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SUNDRY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO REFRACK OR TO REPERF OR TO REFRACK TO A DIFFERENT RESERV. IN
USE THIS APPLICATION FOR PERMIT TO DRILL OR REFRACK TO A DIFFERENT RESERV. IN

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER

2. Name of Operator
Harvey E. Yates Company

3. Address of Operator
P. O. Box 1933, Roswell New Mexico 88201

4. Name of Well

5. Well No. 2

6. Field No. 660 C 660 FEET FROM THE North LINE AND 1980 FEET FROM West LINE SECTION 13 TOWNSHIP 18S RANGE 28E RANGE

10. Estimate Type of Lease
State ☒ Fee ☐

11. State Oil & Gas Lease No.
E-1287

12. Unit Agreement Name

13. Field of Lease Name
Travis 13 State

14. Well No.
2

15. Field No. 660 C 660 FEET FROM THE North LINE AND 1980 FEET FROM West LINE SECTION 13 TOWNSHIP 18S RANGE 28E RANGE

16. Field No. 660 C 660 FEET FROM THE North LINE AND 1980 FEET FROM West LINE SECTION 13 TOWNSHIP 18S RANGE 28E RANGE

17. County
Eddy

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

TEMPORARILY ABANDON ☐

PULL OR ALTER CASING ☐

OTHER ☐

PLUG AND ABANDON ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

CONCRETE CEMENTING WORK ☐

CASING TEST AND CEMENT JOBS ☐

ALTERING CASING ☐

PLUG AND ABANDONMENT ☐

OTHER Drill out, Re-Perf, Acidize, Swab Test ☒

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

- 7/16 & 7/17/81 Drill out cement from 9507' to 9900'.
- 7/20/81 Perf from 9820' to 9838' w/2 JSPF (total of 36 holes). Spotted 250 gal 15% MSR-100 @ 9840'. Pulled up and set pkr @ 9700'; Started break down; formation broke @ 1000 psi.
- | | | | |
|-------------|----------|------------|---------|
| Max Press | 2400 psi | Max Rate | 3/4 BPM |
| Avg Press | 2000 psi | Avg Rate | 1/2 BPM |
| Final Press | 2400 psi | Final Rate | 3/4 BPM |
- ISIP-2150 psi; 5" SIP-1950 psi. TLTR-50 BB1. Swab Tested. SD.
- 7/21/81 Swabbing
- 7/22/81 Acidize w/2000 gal 20% MSR-100
- | | | | |
|-------------|----------|------------|-------|
| Max Press | 4700 psi | Max Rate | 4 BPM |
| Avg Press | 2500 psi | Avg Rate | 3 BPM |
| Final Press | 4700 psi | Final Rate | 4 BPM |
- ISIP-3200 psi; 5" SIP-3100 psi. 88 BLTR. Swbd 50 BF.
- 7/27/81 POH w/tbg and pkr. RU Bo-Monk tbg tester. Started in hole w/Baker prk, tbg. Tested to 8000 psi. Set pkr @ 9600'.
- 7/28-2/29/81 Swab Testing
- 7/31/81 Ran Temp and Pump-In Tracer Surveys. Field analysis: 75% fluid entry @ 9748', channeling back to 9680'; 25% fluid entry @ 9820' to 9838'. RD Tree; RU BOP. Unseated pkr and started OOH. SD.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Paul J. Lander TITLE Engineer DATE August 18, 1981

APPROVED BY Mike J. Williams TITLE MANAGER OHS INSPECTOR DATE AUG 25 1981

CONDITIONS OF APPROVAL, IF ANY:

8 01/81 TIH w/Halliburton retainer and 2 3/8" tbg: set retainer @ 9407'. Ru Halliburton to squeeze perfs from 9749' to 9838' w/400 sx class "H" cement w/.8% Halad "9". Squeased to 6200 psi - held o. k. Reversed out 80 sx of cement. POH. SD. Started RU Reverse Unit. TIH w/3 3/4" bit, csg scraper, 4 DCS and 2 3/8" tbg. Started drlg cement @ 9397'; drld 10' of cement and drld retainer. SD. Continued to drill cement out to 9890'. Circulated hole clean w/2% KCl water; tested csg to 1500 psi - held o. k. Spot 250 gal 15% HCl acid @ 9852'. Pulled tbg to 9800'; reversed out excess acid. POH w/bit, csg scraper, DCS and 2 3/8" tbg. Perf form 9820' to 9838' w/2 JSPP (36 holes). Started in hole w/3 jts of tbg, Baker Lok-Set pkr, SN and 2 3/8" tbg. Set pkr @ 9727'; bottom of tbg @ 9820'. SD. Break down new perfs. Formation broke @ 4000 psi; formation feeding @ 1/2 BPM @ 4500 psi. Pumped 3 BBI 2% KCl water. SD. ISIP-4300 psi; 5" SIP-3600 psi. RU to swab; IFL @ surface; FFL-9727' from surface (SN). Rec 43 BBI water and acid. SDEN.

8 07-8/10/81 Swab Test.

8 11/81 SITP-30 psi. IFL-9300' from surface Ran swab; no rec; rec some plastic. Acidized w/4000 gal 20% NE-FE acid, 66 ball sealers and 2% KCl flush w/1000 SCF N₂/BBI

Max Press	7200 psi	Max Rate	7 BPM
Avg Press	5820 psi	Avg Rate	5.5 BPM
FFIP	7200 psi	Final Rate	4.5 BPM

ISIP 5300 psi; 5" SIP-4700 psi; 10" SIP-4200 psi. 121 BBI L&AWTR. Used 113,000 SCF N. Small amount of ball action. Swab & flow testing well.