

SHELL OIL COMPANY

PETROLEUM BUILDING
P.O. BOX 1509
MIDLAND, TEXAS 79702

February 23, 1979

Subject: Application for Exception to
Commission Rule 30B-A

OIL CONSERVATION DIVISION
SANTA FE

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Gentlemen:

Shell Oil Company hereby makes application for administrative approval to surface commingle the Queen and Grayburg zones of the Foster Lease.

The API gravity of the Grayburg crude is 32.5°. The Queen gravity is 34.3° API. There should be no change in actual commercial value of the production as a result of this commingling.

Since the zones are not capable of top allowable production, we propose to commingle without separately metering the production of each pool. Allocation will be made by periodic well tests as required by the Commission.

A lease plat, a schematic diagram of the installation and a tabulation of production by well on the lease for the months of November and December 1978, are attached for your consideration. If additional information is required, please contact J. M. Munn of this office.

Yours very truly,

W. T. Weller, Jr.

For: W. T. Weller, Jr.
Operations Manager-Midland
Mid-Continent Division

JMM:LA

Attachments

FORM NO. 1
COMMINGLING BY
POOL OR LEASE

SHELL OIL COMPANY
COMMINGLING REQUEST FORM
FOR THE
STATE OF NEW MEXICO
OIL CONSERVATION
COMMISSION

APPLICATION FOR EXCEPTION TO COMMISSION RULE 303 AND/OR 309B

1. Operator SHELL OIL COMPANY		5. Commission Dist. No.		
2. Address P. O. BOX 1509		6. County Lea		
3. City MIDLAND		4. State TEXAS		7. Date of Application 2/22/79
8. Identification of leases and pools as shown on statewide oil proration				
9. Field Name	Lease Name	Pool (Zone) Name	API Gravity Range	Lease Location S-T-R
Monument	Foster	Grayburg	32.5°	34-19S-36E
Eumont	Foster	Queen	34.3°	34-19S-36E

10. ☒ Request for exception to Rule 303 (segregation of production from pools)
11. ☐ Request for exception to Rule 309B (lease commingling)
12. POOL COMMINGLING (exception to Rule 303) 1.) Lease plat (required)
2.) Schematic of commingling (required)
13. Commingled royalty interest are the same ☒ Yes ☐ No
14. Are producing zones marginal or top allowable ☒ Marginal-see (a.) below
☐ Top allowable
- (a.) If producing zones are not capable of producing top unit allowable for their respective pools, commingling will be permitted without separately measuring the production from each pool. A 60-day period tabulation of production showing that the average daily production has been below top allowable for the subject pools.
15. Allocation of production from well zones will be by ☒ Periodic well test ☐ All zones metered ☐ All zones metered & sampled ☐ All zones except one separately metered - subtraction method
16. Will the commingling of zones or pools decrease revenue due to API gravity change ☐ Yes ☒ No
17. If answer to (16.) is "Yes" state how much less.

18. Are Federal lands involved ☐ Yes ☒ No
19. If answer to (18.) is "Yes" furnish an approval letter from the Commissioner of Public Lands for the State of New Mexico or the Regional Supervisor of the United States Department of the Interior Geological Survey stating approval of the proposed commingling.
20. LEASE COMMINGLING (exception to Rule 309A)
- 20a. 1.) Lease plat required
2.) Schematic diagram of the commingling facility
21. All production is from the same common source of supply or ☐ exception to Rule 303(a) has been obtained ☐ Yes ☐ No
22. If answer to (21.) is "Yes" show acceptance letter date and commission order number _____
23. Allocation of production ☐ Monthly well test ☐ All zones metered ☐ All zones metered & sampled ☐ All zones except one separately metered - subtraction method

RECEIVED
FEB 27 1979
OIL CONSERVATION DIVISION
SANTA FE

24. All parties owning an interest in the Leases and the purchaser of the commingled production have consented in writing to the commingling of production from the separate leases. ☐ Yes ☒ No

25. If answer to (24.) is "No," Explain

26. Name and address of gatherer Tex.-New Mex. Pipe Line, P.O.Box 52332, Houston, TX 77052

27. Signature R. J. Goemen Title Production Superintendent

Commingling

Permit Number _____ Approval Date _____ Approved by _____

PRODUCTION HISTORY
FOSTER LEASE
MONUMENT/EUMONT FIELD
LEA COUNTY, NEW MEXICO

<u>Pool</u>	<u>Well No.</u>	<u>Bbls. Oil</u>	<u>Bbls. Wtr.</u>	<u>MCF Gas</u>	<u>No. Days</u>
<u>NOVEMBER</u>					
Grayburg	1	64	100	1115	30
Queen	2	42	2	8143	30
<u>DECEMBER</u>					
Grayburg	1	90	171	1023	31
Queen	2	49	1	6544	31

Amos Parsons Est

H.B.P.

State-

Gulf
H.B.P.

R-36-E

Amerada
H.B.P.

Rosler & Shelton
H.B.P.

JW Smith

34

Amerada
H.B.P.

Gaither

Shell
N.M. 333
160 Ac.
P.D.S.
H.B.P.

2

1

J. A. Foster

Sinclair
H.B.P.

35

Selby &

C.W. Weir

4

Continental
H.B.P.
"A-3"

3

H.S. Moss
H.B.P.

2

Reed

1

Amerada
H.B.P.

4

Amerada
H.B.P.

3

C.H. Weir

Union Tex. Pet. Corp.
H.B.P.
"A"

Amerada
H.B.P.
"M"

3

SHELL OIL
COMPANY

WESTERN E & P REGION
MID-CONTINENT DIVISION

PRODUCTION
DEPARTMENT

J. A. FOSTER LSE.
MONUMENT FIELD
LEA CO, N. M.

By: JMM

Date: 11-27-78

Scale: 1" = 1000'

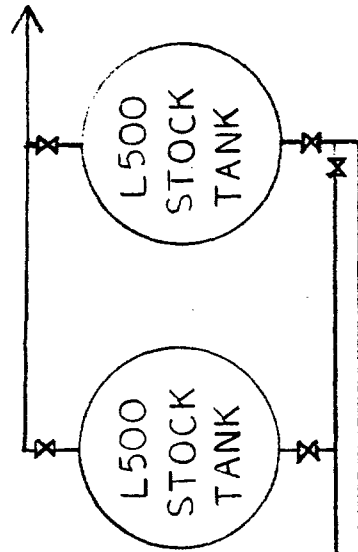
No:

WARREN PETRO.
CORP.
GAS SALES

← WATER TO S.W.D.

HEAT
TREAT

TEX - NEW MEX
PIPE LINE
OIL SALES



SHELL OIL COMPANY	WESTERN E & P REGION MID-CONTINENT DIVISION	PRODUCTION DEPARTMENT
----------------------	--	--------------------------

FOSTER LEASE

MONUMENT - EUMONT FIELD

LEA COUNTY, N. M.

By: JMM	Date: 2-15-79
Scale: NONE	Mei:

NO. NO.
1 2