STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

Revised 10-1-78

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease: State [X] Fee [ ]
5. State Oil & Gas Lease No.: LG- 0493

a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] OTHER
b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] OTHER

7. Unit Agreement Name:
8. Farm or Lease Name: Pebble Queen
9. Well No.: 1
10. Field and Pool, or Wildcat: Caprock Queen
12. County: Chaves

2. Name of Operator: Yates Drilling Company
3. Address of Operator: 207 South 4th St., Artesia, New Mexico 88210
4. Location of Well: UNIT LETTER C LOCATED 990 FEET FROM THE North LINE AND 1980 FEET FROM THE West LINE OF SEC. 11 TWP. 13S RGE. 31E NMPM

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Cashinghead
1-27-84	1-31-84	3-13-84	4423' GR	

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
3108'	3103'		→	0-3108'	

24. Producing Interval(s), of this completion — Top, Bottom, Name: 3028-38' Queen
25. Was Directional Survey Made: No
26. Type Electric and Other Logs Run: CNL/FDC; DLL
27. Was Well Cored: No

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	433'	12-1/4"	350	
4-1/2"	14#	3108'	7-7/8"	320	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8"	2965'	-

31. Perforation Record (Interval, size and number)

3028-38' w/10 .40" holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3028-38'	w/1500 g. 15% HCL acid.
	SF w/500g. 15% HCL, 20000g.
	(25% CO_2) gel KCL wtr + 16500#
	20/40 & 3500# 12/20 sd.

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping — Size and type pump)	Well Status (Prod. or Shut-in)
3-10-84	Pumping	Producing

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio
3-13-84	24	-		6	TSTM	61	

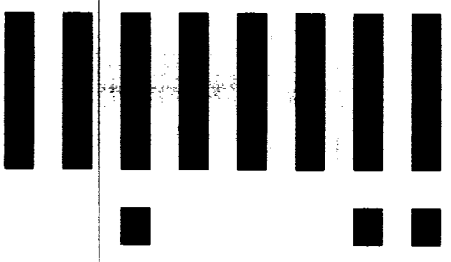
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)
-	-		6	TSTM	61	31°

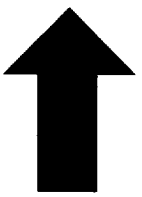
34. Disposition of Gas (Sold, used for fuel, vented, etc.): Vented
Test Witnessed By: Mike Carter

35. List of Attachments: Deviation Survey

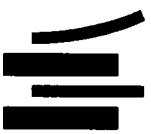
36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED Carla Sorrell TITLE Production Supervisor DATE 3-15-84





LTR



Job separation sheet

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 30 through 34 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	1470	T. Canyon		T. Ojo Alamo		T. Penn. "B"	
T. Salt	1547	T. Strawn		T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt		T. Atoka		T. Pictured Cliffs		T. Penn. "D"	
T. Yates	2264	T. Miss		T. Cliff House		T. Leadville	
T. 7 Rivers	2403	T. Devonian		T. Menefee		T. Madison	
T. Queen	3028	T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg		T. Montoya		T. Mancos		T. McCracken	
T. San Andres		T. Simpson		T. Gallup		T. Ignacio Qtzte	
T. Glorieta		T. McKee		Base Greenhorn		T. Granite	
T. Paddock		T. Ellenburger		T. Dakota		T.	
T. Blinebry		T. Gr. Wash		T. Morrison		T.	
T. Tubb		T. Granite		T. Todilto		T.	
T. Drinkard		T. Delaware Sand		T. Entrada		T.	
T. Abo		T. Bone Springs		T. Wingate		T.	
T. Wolfcamp		T.		T. Chinle		T.	
T. Penn.		T.		T. Permian		T.	
T Cisco (Bough C)		T.		T. Penn. "A"		T.	

OIL OR GAS SANDS OR ZONES

No. 1, from..... to..... No. 4, from..... to.....

No. 2, from..... to..... No. 5, from..... to.....

No. 3, from..... to..... No. 6, 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. .....

No. 4, from..... to..... feet. .....

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1470	1470	Surface, Redsands, Clays, Limes				
1470	1547	77	Anhydrite, Redbeds				
1547	2120	573	Salt				
2120	2264	144	Anhydrite, Salt, Redbeds				
2264	2403	139	Redsands, Clays				
2403	3028	625	Anhydrite, Redbeds, Sand				
3028	3108	80	Gray & Red Sands, Anhydrite				