

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

OIL WELL ☒ GAS WELL ☐ OTHER ☐

Name of Operator

7. Unit Agreement Name

8. Name of Lease Name

Laura J. May

Address of Operator

9. Well No.

I. Box 670, Hobbs, NM 88240

1

Location of Well

10. Field and Pool, or Wildcat

UNIT LETTER H 1830 FEET FROM THE North LINE AND 480 FEET FROM

Drinkard

THE East LINE, SECTION 27 TOWNSHIP 22S RANGE 37E

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

3335' GL

12. County

Lea

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

APPROPRIATE REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
OR ALTER CASING ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

REMEDIAL WORK ☐
COMMENCE DRILLING OPERATIONS ☐
CASING TEST AND CEMENT JOBS ☐

ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

OTHER Perfd, Aczd, Fracd ☒

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.

Clean location, fence pit, install anchors, raise casing connection, test WH to 4000#. GIH with bit & DC & drill out DV tool @ 3126'. Tested DV tool to 4000# ok. Lower bit & DC, tag up @ 2662'. Circulate hole with 8.6# GKF. POH with tubing & DC. Run logs. Perfd 5 1/2" casing @ 2900' with (4) 1/2" JH in a plane with 90° phasing. Pump down 5 1/2" casing with 10# brine water. Break down @ 2000#, pump 8 bbl 3 BPM @ 2100#, no change in water flow on 8-5/8" casing. Pump 50 bbls 10# brine @ 2-3/4 BPM @ 1750#, no change in water flow on 8-5/8" casing. Pump 280 bbls 10# brine with colored dye 3 BPM @ 1650#, no return on dye water, no change on 8-5/8" water flow. NSP 1500#, small flow back on 5 1/2" casing. Set cement retainer @ 2850', drop SV, tested tubing to 4000#. Fish SV, establish injection rate @ 1 1/2 BPM @ 1900#. Pump 75 sacks Class "C" cement with 3/10 of 1% Halad 4 @ 1 1/2 BPM @ 1650#. Had 11 bbls cement in formation, squeeze to 3000#. Reverse out 7 bbls cement in tubing. POH with 2-3/8" tubing. Ran temperature survey from surface to cement retainer @ 2850'. Establish injection rate down 8-5/8" casing 2-3/4 BPM @ 1200# with 10# brine water. Run R/A material charge from surface to 1450'. Pump 10# brine 2 1/2 BPM @ 1000# while running log; 26 minutes to pump 65 bbls to base of logs from 8-5/8" shoe to 1390' base of logs, 15 minutes 37 1/2 bbls. Bleed off pressure. Pump 350 sacks Class "C" with 9# salt & 2% CaCl2, 100 sacks 50% Class "H" & 50% cal seal, 50 sacks Class "C" with 9# salt & 2% CaCl2. Start with 3 BPM @ 800#, average 5BPM @ 800#, ISIP 550#. Broke pump conn, no back flow. Wash out 8-5/8" casing valves. After CI 19 hours, CP 0#. Run bit & DC's on 2-3/8" tubing. Drill out cement retainer @ 2850'; drill hard cement to 2900'. Tested squeeze to 500#, ok. Swab casing down. Wait 1 hr, showed no fluid coming in hole. GIH with 2-3/8" tubing & DC, tag

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

(see attachment)

by H. E. Stokes, Jr.

TITLE Area Engineer

DATE 7-1-80

APPROVED BY Kerry Seaton
DATE 7-1-80

TITLE Dist. Eng.

DATE 7-1-80

Laura J. May #1

PBTD @ 6655', pull up. Perf Drinkard @ 6502-04', 6528-30', 6569-71', 6615-17', 6640-42' with (2) ½" o-phase burrless decentralized JHPF (20 holes). Run packer with on-off tool with profile nipple on 2-3/8" tubing to 6642'. Spotted 200 gal 15% double inhibited NEFE HCL acid across perf. Pull & set packer @ 6438', pump 4 bbls 8.6 water down BS, set packer @ 6438', put 500# on BS. Took 5000# to break down perfs, pump 2 BPM @ 4200#, 3 BPM @ 3450#. ISIP 2800#. Swab tubing down. Pump 2800 gal 15% double inhibited NEFE HCL acid in 5 stages, drop 24 RCNB sealers: Stage 1: pump 800 gal acid 4 BPM 3800#, drop 6 balls on perf, 3950# @ 4 BPM. Stage 2: pump 500 gal acid @ 4550# 4½ BPM, drop 6 balls; balls on perfs 5000# @ 4½ BPM. Stage 3: Pumped 500 gal acid 4740# @ 4½ BPM, drop 6 balls; balls on perfs 5200# @ 4½ BPM. Stage 4: pump 500 gal acid 5080# @ 2½ BPM, drop 6 balls; balls on perfs 5070# @ 2½ BPM. Stage 5: pump 500 gal acid 5070# @ 2½ BPM, flush with 30 bbl 8.6 water, 5030# @ 2½ BPM. ISIP 2800#, 5 min 2040#, 10 min 1700#, 15 min 1500#. Total acid 67 bbls. Flowed well; killed well with 15 bbls 8.6 water. Run RBP & RTTS packer on 2-3/8" tubing, set RBP @ 3607', pull up, set packer. Tested to 3000#, ok. Release packer, pull up, set @ 2912'. Tested 5½" casing to 3000#, ok. Release packer, pull up, set @ 2880'; pump in perfs @ 2900' 1½ BPM @ 2400#. POH, poured 2 sacks 20/40 frac sand down 5½" casing. Set cement retainer on 2-3/8" tubing @ 2787'. Injection rate with FW 1 BPM @ 3000#, pump 1000 gal flo-check @ 2½ BPM @ 2850#, pump 2 bbl water, 100 sacks Class "C" cement with 2% CaCl 3 BPM @ 2200#. Displace 3 BW, stage 3 BW, squeeze to 2900#. Pull out retainer, reverse out 4 bbls.