



PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP
Permian Basin Region

January 19, 1994

DIVISION

10 11

Handwritten notes:
100% Atoka Pool
5/2 for 26
100% West Ranger Lake
12 for 26

**Re: Surface Commingling
Ranger Well No. 17
West Ranger Lake (Devonian) Pool
Ranger Well No. 20
Undesignated Atoka Pool
LEA COUNTY, NEW MEXICO**

State of New Mexico
Energy and Minerals Natural Resources Department
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87504-2088

Gentlemen:

Phillips Petroleum Company requests your approval to surface commingle the condensate from the Ranger Well Number 17 in the proposed undesignated Atoka Pool and Ranger Well Number 20 in the West Ranger Lake (Devonian) Pool.

Attached is the following required information:

1. Lease Plat
2. Tank Battery Schematic
3. Gravity and Value of Commingled Production

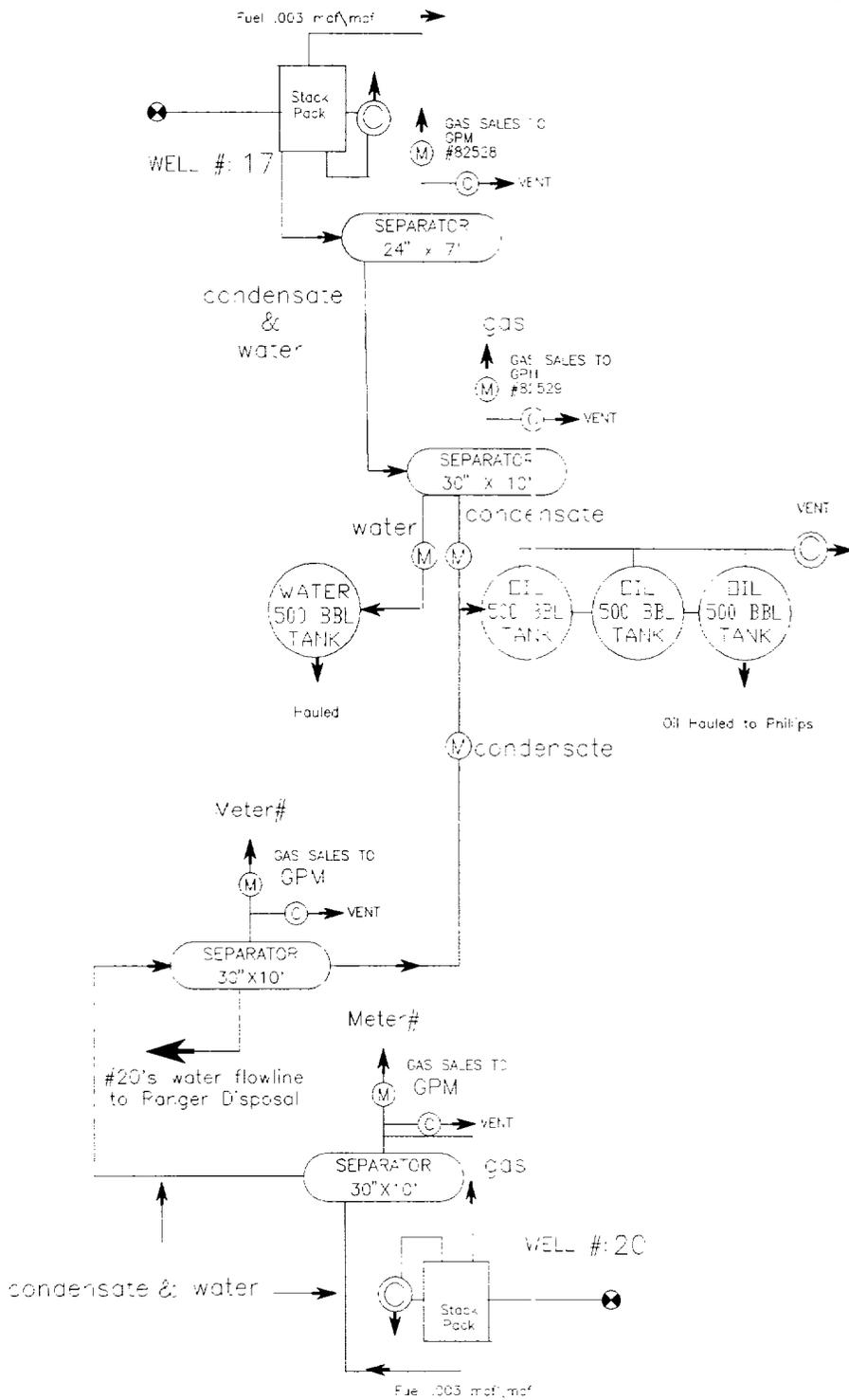
Phillips has 100 percent ownership of these wells and production will be metered individually. Amoco Pipeline Company is the condensate transporter and GPM Gas Corporation is the gas transporter.

Please advise me at (915) 368-1488 if you have any questions.

