

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

FEB 17 11 27 AM '94
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. 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' FNL & 660' FEL (Unit A), Section 31-T19S-R24E

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED
API #30-015-27525 MAR 8 1994

15. DATE SPUDDED 8-31-93 16. DATE T.D. REACHED 10-5-93 17. DATE COMPL. (Ready to prod.) 10-23-93 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3851' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 9120' 21. PLUG, BACK T.D., MD & TVD 4440' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0-9120' ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME 3940-4130' Abo 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN CNL/LDT; DLL; Borehole Sonic 27. WAS WELL CORED No

CASING RECORD (Report all strings set in well)						CEMENTING RECORD		AMOUNT PULLED
CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	PIPE SIZE	CEMENT	RECORD			
20"		40'	26"	Redi-Mix				
13-3/8"	54.5#	376'	17-1/2"	500 sx - circulated				
9-5/8"	36#	1435'	12-1/4"	1010 sx - circulated				
5-1/2"	15.5# - 17#	9114'	7-7/8"	1600 sx				

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	4016'	

31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
3940-4014' w/34 - .42" Holes			DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3969-4130' w/34 - .42" Holes			3940-4130' Acidized in 6 stages w/8000g. 20% NEFE acid. Acidized 1 stage 25000g. 20% NEFE/HCl	
4078-4104' w/20 - .42" Holes				

33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
10-23-93		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2-14-94	24	2"	→	60	180	150	3000
FLOW. TUBING PRESS.	CASINO PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
80		→	60	180	150	44°	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Connected to Dagger Draw Processing Plant 2-2-94 TEST WITNESSED BY Ed Perry

35. LIST OF ATTACHMENTS Deviation Survey, Logs (DST's on back)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Quanta Bonilla TITLE Production Supervisor DATE 2-15-94

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

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, flowing and shut-in pressures, and recoveries):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
			DST #1 3946-4146' ABO: TIMES: 15", 60", 60", 120", 60". RECOVERY: 590' gas cut oil, 42° API @ 60°; 126' water, CI 65000-72000. SAMPLER: 180 psi, 1.62 cfg, 1100 cc of 42 gravity oil @ 60°, 300 cc water, 62000 CI .10 Rw @ 60°. PRESSURES: Depth 3912', IHP 1851, IFP 25-94, ISIP 1350, 2nd FP 82-218, 2nd SIP 1297, FFP 125-219, FHP 1844. BHT 98 deg F. DST #2 4150-4193' ABO DOLOMITE: TIMES: 15", 60", 60", 120", 60". RECOVERY: 3' (.01 bbls) drilling fluid, CI 72000. SAMPLER: 3 psi, 2400 cc mud, 72000 CI. PRESSURES: Depth - 4121', IHP 1954, IFP 18-19, ISIP 254, 2nd FP 18-19, 2nd SIP 42, FFP 19-19, FHP 1954. BHT 93 deg F.	San Andres Glorieta Abo Wolfcamp Canyon Lime Strawn Atoka Morrow Clastic Chester Limestone	385 1756 3805 4907 7282 7909 8404 8663 8875	