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

**RECEIVED**

JUN 6 1977

5a. Indicate Type of Lease  
State  Fee

5. State Oil & Gas Lease No.

7. Unit Agreement Lease

8. Farm or Lease Name  
Lizzie Howard "HK"

9. Well No.  
1

10. Field and Pool, or Subject  
Upper Wildcat (Wolfcamp)

10. TYPE OF WELL  
OIL WELL  GAS WELL  **O.C.C. ARTESIA, OFFSHORE**

11. TYPE OF COMPLETION  
NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF. PRESVR.  OTHER

2. Name of Operator  
Yates Petroleum Corporation

3. Address of Operator  
207 South Fourth Street - Artesia, NM 88210

4. Location of Well

UNIT LETTER **K** LOCATED **2310** FEET FROM THE **South** LINE AND **1980** FEET FROM **Eddy**

15. Date Spudded **2-18-77** 16. Date T.D. Reached **3-9-77** 17. Date Compl. (Ready to Prod.) **4-28-77** 18. Elevations (DF, RKB, RI, GR, etc.) **3428' GR** 19. Elev. Casinghead

20. Total Depth **7407'** 21. Plug Back T.D. **7020'** 22. If Multiple Compl., How Many **Dual** 23. Intervals Drilled By **0-7407'** Rotary Tools **→** Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name  
**Atoka Comp Blocked off. 5055-5072' Upper Wolfcamp**

25. Was Directional Survey Made **NO**

26. Type Electric and Other Logs Run **DLL; CNL/FDC** 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
13-3/8"	64#	365'	17 1/2"	380 sacks	
8-5/8"	24#	1165'	12 1/4"	1225 sacks	
4 1/2"	11.6 & 10.5#	7404'	7-7/8"	600 sacks	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8"	4978'	4983'

31. Perforation Record (Interval, size and number)  
**5055-5072 w/11 .34" holes**

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5055-5072	2000g 15% DS-30 acid. Sand fracd w/80000g trtd wtr, 210000# sand, 20000# 100 mesh, 19000# 20-40 sand

33. PRODUCTION

Date First Production **4-28-77** Production Method (Flowing, gas lift, pumping - Size and type pump) **Flowing** Well Status (Prod. or Shut-in) **SI WOPLC**

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Perfor.	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
4-28-77	24	1/4"	→		300		

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
190	pkr	→		300		

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

35. List of Attachments

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.

*Oliver L. ...* Geological Secretary DATE **6-2-77**