

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. 30-025-34230
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____	7. Lease Name or Unit Agreement Name LORENA "1"
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DEEP RESVR ☐ OTHER _____	
2. Name of Operator Chesapeake Operating, Inc.	8. Well No. 1
3. Address of Operator P. O. Box 18496, Oklahoma City, OK 73154-0496	9. Pool name or Wildcat N.E. Lovington-Penn

4. Well Location Unit Letter <u>P</u> : <u>2927</u> Feet From The <u>south</u> Line and <u>1104</u> Feet From The <u>east</u> Line Section <u>1</u> Township <u>16S</u> Range <u>36E</u> NMPM LEA County _____
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10. Date Spudded 12-08-97	11. Date T.D. Reached 01-09-98	12. Date Compl. (Ready to Prod.) 03-20-98	13. Elevations (DF & RKB, RT, GR, etc.) GR: 3,867'	14. Elev. Casinghead -
15. Total Depth 11,995'	16. Plug Back T.D. 11,894	17. If Multiple Compl. How Many Zones? -	18. Intervals Drilled By Rotary Tools 0-TD	Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 11,576-11,619 Strawn				20. Was Directional Survey Made Yes
21. Type Electric and Other Logs Run Nat'l Gamma Ray Spec/Array Induction Image/Borehole Compensated Sonic/Comp Neutron/3-Detector LithDensity				22. Was Well Cored No

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#	490'	17-1/2"	495 sx	
9-5/8"	40.0#	4,385'	12-1/4"	1600 sx	
5-1/2"	17.0#	11,995'	7-7/8"	690 sx 1st strg	
				900 sx 2nd strg	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	11,504'	11,516'

26. Perforation record (interval, size, and number) 11,576-580' 116 holes 16 gram chgs, 11,590-610' 4 spf, 90° Phase 11,614-619'	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	11576-11619'	67 bbls 15% Fercheck 6 bbls Xylene

PRODUCTION

28. Date First Production 03-22-98		Production Method (Flowing, gas lift, pumping - Size and type pump) Jet Pump				Well Status (Prod. or Shut-in) Pumping	
Date of Test 03-27-98	Hours Tested 24	Choke Size 64/64"	Prod'n For Test Period	Oil - Bbl 54	Gas - MCF 55	Water - Bbl 195	Gas - Oil Ratio 1019
Flow Tubing Press. 2600#	Casing Pressure 70#	Calculated 24-Hour Rate	Oil - Bbl 54	Gas - MCF 55	Water - Bbl 195	Oil Gravity - API - (Corr.) 44.4	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sole						Test Witnessed By Jim Hays	

30. List Attachments C-104, Logs, Deviation Survey

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 Barbara J. Bale Printed Name Barbara J. Bale Title Regulatory Analyst Date 03/30/98

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

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn 11,550	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka 11,760	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres 4,902	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta 6,540	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock 7,120	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb 7,725	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard 7,860	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo 8,414	T. _____	T. Wingate _____	T. _____
T. Wolfcamp 9,740	T. _____	T. Chinle _____	T. _____
T. Penn 11,058	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	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
9100	9754		Dolomite & Limestone				
9754	10160		Limestone				
10160	11102		Limestone/ Shale/Chert				
11102	11550		Shale & Limestone				
11550	11720		Limestone				
11720	11812		Conglomerate				
11812	11960		Shale				
11960	11980		Conglomerate				
11980	11995		Shale				