

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

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LAND OFFICE	
OPERATOR	

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Indicate Type of Lease
State Federal
B. Name of Oil & Gas Lease No.
NM 14799

16. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER

b. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. REVR. OTHER

2. Name of Operator
Estoril Producing Corporation

3. Address of Operator
11th Floor, Vaughn Bldg., Midland, Texas 79701

4. Location of Well
UNIT LETTER **M** LOCATED **660** FEET FROM THE **south** LINE AND **660** FEET FROM

THE **west** 1/4 OF SEC. **10** TWP. **20S** R. **34E** N.M.P.M. LEA COUNTY

15. Date Started **4/23/80** 16. Date First Reached **6-27-80** 17. Date Compl. (Ready to Prod.) **9-2-80** 18. Elev. from (GR, H&P, RI, GK, etc.) **3644.4 GR** 19. Elev. Casinghead **---**

20. Total Depth **13,600** 21. Plug Back P.D. **13,527** 22. If Multiple Completions, How Many **Many** 23. Intervals History Tests Initiated by **XX** Cable Tests

24. Producing Interval(s) at this completion - Top, Bottom, Name
13,126-13,214 (Morrow)

25. Type Electric Casing Completion
CDL, DNL, Caliper, Cement Bond Log

27. Was WCP Performed
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT FULLED
13-3/8"	54.50#	844	17-1/2"	760 sx Cl. C	
9-5/8"	43.50 & 47#	4862	12-1/4"	1925 sx pacesetter & Cl. C.	
5-1/2"	17 & 20#	13,600	8-3/4"	1427 sx lightweight & Cl. H	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	13,019	12,987

31. Perforation Record (Interval, size and number)

13,126-30	- .50	4 holes
13,157-64	- .50	4 holes
13,173-86	- .50	4 holes
13,206-14	- .50	4 holes

32. ACID, SHOT, FRACTURE, CHEMICAL SQUELZE, ETC.

DEPTH - INTERVAL	AMOUNT AND KIND MATERIAL USED
13,126-13,214	3000 gals 7-1/2% MS acid 1000 SCF/bbl nitrogen, 30,000 gals MS frac

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)					
N/A	flowing	SI-WO pipeline conn.					
Date of Test	Hours Tested	Choke Size	Prodn. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
8/31/80	4	various		4	332	none	13.844
Flow Testing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (100°)	
5621	pkc		24	753	none	50.8 at 60°	

34. Direction of Gas (Dole, used for fuel, vented, etc.)
Llano, Inc.

35. List of Attachments
One point back pressure test (Form C-122)

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 **Carolyn Hickman** TITLE **Agent** DATE **9-9-80**

See
Federal

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 depth. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 20 through 34 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 1195.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy <u>1568</u>	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn <u>12,231</u>	T. Kirland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka <u>12,526</u>	T. Pictured Cliffs	T. Penn. "D"
T. Yates <u>3361</u>	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers <u>3694</u>	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. See Andros	T. Simpson	T. Gallup	T. Ignacia Quate
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Padrick	T. Elicaburger	T. Dakota	T. <u>Morrow - 12,712</u>
T. Winchby	T. Co. Wash.	T. Morrison	T. <u>Barnett - 13,520</u>
T. Talb.	T. Granite	T. Tacheta	T.
T. Drinkard	T. Delaware Sand	T. Entrada	T.
T. Abo	T. Bone Springs	T. Wingate	T.
T. Wolfcamp <u>11,034</u>	T.	T. Chinle	T.
T. Penn.	T.	T. Permian	T.
T. Circle (Group C)	T.	T. Penn. "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from <u>13,218</u> to <u>13,472</u>	No. 4, from
No. 2, from	No. 5, from
No. 3, from	No. 6, from

IMPORTANT WATER SANDS

Include date 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.
No. 4, from	to	feet.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
surf	1568	1568	red sand & shale				
1568	3361	1793	salt, anhy & gyp				
3361	3782	421	dolo, anhy & sand				
3782	5661	1879	dolo & lime				
5661	8293	2632	sand, shale & lime				
8693	11035	2342	lime & shale				
11035	12230	1195	shale, sand & limestreaks				
12230	12527	297	lime & chert				
12527	12712	185	sand & shale				
12712	12964	252	limestone				
12964	13600	636	sand & shale				

SEP 15 1930

Oil and Gas Division