Sincerely,

L. M. Sanders, Supervisor
Regulatory Affairs

LMS:AF:ehg
Attachments



| NO. | REVISION | BY | DATE | CHK'D | APP'D |
|----------------|---|----------|-----------|-----------------|-------|
| FOR BIDD |  PHILLIPS PETROLEUM COMPANY BARTLESVILLE, OKLAHOMA  | J.A. NO. | FILE CODE | | |
| FOR APPR | | AFE NO. | SCALE | | |
| FOR CONCT | | | NO | | |
| DRAWN DATE INT | LEASE NAME: RANGER #17 & #20 | | | DWG NO. DRAWING | |
| CHECKED | LEASE CODE: 600069 | | | SH NO. | |
| APP'D | Corringle-Application | | | | |

RANGER LEASE- SURFACE COMMINGLE APPLICATION

| FORMATION | PRODUCTION (BBL/DAY) | GRAVITY API (@ 60 F) | PRICE (\$)/BBL | VALUE (\$) |
|-----------|-------------------------|-------------------------|-------------------|---------------|
| DEVONIAN | 70 | 49.5 | 16.50 | 1,155 |
| ATOKA | 20* | 47.0* | 16.50 | 330 |
| COMMINGLE | 90 | 49.0 | 16.50 | 1,485 |

*Volumes and gravity are estimates only for the Atoka.

Phillips Petroleum will be paid the same price for the Devonian and the Atoka condensate. No value will be lost when the condensate is surface commingled.

Ranger Well Nos 17 and 20 are currently both gas wells in the Devonian formation. Their liquids are commingled in common tankage. Due to water influx, the No. 17 has been SI. If approval is granted to produce the Atoka in the No. 17, the condensate would be commingled for testing/producti:on purposes with the No. 20 Devonian condensate.

-103°31'00"

-103°30'00"

-103°28'00"

-103°27'00"

33°18'00"

33°18'00"

33°16'00"

33°16'00"

33°14'00"

33°14'00"

33°13'00"

33°13'00"

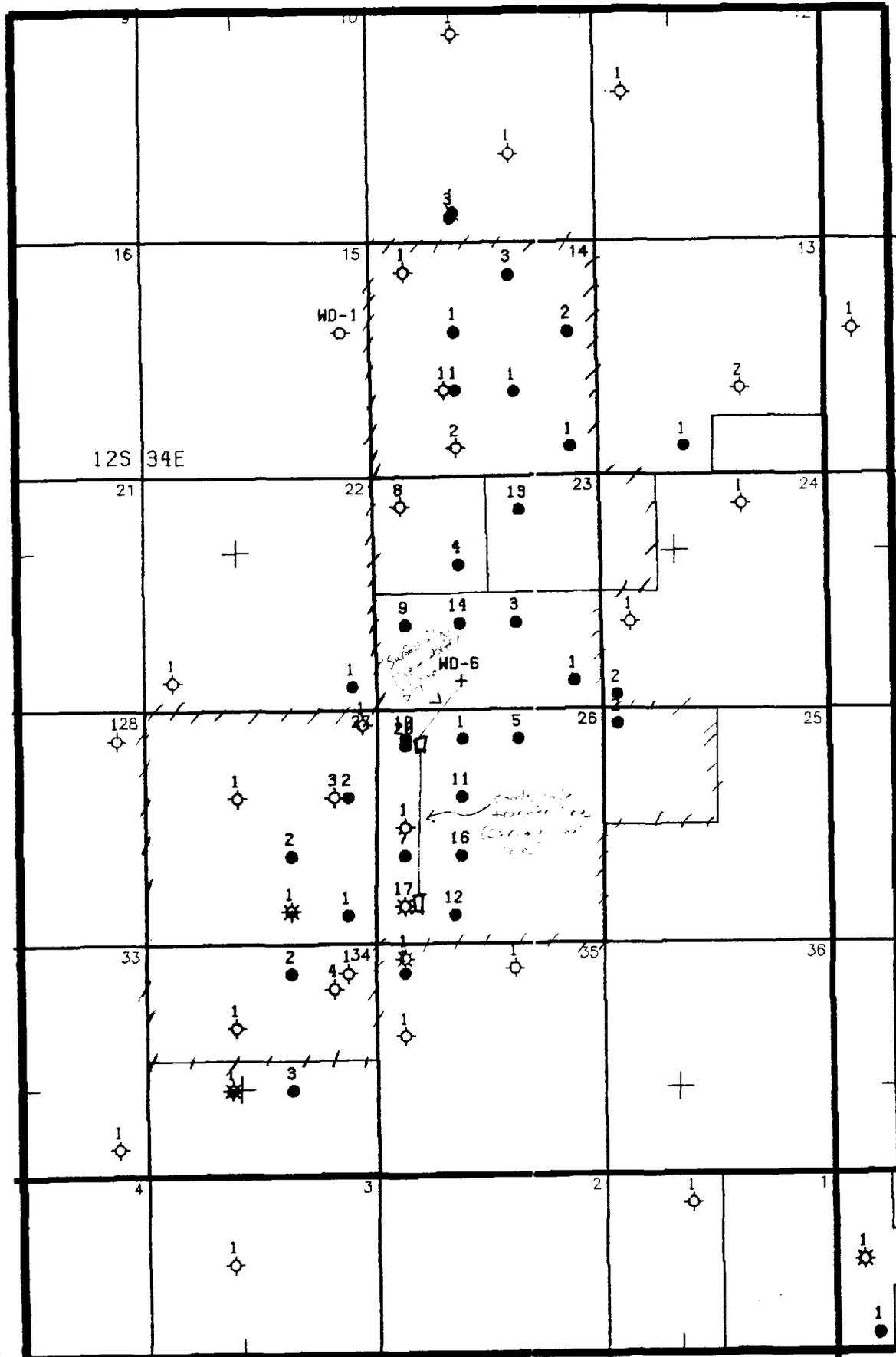
-103°31'00"

