

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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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 ☒ For ☐
5. State Oil & Gas Lease No.
V-122

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

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER	7. Unit Agreement Name
2. Name of Operator Harvey E. Yates Company	8. Farm or Lease Name Lovington 29 State
3. Address of Operator P. O. Box 1933, Roswell, New Mexico 88201	9. Well No. 1
4. Location of Well UNIT LETTER <u>D</u> <u>510</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE, SECTION <u>29</u> TOWNSHIP <u>16S</u> RANGE <u>37E</u> NNPM.	10. Field and Pool, or Wildcat N.E. Lovington Penn.
11. Elevation (Show whether DF, RT, GR, etc.) 3814.3 GL	12. County Lea

16. 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 ☐
OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOBS ☒
OTHER BOP Test, DST, Fishing Job ☒
ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

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.

8/24/80 Depth-8475' on bit trip and Yellow Jacket. Formation- li; drlg w/fresh water; 373' of progress. Tested BOP & HP Manifold to 1500 psi/30 min. O.K.

9/02/80 RESULTS OF DST #1 From 11,225' to 11,264' (39'):

Opened tool @ 8:08 p.m. 9/1/80 for 30" PF w/good blow; 2 psi. 8:10 p.m. opened on 1/4" choke w/5 psi; press increased steadily. 8:38 p.m. closed tool w/52 psi for 60" SIP. GTS in 27". 9:38 p.m. opened tool on 1/2" choke; 9:49 p.m. 17 psi; 11:00 p.m. 38 psi; 11:20 p.m. 34 psi; 11:30 p.m. 36 psi; 11:39 p.m. closed tool w/34 psi. Unseated pkr and started OOH @ 6:00 a.m. 9/2/80. Reversed out 25 BBL of gas-cut oil and 2 BBL of oil and gas-cut mud. Sampler: 500 psi; 1.2CFG; 200 cc oil-42° Gravity.

PRESSURES	TOP CHART	BOTTOM CHART
IHP	5168 psi	5234 psi
30" PF	132-198 psi	177-243 psi
60" ISTP	3701 psi	3636 psi

CONTINUED

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

SIGNED Paul J. Sandoz TITLE Engineer DATE 9/15/80

APPROVED BY Orig. Signed by Jerry Sexton TITLE Dist. L. Supv. DATE 9/15/1980

CONDITIONS OF APPROVAL, IF ANY:

PRESSURES

TOP CHART

BOTTOM CHART

120" IF-FP
380" FSIP
FHP
BHT

221-572 psi
3591 psi
5168 psi

221-575 psi
3609 psi
5145 psi
1640

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SEP 17 1980

9/04/80 TD-11,500' on trip OOH to log. Started in hole w/logging tool and it stuck around 2400'. Will make a short trip to get obstacle out. Found 8 5/8" csg parted @ 2477'

9/05/80 TD-11,500' milling on csg @ 2508'. 13 1/2 hrs-trips; 1 hr-attempting to log, but logs stopped @ 2477'; 2 1/2 hrs-WO/O; 7 hrs-milling on csg from 2477' to 2508'.

9/06 to 9/11/80 Depth-2607' - Milling on Casing.

9/12/80 Depth-2522' milling on csg. 18 3/4 hrs-milling w/Hillside Mill, running a string shot @ 2522' and running a nitro-shot @ 2560'. Ran Hillside Mill & worked it into 8 5/8" csg @ 2582'; Reamed top 8 5/8" w/string reamer.

9/13/80 Depth-11,500' LD DP. 7 hrs-trips; 6 hrs-circulating; 11 hrs-milling w/mill.

9/14/80 Depth-11,500' WOC. 8 1/2 hrs-LD DP; 10 hrs-running 5 1/2" csg; 4 3/4 hrs-cementing and WOC.

Ran 18 jts. 20#, N-80, LT&C 5 1/2" cst (total of 660.47') and 269 jts 17#, N-80, LT&C 5 1/2" csg (total of 10,845') and set @ 11,500' RTM.

Cemented in 2 stages. First Stage: Cemented w/500 sx Class "H" 50/50 Poz w/2% gel; 5# KCL and .6% Halad "22"/sx. Second Stage: Cemented w/200 sx Hal Lite w/15# salt; 1/4# Flocele and 3# Gilsomite/sx; followed w/200 sx Class "C" w/2% CaCl/sx. PD @ 1:30 a.m. 9/14/80. Cement did not circulate. DV Collar @ 3007'.

9/15/80 RR 12:00 noon 9/14/80.