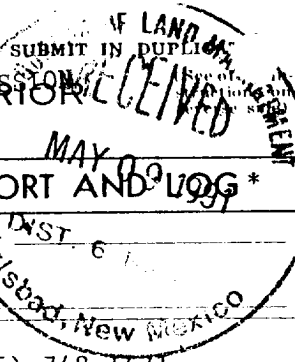


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

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 ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESER. ☐ OTHER ☐
2. NAME OF OPERATOR
YATES PETROLEUM CORPORATION (505) 748-1471
3. ADDRESS OF OPERATOR
105 South 4th St., Artesia, NM 88210
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 660' FNL & 1980' FEL, Sec. 1-22S-31E MAY 14 1991
At top prod. interval reported below
At total depth Same as above

5. LEASE DESIGNATION AND SERIAL NO.
NM 43556
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A
7. UNIT AGREEMENT NAME
N/A
8. FARM OR LEASE NAME
Unocal AHU Federal
9. WELL NO.
1
10. FIELD AND ZONE, OR WILDCAT
Livingston Ridge Delaware
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Unit B, Sec. 1-T22S-R31E

14. PERMIT NO. API #30-015-26698 | DATE ISSUED
15. DATE STUDDED 4-2-91 | 16. DATE T.D. REACHED 4-22-91 | 17. DATE COMPL. (Ready to prod.) 5-6-91 | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3574' GR | 19. ELEV. CASINGHEAD
20. TOTAL DEPTH, MD & TVD 8500' | 21. PLUG. BACK T.D., MD & TVD 7320' | 22. IF MULTIPLE COMPL., HOW MANY* | 23. INTERVALS DRILLED BY | ROTARY TOOLS 0-8500' | CABLE TOOLS
24. PRODUCING INTERVAL(S), OF THIS COMPLETION— TOP, BOTTOM, NAME (MD AND TVD)*
7069-7149' Delaware
25. WAS DIRECTIONAL SURVEY MADE
No
26. TYPE ELECTRIC AND OTHER LOGS RUN
CNL/LDT; DLL
27. WAS WELL CORED
No

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"		38'	26"	Redi-Mix	
13-3/8"	54.5#	865'	17 1/2"	800 SX	
8-5/8"	32#	4470'	11"	2155 SX	
5 1/2"	17# & 15.5#	8500'	7-7/8"	1240 SX	

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	6900'	-

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7069-7149' w/22 - .42" Holes				7069-7149'	w/3000g. 7 1/2% NEFE acid. SF w/15000g. X-link gel + 41000# 20/40 sd.

33.* PRODUCTION
DATE FIRST PRODUCTION 5-4-91
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping
WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 5-6-91
HOURS TESTED 24
CHOKE SIZE Open
PROD'N. FOR TEST PERIOD
OIL—BBL. 206
GAS—MCF. 125
WATER—BBL. 129
GAS-OIL RATIO 607
FLOW. TUBING PRESS. 30
CASING PRESSURE 30
CALCULATED 24-HOUR RATE
OIL—BBL. 206
GAS—MCF. 125
WATER—BBL. 129
OIL GRAVITY-API (CORR.) 38°

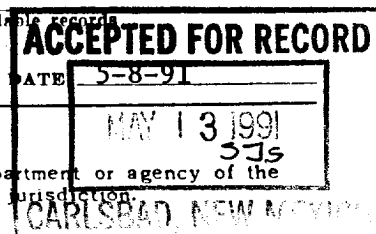
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Used on lease (100 MCFD); Flare 25 MCFD
TEST WITNESSED BY
Steve Cochran

35. LIST OF ATTACHMENTS
Deviation Survey, Logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.
SIGNATURE [Signature] TITLE Production Supervisor
DATE 5-8-91

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			DST #1 6960-7015': TIMES: 30", 60", 60", 60", 180", 60", 14". RECOVERY: 230' oil and gas + 90' water. Top Sample Rw: 38 gravity at 66°. Middle Sample Rw: Too thick to get gravity. Bottom Sample Rw: 86400 ppm Chl. SAMPLER: .69 cfg. 1700 cc oil, 400 cc gas cut water at 460 psi. SAMPLE Rw: 86400 ppm. Gravity 39 @ 72°. PRESSURES: DEPTH: 6947, IHP 3264, IFP 19-19, ISIP 1064, 2nd FP 84-106, 2nd SI 2881, 3rd FP 106-141, 3rd SI 408, FHP 3230.	Rustler B. Salt Delaware Cherry Canyon Brushy Canyon Bone Springs	602 4138 4439 5445 7198 8396	