

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

OIL CONSERVATION DIVISION

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

Form C-103
Revised 10-1-7

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
LG-3334

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.)

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. Location of Well UNIT LETTER <u>H</u> <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE, SECTION <u>19</u> TOWNSHIP <u>14S</u> RANGE <u>36E</u> N.M.P.M. 15. Elevation (Show whether DF, RT, GR, etc.) 3670' GL	7. Unit Agreement Name 8. Farm or Lease Name Superior 19 State 9. Well No. 1 10. Field and Pool, or Wildcat Austin-Mississippian 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>Core No. 1, DST</u> ☒

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.

9/23/80 Drilling @ 13,319' lime and sand. Cut core No. 1 from 13,245' - 13,275' (30').

9/24/80 Depth - 13,400' lime, shale & sand on DST #3.

Results of DST #3 from 13,116' to 13,400' (284')

At 6:a.m. 9/24/80, loaded DP w/1500 psi N₂ blanket. 7:00 set pkrs and opened tool 1500 psi SISP; 7:15 closed tool for 60" 1st SIP w/1500 psi SISP; 8:15 opened tool for 60" 2nd FP on 1/4" choke-1000 psi; 8:30 closed 1/4" choke opened 1/2" choke-900 psi; 9:15 closed tool for 120" 2nd SIP-150 psi; 11:15 opened tool for 125" FF on 1/4" choke-0 psi; fair blow increasing to good; 11:20 - 1/4 psi increasing slightly; 11:25-3/4 psi; 11:50 - 1/2 psi blow decreasing; 12:00 Noon-1/4 psi weak blow; 1:00 p.m. - 0 psi weak blow; 1:20 closed tool for 5-hr FSIP-0 psi very weak blow. Pulled pkrs free @ 6:20; pulled test tool OOH; rec 392' of drlg mud. Sampler: 50 psi; 0 CFG, 0 oil, 0 water, 600 cc mud.

CONTINUED

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

SIGNED Paul J. Hardee TITLE Engineer DATE 9/30/80

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

15" IF-FF	2313.5-2307.7 psi
60" ISIP	3148.5 psi
60" 2nd IF-FF	1637.8-432.7 psi
120" 2nd SIP	1078 psi
130" 3rd IF-FF	200.2-205.7 psi
300" FSIP	1993.4 psi
BHT	196°

9/28/80 Depth - 13,658' on DST #4. Directional Survey: 1 1/4° from vertical S 60° E @ 13,628'. Results of DST #4 from 13,410' to 13,658':

Press DP to 1500 psi N₂.

- 1) Opened tool w/1500 psi. Did not bleed N₂ press down to 1000 psi.
- 2) Reopened tool for 90" 2nd flow. SP-1000 psi; bled down to 45 psi @ end of flow period. Closed well in for 120" 2nd CIP.
- 3) Reopened tool for 90" 3rd flow. SP-0 psi w/good blow, decreasing to very weak blow in 45"; no GTS. Closed tool for 270" 3rd CIP. POH.

Rec 150' drlg fluid. Sampler: 55 psi; .03 CFG; 600 cc mud; BHT 195° F.

PRESSURES:

IHP	6695 psi
15" IF-FF	2404-2404 psi
60" ISIP	2805 psi
2nd IF-FF	1631-143 psi
120" 2nd CIP	344 psi
90" 3rd IF-FF	86-86 psi
270" 3rd CIP	200 psi
FHP	6695 psi

9/30/80 TD-13,708' on trip out w/DST #5. Formation lime and shale; DST #5 from 13,628' to 13,708' was a mistrun (pkr failure).