

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

Form C-105
Revised 10-68

1. Indicate Type of Lease	
Date ☐	Per ☒
2. State of Lease	
NM 067081	

10. TYPE OF WELL	
OIL WELL ☒	GAS WELL ☐
11. TYPE OF COMPLETION	
NEW WELL ☒	WORK OVER ☐
DEEPEN ☐	PLUG BACK ☐
DIFF. RESVR. ☐	OTHER ☐

3. State Agreement Name
4. Name of Lessee
Bowman Federal

2. Name of Operator
Estoril Producing Corporation

5. Well No.
2

3. Address of Operator
1120 Vaughn Building, Midland, Texas 79701

6. Field, Lease, or Well No.
<i>Ya da Penn</i>

4. Location of Well
UNIT LETTER <u>K</u> LOCATED <u>1980</u> FEET FROM THE <u>south</u> LINE AND <u>1830</u> FEET FROM

7. County
Lea

THE WEST LINE OF SEC. <u>12</u> TAP. <u>9S</u> RGE. <u>34E</u> NWPM

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (D.F., RKB, RT, GR, etc.)	19. Elev. Casinghead
9-15-79	10-16-79	11-30-79	4214.1 GL	-----

20. Total Depth	21. Plug back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
9900'	-----		-----	X	

24. Producing Intervals, of this completion - Top, Bottom, Name	25. Was Directional Survey Made
9765'-9790' - Penn	no

26. Type Electric and Other Logs Run	27. Was Well Cored
Dual Laterlog, CDCN, GRN/DCL	no

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB. FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
12-3/4"	42#	420'	15"	230 sx CL. H w/2% CC	
8-5/8"	24 & 32#	4015'	11"	1015 sx pace setter lite & CL. C	
5-1/2"	17#	9900'	7-7/8"	975 sx CL. H & CL. C	

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-3/8"	9838
						PACKER SET
						N/A

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
9765'-9790' 1-.38 wes jet mangu/ft	DEPTH INTERVAL
	AMOUNT AND KIND MATERIAL USED
	9765-9790 500 gals 20% DS-30 acid

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
11-30-79		pumping				testing	
Date of Test	Hours Tested	Choke Size	Prod'n. Per Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Turing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By

35. List of Attachments
C-103, Notarized deviation surveys

36. 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.		
SIGNED <u>Bruce C. Monroe</u>	TITLE <u>Production Superintendent</u>	DATE <u>January 10, 1980</u>

This form is to be filed with the appropriate District Office of the Commission not later than 25 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and non-electrical logs run on the well and a summary of all special tests conducted, including full stop testing. All data reported shall be measured by use of geologically drilled wells, and vertical depths shall also be reported. For multiple completions, forms for intervals 14 shall be reported for each zone. The form is to be filed in quadruplicate except on state land, where six copies are required. See Rule 1105.

INSTRUCTIONS

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Northeastern New Mexico

Southeastern New Mexico

T. Canyon	2200	T. Ojo Alamo	T. Penn. "GP"
T. Salt	2280	T. Rutland-Fruitland	T. Penn. "CC"
T. Salt	2720	T. Pictured Cliffs	T. Penn. "DP"
T. Yates	2720	T. Cliff House	T. Leadville
T. 7 Rivers	2845	T. Mendocino	T. Madison
T. Silurian	3540	T. Point Lookout	T. Elbert
T. Grayburg	3735	T. Mancos	T. Mc Cracken
T. San Andres	4090	T. Gallup	T. Ignacio Ortiz
T. Glorieta	5410	T. McKee	T. Granite
T. Padlock	6150	T. Ellenburger	T. Dakota
T. Bineberry	6450	T. Gr. Wash	T. Morrison
T. Tubb	6890	T. Granite	T. Todito
T. Drinkard	7040	T. Delaware Sand	T. Entrada
T. Abo	7745	T. Bone Springs	T. Wingate
T. Wolfcamp	9026	T. Chinle	T. Permian
T. Penn.	9503	T. Permian	T. Penn. "A"
T. Cisco (Bough C)	9763		

OIL OR GAS SANDS OR ZONES

No. 1, from 9763 to 9792	No. 4, from	No. 5, from	No. 6, from
No. 2, from	No. 3, from		

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from	No. 2, from	No. 3, from	No. 4, from
feet	feet	feet	feet
to	to	to	to

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation
-0-	2200	2200	Redbed
2200	2280	80	Anhydrite
2280	2720	440	Salt
2720	4090	1370	Sand, anhy, red shale
4090	7745	3655	Dolo, anhy, shale
7745	8500	755	Shale
8500	8990	490	Dolo & shale
8990	9800	810	Limestone
9800	9900	100	Limestone & shale

RECEIVED

JAN 14 1980

OIL CONSERVATION DIV.