

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. 30-025-35190
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Shelby 14
8. Well No. 1
9. Pool name or Wildcat North Lovington Wolfcamp

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 SUR Unit Letter D : 1299 Feet From The North Line and 557 Feet From The West Line BHL Section 14 Township 16S Range 36E NMPM Lea County				
10. Date Spudded 10/05/00	11. Date T.D. Reached 11/13/00	12. Date Compl. (Ready to Prod.) 12/19/00	13. Elevations (DF & RKB, RT, GR, etc.) GR: 3880'	14. Elev. Casinghead
15. Total Depth 12,600'	16. Plug Back T.D. 11,825'	17. If Multiple Compl. How Many Zones? NA	18. Intervals Drilled By Rotary Tools 0-TD	Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 10,440-456 Wolfcamp				20. Was Directional Survey Made Yes
21. Type Electric and Other Logs Run SDDSNSG/HRI-DFL/Comp Sonic				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#	435'	17-1/2"	525 sy C1, C	
9-5/8"	40#	4,370'	12-1/4"	1475 C Poz, 300 C	
5-1/2"	17#	12,600'	7-7/8"	475 C1 H 1st Stg 207 H Poz 2nd Stg	
5-1/2" CIBP Set @ 11,825' & capped w/20' cmt					

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
None					2-7/8"	10,396'	Tbg Anchor

26. Perforation record (interval, size, and number)
10,440-456' Wolfcamp 4 SPF 90° phasing, 37 holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

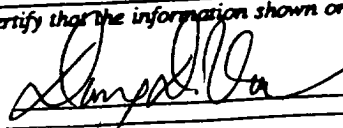
PRODUCTION

28. Date First Production 12/19/00	Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 1/1/4 x 24"				Well Status (Prod. or Shut-in) Prod		
Date of Test 02/14/2001	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl. 62	Gas - MCF 238	Water - Bbl. 53	Gas - Oil Ratio 3839
Flow Tubing Press. 30#	Casing Pressure 30#	Calculated 24-Hour Rate	Oil - Bbl. 62	Gas - MCF 238	Water - Bbl. 53	Oil Gravity - API - (Corr.) 41°	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Flare						Test Witnessed By Jimmy Hayes	

30. List Attachments

C-104, C-103, Logs, Deviation Report

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 Dung Vu Title Asset Manager Date 03/01/01

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 4,854
 T. Glorieta 6,385
 T. Paddock 6,983
 T. Blinbry _____
 T. Tubb 7,597
 T. Drinkard 7,842
 T. Abo 8,310
 T. Wolfcamp 9,805
 T. Penn 11,055
 T. Cisco (Bough C) _____

T. Canyon _____
 T. Strawn 11,536
 T. Atoka 11,603
 T. Miss 12,291
 T. Devonian _____
 T. Silurian _____
 T. Montoya _____
 T. Simpson _____
 T. McKee _____
 T. Ellenburger _____
 T. Gr. Wash _____
 T. Delaware Sand _____
 T. Bone Springs _____
 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. _____

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
9480	9850		Colomite				
9850	10160		Limestone & Dolomite				
10160	11055		Limestone & Shale				
11055	11536		Shale & Limestone				
11536	11590		Limestone				
11590	11603		Conglomerate				
11603	11750		Shale				
11750	12040		Limestone, Sandstone & Shale				
12040	12280		Limestone & shale				
12280	12350		Limestone & sandstone				
12350	12445		Shale & Limestone				
12445	12600		Limestone				