

Submit to Appropriate
District Office
State Lease - 5 copies
Fee Lease - 5 copies
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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

OIL CONSERVATION DIVISION

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

C. E. D.
ARTESIA, OFFICE

WELL API NO.

30-015-23975

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

NM-0144698

7. Lease Name or Unit Agreement Name

Superior Federal No. 5

8. Well No.

5

9. Pool name or Wildcat

~~E. Burton Flat~~ *Wildcat*

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☐

GAS WELL ☒

DRY ☐

OTHER ☐

b. Type of Completion:

NEW WELL ☒

WORK OVER ☐

DEEPEN ☐

PLUG BACK ☐

DIFF RESVR ☐

OTHER ☐

2. Name of Operator

The Petroleum Corporation of Delaware

3. Address of Operator

3131 Turtle Creek Blvd., Ste. 400, Dallas, TX 75219

4. Well Location

Unit Letter K : 1980' Feet From The South Line and 1980' Feet From The West Line

Section 5

Township 20S

Range 29E

NMPM

Eddy

County

10. Date Spudded

4/20/89

11. Date T.D. Reached

5/28/89

12. Date Compl. (Ready to Prod.)

7/31/89

13. Elevations (DF& RKB, RT, GR, etc.)

GL 3292'

14. Elev. Casinghead

15. Total Depth

11,570

16. Plug Back T.D.

11,250

17. If Multiple Compl. How Many Zones?

2

18. Intervals Drilled By

Rotary Tools

X

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

Wolfcamp (9,665'-9,831' SI) Strawn (10,306'-10,310')

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

Compensated Density Densl Spaced Neutron,

22. Was Well Cored

Long spaced sonic, Dual Laterolog Microguard, Spectral DD Spaced Neutron

No

23.

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.5	350'	17-1/2"	370 sx "C" 2% CaCl	0
8-5/8"	32	3,205'	11"	1617 sx "A" 3% D44	0
5-1/2"	17 & 20	11,578'	7-7/8"	695 sx "H"	0

24.

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	10,230	

25. TUBING RECORD

26. Perforation record (interval, size, and number)

All Morrow Plugged: 11274-82, 11462-70,

11370-82, 11356-60, 11326-32

Wolfcamp SI: 9665-831

Strawn: 10306-310

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

28.

PRODUCTION

Date First Production 7/1/89	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing					Well Status (Prod. or Shut-in) Shut in	
Date of Test 7/1/89	Hours Tested 8	Choke Size 3/4"	Prod'n For Test Period	Oil - Bbl. 6.6	Gas - MCF 281	Water - Bbl. 0	Gas - Oil Ratio 42,600
Flow Tubing Press. 505	Casing Pressure 0	Calculated 24-Hour Rate	Oil - Bbl. 20 BOPD	Gas - MCF 842 MCFD	Water - Bbl. 0 BWPD	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Vented

Test Witnessed By

30. List Attachments

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature

Mike Sagan

Printed Name

Mike Sagan

Title Operations Eng. Date 11/16/89

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy _____
T. Salt _____
B. Salt _____
T. Yates 1093
T. 7 Rivers _____
T. Queen _____
T. Grayburg _____
T. San Andres _____
T. Glorieta _____
T. Paddock _____
T. Blinebry _____
T. Tubb _____
T. Drinkard _____
T. Abo _____
T. Wolfcamp 8893
T. Penn 9918
T. Cisco (Bough C) _____

T. Canyon _____
T. Strawn 10218
T. Atoka 10587
T. Miss _____
T. Devonian _____
T. Silurian _____
T. Montoya _____
T. Simpson _____
T. McKee _____
T. Ellenburger _____
T. Gr. Wash _____
T. Delaware Sand 3126
T. Bone Springs 5482
T. Morrow Lime 11090
T. Morrow Classic 11208
T. _____
T. _____

Northwestern New Mexico

T. Ojo Alamo _____
T. Kirtland-Fruitland _____
T. Pictured Cliffs _____
T. Cliff House _____
T. Menefee _____
T. Point Lookout _____
T. Mancos _____
T. Gallup _____
Base Greenhorn _____
T. Dakota _____
T. Morrison _____
T. Todilto _____
T. Entrada _____
T. Wingate _____
T. Chinle _____
T. Permian _____
T. Penn "A" _____

T. Penn. "B" _____
T. Penn. "C" _____
T. Penn. "D" _____
T. Leadville _____
T. Madison _____
T. Elbert _____
T. McCracken _____
T. Ignacio Otzte _____
T. Granite _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
No. 2, from.....to.....feet.....
No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
0	350	350	Red Bed				
350	2201	1851	Anhydrite & salt				
2201	3205	1004	Anhydrite & sand				
3205	4858	1653	Sand & shale				
4858	6760	1902	Limestone				
6760	7022	262	Sandstone				
7022	10450	3428	Limestone/Shale/Chert				
10450	11570	1120	Limestone TD				

RECEIVED

"N. BURTON"

MARATHON
Martinez-Fed.



11,450'

31

HANLEY
I-Marathon



11,410'



11,775'

SUNRAY
New Mexico St'Q'



5025'

COQUINA
Bass St.

11,515'

32

COMPANA PETRO.
St

MAR 5 '90

PETRO. CORP
SUN-Fed.

O. C. D.
JAMESIA, OFFICE



11,700'

33



1515'

REBEL
Hanna-F.d

COB
Fed



1192'

1308'

SO. ROY
Burton-Fed



11,744'

GETTY
Malone

PETRO. CORP.
Superior-Fed.

11,675'



1407'

PETRO. CORP.
Superior-Fed.



11,761'

PETRO. CORP.
Sup-Fed.



11,600'

PETRO CORP.
Sup. Fed.



1352'

YATES
Superior-Fed. "KJ"



11,550'

YATES



4-BC

YATES

IBC

Del. Disc.



1200'

TEXAS OIL & GAS
Superior-Fed.

McKENZIE
Cook



1335'



1204'



11,700'

TXO
Yates



11,712'

KERSEY
Yates



1305'



1200'

TEXAS OIL & GAS
Williamson-Fed.



11,760'

CAMPBELL
Lambie-Fed.



1530'

TXO



11,850'

TEXAS OIL & GAS
Yates-Fed. "A"



18

TXO
6 Yates Fed.



3700'

TXO
Yates Fed.



11,751'

ATHA
Yates-Fed.



1346' 17

TXO
Yates



11,770'

YATES
William



12,110'

THE PETROLEUM CORPORATION OF DELAWARE

A SUBSIDIARY OF PRESIDIO OIL COMPANY

EAST BURTON FLAT AREA

EDDY COUNTY, NEW MEXICO

MAR - 5 '90

O. C. D.
ARTESIA, OFFICE

