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Form 9-331
(May 1963)

NMOCC COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM-23417

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.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	7. UNIT AGREEMENT NAME Travis Deep Unit
2. NAME OF OPERATOR Harvey E. Yates Company, Inc.	8. FARM OR LEASE NAME
3. ADDRESS OF OPERATOR 1000 Security National Bank Bldg., Roswell, N.M. 88201	9. WELL NO. 2
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1980' FNL & 1780' FEL	10. FIELD AND POOL, OR WILDCAT Wildcat Und Maraca
14. PERMIT NO. D.C.C.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3618' GL
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 13, T-18S, R-28E	12. COUNTY OR PARISH Eddy
	13. STATE N. M.

JUN 23 1977

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) DST #2, #3 and #4

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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.) * DST #2 (9090' - 9220')

6-6-77 Opened tool at 11:05 AM with good blow increasing to strong. Switched to 1/4" choke. Final flowing pressure - at end of 60 minutes 108 psig (gas to surface in 16 minutes in initial flow period). Estimated flow rate 180 mcf/d. Shut in for 240 minutes. Re-opened 2nd flow period on 1/4" choke for 60 minutes. Good blow increasing to strong. Maximum 85 psig on 1/4" choke. Increased choke to 3/8" for last 240 minutes of flow period. Pressure declined to 17 psig at end of flow period. Estimated rate 108 mcf/d. SI for 10 hrs (final shut in). Recovered 1674' of condensate and 120' of drilling fluid. Sampler: 2200 psig; 11.2 cf gas; 950 cc liquid (900 cc condensate & 50 cc drilling fluid).

Pressures:

Initial Hydrostatic: 4321 psig

Initial flow pressure: 209 psig increasing to 419 psig

Initial SI pressure: 3865 psig

Final flow pressure: 279 psig increasing to 594 psig

Final SI: 3107 psig

Final Hydrostatic: 4268 psig

BHT: 139°F

RECEIVED

JUN 21 1977

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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

SIGNED

TITLE

Vice President

DATE

June 14, 1977

(This space for Federal or State office use)

APPROVED BY

TITLE

ACTING DISTRICT ENGINEER

DATE

JUN 22 1977

CONDITIONS OF APPROVAL, IF ANY: