

SHELL OIL COMPANY

PETROLEUM BUILDING
P.O. BOX 1509
MIDLAND, TEXAS 79701

March 27, 1978

Subject: Application for Exception
to Commission Rule 303-A

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

Gentlemen:

Shell Oil Company hereby makes application for administrative approval to surface commingle the Tubb, Blinbry and Drinkard zones of the State Section 15 Lease. This application is made in conjunction with and directly resultant of a downhole commingling request for the State Section 15-1 well, T-21-S, R-37-E, Lea County, New Mexico.

The API gravities of the different crudes range from 36 to 41. 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 of 1977 are attached for your consideration. If additional information is requested, please contact J. M. Munn of this office.

Yours very truly,

R. J. Goenen

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

JMM:JAH

Attachments

T-21-S

R-37-E

Gu^hman

Continental, et al

J H Nolan

Moran 1/2
Argo 1/4
NM-1302 1/4
PDS
D²c
1442 ⊕ +34

Moran 1/8 A
NM 1302 1/4
NM-1596 3/8
PDS

D²c
3412 ⊕

M W Coll

J.R. Cone

J.R Eubank

Tidewater

3459 ⊕ c +42
Blinbery Tubbs
Gas Unit
3463 ⊕ D³c +39

Tide Water
"S"
D⁹c
3452 ⊕

10 1 ST
3458 ⊕ D¹c +40
3470 ⊕ D¹c +45

2
3463 ⊕ D¹c +40
3467 ⊕ D¹c +40
State

Tide Water
+44 S
T²c
3456 ⊕ D¹c +40
3459 ⊕ D¹c +40

D³c
3450 ⊕ +48

D⁸c
3455 ⊕

3458 ⊕ A⁴ +46
3459 ⊕ D¹c +41

Cities Service
"S"

A⁴ +33
3463 ⊕ D¹c +29
3467 ⊕ D¹c +29

3447 ⊕ D¹c +32
3448 ⊕ D¹c +32

NM 1199
80 Ac
PDS

3441 ⊕ D¹c +38
3439 ⊕ D¹c +39

3440 ⊕ D¹c +37

3431 ⊕ D¹c +26

3440 ⊕ D¹c +30

3412 ⊕ D¹c

NM 1195
320 Ac
PDS

3430 ⊕ D¹c +24
3444 ⊕ D¹c +28
3453 ⊕ D¹c +28

3449 ⊕ D¹c +25
3445 ⊕ D¹c +25

3441 ⊕ D¹c +24

Marathon
"C"

3428 ⊕ D¹c +25
3435 ⊕ D¹c +25
3430 ⊕ D¹c +25

3427 ⊕ D¹c +21

3426 ⊕ D¹c +21

3420 ⊕ D¹c +25

3421 ⊕ D¹c +24

3412 ⊕ D¹c +27

3424 ⊕ D¹c +27

3417 ⊕ D¹c +17

3414 ⊕ D¹c +17

L G Warlick

Gulf

3424 ⊕ D¹c +24
3424 ⊕ D¹c +24

3417 ⊕ D¹c +37

3412 ⊕ D¹c +36

3411 ⊕ D¹c +36

3403 ⊕ D¹c +36

NM 1195
320 Ac
PDS
"A"

