

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.
30-025-33579
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 RUTH "20"			
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER _____	8. Well No. 1			
2. Name of Operator Chesapeake Operating, Inc.	9. Pool name or Wildcat West Lovington Penn			
3. Address of Operator P.O. Box 18496, Oklahoma City, OK 73154-0496				
4. Well Location Unit Letter C : 609.4 Feet From The North Line and 1650 Feet From The West Line Section 20 Township 16S Range 36E NMPM LEA County				
10. Date Spudded 09-18-96	11. Date T.D. Reached 10-15-96	12. Date Compl. (Ready to Prod.) 10-27-96	13. Elevations (DF & RKB, RT, GR, etc.) GR: 3943'	14. Elev. Casinghead 3943'
15. Total Depth 11,935'	16. Plug Back T.D.	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 Top: 11,480' Bottom: 11,490' STRAWN				20. Was Directional Survey Made Yes
21. Type Electric and Other Logs Run GR/CCL/CBL				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"	48	450'	17-1/2"	500 Sx	
8-5/8"	32 & 28	4,357'	12-1/4"	1500 Sx	
5-1/2"	17	11,935'	7-7/8"	550 SX	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	11,410'	11,410

26. Perforation record (interval, size, and number) STRAWN 11,480-90' 4" gun 6 spf	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

PRODUCTION

28. Date First Production 10-26-96	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Prod.		
Date of Test 10-27-96	Hours Tested 12	Choke Size 24/64	Prod'n For Test Period	Oil - Bbl. 305	Gas - MCF 125	Water - Bbl. 75	Gas - Oil Ratio 410
Flow Tubing Press. 600	Casing Pressure 0	Calculated 24-Hour Rate	Oil - Bbl. 610	Gas - MCF 250	Water - Bbl. 150	Oil Gravity - API - (Corr.) 45.8	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented						Test Witnessed By Rick Hughes	

30. List Attachments

C104, Deviation Survey, 1 set 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 Colley Andrews Printed Name Colley Andrews Title District Mgr Date 11-25-96

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 _____
 T. 7 Rivers _____
 T. Queen _____
 T. Grayburg _____
 T. San Andres 4,850'
 T. Glorieta 6,335'
 T. Paddock 6,330'
 T. Blinbry _____
 T. Tubb 7,560'
 T. Drinkard 7,623
 T. Abo 8,293
 T. Wolfcamp 9,630
 T. Penn _____
 T. Cisco (Bough C) _____

T. Canyon _____
 T. Strawn 11,408
 T. Atoka 11,618
 T. Miss _____
 T. Devonian _____
 T. Silurian _____
 T. Montoya _____
 T. Simpson _____
 T. McKee _____
 T. Ellenburger _____
 T. Gr. Wash _____
 T. Delaware Sand _____
 T. Bone Springs _____
 T. _____
 T. _____
 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. _____
 T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 11,408' to 11,562'
 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
	4,820		Anhydrites/Evaporites	11618	11670	52'	Shale
4820	6,770	1950	Dolomite	11670	11935	265'	Conglomerate
6770	6970	200'	Dolomite, Sandstone & Chert				
6970	7560	590'	Dolomite				
7560	7810	250'	Dolomite & Sandstones				
7810	8900	1090'	Dolomite				
8900	9620	720'	Dolomite & Limestone				
9620	10970	1350'	Limestone, Chert & Dolomite				
10970	11408	438'	Shale				
11408	11562	154'	Limestone				
11562	11618	56'	Conglomerate				