-103°30'00"

Tanks are at -103°28'00"

-103°27'00"

#17 Interact Stack pack, Separators are at each



COMMINGLE PRE-APPLICATION

STATE LAND OFFICE RULES 1.053-1.055 APPLY TO COMMINGLING OIL AND GAS PRODUCTION FROM NEW MEXICO STATE LANDS. PLEASE PROVIDE THE FOLLOWING INFORMATION SO THAT WE CAN DETERMINE WHETHER OR NOT A COMMINGLE APPLICATION PACKAGE SHOULD BE SUBMITTED.

1. BRIEFLY DESCRIBE WHAT YOU PROPOSE TO DO.

Commingle condensate production from the Ranger #20 in the West Ranger Lake
(Devonian) Pool and Ranger #17 in the proposed Undesignated (Atoka) Pool.
Ranger #17 is currently shut in from the West Ranger Lake (Devonian) Pool.
Gas production is not commingled. Condensate will be metered individually
for each well.

2. FILL IN THE FOLLOWING INFORMATION FOR EACH WELL.

| WELL NUMBER | LEGAL DESCRIPTION | LESSEE OF RECORD | N.M. LEASE NUMBER | FORMATION |
|-------------|--|------------------|-------------------|-----------|
| 17 | Unit M, 660' FWL & 860' FSL of Sec. 26, 12-S, 34-E | | NM-E-906 | Atoka |
| 20 | Unit M, 810' FNL & 660' FWL of Sec. 26, 12-S, 34-E | | NM-E-906 | Devonian |

Texas Pacific Coal & Oil Company is the Lessee of Record for both wells.

NAME:

L. M. Sanders

COMPANY:

L. M. Sanders
Phillips Petroleum Company

PHONE NUMBER:

915/368-1488

IF YOU HAVE ANY QUESTIONS, PLEASE CONTACT THE OIL, GAS AND MINERALS DIVISION AT (505) 827-5744.

KKCS 06-04-91

COMMISSIONER OF PUBLIC LANDS

BY:

Floyd O. Prando

FLOYD O. PRANDO, Director
Oil/Gas and Minerals Division
(505) 827-5744
RBP/FOP/pm

cc: Reader File
OCD-David Catanach, Ben Stone



State of New Mexico
Commissioner of Public Lands

RAY POWELL, M.S., D.V.M.
COMMISSIONER

310 OLD SANTA FE TRAIL P.O. BOX 1148

(505) 827-5760
FAX (505) 827-5766

February 1, 1994

SANTA FE, NEW MEXICO 87504-1148

Phillips Petroleum Company
4001 Penbrook
Odessa, Texas 79762

Attention: Mr. L. M. Sanders

Re: Surface Commingling
Ranger Well Nos. 17 and 20
West Ranger Lake (Devonian) and Undesignated (Atoka)
Pools
State Lease No. E-906-3
Section 26-12S-34E
Lea County, New Mexico

Dear Mr. Sanders:

This office is in receipt of your application to surface commingle the condensate production from the Ranger Well No. 20, undesignated West Ranger Lake (Devonian) pool and the Ranger Well No. 17, Undesignated (Atoka) pool.

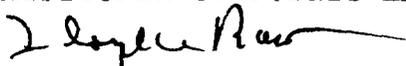
The Ranger Well #20 is located in the SW $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 26-12S-34E and the Ranger Well No. 17 is located in the NW $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 26-12S-34E.

Since ownership is common throughout, and there will be no loss of revenue to the State of New Mexico's beneficiaries from your proposed operation, the Commissioner of Public Lands, this date approves your request. Our approval is given with the understanding that the Commissioner of Public Lands reserves the right to amend or withdraw his approval should this operation prove to be unprofitable to the State at any time in the future. Our approval is subject to like approval by the New Mexico Oil Conservation Division

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY B. POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY: 
FLOYD O. PRANDO, Director
Oil/Gas and Minerals Division
(505) 827-5744
RBP/FOP/pm

cc: Reader File
OCD-David Catanach, Ben Stone