3434 ⊕ D¹c +37
3429 ⊕ D¹c +37

3428 ⊕ D¹c +28
3429 ⊕ D¹c +37

3439 ⊕ D¹c +35
3438 ⊕ D¹c +35

3431 ⊕ D¹c +51

3432 ⊕ D¹c +45
3425 ⊕ D¹c +45

3425 ⊕ D¹c +48
3426 ⊕ D¹c +48

3431 ⊕ D¹c +51
A-go Corp

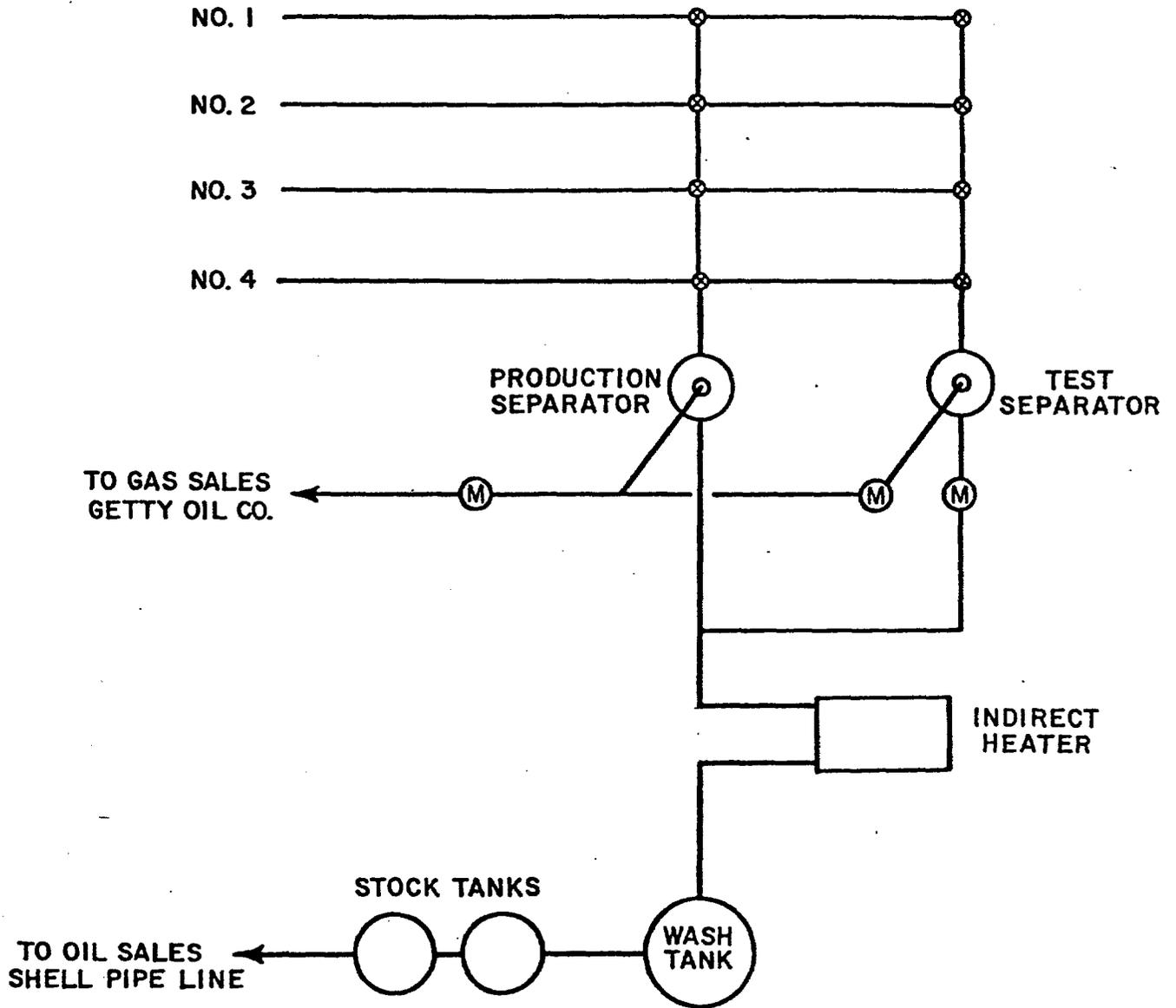
NM 1196
320 Ac
PDS

3423 ⊕ D¹c +62
3423 ⊕ D¹c +62

22

SHELL OIL COMPANY	WESTERN E & P REGION MID-CONTINENT DIVISION	PRODUCTION DEPARTMENT
STATE SEC. 15 LSE. DRINKARD FIELD LEA CO. N.M.		
By: J.M.M.	Date: 1-3-78	
Scale: 1" = 2000'	Map:	

STATE SEC. 15



Ⓜ = METER

SHELL OIL COMPANY	WESTERN E & P REGION MID-CONTINENT DIVISION	PRODUCTION
STATE SEC. 15 BATTERY DRINKARD FIELD LEA COUNTY, NEW MEXICO		
By: M. MUNN	Date: 1-13-78	
Scale: NONE	No.	

