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# NEW MEXICO OIL CONSERVATION COMMISSION

Supersedeas No. 10-160 and 6-160  
Effective 1-1-65

5a. Indicate Type of Lease

Oil ☐ Gas ☒ Other ☐

## 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. <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER-	7. Unit Agreement Name
2. Operator Charles Service Oil Company	8. Well Name Hardin
3. Address Box 919 - Midland, Texas 79701	9. Well No. 5
4. 1/4 Section of Well LINE LETTER D 990 FEET FROM THE North LINE AND 990 FEET FROM West LINE, SECTION 19 TOWNSHIP 18S RANGE 38E	10. Field No., Pool, or Willam Hobbs (G-SA)
15. Elevation (Show whether DF, RT, GR, etc.) 3670' GR	12. County Lea

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

NOTICE OF INTENTION TO:

PERMIT REMEDIAL WORK ☐

PERMIT PLUG AND ABANDON ☐

PERMIT ALTER CASING ☐

OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☒

COMMENCE DRILLING OPERATIONS ☐

CASING TEST AND CEMENTING ☐

OTHER Casing leak repair ☒

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, etc.) (SEE RULE 1103.)

O.T.D. 4255' Lime OPBTD 4253'. Workover complete. MIRU pulling unit, pulled rods, pump and tubing. Set a RBP @ 1603'. Located casing leak w/RTTS between 463' and 494'. Broke circulation to surface @ 4B/M at zero pressure. Tested casing above leak to 1000# - Held O.K. Dumped 11' of sand on top of RBP @ 1603' - 1589'. Squeezed down 5-1/2" casing w/200 sacks Class E w/2% CaCl cement (took 122 sacks to circulate to surface, 39 sacks in formation and 34 sacks in casing). Pressure tested 5-1/2" casing to 1000# for 15 minutes - Held O.K. Drilled cement 225' - 287' and pressure tested 5-1/2" casing to 1000# for 15 minutes - Held O.K. Drilled cement 287' - 519' and fell through and washed down to 550'. Set a RTTS @ 1529' and pressure tested RBP with 1200# for 15 minutes - Held O.K. Reset RTTS @ 869', 615' and 53' and pressure tested to 1200# each time - Held O.K. Reset RTTS @ 500' and pressure tested to 1200# - Held O.K. Located hole in casing between 500' & 530'. Squeezed down 5-1/2" casing with 50 sacks Class C w/2% CaCl cement (40 sacks in formation and 10 sacks in casing). WOC 24 hrs. Tested 5-1/2" casing to 1000# - Held O.K. Drilled cement 452' - 489'. Dropped out of cement @ 489'. Squeezed down 5-1/2" casing with 50 sacks Class H w/2% CaCl cement displaced down casing to 450' @ 1/2 B/M @ 900#. 40 sacks in formation, 10 sacks in casing. Pressure tested 5-1/2" casing to 1000# - Held O.K. Drilled cement @ 450' - 521'. Dropped out of cement @ 521'. Squeezed down 5-1/2" casing with 150 sacks Class H w/2% CaCl cement displaced down casing to 450'. 140 sacks in formation, 10 sacks in casing. Pressure tested 5-1/2" casing to 1000# - Held O.K. Drilled cement 499' - 529'. Dropped out of cement @ 529'. Squeezed down 5-1/2"

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

SIGNED E. Spaulder TITLE Region Operation Manager DATE June 25, 1975

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

casing with 200 sacks Class C w/1/4# Flocele, 3# Gilsonite, 6# sand/sack and 3% CaCl cement displaced down casing to 350'. 180 sacks in formation, 20 sacks in casing. Tagged top of cement @ 430' and pressure tested casing to 1000# - Held O.K. Drilled good cement @ 430' - 520'. Dropped out of cement @ 520'. Squeezed down 5-1/2" casing with 200 sacks Class C w/1/4# Flocele, 5# Gilsonite, 6# sand and 3# salt/sack w/3% CaCl cement displaced down casing to 350'. 185 sacks in formation, 15 sacks in casing. Tagged top of cement @ 271' and pressure tested casing to 1000# - Held O.K. Drilled good cement @ 271' - 513'. Dropped out of cement @ 513'. Squeezed down 5-1/2" casing with 75 sacks Class C w/1/4# Flocele, 5# Gilsonite, 6# sand, 3# salt/sack and 3% CaCl followed by 80 sacks Class C and Calseal mixed 50-50 cement displaced down casing to 145' @ 3 B/M @ 1000# with 120 sacks in formation and 35 sacks in casing. Drilled good cement @ 350' - 520'. Dropped out of cement @ 520'. Pressure tested to 750# for 30 min. - Held O.K. Cleaned out to 1603' and pulled RBP set @ 1603'. Cleaned out to PBTD 4253'. Ran casing with a RTTS tool set @ 4113' and Acidized thru San Andres Perfs 4242' - 4248' w/2000 lbs 15% NF HCl acid w/additives. Max. press. 600#, min. press. zero, AIR 5 B/M, ISIP Vac. Applied load and pulled tubing and RTTS tool set @ 4113'. Ran and set 2-3/8" OD tubing @ 4241'. Ran rods and BHP and pumped on potential 17 BO + 15 BW/24 hrs. Grav. 31.8° GOR TSTM. This well was recompleted on 6-22-75.