

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other In-
structions on
reverse side)

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 ☐		1b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☐ DIFF. RESVR ☐ 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' FSL & 1980' FWL (Unit N, SESW)		5. LEASE DESIGNATION AND SERIAL NO. NM-0472639			
At top prod. interval reported below				At total depth		6. IF INDIAN, ALLOTTEE OR TRIBE NAME			
14. PERMIT NO. API 30-015-29746				DATE ISSUED JUN 1984		7. UNIT AGREEMENT NAME			
15. DATE SHUDDERED RH 12-1-97 RT 12-6-97				16. DATE T.D. REACHED 1-16-98		17. DATE COMPL. (Ready to prod.) 2-17-98			
18. ELEVATIONS (DF, HKB, RT, GR, ETC.)* 3161' GR				19. ELEV. CASINGHEAD		10. FIELD AND POOL, OR ALLUCAT Burlon Flat			
20. TOTAL DEPTH, MD & TVD 11226'				21. PLUG. BACK T.D., MD & TVD 11154'		22. IF MULTIPLE COMPL., HOW MANY*			
23. INTERVALS DRILLED BY 40-11226'				24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 10887-11049' Morrow		25. WAS DIRECTIONAL SURVEY MADE No			
26. TYPE ELECTRIC AND OTHER LOGS RUN CNL/LDC, BHC & Laterolog				27. WAS WELL CORED No		11. SECT., R., M., OR BLOCK AND SURVEY OR AREA			
28. CASING RECORD (Report all strings set in well)				CEMENTING RECORD		AMOUNT PULLED			
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE			
20"				40'		26"			
13-3/8"		48#		624'		17-1/2"			
8-5/8"		32#		2200'		12-1/4"			
5-1/2"		17#		11226'		7-7/8"			
29. LINER RECORD				30. TUBING RECORD		PACKER SET (MD)			
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT			
						SCREEN (MD)			
						SIZE			
						DEPTH SET (MD)			
						10785'			
						10803'			
31. PERFORATION RECORD (Interval, size and number) 11030-11049' w/48 .42" holes 10972-10992' w/52 .42" holes 10887-10924' w/120 .42" holes (ORIG. SGD.) GARY GOURLEY				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) SEE ATTACHED SHEET				AMOUNT AND KIND OF MATERIAL USED	
33. PRODUCTION				WELL STATUS (Producing or shut-in) Producing					
DATE FIRST PRODUCTION 4-10-98		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				DATE OF TEST 4-13-98			
HOURS TESTED 24		CHOKE SIZE 16/64"		PROD'N. FOR TEST PERIOD 3		OIL—BBL. 1208		GAS—MCF. 28	
FLOW. TUBING PRESS. 890#		CASING PRESSURE Packer		CALCULATED 24-HOUR RATE 3		OIL—BBL. 1208		GAS—MCF. 28	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold				TEST WITNESSED BY Gene Savoie				OIL GRAVITY-API (CORR.) N/A	
35. LIST OF ATTACHMENTS Drill Stem Tests, Deviation Survey & Logs				36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records				SIGNED Kustyn Klein	
TITLE Operations Technician				DATE April 27, 1998					

*(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
				Reef	546'	
				Delaware	2159'	
				Bone Spring	4447'	
				Wolfcamp	8612'	
				Strawn	9779'	
				Atoka	10001'	
				Morrow	10723'	

YATES PETROLEUM CORPORATION
South Avalon AQY Federal Com #1
Section 11-T21S-R26E
Eddy County, New Mexico

RESULTS OF DRILL STEM TESTS:

DST #1 10822-10918' (Morrow): TIMES: TO 20"; SI 60"; TO 90"; SI 180". RECOVERY:
360' of gas cut mud with trace of condensate. SAMPLER: 2.97 cfg. PRESSURES:
IHP 5709; IFP 149-183; ISIP 3667; 2nd FP 152-393; 2nd SIP 4605; FHP 5706

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

<u>DEPTH INTERVAL</u>	<u>TREATMENT</u>
11030-11049'	Acidized with 1500 gallons 7-1/2% iron control HCL acid with 1000 scf/bbl N2
10972-10992'	Acidized with 1500 gallons 7-1/2% iron control HCL acid with 1000 scf/bbl N2 and ball sealers