



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

6-11-91

BRUCE KING
GOVERNOR

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

DHC - 811

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

RE: Proposed:

MC _____
DHC X _____
NSL _____
NSP _____
SWD _____
WFX _____
PMX _____

Gentlemen:

I have examined the application for the:

Petroleum Production Management, Inc. State 19 # 1-I 19-13-33
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK

Yours very truly,

Jerry Sexton
Supervisor, District 1

/ed



PETROLEUM PRODUCTION MANAGEMENT, INC.

P.O. BOX 957

CROSSROADS, NEW MEXICO 88114

(505) 675-2478

June 6, 1991

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

Petroleum Production Management, Inc.
P.O. Box 957
Crossroads, new Mexico 88114

Re: Downhole Commingling - State 19 No. 1
Wolfcamp (no pool assigned) & Baum Upper Penn
UL "I", Sec. 19, T-13-S, R-33E
Lea County, New Mexico

Dear Sirs:

Petroleum Production Management, Inc. requests administrative approval to commingle downhole production between the Wolfcamp and Baum Upper Penn zones in the above referenced well.

In support of this request, please find enclosed; a plat of the area, Form C-116 for the Wolfcamp, as this is the zone that is currently being produced, and Form C-103 showing the perforations and treatment of this zone. We do not have the treatment of the Upper Penn zone in our records.

As a general rule, the Upper Penn zone would decline at about 13% annually, however, it appears that this is not true after production has dropped to below 20 BOPD. The Wolfcamp has not been produced long enough to determine a decline rate. We believe these two zones should produce about 20 BOPD for a number of years.

The bottom hole pressure of both zones would be less than 50# psi with no possibility of flowing. Production would be achieved by a downhole rod pump.

The oil produced from the Wolfcamp has a gravity of 42.3 and the Upper Penn is 42.1, which makes the fluids very compatible.

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MAY 10 1997

OC
MOORE CO.

We also have enclosed a production record for each zone. From this record we can anticipate oil production of 20 BPD from both zones. Production from the Wolfcamp at 11 BOPD and from the Upper Penn, 9 BOPD. The Wolfcamp would receive 55% and the Upper Penn 45% of the daily production. This record also indicated gas to be approximately 48 Mcf per day, with 24 Mcf per day coming from each zone.

As the Upper Penn has been produced for many years and this is the only Wolfcamp zone being produced in this area, we do not feel that it should be necessary to notify the off-set operators.

The ownership of both zones, including working interest, royalty and overriding royalty, are the same in this well.

Also please find our check in the amount of \$30.00 for the filing fee.

Your consideration and approval of this application will be appreciated. Should additional information be needed, please contact me.

Very truly yours,

A handwritten signature in dark ink, appearing to read "Gary T. Cothran", is written over the typed name.

Gary T. Cothran
District Superintendent

GTC/ts
Enclosures

LG-5166 L-4032 Coastal Sta. et al Amoco HBP B-399 State	6 State	LG-5674 1222 9-M-88 8-25-88 P.F. Conner, M.I. Office/Elmer Doughty P.D. Goff State	7732 State	Harper Oil 5-11-88 8-17-88 State
Yates 12-1-88 LG-4903 2082 State	Sabine Prod. 8-1-88 LG-5614 17427 State	Yates 9-1-88 LG-5677 1172 State	MWJ 8-11-88 State	Amerada- Wagner & Brown 9-30-87 Quannah Pet. 8-29-86 9-18-86 State
Expl. So. Roy. 1-1-88 V-555 1912 State	Sabine Prod. 9-1-88 LG-5676 20825 State	Yates 9-1-88 LG-5677 1172 State	MWJ 8-11-88 State	Amerada- Wagner & Brown 9-30-87 Quannah Pet. 8-29-86 9-18-86 State
Expl. Tenneco HBP K-1272 Amoco to 10,412 State	Yates Pet. 9-1-88 LG-5680 8123 State	Yates 9-1-88 LG-5677 1172 State	MWJ 8-11-88 State	Amerada- Wagner & Brown 9-30-87 Quannah Pet. 8-29-86 9-18-86 State
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ONE
HOBBS OFFICE

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Submit 2 copies to Appropriate
District Office.

