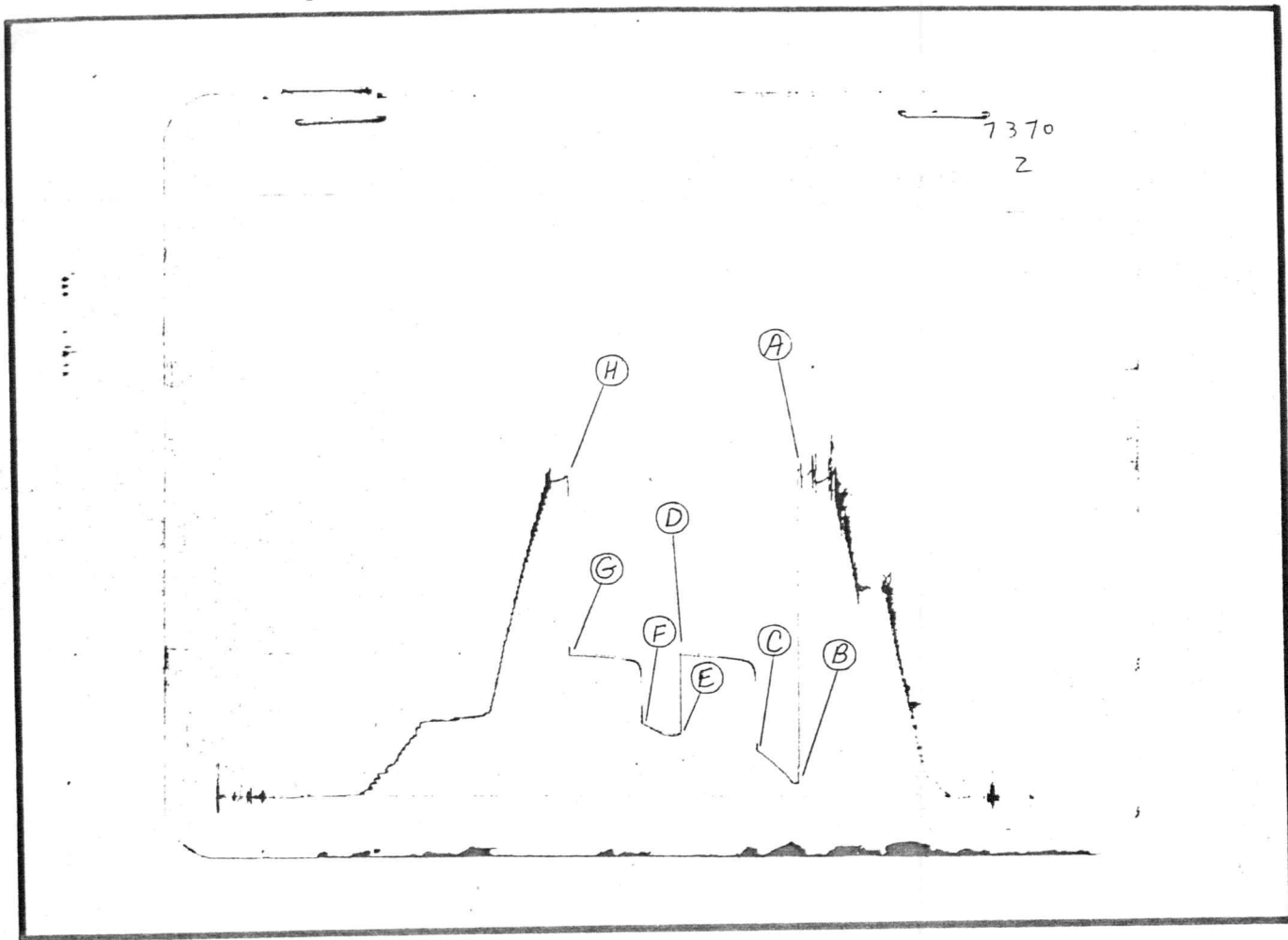


This is an actual photograph of recorder chart.

| POINT                            | PRESSURE      |                | PSI |
|----------------------------------|---------------|----------------|-----|
|                                  | Field Reading | Office Reading |     |
| (A) Initial Hydrostatic Mud      | 1813          |                | PSI |
| (B) First Initial Flow Pressure  | 316           |                | PSI |
| (C) First Final Flow Pressure    | 428           |                | PSI |
| (D) Initial Closed-in Pressure   | 428           |                | PSI |
| (E) Second Initial Flow Pressure | 428           |                | PSI |
| (F) Second Final Flow Pressure   | 428           |                | PSI |
| (G) Final Closed-in Pressure     | 428           |                | PSI |
| (H) Final Hydrostatic Mud        | 1731          |                | PSI |





This is an actual photograph of recorder chart.

| POINT                            | PRESSURE      |                | PSI |
|----------------------------------|---------------|----------------|-----|
|                                  | Field Reading | Office Reading |     |
| (A) Initial Hydrostatic Mud      | 1823          |                | PSI |
| (B) First Initial Flow Pressure  | 61            |                | PSI |
| (C) First Final Flow Pressure    | 265           |                | PSI |
| (D) Initial Closed-in Pressure   | 775           |                | PSI |
| (E) Second Initial Flow Pressure | 346           |                | PSI |
| (F) Second Final Flow Pressure   | 418           |                | PSI |
| (G) Final Closed-in Pressure     | 785           |                | PSI |
| (H) Final Hydrostatic Mud        | 1772          |                | PSI |

