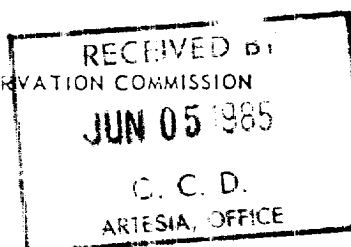


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NEW MEXICO OIL CONSERVATION COMMISSION



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.
L-1648

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 ☐ GAS ☐ OTHER ☒ Dry Hole	7. Unit Agreement Name
2. Name of Operator Cities Service Oil and Gas Corporation	8. Farm or Lease Name State CP
3. Address of Operator P.O. Box 1919 - Midland, Texas 79702	9. Well No. 2
4. Location of Well UNIT LETTER K 1980 FEET FROM THE South LINE AND 1980 FEET FROM THE West LINE, SECTION 9 TOWNSHIP 21S RANGE 27E NMPM.	10. Field and Pool, or Wildcat Undsig. Bone Springs
15. Elevation (Show whether DF, RT, GR, etc.) 3232' GR	12. County Eddy

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☒
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☐	OTHER Well completion 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. 5350' Lime & Shale. Plugged and abandoned. MIRU a completion unit and CO to 5302'. Perforated the Bone Springs w/2 SPF @ 5258, 59, 62, 64, 66, 69, 74, 76 and 5277'. Total 18 holes (0.50" dia & 14.86" pen). RIH w/2-7/8" tubing and a RTTS and set RTTS @ 5173'. 14 hr. SITP 30#. Swabbed -0- BO + 5 BLW/8 hrs. Acidized Bone Springs Perfs 5258 - 5277' w/2000 gals 15% NeFe HCL acid w/1000 SCF of N₂/bbl. Max press 5200#, min press 2100#, ATP 2300#, AIR 6.1 BPM, ISIP 2300#, 15 min SIP 2100#. 43 hr. SITP 875#. Bled well down to pit in 1-1/2 hrs. Flowed -0- BO + 13 BLW/1-1/2 hrs. + GR 11 MCFD thru 1" choke, FTP 2#. POOH w/tubing and RTTS set @ 5173'. Set a CIBP @ 5240'. Perforated the Bone Springs w/2 SPF @ 5052, 65, 77, 81, 5133, 38, 43, 50, 53, 57, 63, 68, 70, 76, 81 and 5184'. Total 32 holes (0.50" dia & 14.86" pen). RIH w/2-7/8" tubing and a RTTS and set RTTS @ 4941'. Swabbed -0- BO + 6 BLW/3 hrs. POOH w/tubing and RTTS set @ 4941'. RIH w/2-7/8" tubing and a Baker Lok set packer and set packer @ 4941'. Acidized Bone Springs Perfs 5052 - 5184' w/3500 gals 7-1/2% NeFe HCL w/1000 SCF N₂/bbl. Max press 3800#, min press 2800#, ATP 3350#, AIR 5 BPM, ISIP 2800#, 5 min SIP 2500#, 15 min SIP 2500#. Opened well to pit and flowed 25 BLW/3 hrs. thru a 1" choke and died. 14 hr. SITP 450#. Flowed well to pit for 1 hr. and died. Swabbed Tr. oil + 6 BLW/5 hrs. Lowered packer to 5106'. Acidized Bone Springs Perfs 5133 - 5184' w/2500 gals 7-1/2% NeFe acid. Max press 4000#, min press 1200#, ATP 2600#, AIR 6.5 BPM, ISIP 1600#, 5 min SIP 1500#, 10 min SIP 1400#, 15 min SIP 1390#. 14 hr. SITP 380#. Swabbed Tr. oil + 6 BLW/4 hrs. and burning a 2' flare. (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 Barry C. Linneman TITLE Region Petroleum Engineer DATE 6-03-85

APPROVED BY Barry Brooks TITLE Geologist DATE 9-4-85

CONDITIONS OF APPROVAL IF ANY:

