

C5

Physical Productivity Report to THE STATE CORPORATION COMMISSION, Conservation Division, 212 N. Market, Wichita, Kansas

Producer's Name: *Thunderhead Oil Co. Roofe A 1*
 Lease Name: *W.C. Gray*
 Well No.: *McQueen*
 Pool: *Gray*
 County: *McQueen*
 Producing Horizon: *Narrow Sand*
 Pipe Line (Purchaser): *Rock*
 Taken: *1-5-82* Effective: *1-7-82* Sec: *7* Twp: *24* R: *29 E*
 Month Day 1982 Month Day 1982 Lease Description: *W*

15-069-20141-0000

| Tank No. | Size | Opening Gauge | | | | Barrels | Closing Gauge | | | | Barrels |
|---------------|------------|---------------|--------------|------------|-----|--------------|---------------|--------------|------------|-----|--------------|
| | | Time on: | | Time off: | | | Time on: | | Time off: | | |
| | | Oil Level | | B. S. & W. | | | Oil Level | | B. S. & W. | | |
| | | Ft. | In. | Ft. | In. | | Ft. | In. | Ft. | In. | |
| Gun Bbl. | | | | | | | | | | | |
| Settling Tank | | | | | | | | | | | |
| <i>Estek</i> | <i>200</i> | <i>3</i> | <i>9 1/2</i> | | | <i>76.07</i> | <i>4</i> | <i>9 1/2</i> | | | <i>96.08</i> |
| | | | | | | | | | | | <i>76.07</i> |
| | | | | | | | | | | | <i>2001</i> |

| Well Data | |
|---------------------|--|
| Top Prod. Horizon | <i>4760</i> Ft. Total Depth <i>4950 PB 4818</i> Ft. |
| Perforations | <i>4762</i> to <i>4766</i> Ft. |
| Size of Casing | <i>4 1/2</i> Set at <i>4863</i> Ft. |
| Size of Tubing | <i>2</i> Set at <i>4810</i> Ft. |
| Size of Pump | <i>1 1/2</i> Type <i>Dis</i> |
| Gravity of Oil | <i>32</i> Temp. <i>60' ex</i> |
| Percentage of Water | <i>30</i> Acid <i>1000</i> gal. Date <i>10-15-81</i> |

Total Bbls. Produced = *20* X 3 = *60* Productivity.

REMARKS: *Super Open*

SEALS and USES:

WITNESSING: We, the undersigned, personally witnessed the gauging periods as indicated by our signatures, and certify that they were taken according to the Commission's Rules.

| Gauge Witnesses | Opening Gauge | Closing Gauge |
|------------------|--------------------|--------------------|
| For Producer | <i>[Signature]</i> | <i>[Signature]</i> |
| For Offset Owner | <i>[Signature]</i> | <i>[Signature]</i> |
| For State | | |

Test Data

Temporary Permanent Field Special
 Flowing Swabbing Pumping
 Length of Stroke *44* In. S. P. M. *8*
 Pretest Information: *@-7E-7E*

Hours pumped *244*
 Bbls. Produced _____
 Tank Tables Used *1 67*
 Est. *1* (Bbls. per In.)
 Checked by: _____

| Well Location | | | |
|------------------|--|--|------------------|
| Ft. From W. Line | | | Ft. From N. Line |
| | | | |
| | | | |
| | | | |