

N M O C. C. COP
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM-19672

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

RECEIVED

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Harvey E. Yates Company, Inc.		8. FARM OR LEASE NAME Pennzoil Federal	
3. ADDRESS OF OPERATOR Suite 1000 Security National Bank Bldg., Roswell, N.M. 8201		9. WELL NO. #1	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1980' FNL & 1980' FWL		10. FIELD AND POOL, OR WILDCAT Scanlon Morrow	
14. PERMIT NO.		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3246.40' GL 3261' KB	
		12. COUNTY OR PARISH Eddy	
		13. STATE N.M.	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

Additional treating

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

3-06-77 Western Co. rigged up to frac.

Treated well with: 26,000 gal. 5% MS gelled acid., 14,000 gal. CO₂, 10,000# 100 mesh sand, 6000# 40-60 mesh sand, 24,000# 20-40 mesh sand. 4000# 12-20 silica proppant in three stages with 16 ball sealers between stages. Stage 1 - 252 Bbl; Stage 2 - 144 Bbl; Stage 3 - 578 Bbl. Flushed with 36 Bbl 2% KCL water with 12 Bbl CO₂. Maximum pressure: 8750 psi. Minimum pressure - 7300 psi. Average pressure - 8200 psi. IDSP - 3900 psi. 15 min SIP - 3550 psi. AIR - 9 BPM. 655 Bbl acid water to recover. 1 1/2 hr SIP - 3300 psi. Open well to pits at 3:20 P.M. on 48/64" choke. Flowing acid water and CO₂. Started making gas at 10:35 P.M.

RECEIVED

MAR 17 1977

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

18. I hereby certify that the foregoing is true and correct

SIGNED

Harvey E. Yates

TITLE

Vice President

DATE

March 14, 1977

(This space for Federal or State office use)

APPROVED BY

Joe J. Lane

TITLE

ACTING DISTRICT ENGINEER

DATE

MAR 21 1977

CONDITIONS OF APPROVAL, IF ANY: