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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-1011 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. 4
4. Location of Well UNIT LETTER <u>F</u> <u>1880</u> FEET FROM THE <u>North</u> LINE AND <u>1980</u> FEET FROM THE <u>West</u> LINE, SECTION <u>12</u> TOWNSHIP <u>18S</u> RANGE <u>33E</u> NMPM.		10. Field and Pool, or Wildcat (Bone Mescalero Escarpe Sprin
15. Elevation (Show whether DF, RT, GR, etc.) 4105' 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 ☐
OTHER ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOBS ☐
OTHER Well completions data ☒

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. 9050' Dolomite & Chert, PBTD 9001'. Well complete. MIRU a completion unit and DO to 9001'. Perforated the Bone Springs w/2 SPF @ 8728, 29, 30, 31, 33, 34, 45, 47, 48, 49, 55, 56, 58, 59, 60, 62, 96, 97, 98, 99 and 8800'. Total 42 holes (0.45" dia & 15.0" pen). Ran 2-7/8" tubing and packer and set tubing @ 8606' and packer @ 8594'. Swabbed 5 BO + 51 BLW/ 9 hrs. POOH w/tubing and packer. RIH w/tubing and RTTS and set RTTS @ 8594' and acidized thru Bone Springs Perfs 8728 - 8800' w/4000 gals 15% NeFe HCL acid. Max press 5200#, min press 3800#, ATP 4300#, AIR 4.5 BPM, ISIP 2500#, 15 min SIP 2300#. Swabbed 9 BO + -0- BW/ 3 hrs. Reacidized thru Bone Springs Perfs 8728 - 8800' w/10,000 gals 15% CSA II + 2000 gals 15% NeFe acid + 750 SCF N₂/barrel. Max press 5400#, min press 4000#, ATP 4800#, AIR 8.7 BPM, ISIP 3500#, 15 min SIP 3450#. 48 hr SITP 550#. Swabbed 18 BO + -0- BW/3 hrs. POOH w/tubing and RTTS. RIH w/tubing and RBP and set RBP @ 8715'. POOH w/tubing. Perforated the Bone Springs w/2 SPF @ 8635, 36, 37, 69, 70, 71, 78, 79, 81, 82, 87 and 8688'. Total 24 holes (0.50" dia & 23.6" pen). RIH w/tubing and RTTS and set RTTS @ 8545'. Swabbed 5 BO + 5 BLW/ 7 hrs. Acidized thru Bone Springs Perfs 8635 - 8688' w/3000 gals 15% NeFe HCL acid. Max press 5000#, min press 3000#, ATP 3700#, AIR 8 BPM, ISIP 1900#, 15 min SIP 650#. Swabbed 18 BO + 7 BLW/9 hrs. POOH w/tubing and RTTS. RIH w/tubing and retrieving tool and released RBP @ 8715' and POOH w/tubing and RBP. Ran 2-3/8" tubing and set tubing @ 8841'. Ran rods and BHP and put well on pump. Pumped 16 BO + 6 BW/24 hrs. (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 <u>Elmer Startz</u>	TITLE <u>Reg. Opr. Mgr. - Prod.</u>	DATE <u>10-31-84</u>
APPROVED BY <u>Elmer Startz</u>	TITLE <u></u>	DATE <u>NOV - 2 1984</u>
CONDITIONS OF APPROVAL, IF ANY:		

Pulled tubing, rods and BHP. Fraced thru Bone Springs Perfs 8635 - 8688' and 8728 - 8800' down 5-1/2" casing w/40,000 gals PUR-GEL 30 + 60,000# 20/40 sand. Max press 3720#, min press 2950#, ATP 3100#, AIR 30 BPM, ISIP 2500#, 5 min SIP 2400#, 10 min SIP 2350#, 15 min SIP 2320#. 24 hr. SICP 1850#. Flowed -0- B0 + 148 BLW/10 hrs. thru 16/64" choke, FCP 900#. Ran and set 2-7/8" tubing @ 8841'. 60 hr. SIP 90#. Swabbed -0- B0 + 30 BLW/2 hrs. Ran rods and BHP and put well on pump. Pumped 15 B0 + 18 BLW/10 hrs. Pulled BHP and found pump stuck w/frac sand. POOH w/tubing. RIH w/2-7/8" tubing and set tubing @ 8641'. Swabbed 25 B0 + 2 BLW/7 hrs. Ran rods and BHP and put well on pump. Pumped 10 B0 + -0- BW/24 hrs. Pulled tubing, rods and BHP. RIH w/tubing and set RBP @ 8812'. Reactidized Bone Springs Perfs 8635 - 8688' and 8728 - 8800' w/40,000 gals PUR-GEL + 30,000 gals 20% CRA. Max press 5820#, min press 4450#, ATP 5100#, AIR 15 BPM, ISIP 2450#, 15 min SIP 2430#. Flowed -0- B0 + 364 BLW/13 hrs. thru 1" choke, FTP 100#. 24 hr. SITP 200#. Swabbed 25 B0 + 65 BLW/8 hrs. Caught and released RBP @ 8812' and POOH w/tubing and RBP. RIH w/2-7/8" tubing and set tubing @ 8641'. Ran rods and BHP and put well on pump. Pumped on potential 36 B0 + 28 BLW/24 hrs., Grav. 40.00, GR 44 MCFD, GOR 1228.

2023-1-10

2023-1-10