



# RAILROAD COMMISSION OF TEXAS

## HEARINGS DIVISION

**OIL AND GAS DOCKET NO. 7C-0295874**

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**THE APPLICATION OF WALSH & WATTS, INC. TO CONSOLIDATE THE FERRIS (HOPE 1550), FERRIS (KING 1650), AND FERRIS (KING SAND LOWER) FIELDS INTO THE PROPOSED FERRIS (CONSOLIDATED KING-HOPE) FIELD AND TO ADOPT FIELD RULES FOR THE PROPOSED FERRIS (CONSOLIDATED KING-HOPE) FIELD, MENARD COUNTY, TEXAS**

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**HEARD BY:** Peggy Laird – Technical Examiner  
Laura Miles-Valdez – Hearings Examiner

**HEARING DATE:** July 16, 2015  
**RECORD CLOSED:** October 5, 2015  
**CONFERENCE DATE:** February 3, 2016

**APPEARANCES:** Roland Baker  
Ryan Whitten (Observer)

**REPRESENTING:** Walsh & Watts, Inc.

### EXAMINER'S REPORT AND RECOMMENDATION

#### STATEMENT OF THE CASE

Walsh & Watts, Inc. ("W&W") requests the Ferris (Hope 1550), Ferris (King 1650), and Ferris (King Sand Lower) Fields be consolidated into a new field called the Ferris (Consolidated King-Hope) Field, and that field rules be adopted for the new field. W&W seeks the following provisions:

- Correlative interval from 1,515 feet to 1,700 feet;
- 330-foot lease line spacing and 660-foot between well spacing; and,
- 20-acre proration units.

The application is not protested. The Examiners recommend the fields be consolidated and the proposed field rules be adopted.

### DISCUSSION OF EVIDENCE

As reported, the Ferris (Hope 1550) Field was discovered in June, 1971, with the top of pay zone at 1,554 feet deep. The Ferris (King 1650) Field was discovered in March, 1967, with the top of pay zone at 1,656 feet deep, and the Ferris (King Sand Lower) Field was discovered in September, 1968, with the top of pay zone at 1,647 feet deep. W&W is the only operator in the fields. There are four leases and thirteen wells within the three fields. Of the thirteen wells, three are injection wells used for water flooding and ten are producing oil wells. The three fields have similar reservoir properties which include: (1) solution gas drive; (2) API gravity of 34; and (3) structure and stratigraphic trap. The Ferris (King 1650) is reported to have 18% porosity and permeability is 92 millidarcies.

W&W plans to waterflood the three current producing zones within the three fields, and produce all three zones at once. To achieve their goals, W&W anticipates drilling new wells within their lease boundaries to further develop the newly consolidated field.

W&W proposes a correlative interval for the Ferris (Consolidated King-Hope) Field from 1,515 feet to 1,700 feet based on the log of the Sun Oil Company, E.G. Wilkinson No. 5 Well (API No. 42-327-10242), J.H. Gibson Survey #1, Menard County, Texas.

All three fields are currently under Statewide Rules with 467-foot lease-line spacing and 1,200-foot well spacing. Proration units are currently 40 acres with 20-acre tolerance. The proposed 20-acre proration units, and spacing requirement of 330/660 feet should allow W&W to continue development of the field, increase production, and extend the life of the field.

### FINDINGS OF FACT

1. Notice of this hearing was given to all parties entitled to notice at least ten days prior to the date of hearing.
2. The Ferris (Hope 1550) Field was discovered in June, 1971, with the top of pay zone at 1,554 feet deep. The Ferris (King 1650) Field was discovered in March, 1967, with the top of pay zone at 1,656 feet deep, and the Ferris (King Sand Lower) Field was discovered in September, 1968, with the top of pay zone at 1,647 feet deep.
3. There are four leases and thirteen wells within the three fields. Of the thirteen wells, three are injection wells used for water flooding and ten are producing oil wells.
4. The three fields have similar reservoir properties which include: (1) solution gas drive; (2) API gravity of 34; and (3) structure and stratigraphic trap. The

Ferris (King 1650) is reported to have 18% porosity and permeability is 92 millidarcies.

5. All three fields are currently under Statewide Rules with 467-foot lease-line spacing and 1,200-foot well spacing. Proration units are currently 40 acres with 20-acre tolerance.

**CONCLUSIONS OF LAW**

1. Resolution of the subject application is a matter committed to the jurisdiction of the Railroad Commission of Texas. Tex. Nat. Res. Code § 81.051
2. All notice requirements have been satisfied. 16 Tex. Admin. Code § 1.45
3. The requested field consolidation and field rules will prevent waste, protect correlative rights, and promote the orderly development of the field.

**RECOMMENDATION**

Based on the above findings of fact and conclusions of law, the Examiners recommend the Ferris (Hope 1550), ID No. 30720200, the Ferris (King 1650), ID No. 30720600, and Ferris (King Sand Lower), ID No. 30720400, Fields be consolidated into a new field called the Ferris (Consolidated King-Hope) Field, and that field rules be adopted for the new field, as requested by Walsh & Watts.

Respectfully submitted,



Peggy Laird  
Technical Examiner



Laura Miles-Valdez  
Hearings Examiner