

42-003-30867

TEAL PETROLEUM COMPANY

405 WALL TOWERS EAST - MIDLAND, TEXAS 79701

915 683-4793

SUBSIDIARY OF
W. R. GRACE & CO.

June 17, 1976

UNIVERSITY LANDS	
APPROVED	
ANSWERED	FILE
REC'D JUN 21 1976	
REFER TO	
PLEASE ANSWER	
READ AND RETURN	

Railroad Commission of Texas
Oil & Gas Division
Drawer 12967, Capitol Station
Austin, Texas 78711

Re: Request for Administrative Approval
Exception to Statewide Rule 10 and
the Assignment of a Yardstick
Allowable for Teal Petroleum Company
University "BC" #6, Fasken (Wolfcamp)
and Andrews, South (Wolfcamp) Fields
Andrews County, Texas
Railroad Commission District 8

Gentlemen:

Teal Petroleum Company respectfully requests administrative approval of an exception to Statewide Rule 10 and the assignment of a yardstick allowable up to a maximum of 182 bbls. of oil per day for subject well. An exception to Statewide Rule 10 and yardstick allowable has previously been granted to Shell Oil Company to commingle the Fasken (Wolfcamp), Andrews, South (Wolfcamp) and Andrews, South (Devonian) zones in University "A" #2 (RRC 00257).

Teal's State University "BC" #6 was initially completed in the Andrews, South (Wolfcamp) Field, Wolfcamp formation on 5-15-76. Production rapidly declined from the original potential of 71 BOPD to 17 BOPD. The Fasken Wolfcamp was perforated 6-11-76. (Temp. P.B. to 8541'). RRC approval for P.B. was received 6-3-76. The Fasken formation potentialized 84 BOPD (W-2 attached). Production had decreased to 69 BOPD as of 6-17-76. By commingling the two zones, a stabilized production of 60 BOPD is expected.

By commingling the two zones downhole, it will increase the ultimate recovery and extend its economic life. This will promote conservation and prevent waste of crude petroleum and natural gas.

In conjunction with this application, we recommend that approval be restricted as follows:

1. Limit production to a maximum yardstick allowable of 182 bbls. of oil per day. This is top yardstick of the Fasken (Wolfcamp) Zone.
2. Assign the allowable and allocate the commingled production to the Fasken (Wolfcamp) Field.
3. If required, Teal agrees to resegment the two reservoirs if and when secondary recovery operations begin.

Royalty interest ownership is common for both producing zones under the lease, and correlative rights will be protected.

Migration of oil between zones is not anticipated because the fluid level will be maintained at a pumped-down level.

Attachment I lists the pertinent data for the subject well. Attachment II is a plat showing the location of the subject well. Attachment III is a list of offset operators.

This request, with attachment, is also being submitted to the Geologist in Charge, University Lands.

Yours very truly,



Douglas W. Rice
District Engineer

DWR/sc

Attachments

cc - Railroad Commission of Texas
District 8
Oil & Gas Division
P. O. Box 2110
Midland, Texas 79701

Geologist in Charge
University Lands
P.O. Box 553
Midland, Texas 79701

Offset Operators

TEAL PETROLEUM COMPANY
WELL DATA FOR DOWNHOLE COMMINGLING
ANDREWS, SOUTH (WOLFCAMP) AND FASKEN (WOLFCAMP)
ANDREWS COUNTY, TEXAS

STATE UNIVERSITY "BC" LEASE WELL NO. 6

	<u>FASKEN WOLFCAMP</u>	<u>SOUTH WOLFCAMP</u>
Completion Interval	8419-8440	8664-8775
Completion Date	6-14-76	5-15-76
Initial Potential Test	84	71
Completion Stimulation: Acid	500 Gals 15% NE HCL	1500 Gals 15 % NE HCL
Latest Well Test 6-15-76 BO	69	17
BW	20	5
Current Allowable	W-2 Attached	71
Cumulative Production to 6-17-76 Oil, Bbls.	182	678
Additional Calculated Reserves with Downhole Commingling		10,800 BO
<u>BHP Data</u> Original	3550	3735
Current	600 Est.	500 Est.