

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.
30-025-34250
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 MAC "19"	
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 G : 2523 Feet From The North Line and 2370 Feet From The East Line Section 19 Township 16S Range 36E NMPM LEA County			
10. Date Spudded 12-26-97	11. Date T.D. Reached 01-27-98	12. Date Compl. (Ready to Prod.) 02-18-98	13. Elevations (DF& RKB, RT, GR, etc.) GR: 3951'
14. Elev. Casinghead --			
15. Total Depth 11,674'	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 11,398-543' Strawn			20. Was Directional Survey Made Yes
21. Type Electric and Other Logs Run Nat'l GR;BCSGR;Array Induction Imager MCFL/GR; ompensated Neutron Log/NGT			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#	489'	17-1/2"	471 Sks	
9-5/8"	40.0#	4,274'	11"	1850 sks	
5-1/2"	17#	11,584'	7-7/8"	450 1st Stg	
				815 2nd stg	

LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
NA					2-7/8"	11,334'
						11,334'

26. Perforation record (interval, size, and number)			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
INTERVAL	SIZE	NUMBER	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
11528-593'	4 spf	60 holes	11528-543	250 gals Intersperse "A"
11398-403'	"	20 holes	11398-403 &	637 bbls 15% NE FE
11422-476'	"	216 holes	11422-476	

PRODUCTION

28. Date First Production 2-18-98		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Prod.	
Date of Test 02-19-98	Hours Tested 6 hrs	Choke Size 16/64"	Prod'n For Test Period 356	Oil - Bbl. 89	Gas - MCF 133	Water - Bbl. 1	Gas - Oil Ratio 149
Flow Tubing Press. 750	Casing Pressure 0	Calculated 24-Hour Rate	Oil - Bbl. 356	Gas - MCF 532	Water - Bbl. 4	Oil Gravity - API - (Corr.) 42.9°	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold						Test Witnessed By Rick Hughes	

30. List Attachments
C-103; C-104; 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 Barbara J. Bale Printed Name Barbara J. Bale Title Regulatory Analyst Date 02-19-98

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

T. Anhy _____	T. Canyon _____
T. Salt _____	T. Strawn 11,362
B. Salt _____	T. Atoka 11,547
T. Yates _____	T. Miss _____
T. 7 Rivers _____	T. Devonian _____
T. Queen _____	T. Silurian _____
T. Grayburg _____	T. Montoya _____
T. San Andres 4,910	T. Simpson _____
T. Glorieta 6,356	T. McKee _____
T. Paddock 6,950	T. Ellenburger _____
T. Blinbry _____	T. Gr. Wash _____
T. Tubb 7,576	T. Delaware Sand _____
T. Drinkard 7,700	T. Bone Springs _____
T. Abo 8,240	T. _____
T. Wolfcamp 9,578	T. _____
T. Penn 10,953	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	_____ feet
No. 2, from _____ to _____ feet	_____ feet
No. 3, from _____ to _____ feet	_____ feet

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
9,000	9578		Dolomite				
9,578	10600		Limestone				
10,600	10670		Dolomite & limestone				
10,670	10920		Limestone				
10,920	10953		Chert & Limestone				
10,953	11362		Shale & Limestone				
11,362	11504		Limestone				
11,504	11547		Conglomerate				
11,547	11,674		Shale & Conglomerate				