

DOCKET NO. 3-67-249

ORDER NO. 10-67

O R D E R

This day, this cause came on for hearing before the Mississippi State Oil and Gas Board and the Board finding that due, legal and sufficient notice of this meeting and hearing of this docket has been given within the time, manner and form as prescribed by statute and the rules and regulations of this Board, and the Board further finding that legal and sufficient proofs of publication are on file with the Board and that it has full jurisdiction to hear and try this cause for the purpose of considering the petition and application of TEXACO Inc., on file in this Docket and the Board having received all evidence offered, having considered argument of counsel for and against adopting an order pursuant to said petition, further finds as follows:

1:

THE BOARD FINDS that the location of the J. H. Packwood Well No. 1, being 990 feet South and 1090 feet East of the NW/C of the SW $\frac{1}{4}$ of Section 14, Township 3 North, Range 11 East, Walthall County, Mississippi, is a regular statewide gas well location, and the drilling unit composed of the S $\frac{1}{2}$ of said Section 14, Township 3 North, Range 11 East, Walthall County, Mississippi, is a statewide regular gas drilling unit, and that there is no other well located on the above gas drilling unit, and no part of the said unit acreage is attributed in whole or in part to any other gas well.

2:

THE BOARD FINDS that the J. H. Packwood Well No. 1 has been drilled to a depth sufficient to penetrate the Upper Paluxy 12,950' Gas Pool and the Lower Paluxy 13,200' Gas Pool,

which pools and reservoirs for the purpose of this Petition are defined as follows:

The Upper Paluxy 12,950' Gas Pool is described as those strata productive of gas occurring in the Paluxy Formation between the depths of 12,955' or at -12,594' subsea and 13,020' or at -12,659' subsea as indicated on the Dual Induction-Laterolog on the Texaco #1 J. H. Packwood Unit, Section 14, T3N, R11E, Walthall County, Mississippi, or other strata productive of gas, correlative to this interval found in other wells.

The Lower Paluxy 13,200' Gas Pool is described as those strata productive of gas occurring in the Paluxy Formation between the depths of 13,225' or at -12,864' subsea and 13,450' or at -12,059' subsea as indicated on the Dual Induction-Laterolog on the Texaco #1 J. H. Packwood Unit, Section 14, T3N, R11E, Walthall County, Mississippi, or other strata productive of gas, correlative to this interval found in other wells.

3:

THE BOARD FINDS that the J. H. Packwood Well No. 1 is equipped, completed and will be produced in the following manner:

The J. H. Packwood Well No. 1 was drilled 990' South and 1090' East of the NW/4 of the SW $\frac{1}{4}$ of Section 14, T3N, R11E, Walthall County, Mississippi, TD 13,824', 7" OD Casing was run and set at 13,500'. Sufficient cement was used on the 7" casing to bring the cement top to 12,257'. The Upper and Lower Paluxy Zones are productive in the well and are completed as follows:

Upper Paluxy Pool was perforated 12,958-66' and 12,984-13,000' and was tested to flow at the rate of 2492 MCF GD through an 8/64" choke with a FTP 4704.

Lower Paluxy Pool was perforated 13,230-52' and was tested to flow at the rate of 1804 MCF GD through an 8/64" choke with a FTP 4115.

There is a Guiberson Model RH-2 Dual Packer set at 12,881' which secures the Upper Tubing and will thereby allow production from the Upper Paluxy Zone through the Upper Tubing. Set at 13,130' is a Baker Model "D" Packer which secures the Lower Tubing and will allow production from the Lower Paluxy Zone. This Baker Packer also separates the Upper from the Lower Paluxy Zones. The Upper Paluxy has perforations of 12,958-66' and 12,984-13,000', while the Lower Paluxy has perforations of 13,230-252'.

Surface installations will include an individual heater and from the heater the gas will flow to separate separators. The

gas leaving the separators will be individually metered from each well. After dehydration, the combined gas streams will be metered prior to delivery to market.

The above production system is similar to the facilities TEXACO Inc. operates in the Knoxo Field.

4:

THE BOARD FINDS that the dual completion and production method so stipulated above is a prudent operating practice, and such dual completion technique will result in the elimination of the drilling of unnecessary wells in said field, will prevent waste of strategic material, and it is a safe completion operation which will fully protect fresh water and hydrocarbon bearing formations and will thereby protect and enforce the co-equal and correlative rights of all owners.

NOW, THEREFORE, it is ordered that the gas drilling unit and the location thereof of the J. H. Packwood Well No. 1 are both in regular and full compliance with Statewide Rule No. 8; that TEXACO Inc. be and it is hereby authorized to produce the Upper Paluxy 12,950' Gas Pool through one string of tubing within said well, and the Lower Paluxy 13,200' Gas Pool through the other string of tubing, in the manner and under the methods hereinabove described; that a full allowable for said field is hereby allowed, the Board finding that the productive area of each of the above described gas pools completely underlies the above gas drilling unit composed of the said S $\frac{1}{2}$ of Section 14, Township 3 North, Range 11 East, Walthall County, Mississippi.

ORDERED, this 18th day of January, 1967.

MISSISSIPPI STATE OIL AND GAS BOARD

By Robert Edwin Farwell
Chairman