

Submit to Appropriate
District Office
State Lease - 6 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

OIL CONSERVATION DIVISION

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

Form C-105
Revised 1-1-89

WELL API NO.

30-025-33756

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

PATY 20

8. Well No.

1

9. Pool name or Wildcat

West Lovington Penn

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

Chesapeake Operating, Inc.

3. Address of Operator

P. O. Box 18496, Oklahoma City, OK 73154-0496

4. Well Location

Unit Letter E : 2156 Feet From The North Line and 990 Feet From The West Line

Section 20

Township 16S

Range 36E

NMPM

LEA

County

10. Date Spudded
02-20-97

11. Date T.D. Reached
03-20-97

12. Date Compl. (Ready to Prod.)
04-11-97

13. Elevations (DF & RKB, RT, GR, etc.)
GR: 3942'

14. Elev. Casinghead
3942'

15. Total Depth
11,780'

16. Plug Back T.D.
11,607'

17. If Multiple Compl. How Many Zones? -

18. Intervals Drilled By
Rotary Tools
0-T.D.

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name
11435'-11,474' Strawn

20. Was Directional Survey Made
Yes

21. Type Electric and Other Logs Run
Array Induction, CNL/LDT/Microlog, Sonic

22. Was Well Cored
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#	393'	17-1/2"	500 sk	
8-5/8"	28# & 32#	4,150'	11"	199 sk	
5-1/2"	20# & 17#	11,780'	7-7/8"	675 sk 1st Stg	
				1100 sk 2nd Stg	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	11,390'	11,390'

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

11,435-440'
11,446-459; 18' - 6 spf - 110 holes
11,461-474' 13' - 6 spf - 79 holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	None

PRODUCTION

28. Date First Production 04-12-97		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing	
Date of Test 04-13-97	Hours Tested 24	Choke Size 24/64	Prod'n For Test Period	Oil - Bbl. 207	Gas - MCF 365	Water - Bbl. 0	Gas - Oil Ratio 1.76
Flow Tubing Press. 280	Casing Pressure 0	Calculated 24-Hour Rate	Oil - Bbl. 207	Gas - MCF 365	Water - Bbl. 0	Oil Gravity - API - (Corr.) 46.4	

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

Sold

Test Witnessed By

30. List Attachments

C-103, Deviation Report, Logs

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

Printed Name

D. Steven Tipton

Title

District Manager

Date 05-14-97

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. Canyon _____
T. Salt _____	T. Strawn <u>11,388'</u>
B. Salt _____	T. Atoka <u>11,596'</u>
T. Yates _____	T. Miss _____
T. 7 Rivers _____	T. Devonian _____
T. Queen _____	T. Silurian _____
T. Grayburg _____	T. Montoya _____
T. San Andres <u>4875'</u>	T. Simpson _____
T. Glorieta <u>6340'</u>	T. McKee _____
T. Paddock <u>6912'</u>	T. Ellenburger _____
T. Blinebry _____	T. Gr. Wash _____
T. Tubb <u>7578'</u>	T. Delaware Sand _____
T. Drinkard <u>7819'</u>	T. Bone Springs _____
T. Abo <u>8256'</u>	T. _____
T. Wolfcamp <u>9590'</u>	T. _____
T. Penn <u>10997'</u>	T. _____
T. Cisco (Bough C) _____	T. _____

Northwestern New Mexico

T. Ojo Alamo _____	T. Penn. "B" _____
T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Pictured Cliffs _____	T. Penn. "D" _____
T. Cliff House _____	T. Leadville _____
T. Menefee _____	T. Madison _____
T. Point Lookout _____	T. Elbert _____
T. Mancos _____	T. McCracken _____
T. Gallup _____	T. Ignacio Otzte _____
Base Greenhorn _____	T. Granite _____
T. Dakota _____	T. _____
T. Morrison _____	T. _____
T. Todilto _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permian _____	T. _____
T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____	No. 3, from _____ to _____
No. 2, 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
	7580		Dolomite				
7580	7700	120'	Sandstone				
7700	9590	1890'	Dolomite & Limestone				
9590	9900	310'	Limestone				
9900	10650	750'	Limestone, Chert & Shale				
10650	11388	738'	Limestone & Shale				
11388	11554	166'	Limestone				
11554	11596	42'	Conglomerate				
11596	11734	138'	Shale & Conglomerate				