

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other
instruction
reverse side)Form approved,
Budget Bureau No. 42-R355.6.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____				5. LEASE DESIGNATION AND SERIAL NO. NM 2593	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____				6. IF INDIAN, ALIOTTEE OR TRIBE NAME _____	
2. NAME OF OPERATOR Yates Petroleum Corporation				7. UNIT AGREEMENT NAME _____	
3. ADDRESS OF OPERATOR 207 South 4th Street - Artesia, NM 88210				8. FARM OR LEASE NAME Ed Powell Federal IG	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1650' FSL & 330' FWL of Sec. 18-26S-38E At top prod. interval reported below At total depth				9. WELL NO. 1	
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT Undesignated	
15. DATE SPUDDED 6-28-77 16. DATE T.D. REACHED 7-11-77 17. DATE COMPL. (Ready to prod.) 10-1-77				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 18-26S-38E Unit L NMPM	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3002'				12. COUNTY OR PARISH Lea	
19. ELEV. CASINGHEAD				13. STATE NM	
20. TOTAL DEPTH, MD & TVD 3750' 21. PLUG, BACK T.D., MD & TVD 3733'				22. IF MULTIPLE COMPL., HOW MANY* _____	
23. INTERVALS DRILLED BY _____ ROTARY TOOLS 0-3750' CABLE TOOLS _____				24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3596-3637' - Queen Penrose	
25. WAS DIRECTIONAL SURVEY MADE NO				26. TYPE ELECTRIC AND OTHER LOGS RUN DLL & FDC GR	
27. WAS WELL CORED NO				28. CASING RECORD (Report all strings set in well)	
CASING SIZE		WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD
8-5/8"		24#	398'	12 1/4"	250 sacks
5 1/2"		14#	3733'	7-7/8"	125 sacks
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
30. TUBING RECORD					
SIZE	DEPTH SET (MD)		PACKER SET (MD)		
2-3/8"	3576'				
31. PERFORATION RECORD (Interval, size and number) 3596-3637' w/24 .32" holes					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)			AMOUNT AND KIND OF MATERIAL USED		
3596-3637'			2000 g 15% MCA, 23725 g		
			treated water, 17500#		
			20-40 sand, 5000# 100		
			mesh		
33.* PRODUCTION					
DATE FIRST PRODUCTION 10-1-77		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping			WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 11-4-77	HOURS TESTED 24	CHOKE SIZE 2"	PROD'N. FOR TEST PERIOD →	OIL—BBL. 7	GAS—MCF. 1
FLOW. TUBING PRESS. 25		CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL. 7	GAS—MCF. 1
				WATER—BBL. 2	GAS-OIL RATIO 143/1
				WATER—BBL. 2	OIL GRAVITY-API (CORR.)
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for fuel on lease					
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 <u>Christine Johnson</u>		TITLE <u>Geol. Secty</u>		DATE <u>11-18-77</u>	

*(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	MEAS. DEPTH	TRUE VERT. DEPTH
				Salt	982'	
				Base Salt	2531'	
				Yates	2681'	
				Queen	3451'	
				Penrose	3580'	