PRODUCTION HISTORY
 STATE SECTION 15
 DRINKARD FIELD
LEA COUNTY, NEW MEXICO

<u>Pool</u>	<u>Well No.</u>	<u>Bbls. Oil Produced</u>	<u>Water Bbls.</u>	<u>MCF Gas Produced</u>	<u>No. Days Produced</u>
<u>November, 1977</u>					
Blinebry	2	147	5	8549	30
Blinebry	3	329	6	12600	30
Drinkard	4	121	6	11222	30
Tubb	1	159	2	7900	30
Drinkard*	1	0	0	0	--
<u>December, 1977</u>					
Blinebry	2	155	6	7541	31
Blinebry	3	348	6	11585	31
Drinkard	4	129	6	13996	31
Tubb	1	157	2	7634	31
Drinkard*	1	0	0	0	--

*Last tested 6/77: 8 Bbl. Oil/Day
 1 Bbl. Water/Day
 96 Bbl. Gas/Day

Application to downhole commingle Tubb & Drinkard formations in Well #1 has been made.

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

APPLICATION FOR EXCEPTION TO COMMISSION RULE 303a AND/OR 309A

1. Operator SHELL OIL COMPANY		5. Commission Dist. No.		
2. Address P. O. BOX 1810		6. County		
3. City MIDLAND	4. State TEXAS	7. Date of Application 2-1-78		
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
Drinkard	State Sec. 15	Tubb	38.0	15-21S-37E
Drinkard	" " "	Drinkard	40.2	15-21S-37E
Drinkard	" " "	Blinebry	36.1	15-21S-37E

10 Request for exception to Rule 303a (segregation of production from pools)

11 Request for exception to Rule 309A (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 or State 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 an 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 leases metered All leases metered & sampled All leases except one separately metered - subtraction method

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 Shell Pipe Line Corp. P. O. Box 1910, Midland, TX 79701

27. Signature R. J. Coenen Title Production Superintendent

Commingling permit number _____ Approval date _____

Approved by _____

State of New Mexico



Commissioner of Public Lands

PHIL R. LUCERO
COMMISSIONER

February 8, 1978

P. O. BOX 1148
SANTA FE, NEW MEXICO 87501

Shell Oil Company
P. O. Box 1509
Midland, Texas 79701

Re: Zone Commingling of State Sec. 15-
Tubb, Blinebry and Drinkard
Sec. 15, T-21-S, R-37-E

ATTENTION: Mr. W. T. Weller, Jr.

Gentlemen:

As per your request of February 2, 1978, you are hereby authorized to commingle the Tubb, Drinkard and Blinebry Zones of the State Section 15 Lease.

This approval is subject to like approval by the New Mexico Oil Conservation Commission.

Your Ten (\$10.00) Dollar filing fee has been received.

Very truly yours,

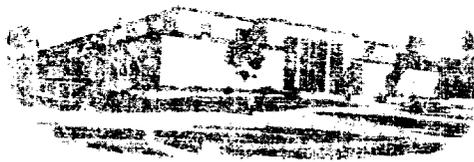
PHIL R. LUCERO
COMMISSIONER OF PUBLIC LANDS

BY:
RAY D. GRAHAM, Director
Oil and Gas Division

PRL/RDG/s
encl.
cc:

New Mexico Oil Conservation Commission
New Mexico Oil and Gas Accounting Commission
State Lease B-9188-3

State of New Mexico



Commissioner of Lands

PHILIP R. LUCERO
COMMISSIONER

PHILIP R. LUCERO
COMMISSIONER