# -CHENEY TESTING COMPANY

P. O. BOX 3 HILL CITY, KANSAS 67642

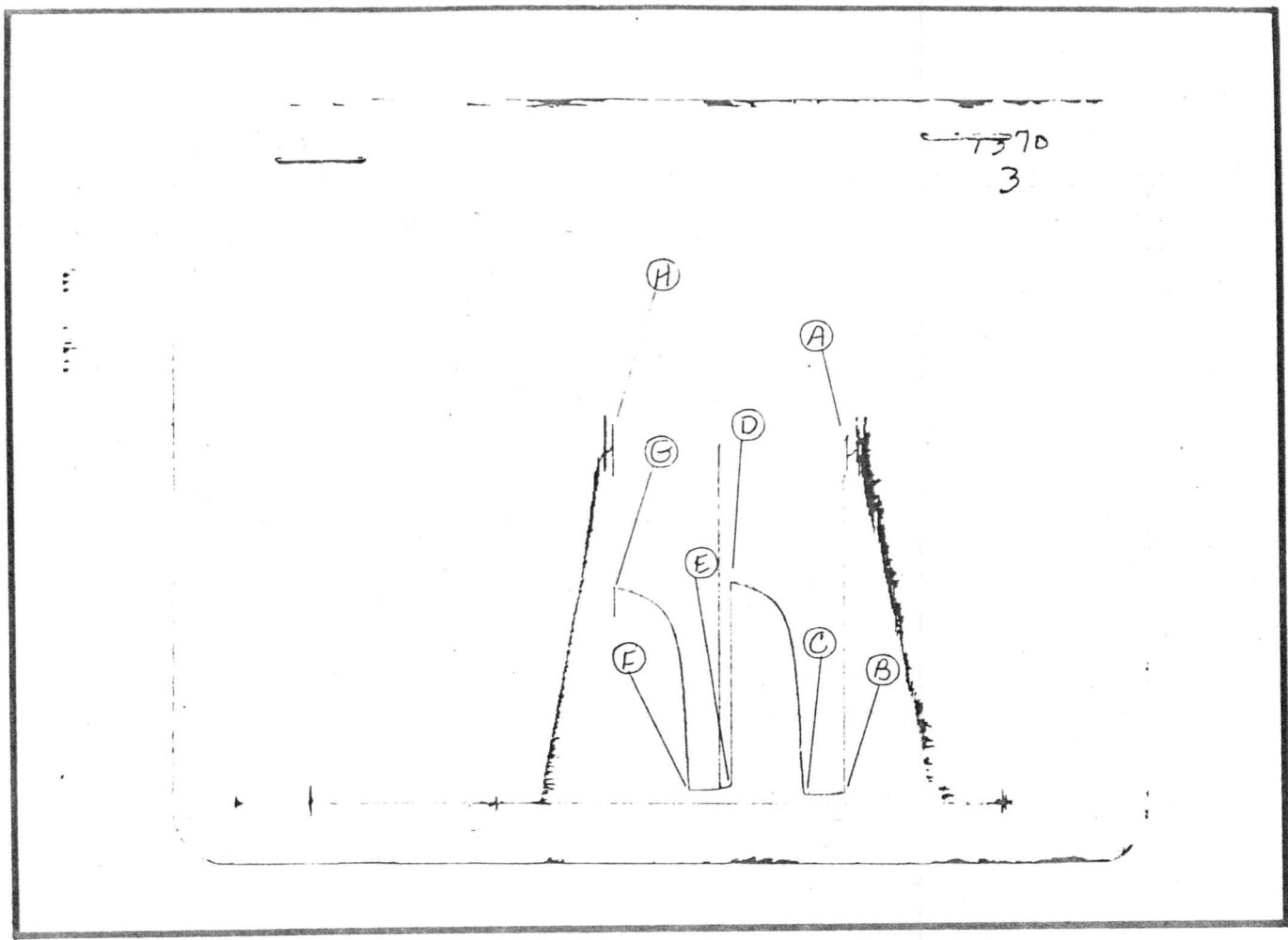


## DRILL-STEM TEST DATA

|   |                  |                  |              |
|---|------------------|------------------|--------------|
| Company   | Kansas Oil Corp. | Test No.         | 3            |
| Well Name & Number                                      | Honas A-3        | Zone Tested      | Marmaton     |
| Company Address   | Wichita, Kansas  | Date             | 12-8-80      |
| Comp. Rep.  | Zeb Stewart      | Tester           | Bill Nichols |
| Contractor  | Spartan Drlg.    | Elevation        | 2324 K.B.    |
| Location: Sec. 28 Twp. 11S Rge. 22W Co. Trego State Ks. |                  | Est. Feet of Pay |              |

Recorder No. 7370 Type AK-1 Range 4050 PSI  
 Recorder Depth 3934  
 (A) Initial Hydrostatic Mud 2028 PSI  
 (B) First Initial Flow Pressure 51 PSI  
 (C) First Final Flow Pressure 40 PSI  
 (D) Initial Closed-in Pressure 1232 PSI  
 (E) Second Initial Flow Pressure 102 PSI  
 (F) Second Final Flow Pressure 71 PSI  
 (G) Final Closed-in Pressure 1202 PSI  
 (H) Final Hydrostatic Mud 1997 PSI  
 Temperature -  
 Mud Weight 9.2 Viscosity 48  
 Fluid Loss 9.6  
 Interval Tested 3906-3934  
 Anchor Length 28'  
 Top Packer Depth 3901  
 Bottom Packer Depth 3906  
 Total Depth 3934  
 Drill Pipe Size 4 1/2 X.H.  
 Wt. Pipe I. D. - Ft. Run -  
 Recovery—Total Feet 90  
 Recovered 90 Feet Of Oil Cut Mud.  
 Recovered        Feet Of         
 Recovered        Feet Of         
 Recovered        Feet Of         
 Extra Equipment        Price of Job       

Recorder No. 10290 Type AK-1 Range 4250 PSI  
 Recorder Depth 3929  
 Tool Open Before I. S. I. 30 Mins.  
 Initial Shut-in 60 Mins.  
 Flow Period 30 Mins.  
 Final Shut-in 60 Mins.  
 Surface Choke Size 1"  
 Bottom Choke Size 3/4"  
 Main Hole Size 7 1/8"  
 Rubber Size 6 3/4"  
 Tool Open @ 9:49 A.M.  
 Blow Weak 1/2" Blow 1st Open.  
 Remarks No Blow 2nd Open. Flushed Tool,  
Blow Did Not Return.  
 Drill Collar I. D. 2.70 Ft. Run 280  
 (12% Oil, 4% Water, 84% Mud)



This is an actual photograph of recorder chart.

| POINT                            | PRESSURE      |                | PSI |
|----------------------------------|---------------|----------------|-----|
|                                  | Field Reading | Office Reading |     |
| (A) Initial Hydrostatic Mud      | 2028          |                | PSI |
| (B) First Initial Flow Pressure  | 51            |                | PSI |
| (C) First Final Flow Pressure    | 40            |                | PSI |
| (D) Initial Closed-in Pressure   | 1232          |                | PSI |
| (E) Second Initial Flow Pressure | 102           |                | PSI |
| (F) Second Final Flow Pressure   | 71            |                | PSI |
| (G) Final Closed-in Pressure     | 1202          |                | PSI |
| (H) Final Hydrostatic Mud        | 1997          |                | PSI |