

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐		MAY 28 1980	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		U.S. GEOLOGICAL SURVEY ARTESIA, NEW MEXICO	
2. NAME OF OPERATOR Yates Petroleum Corporation			
3. ADDRESS OF OPERATOR 207 South 4th Street - Artesia, NM 88210			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1650' FSL & 1650' FEL of Sec. 3-18S-30E At top prod. interval reported below At total depth			
14. PERMIT NO. 32103		DATE ISSUED 5/28/80	
15. DATE SPUDDED 1-25-80		16. DATE T.D. REACHED 2-4-80	
17. DATE COMPL. (Ready to prod.) 5-20-80		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3524' GR	
19. ELEV. CASINGHEAD			
20. TOTAL DEPTH, MD & TVD 3777'		21. PLUG, BACK T.D., MD & TVD 3390'	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY →	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3367'-74' Grayburg		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray Neutron		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8-5/8"	24#	525'	11"
5 1/2"	14 & 15.5#	3777'	7-7/8"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-7/8"	3316'		
31. PERFORATION RECORD (Interval, size and number) 3367-74' w/14 .50" holes (2spf)			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
3367-74'		1000g 15% spearhead acid	
		Sand Frac'd w/10000 g Titan	
		30 & 1000g DS-30 and 25000# sand	
33. PRODUCTION			
DATE FIRST PRODUCTION 5-20-80		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping	
DATE OF TEST 5-26-80		WELL STATUS (Producing or shut-in) Producing	
HOURS TESTED 24	CHOKE SIZE 2"	PROD'N. FOR TEST PERIOD →	
FLOW. TUBING PRESS. 12	CASING PRESSURE 12	CALCULATED 24-HOUR RATE →	
OIL—BBL. 10	GAS—MCF. 2.6	WATER—BBL. 90	GAS-OIL RATIO 260/1
OIL GRAVITY-API (CORR.) 35.0			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented—will probably be used for lease fuel if sufficient			
35. LIST OF ATTACHMENTS			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED Christine Tomlinson		TITLE Geol. Secty	
DATE 5-27-80			

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) - (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple-stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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 TEST. DEPTH
				Yates	1548'	
				Queen	2548	
				Grayburg	2918	
				Loco Hill	3040	
				San Andres	3480	