

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.
30-025-34141

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 _____

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

7. Lease Name or Unit Agreement Name
GILMORE 24

8. Well No.
1

9. Pool name or Wildcat
N.E. Lovington-Penn

4. Well Location
Unit Letter H : 2130 Feet From The North Line and 607 Feet From The East Line

Section 24 Township 16S Range 36E NMPM LEA County

10. Date Spudded 10-04-97 11. Date T.D. Reached 11-04-97 12. Date Compl. (Ready to Prod.) 11-16-97 13. Elevations (DF & RKB, RT, GR, etc.) GR: 3844' 14. Elev. Casinghead -

15. Total Depth 14,500' 16. Plug Back T.D. 11,312' 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By Rotary Tools Cable Tools
D-TD

19. Producing Interval(s), of this completion - Top, Bottom, Name 11,140-11,225' Strawn 20. Was Directional Survey Made YES

21. Type Electric and Other Logs Run GR/Sonic/Induction Imager/ CNL 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	455'	17-1/2"	495	
9-5/8"	40#	4,417'	11"	2650	
5-1/2"	20# & 17#	11,450'	7-7/8"	670 1st stg 890 2nd stg	

24. **LINER RECORD** 25. **TUBING RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	11,116'	11,116'

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

11140-80	160 holes	4" tag gun, 4 spf
11185-205	80 holes	32 gm chg, 90° phasing
11209-212	12 holes	
11214-216	8 holes	
11200-225	20 holes	

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
Same	1750 Gals 15% HCL

28. **PRODUCTION**

Date First Production 11-16-97 Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing Well Status (Prod. or Shut-in) Prod.

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
11-17-97	6	12/64"		72	100	2	139

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)
1090	610		288	400	8	43.2 @ 60°

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented Test Witnessed By Jimmy Hayes

30. List Attachments C103, C104, 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 11-19-97

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

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn 11,133	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka 11,252	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 4834'	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta 6262'	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock 6906'	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb 7552'	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo 8220'	T. _____	T. Wingate _____	T. _____
T. Wolfcamp 9662'	T. _____	T. Chinle _____	T. _____
T. Penn 10,822'	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
9652'	9900'		Dolomite				
9900'	10822'		Limestone & Shale				
10822'	11102'		Shale & Limestone				
11102'	11263'		Limestone				
11263'	11372'		Shale				
11372'	11450'		Conglomerate & Shale				