

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on
reverse side)Form approved.
Budget Bureau No. 42-R365.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL ☐	GAS WELL ☒	DRY ☐	Other ☐	5. LEASE DESIGNATION AND SERIAL NO.	
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other ☐
2. NAME OF OPERATOR						7. UNIT AGREEMENT NAME	
Yates Petroleum Corporation						Harvey JI Federal	
3. ADDRESS OF OPERATOR						9. WELL NO.	
207 South 4th Street - Artesia, NM 88210						1	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)						10. FIELD AND POOL, OR WILDCAT	
At surface 1780' FSL & 1980' FEL of Sec. 23-21S-21E						Undesignated	
At top prod. interval reported below						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA	
At total depth						Sec. 23-21S-21E	
14. PERMIT NO.						12. COUNTY OR PARISH	
DATE ISSUED						Eddy	
15. DATE SPUNDED						13. STATE	
5-4-78						NM	
16. DATE T.D. REACHED						19. ELEV. CASINGHEAD	
6-5-78						4562' GR	
17. DATE COMPL. (Ready to prod.)						20. TOTAL DEPTH, MD & TVD	
8-28-78						8364'	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*						21. PLUG, BACK T.D., MD & TVD	
4562' GR						5990'	
22. IF MULTIPLE COMPL., HOW MANY*						23. INTERVALS DRILLED	
0-8364'						24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*	
5899-5969' Cisco						25. WAS DIRECTIONAL SURVEY MADE	
26. TYPE ELECTRIC AND OTHER LOGS RUN						27. WAS WELL CORED	
CNL/FDC, DLL						No	
28. CASING RECORD (Report all strings set in well)							
CAS. NO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
13-3/8"	48#	300'	17 1/2"	325 sacks			
8-5/8"	24#	1617'	12 1/4"	950 sacks			
4 1/2"	11.6 & 10.5#	8153'	7-7/8"	690 sacks			
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	5820	5820
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
5899-5969' w/52 .41" shots (2 spf)				DEPTH INTERVAL (MD)			
5899-5903 (8 holes), 5922-24' (4 holes)				5899-5969'			
5926-29' (6 holes), 5944-49' (10 holes)				AMOUNT AND KIND OF MATERIAL USED			
5955-60' (10 holes), 5962-69' (14 holes)				3000g 15% DS-30 acid			
33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
8-28-78		Flowing				SIWOPLC	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-28-78	24	1/2"	→	-	225	-	-
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
28#	pkf	→	-	225	-	-	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
Will be sold						Harvey Apple	
35. LIST OF ATTACHMENTS							
DST's							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED		TITLE				DATE	
Christine Tomlinson		Geol. Secty				9-14-78	

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