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

GAS - OIL RATIO TEST

Operator Petroleum Production Management, Inc.		Pool Wolfcamp		County Lea											
Address Suite 200/Sutton Place Bldg. Wichita, Kansas 67202		TYPE OF TEST - (X) ☒ S ☐ F ☐ U		Completion ☐ Scheduled ☒ Special											
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU.FT/BBLS.		
		U	S	T						R	WATER BBLS.	GRAV. OIL		OIL BBLS.	GAS M.C.F.
State 19	1	I	19	13S	33E	6-6-91	P	2"	20	11	1	423	11	25	2272

Instructions:

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Division.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

(See Rule 301, Rule 1116 & appropriate pool rules.)

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

[Signature]

Signature

Gary T. Cothran District Superintendent

Printed name and title

6-6-91

Date

675-2478

Telephone No.

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JUN 10 1991

ONE
HOBBS OFFICE

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.

30-025-22765

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

K-6272

B-399-35

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

OIL
WELL ☒

GAS
WELL ☐

OTHER

2. Name of Operator

Petroleum Production Management, Inc.

3. Address of Operator

Suite 200/Sutton Place Bldg. Wichita, Kansas 67202

8. Well No.

1

9. Pool name or Wildcat

Wolfcamp

4. Well Location

Unit Letter I : 660 Feet From The East Line and 1980 Feet From The South Line

Section

19

Township

13-S

Range

33-E

NMPM

Lea

County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

4279' KB

11.

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

REMEDIAL WORK ☐

ALTERING CASING ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

PULL OR ALTER CASING ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

OTHER: Plug back and perforate in Wolfcamp ☒

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

8-29-90—Moved in and rigged up well service unit.

8-30-90—Pulled out of hole with rods and tubing. Perforated 9369'-9373' with 4 SPF.

8-31-90—Set retrievable bridge plug at 9500'. Acidized with 2000 gallons 20% NE-FE acid.

9-2-90 through 9-7-90—Swabbed well.

9-8-90—Ran tubing and rods. Started well pumping.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

Gary T. Cothran

TITLE

District Superintendent

DATE 4-23-91

TYPE OR PRINT NAME

Gary T. Cothran

TELEPHONE NO 675-2478

(This space for State Use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE 19 NO. 1 - UPPER PENN
10-1-88 - 9-1-90

<u>MONTH</u>	<u>OIL</u>	<u>WATER</u>	<u>GAS</u>	<u>AOPD</u>	<u>AWPD</u>	<u>AMCFPD</u>
October 1988	362	31	357	11.7	1	11.5
November	306	30	777	10.2	1	26
December	318	31	803	10.2	1	26
January 1989	331	31	936	10.6	1	30
February	288	28	846	10.3	1	30
March	305	31	803	9.8	1	27
April	293	30	799	9.8	1	27
May	305	31	826	9.8	1	27
June	272	30	799	9.1	1	27
July	315	31	1064	10.1	1	34
August	326	31	1064	10.5	1	34
September	301	30	1029	10.0	1	34
October	295	31	1064	9.5	1	34
November	303	30	1045	10.0	1	35
December	308	31	1147	10.0	1	37
January 1990	314	31	803	10.0	1	26
February	290	28	725	10.3	1	26
March	303	31	826	9.7	1	27
April	290	30	776	9.7	1	26
May	283	31	803	9.1	1	26
June	270	30	718	9.0	1	24
July	280	31	742	9.0	1	24
August	267	31	742	8.6	1	24

STATE 19 NO. 1 - WOLFCAMP
9-8-90 - 5-31-91

September 1990	294	24	432	12.0	1	18
October	367	31	557	12.0	1	18
November	335	30	539	11.0	1	18
December	330	31	558	10.6	1	18
January 1991	246	31	358	8.0	1	12
February	308	28	503	11.0	1	18
March	341	31	541	11.0	1	17
April	330	30	750	11.0	1	25
May	330	31	750	10.6	1	24

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