

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other 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 <u>JUN 21 1977</u>		5. LEASE DESIGNATION AND SERIAL NO. NM-15016	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Harvey E. Yates Company, Inc.		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 1000 Security National Bank Bldg., Roswell, New Mexico 88201		8. FARM OR LEASE NAME Exxon Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FNL & 1980' FWL At top prod. interval reported below Same At total depth Same		9. WELL NO. 2	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 5-22-77		16. DATE T.D. REACHED 5-28-77	
17. DATE COMPL. (Ready to prod.) 6-6-77		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4231.2' GL	
20. TOTAL DEPTH, MD & TVD 3850' KB		21. PLUG. BACK T.D., MD & TVD 3832' KB	
22. IF MULTIPLE COMPL., HOW MANY* Single		23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS 0-3850'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* San Andres 3607½' - 3799'		25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray Neutron - Sidewall Neutron Porosity		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"	20#	255'	11"
4 ½"	9.5#	3846'	7 7/8"
CEMENTING RECORD			
125 Sx Class C 2% CaCl			
275 Sx Class C 50-50 Poz			
AMOUNT PULLED Circ 20 Sx			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8"	3823'		
31. PERFORATION RECORD (Interval, size and number)			
3795', 3797', 3799' - 3 Shots			
3733', 3735½', 3738½' - 3 Shots			
3664', 3673', 3692', 3697½', 3702', 3704',			
3705½' - 7 Shots			
3607½', 3612', 3616½', 3619', 3623', 3625' -			
33. 6 Shots			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
3795' - 3799'		250 Gals 15% NE acid	
3664' - 3685½'		250 Gals 15% NE acid	
3607½' - 3625'		250 Gals 15% NE acid	
3607½' - 3799'		5000 Gals 20% NE acid	
33. PRODUCTION			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	
		Pumping	
WELL STATUS (Producing or shut-in) S.I.			
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROF.N. FOR TEST PERIOD
6-4-77	4½ Hrs		
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24 HOUR RATE	OIL—BBL.
			Est. 40
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented		35. LIST OF ATTACHMENTS Electric logs	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <u>Harvey E. Yates</u>		TITLE <u>Vice President</u>	
		DATE <u>June 20, 1977</u>	

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

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