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5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
V-219	

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 -" (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 <u>N</u>	<u>1980</u> FEET FROM THE <u>West</u> LINE AND <u>660</u> FEET FROM	
THE <u>South</u> LINE, SECTION <u>36</u>	TOWNSHIP <u>11S</u>	RANGE <u>37E</u> NMPL.

7. Unit Agreement Name N.W. Gladiola Unit
8. Farm or Lease Name
9. Well No. 1
10. Field and Pool, or Wildcat Wildcat
11. Elevation (Show whether DF, RT, GR, etc.) 3896.3' 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 ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☒	
		OTHER <u>Log, perforate, acidize & test, squeeze</u> ☒ <u>re-acidize and test.</u>	

7. 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.

11/05/80 RU completion unit - NU BOP & RIH w/ 2 3/8" tbg, scraper & bit.
11/06/80 Circ. csg w/ 2% KCl water. Tested casing & BOP to 2000 psi/30 min. O.K.
Spotted 250 gals 10% acetic @ 9800'. POH w/tbg.
11/07/80 RU CRC Wireline. Ran CBL and GR w/collar locator from PBTD to 8200'. Perf 4 1/2" csg w/2 JSPF at the following intervals: From 9536' to 9545', 9564' to 9580', 9640' to 9658', 9708' to 9712' and 9744' to 9768' (total of 71' - 142 holes)
11/11/80 Tested 2 3/8" tbg in hole to 7000 psi. Did not find any tbg leaks. RD testers. Set RBP @ 9807' and retrievematic pkr @ 9800'. Tested pkr. and RBP to 3000 psi; held O.K. Straddled perfs from 9708' to 9768'. Press up perfs communicated. Unset pkr and reset @ 9479'. Acidized w/6500 gal 15% DS-30 acid. Treated perfs from 9536' to 9768'. Injected 100 ball sealers in stages of 20 balls/26 BBL of acid. Had good ball action. Max press-6500 psi; avg press - 4700 psi @ avg rate of 2.6 bbl/min. FPIP-3400 psi; ISIP-3400; 5" SIP-2800 psi; 10" SIP-2500 psi; 15" SIP-2200 psi. Opened well to test tank; bled press down from 2200 psi to 0 psi in 30". Swbd 26 BL&AW in 3hrs. IFL @ surface; FFL-800' from surface. Shut well in @ 5:00 p.m. Total load to rec 176 bbl.
11/12/80 thru 11/18/80
Swab Tested. Rec. 409 bbl formation water and 95 BO.

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

SIGNED <u>Peter J. Hardee</u>	TITLE <u>Engineer</u>	DATE <u>12/15/80</u>
APPROVED BY _____	TITLE _____	DATE _____
CONDITIONS OF APPROVAL, IF ANY:		

11/19/80 Pulled tbgs 00H. Ran pump-in-tracer survey.
 11/20/80 SD
 11/21/80 SICP-0 psi. RIH w/146 stds of tbgs and Baker Model K-1 cement retainer. RU Halliburton; set retainer @ 9462'; tested tbgs to 5000 psi; established rate @ 2 1/2 BPM @ 800 psi. Squeezed perfs from 9536' to 9768' w/100 sx CI "H" cement w/ 6/10% Halaad "22" and 8# salt/sx and 50 sx CI "H" neat. Max press-4500 psi; final squeeze press-4000 psi. POH w/tbgs and stringer. SI. WOC.
 11/22/80 PU 6 DCS, bit and sub. RIH w/140 stds of tbgs; tagged cement retainer @ 9462'; pulled 1 std. SI. RU Reverse Unit. SD.
 11/23/80 SD
 11/24/80 Drig cement @ 9628'. SD.
 11/25/80 SD due to weather conditions.
 11/26/80 Drld from 9628' to 9812'. POH to DCS and shut in well. Released Reverse Unit.
 11/27/80 SD
 11/28/80 SICP-0 psi. LD six 3 3/8" DCS. RU CRC Wireline. Perf from 9640' to 9645' (5'-6 shots) and from 9745' to 9750' (5' - 6 shots). RD CRC. RIH w/296 jts 2 3/8" tbgs. Set RTM PKR @ 9597' (43' above perfs). Swbd dry in 6 runs; rec 38 BW. No show gas. Shut in well and SD.
 11/29/80 SICP-0 psi. No show of gas. IFL-7900' from surface. Swbd dry in 3 swab runs. Unable to get acid trucks to location due to muddy roads. SD @ 11:00 a.m.
 11/30/80 SD
 12/01/80 SICP-0 psi. IFL-8000' from surface. Pulled 6 BW in 2 runs; swbd dry. RU Western Co. Pumped 1000 gal 15% DS-30 acid w/14 BBL flush. Opened by-pass and unset PKR. Ran tbgs down to 9750'. Washed acid by perfs @ 1/2 BPM. Pulled 5 jts tbgs and set PKR @ 9597'. Treated w/1000 gal @ 4500 psi min; max 5900 psi; avg 5000 psi. Infected rate 2 BPM on acid; injection rate on flush 1 BPM; avg injection rate 1 BPM. ISIP-4200 psi; 5" SIP-2500 psi; 10" SIP-1800 psi; 15" SIP-1300 psi. RD Western. 48 BBL load to rec. Bled tbgs down. RU swab; IFL @ surface. Made 7 runs; FL stabilized @ 3200'. Swbd 70 BW (22 FB over load). SD @ 5:p.m. No show of oil or gas.
 12/02/80 WATER ANALYSIS TAKEN 12/2/80:
 SpGr 1.1 @ 75°F
 pH 6.5
 Fe ' Slight Trace
 H₂SO₄ 0
 NaK 25,829
 Ca 24,000
 Mg 1215
 Cl 84,000
 HCO₃ 1708
 SO₄ 1170
 NaCl 138,180
 RW 0.056 @ 75°F