

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.O.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	
State ☐	Fee ☒
5. State Oil & Gas Lease No.	

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 - II" (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL ☐ GAS WELL ☒ OTHER ☐

Name of Operator
Harvey E. Yates Company

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

Location of Well
UNIT LETTER C . 660 FEET FROM THE North LINE AND 1980 FEET FROM

THE West LINE, SECTION 32 TOWNSHIP 13S RANGE 36E NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)

3975' GR

12. County

Lea

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

OTHER ☐

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOBS ☐

ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

OTHER Run tubing & packer, Perforate, Acidize and 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.

5/27/80 RU Well Service Unit. Set pipe racks and unloaded 13,000' of 2 3/8" OD, N-80, EUE tbg; cut off 5 1/2" csg and NU tbg spool and hydraulic BOP. Set frac tank and filled w/3% KCl water. SD.

5/28/80 Ran bit and csg scraper and 402 jts 2 3/8" N-80 tbg; hung tbg @ 12,959'. SD.

5/29/80 RU WEstern Company; displaced fresh water out of csg w/3% KCl water. Spotted 600 gal 10% acetic acid from 12,900' to 12,300'. RD Western Company; POH w/tbg, scraper and bit. SDFN.

5/30/80 RU CRC Wireline. Ran Gamma Ray Correlation log from 13,050' to 12,050'. Perf 5 1/2" csg from 12,315' to 12,331' (17' - 68 shots), 12,538' to 12,553' (16' - 64 shots), 12,637' to 12,642' (6' - 24 shots), 12,855' to 12,860' (6' - 24 shots) and 12,873' to 12,900' (28' - 112 shots). On last perf run, gun hung in csg collar @ 12,538'; unable to move gun up or down. Pulled out of rope socket w/5000# pull. RD CRC and closed in well.

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

SIGNED Paul J. Linder

TITLE Engineer

DATE June 24, 1980

Orig. Signed by
Les Clements

APPROVED BY Oil & Gas Insp.

TITLE

DATE

AUG 12 1980

CONDITIONS OF APPROVAL, IF ANY

5/31/80 Ran Bowen overshoot w/3 1/8" grapple, jars, bumper sub and two 3 1/2" OD DCS on 2 3/8" OD N-80, EUE tbg. Latched onto fish @ 12,538' and POH. Rec wireline rope socket and collar locator. The 4" x 16" steel carrier gun had unscrewed from collar locator and was left in hole. SDFN.

6/01/80 TIH w/Bowen overshoot w/2 3/8" grapple, DCS and tbg. Latched onto fish and POH; bottom 4' of gun had fired; balance (12') had misfired. Closed well in and SDFN.

6/02/80 SD.

6/03/80 RU CRC Wireline. Re-perf 5 1/2" casing from 12,538' to 12,549' w/40% Benzoic acid flakes. Set RBP @ 12,966'. Closed well in and SD.

6/04/80 RU Western Co. Set pkr @ 12,918'. Acidized perfs 12,873' to 12,900' and 12,855' to 12,860' w/1000 gal 7 1/2% MS acid. Formation broke @ 3000 psi, back to 2700 psi. SI. Max press 4400 psi; ATP-4000 psi @ 1.8 BPM. Instant SI press 3700 psi.

5" SIP-1900 psi. Re-released press; set RBP @ 12,680' and pkr @ 12,613'. Acidized perfs from 12,642' to 12,642' w/500 gal 7 1/2% MS acid; formation broke @ 4200 psi to 4000 psi. Max press-4400 psi w/5 BBL acid formation. Pkr started leaking; released press and reset pkr @ 12,508'. Finished flush w/avg press of 4100 psi @ .6 BPM. ISIP-4000 psi; 5" SIP-3400. PU and set RBP @ 12,292' and pkr @ 12,257'. Tested RBP and pkr in blank pipe to 4400 psi - held O.K. Reset RBP @ 12,363' and pkr @ 12,290'. Acidized perfs from 12,315' to 12,331' w/1000 gal 7 1/2% MSR acid. Formation started feeding @ 3200 psi @ .8 BPM. Increased rate, treated @ 4500 psi @ 2.4 BPM. ISIP-3400 psi; 5" SIP-2600 psi. 208 BBL L&A water to rec. SD 2 hrs; changed out tbg line; began pulling tbg, pkr and RBP OOH.

6/06 - 6/11/80

Swab & flow testing well

6/12/80

Re-acidized. Perfs 12,315' to 12,900' w/7500 gals 7 1/2% MS acid in 3 stages using 60/40 mixture of blocking material (60% Rock Salt - 40% Benzoic acid flakes). All acid & flush contained 1000 scf N₂/BBL. Avg rate - 6.2 B/M @ 7800 psi. ISIP 4800 psi 15" SIP 4300 psi.

6/13 - 6/18/80

Swab & flow tested load, acid and formation gas.

6/19/80

Flowed 836 MCF/D thru 1 1/2" ck FTP 120 psi. Shut well in.

6/20/80

SITP 2400 psi/13 hrs.