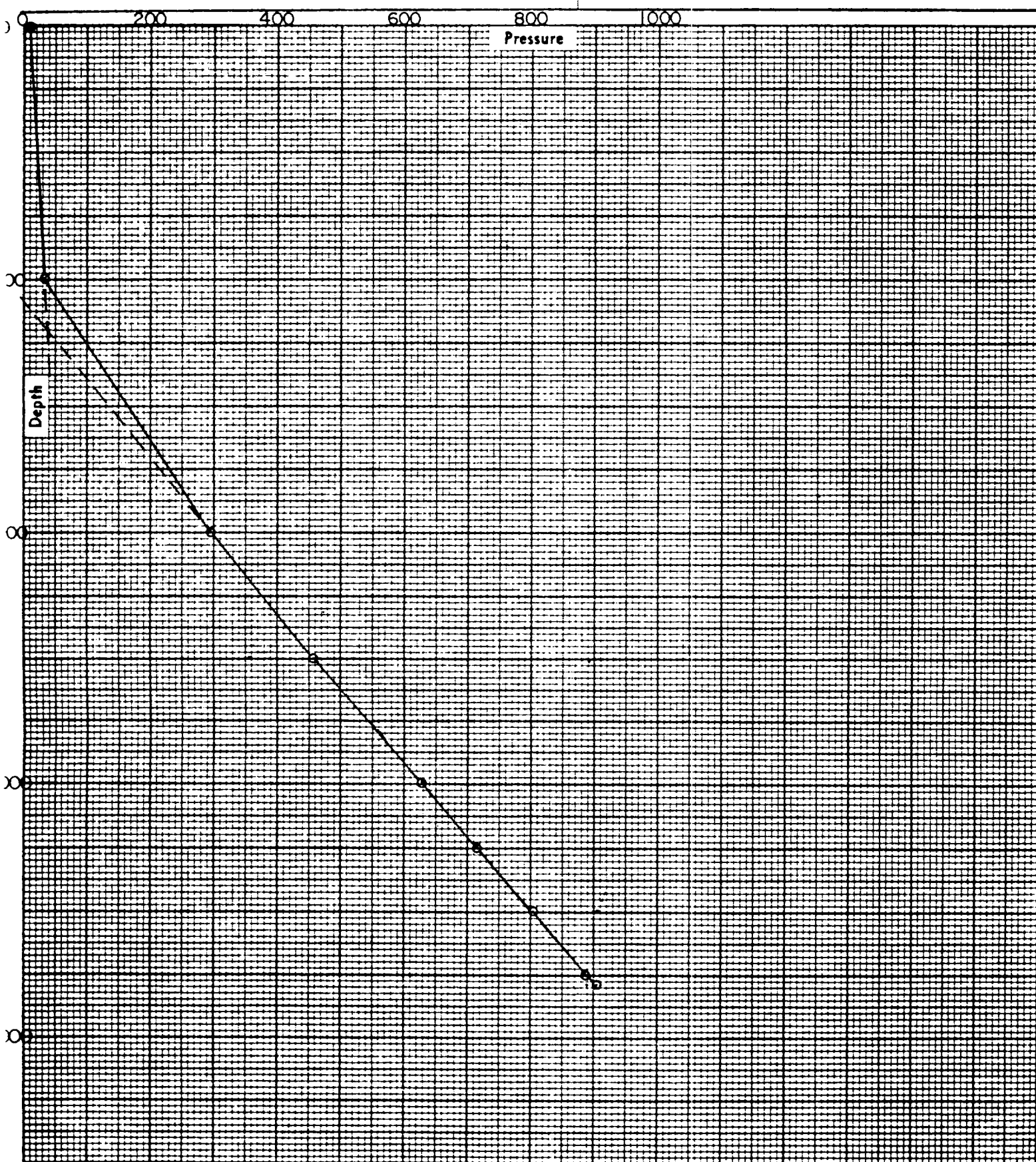
## BOTTOM HOLE PRESSURE SURVEY REPORT

OPERATOR \_\_\_\_\_  
LEASE CHARM STATE  
WELL NO. 1  
FIELD \_\_\_\_\_  
DATE 11-16-77 TIME 3:20 P.M.  
STATUS SHUT-IN TEST DEPTH 3,790'  
TIME S.I. T.A. LAST TEST DATE \_\_\_\_\_  
CAS. PRES. \_\_\_\_\_ BHP LAST TEST \_\_\_\_\_  
TUB. PRES. 11 PSIG BHP CHANGE \_\_\_\_\_  
ELEV. \_\_\_\_\_ FLUID TOP 1,200'  
DATUM \_\_\_\_\_ WATER TOP \_\_\_\_\_  
TEMP \_\_\_\_\_ RUN BY B.T. & T.B.  
CLOCK NO. 3130 GAUGE NO. 19389  
ELEMENT NO. 14490-N (0-1080 PSI)

| DEPTH | PRESSURE | GRADIENT |
|-------|----------|----------|
| 000   | 11       |          |
| 1000  | 32       | .021     |
| 2000  | 297      | .265     |
| 2500  | 459      | .324     |
| 3000  | 629      | .340     |
| 3250  | 716      | .348     |
| 3500  | 803      | .348     |
| 3750  | 889      | .344     |
| 3790  | 903      | .350     |

*36° →  
API*

NOTE: A 1½" SINKER BAR WAS RUN TO T.D.  
@ 3804'



RECEIVED

MAR 23 1978

OIL CONSERVATION COMM.  
MOBBS, N. M.