9-4-85
Post # D-2
6-14-85
P + A

Released packer set @ 5106' and reset packer @ 4941'. Fraced Bone Springs Perfs 5052 - 5184' w/34,850 gals 75 quality SF530 foam + 21,000# 20/40 sand + 710630 SCF of N₂. Max press 5500#, min press 3600#, AIR 20 BPM, ISIP 2800#, 15 min SIP 2520#. 14 hr. SITP 250#. Swabb- ing @ 5219'. Ran rods and BHP and put well on the pump. Pumped 3 BO + 13 BW/24 hrs. POOH w/ tubing and set tub- ing @ 5219'. Ran rods and BHP. RIH w/RB on 2-7/8" tubing and drilled out the CIBP set @ 5240' and CO to 5302'. POOH w/tubing and RB. RIH w/2-7/8" tubing and a RTTS and set RTTS @ 4971'. Fraced Bone Springs Perfs 5052 - 5184' and 5258 - 5277' w/16,000 gals YECO2(65-35) + 24,000# 20/40 sand + 8,000# 12/20 sand. Max press 4350#, min press 3450#, AIR 18.5 BPM, ISIP 1350#, 5 min SIP 1100#, 10 min SIP 1030#, 15 min SIP 1000#. 14 hr. SITP 350#. Swabbd Tr. oil + 51 BLW/10 hrs. POOH w/tubing and RTTS set @ 4971'. RIH w/2-7/8" tubing and set tubing @ 5219'. Ran rods and BHP and put well on pump. Pumped 2 BO + 36 BW/24 hrs. POOH w/tubing, rods and BHP. Set a CIBP @ 5025' and dumped 35' on cement on top for a new PBD of 4990'. Perforated the Delaware w/4 SPF @ 4805, 06, 07, 13, 14, 21, 24, 61, 62, 64, 67, 74, 78, 4909, 10, 63, 64, 65 and 4966'. Total 76 holes (0.49" dia & 12.6" pen). RIH w/2-7/8" tubing and set RTTS and set RTTS @ 4717'. Swabbd dry. Acidized Delaware Perfs 4805 - 4966' w/3800 gals 7-1/2% HCL acid + 1000 SCF of N₂/bbl. Max press 3850#, min press 2500#, ATP 2850#, AIR 7.6 BPM, ISIP 2000#, 5 min SIP 1850#, 10 min SIP 1800#, 15 min SIP 1800#. 14 hr. SITP 175#. Swabbd 1 BO + 13 BLW/9 hrs. Fraced Delaware Perfs 4805 - 4966' w/24,750 gals Mini-Max III-30 + 45 tons CO₂ + 51,500# 20/40 sand and 20,000# 12/20 sand. Max press 3800#, min press 2750#, ATP 3200#, ISIP 900#, 5 min SIP 800#, 15 min SIP 800#. 14 hr. SITP 0#. Swabbd Tr. oil + 98 BW/7 hrs. POOH w/tubing and RTTS set @ 4717'. Set a CIBP @ 4750'. Tested CIBP and casing to 1000#-OK. Perforated the Delaware w/4 SPF @ 3874, 75, 76, 77, 3906, 08, 09, 54, 56, 57, 60, 61, 68, 69, 70, 73, 96, 97, 4001, 10 and 4012'. Total 84 holes (0.49" dia & 11.87" pen). Swabbd -0- BO + 20 BLW/1 hr. 14 hr. SITP 0#. Acid- ized Delaware Perfs 3874 - 4012' w/5000 gals 7-1/2% HCL acid. Max press 3700#, min press 1700#, ATP 2200#, AIR 6.5 BPM, ISIP 750#, 5 min SIP 730#, 15 min SIP 700#. 14 hr. SITP 125#. Swabbd 1 BO + 21 BLW/10 hrs. Fraced Delaware Perfs 3874 - 4012' w/29,310 gals Mini-Max III-30 + 45,100# 20/40 sand and 16,650# 12/20# sand. Max press 3600#, min press 3000#, ATP 3300#, AIR 20 BPM, ISIP 900#, 5 min SIP 850#, 15 min SIP 800#. 14 hr. SITP 75#. Swabbd -0- BO + 90 BLW/2 hrs. POOH w/tubing and RTTS set @ 3790'. RIH w/tubing and set tubing @ 3838'. Ran rods and BHP and put well on the pump. Pumped -0- BO + 141 BW/24 hrs. POOH w/tubing, rods and BHP. Set a CIBP @ 3800' and dumped 35' of cement on top for a new PBD of 3765'. RIH w/0E'd tubing and circu- ated hole w/mud laden fluid. POOH w/tubing. Ran in hole w/casing cutter and cut off 5-1/2" casing @ 2642' and POOH and laid down casing. This well was plugged and abandoned in the follow- ing manner:

1. RIH w/0E'd tubing to 2698' (56' inside of the 5-1/2" casing stub @ 2642') and spotted a 75 sack cement plug @ 2698 - 2400'. POOH w/tubing.
2. RIH w/0E'd tubing and tagged cement plug @ 2285'. POOH to 910'.
3. Spotted a 12 sack (100') cement plug @ 910 - 810', across the top of the Captain Reef. POOH to 505'.
4. Spotted a 12 sack (100") cement plug @ 505 - 405', 1/2 in and 1/2 out of the 13-3/8" casing shoe @ 455'. POOH w/tubing.
5. ND BOP and cut off WH. RIH w/1 jt. of tubing and spotted a 10 sack cement surf- ace plug @ 30 - 0'. Installed a 4" dry hole marker to designated a plugged and abandoned location.