

# SHELL OIL COMPANY

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

March 9, 1979

Subject: Application for Exception to  
Commission Rule 303-A  
S. J. Sarkeys Lease  
Drinkard Field  
SW/4 of Sec. 23, T-21-S, R-36-E  
Lea County, New Mexico

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, Blinebry and Drinkard zones of the Sarkeys Lease.

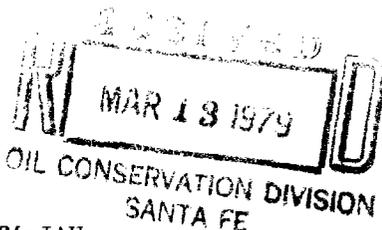
The API gravity of the different crudes are as follows:

Tubb - 43.7° API  
Blinebry - 37.1° API  
Drinkard - 35.8° API

There shall be no change in actual commercial value of the production as a result of the 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 December 1978 and January 1979 are attached for your consideration. If additional information is required, please contact J. M. Munn of this office.



JMM:JAH

Yours very truly,

*R. J. Goenen*

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

Attachments

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  
 2. Address P. O. BOX 991  
 3. City HOUSTON 4. State TEXAS  
 5. Commission Dist. No.  
 6. County LEA  
 7. Date of Application 3/5/79

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
Drinkard	S. J. Sarkeys	Blinebry	37.1°	Sec. 23, T-21-S, R-36-E
Drinkard	S. J. Sarkeys	Drinkard	35.8°	Sec. 23, T-21-S, R-36-E
Drinkard	S. J. Sarkeys	Tubb	43.7°	Sec. 23, T-21-S, R-36-E

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.

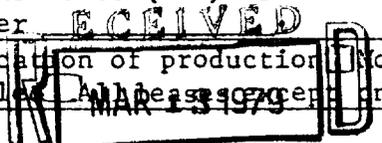
20. LEASE COMMINGLING (exception to Rule 309A)

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, P. O. Box 1910, Midland, TX 79702

27. Signature R. J. Goeman Title Division Production Superintendent

Commingling permit number \_\_\_\_\_ Approval date \_\_\_\_\_

Approved by \_\_\_\_\_

PRODUCTION HISTORY  
S. J. SARKEYS LEASE  
DRINKARD 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>December</u>					
Blinebry	1	645	25	12,461	31
Drinkard	1	90	2	8,559	31
Blinebry	2	97	11	24,774	31
Tubb	2	129	14	6,999	31
Drinkard	2	159	9	2,728	31
Drinkard	3	103	2	3,032	31
Blinebry	4	229	8	8,500	31
Drinkard	4	108	5	3,225	31
<u>January</u>					
Blinebry	1	637	23	13,441	31
Drinkard	1	92	2	8,272	31
Blinebry	2	83	10	23,952	31
Tubb	2	107	10	6,290	30
Drinkard	2	161	9	2,717	31
Drinkard	3	104	2	2,965	31
Blinebry	4	242	7	7,922	31
Drinkard	4	93	4	3,168	31

T-21-S

R-37-E

14 15

22 23

23

SHELL

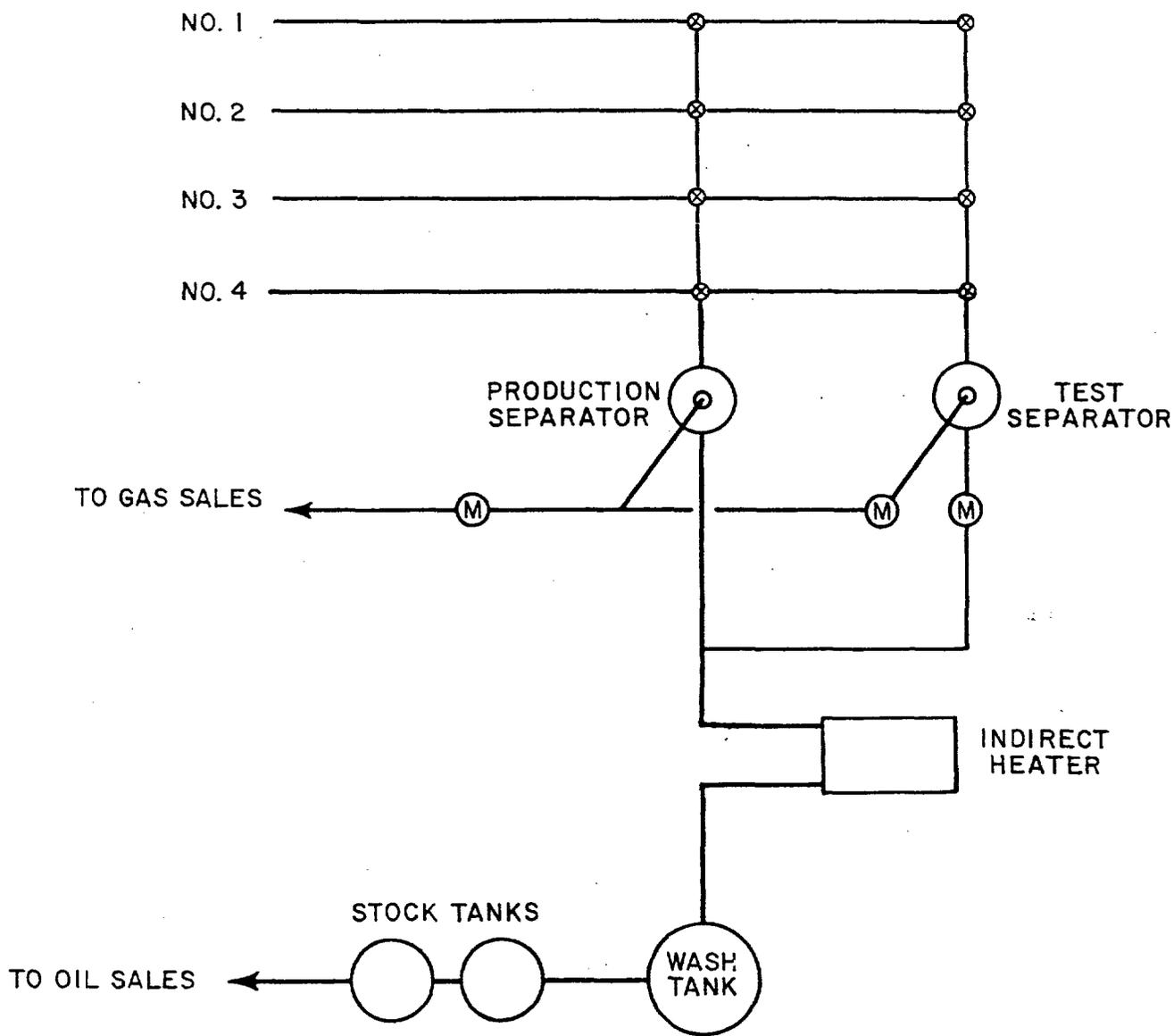


● - BLINEBRY & DRINKARD PRODUCER

⊙ - TUBB, BLINEBRY & DRINKARD  
PRODUCER

SHELL OIL Co.  
S. J. SARKEYS LEASE  
LEA COUNTY, N. M.

SCALE 1" = 1000'



Ⓜ = METER

SHELL OIL COMPANY	WESTERN E & P REGION MID-CONTINENT DIVISION	PRODUCTION
S. J. SARKEYS BATTERY DRINKARD FIELD LEA COUNTY, NEW MEXICO		
By: <u>M. MUNN</u>	Date: <u>1-13-78</u>	
Scale: <u>NONE</u>	No. _____	