

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42 R3550

WELL COMPLETION OR RECOMPLETION REPORT

RECEIVED
MAR 18 1977
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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
Harvey E. Yates Company, Inc.

3. ADDRESS OF OPERATOR
Suite 1000 Security National Bank Bldg., Roswell, N.M. 88201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1980' FNL & 660' FWL
At top prod. interval reported below Same
At total depth Same

14. PERMIT NO. DATE ISSUED
O. C. C. MAR 21 1977
ARTESIA, NEW MEXICO

5. LEASE DESIGNATION AND SERIAL NO.
NM-15016

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Exxon Federal

9. WELL NO.
3

10. FIELD AND POOL, OR WILDCAT
Cato-San Andres

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 6, T-8S, R-31E

12. COUNTY OR PARISH
Chaves

13. STATE
N. M.

15. DATE SPUDDED 2-22-77 16. DATE T.D. REACHED 3-2-77 17. DATE COMPL. (Ready to prod.) 3-7-77 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4221.6 GL 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 3810' 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0' - 3810' ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
3606' - 3708' San Andres

25. WAS DIRECTIONAL SURVEY MADE
Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN
Sidewall Neutron Porosity, Dual Laterolog Micro-SFL

27. WAS WELL CORED
No

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	20#	266'	11"	100 Sx Class C Cal Chl -	Circ 10 Sx Neat
4 1/2"	9.0#	3810'		275 Sx Class C 50-50 POZ	2% Gel, 6# Salt

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	3772'	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3606', 3608', 3661', 3672', 3676', 3684', 3694; 3715', 3724', 3726', 3728'. Total 11 Shots		3606' - 3608'	250 Gals 15% NE acid
		3661' - 3694'	250 Gals 15% NE acid
		3715' - 3728'	250 Gals 15% NE acid
		3606' - 3708'	5000 Gals 20% HCL w/1 ball sealer

33. PRODUCTION per 5 bbl acid.

DATE FIRST PRODUCTION 3-7-77 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping WELL STATUS (Producing or shut-in) Wait. on Pump Unit

DATE OF TEST 3-7-77 HOURS TESTED 10 CHOKE SIZE PROD'N. FOR TEST PERIOD 83.6 OIL—BBL. GAS—MCF. TSTM WATER—BBL. GAS-OIL RATIO 83.2 Acid Water

FLOW, TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE 80 BBL/Day TSTM OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY Peck Hardee

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

TITLE

Vice President

DATE

March 16, 1977

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

VAL 2157
JUL 1971
MHI.