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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
LG 1543	

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-		7. Unit Agreement Name
2. Name of Operator Cities Service Oil and Gas Corporation		8. Farm or Lease Name State DW
3. Address of Operator P.O. Box 1919 - Midland, Texas 79702		9. Well No. 5
4. Location of Well UNIT LETTER <u>P</u> <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE, SECTION <u>12</u> TOWNSHIP <u>18S</u> RANGE <u>33E</u> NMPM.		10. Field and Pool, or Wildcat Undesignated <u>Premier</u>
15. Elevation (Show whether DF, RT, GR, etc.) 4089' GR		12. County Lea

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 ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOB ☐
OTHER Well completion data ☒

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.

T.D. 9030' Lime & Chert, PBTD 6764'. Well complete. MIRU a completion unit and DO to 8976'. Perforated the Bone Springs w/2 SPF @ 8689, 90, 8703, 04, 06, 08, 13, 14, 32, 40, 45, 46, 72, 75, 8837, 41, 42, 67, 68, 73, 74, 75 and 8876'. Total 46 holes (0.50" dia & 23.6" pen). RIH w/RTTS on 2-7/8" tubing and set RTTS @ 8604'. 14 hr. SITP 90#. Swabbed 1 BO + 21 BW/9 hrs. Acidized thru Bone Springs Perfs 8689 - 8876' w/4500 gals 15% NeFe HCL acid. Max press 4200#, min press 2400#, ATP 3300#, AIR 5.5 BPM, ISIP 0#, on vac. in 1 min. Swabbed 2 BO + 77 BLW + 121 BNW/10 hrs. Ran tracer survey and found nearly 100% fluid entering Perfs 8867 - 8876'. POOH w/tubing and RTTS. RIH w/RBP and RTTS on 2-7/8" tubing and set RBP @ 8855' and RTTS @ 8604'. Swabbed -0- BO + 95 BW/6 hrs. Released RTTS @ 8604' and RIH and retrieved RBP @ 8855'. Reset RBP @ 8790' and RTTS @ 8594'. Swabbed 1 BO + 32 BW/5 hrs. 14 hr. SITP 100#. Swabbed 9 BO + 8 BW/hrs. Released RTTS @ 8594' and RIH and retrieved RBP @ 8790' and POOH w/tubing, RBP and RTTS. RIH w/cement retainer on 2-7/8" tubing and set retainer @ 8820'. Squeezed Bone Springs Perfs 8837 - 8876' w/100 sacks of Class H w/0.6% Halad-9 and 100 sacks of Class H neat cement. Pulled out of retainer @ 8820' and reversed out 34 sacks of cement. Got 164 sacks in the formation and left 2 sacks in the casing. POOH w/tubing. RIH w/RTTS on 2-7/8" tubing and set RTTS @ 8594'. Acidized thru Bone Springs Perfs 8689 - 8775' w/4000 gals 15% NeFe HCL acid. Max press 3050#, min press 2900#, ATP 3000#, AIR 1 BPM, ISIP 2950#, 15 min SIP 2900#. 14hr. SITP 200#. Swabbed 5 BO + 4 BW/4 hrs. POOH w/RTTS and tubing. (CONTINUED ON REVERSE SIDE)

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

SIGNED Jerry Sexton

TITLE Reg. Opr. Mgr. - Prod.

DATE 12-28-84

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT 1 SUPERVISOR

JAN - 2 1985

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

JAN - 2 1985

O.C.D.
HOBBS OFFICE

Ran and set 2-7/8" tubing @ 8807'. Ran rods, BHP and put well on the pump. Pumped 6 BO + 19 BW/24 hrs. POOH w/rods, BHP and tubing. RIH w/RTS on 2-7/8" tubing and set RTS @ 8606'. Reactidized thru Bone Springs Perfs 8689 - 8775' w/20,000 gals 20% CRA + 30,000 gals PUR-GEL. 30. Max press 5900#, min press 5160#, ATP 5450#, AIR 15 BPM, ISIP 3240#, 15 min SIP 3120#. Flowed -0- BO + 66 BLW/8 hrs. and died. POOH w/RTS and tubing. Ran set 2-7/8" tubing @ 8807'. Ran rods, BHP and put well on the pump. Pumped 6 BO + 8 BLW/24 hrs. RIH w/RB or tubing and tagged cement retainer @ 8820'. Drilled retainer and cement to 8860'. POOH w/RB and tubing. RIH w/RTS on 2-7/8" tubing and set RTS @ 8800'. Swabbed for 8 hrs. no fluid recovery. POOH w/RTS and tubing. Perforated the Bone Springs w/2 SPF @ 8837, 41 and 8842'. Total 6 - 0.50" dia holes. RIH w/RTS on 2-7/8" tubing and set RTS @ 8800'. 14 hr. SITP 50#. Swabbed tr. cil + 2 BLW/4 hrs. Acidized thru Bone Springs Perfs 8837 - 8842' w/ 875 gals 15% NeFe HCL acid. Max press 2000#, min press 600#, AIR 0.5 BPM, ISIP 200#, vac in 3 min. Swabbed tr. cil + 50 BW/3 hrs. POOH w/RTS and tubing. Set a CIBP @ 8649'. Circulated hole w/mud laden fluid. Spotted a 5 sack cement (50') plug on top of CIBP @ 8649 - 8599'. Pulled tubing to 6864' and spotted a 10 sack cement (100') plug @ 6864 - 6764', across the top of the Bone Springs. POOH w/tubing. Perforated the Premier w/2 SPF @ 5091, 92, 93, 94, 95 and 5096'. Total 12 holes (0.50" dia & 14.86" pen). RIH w/RTS on 2-7/8" tubing and set RTS @ 4995'. Swabbed -0- BO + 29 BW/8 hrs and swabbed dry. Acidized thru Premier Perfs 5091 - 5096' w/1000 gals 15% NeFe HCL acid. Max press 3000#, min press 2100#, ATP 2600#, AIR 3.25 BPM, ISIP 2400#, 10 min SIP 1800#, 15 min SIP 1600#. 14 hr SITP 50#. Swabbed 2 BO + 8 BLW/7 hrs. Fraced thru Premier Perfs 5091 - 5096' w/750 gals 7-1/2% HCL acid ahead of 9,165 gals UAF II/3 (crosslinked water frac) + 12,000# 20/40 sand. Max press 5500#, min press 3200#, ATP 3550#, AIR 8 BPM, ISIP 4800#, 5 min SIP 1800#, 15 min SIP 1600#. Swabbed 4 BO + 26 BLW/10 hrs. POOH w/RTS and tubing. Ran and set 2-7/8" tubing @ 5211'. Ran rods, BHP and put well on the pump. Pumped on NMOC potential 15 BO + 2 BW/24 hrs., Grav. 35.90, GR @ 5 MCFD, GOR 347.