

W-4

APPLICATION FOR DUAL COMPLETION
IN THE Andrews FIELD

(To be filed with Railroad Commission, Oil & Gas Division,
Tribune Building, Austin, Texas)

Date: 5-26-65

Field Name: Andrews, South (Wolfcamp) (08273)

County: Andrews RRC Dist.: 8
(11887)

Operator: Shell Oil Company Lease: University "E" Well No.: 1

1. Are the reservoirs herein requested to be used for dual completion presently recognized by the Commission as separate reservoirs as the result of prior applications for permission to dually complete? Yes

a. If answer to above question is "No", all operators in the field must be furnished a copy of this application.

2. Identify one instance (operator, lease, well number) wherein the Commission granted dual completion involving these same two zones in this field. Shell Oil Company
University "E" 3

3. The following facts submitted:

	Upper Zone	Lower Zone
a. Name of reservoir	<u>Wolfcamp</u>	<u>Devonian</u>
b. Top of Pay Section	<u>8785</u>	<u>10,830</u>
c. Bottom of Pay Section	<u>9154</u>	<u>12,213</u>
d. Perforations	<u>8951-8968 4/ft</u> <u>9018-9022 4/ft</u>	<u>10,882, 10,895, 10,904, 10,930,</u> <u>10,949, 10,972, 10,991, 11,018,</u>
e. Type of Production (Oil or Gas)	<u>Oil</u>	<u>11,032, 11,076, 11,083 (11 hole</u> <u>Oil</u>

4. The following are attached. (Please mark YES or NO)

- a. Electrical log with tops and bottoms of producing zones and perforated intervals shown and marked No - later.
- b. Affidavit of Packer Setting No - later.
- c. Diagrammatic Sketch of Dual Completion Installation No - later.
- d. Packer Leakage Test No - later.

5. List all offset operators to the lease on which this well is located together with their correct mailing address. If Item 1 a. above is applicable have all operators in field been furnished a copy of this application?

Humble Oil & Refining Company; P.O. Box 1897; Andrews, Texas
Tamco, Inc.; P.O. Box 1270; Midland, Texas

6. Have each of these operators listed in Item 5 above been furnished a copy of this application? Yes Give date furnished 5-26-65

7. Are letters waiving notice of hearing from each of the above offset operators attached? No

8. In lieu of waivers, are copies of letters requesting such waiver from each of these offset operators attached? No

9. Is this a regular location with respect to both zones? Yes

10. If the answer to Item 9 is "No", has a Rule 37 Hearing been held on zones affected by such rule? - State Rule 37 case number -

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11. Is the fluid produced from either of these zones conducive to corrosion to the extent that any resulting corrosion will damage tubing or casing? No

Shell Oil Company

Operator

By

R. M. Carroll, Jr.

THE STATE OF TEXAS

COUNTY OF

Midland

BEFORE ME, The undersigned authority, on this day personally appeared R. M. Carroll, Jr. known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein and that said report is true and correct.

SUBSCRIBED AND SWORN To before me, this the 26 day of May, 1965

B. J. Goodrich
Notary Public in and for

Midland
County, Texas

INSTRUCTIONS

- Item 2. a. The name of reservoir should correspond to reservoir nomenclature as outline in above order and field rules.
- Item 4. b., c., and d. These forms may be secured at nearest Commission District Office or the Commission's Austin Office.
- Item 7. Request for waiver must contain the following:
- a. Operator, lease, and well number involved.
 - b. Copy of application for dual completion.
 - c. Date application will be mailed to the Commission's Austin Office.

Should all necessary waivers not accompany application, the Engineering Department of the Commission shall hold such application for a period of ten (10) days from date of receipt in the Austin Office. If, after said ten (10) day period, no protest or request for hearing is received in the Austin Office, the application will then be processed.

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DIAGRAMMATIC SKETCH SHOWING DUAL COMPLETION INSTALLATION

2 1/16" (LT) tubing Devonian

1 1/2" (UT) tubing Wolfcamp

Top at **8785** feet

Upper
Zone

NAME: **Andrews, South (Wolfcamp)**
Completion this zone

Baker Model
J @ 8889

8951-8968 4/ft
9018-9022 4/ft
This zone produced
through

Bottom of tubing at **8889** feet

Bottom at **9154** feet

Baker Model N
Packer set at **@ 10,000** feet

Bottom of tubing at **10,000** feet

Top at **10,830** feet

NAME: **Andrews, South (Devonian)**
Completion this zone

Perforated: **10,882-11,085** feet
This zone produced
through

Bottom at **12,213** feet

Casing set at **12,610** feet
Well total depth **12,618** feet
PBTD **11,700**

DATE: **8-20-65**

Andrews, South (Wolfcamp)

FIELD: **Andrews, South (Devonian)** COUNTY **Andrews**

R. R. C. Dist. **8**

OPERATOR: **Shell Oil Company**

LEASE **University "E" (11887)**

WELL NO. **1 - L**