

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLI
(Other instructions
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Form approved
Budget Bureau No. 1004-0135
Expires August 31, 1985

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—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Cities Service Oil & Gas Corp.		8. FARM OR LEASE NAME Federal AE	
3. ADDRESS OF OPERATOR P.O. Box 1919 - Midland, Texas 79702		9. WELL NO. 3	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 660' FSL & 660' FWL		10. FIELD AND POOL, OR WILDCAT Undesignated Yates	
14. PERMIT NO. 30-025-29364		12. COUNTY OR PARISH Lea	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3994' GR		13. STATE New Mexico	

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐ PULL OR ALTER CASING ☐
FRACTURE TREAT ☐ MULTIPLE COMPLETE ☐
SHOOT OR ACIDIZE ☐ ABANDON* ☐
REPAIR WELL ☐ CHANGE PLANS ☐
(Other) ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐ REPAIRING WELL ☐
FRACTURE TREATMENT ☐ ALTERING CASING ☐
SHOOTING OR ACIDIZING ☐ ABANDONMENT* ☐
(Other) Well remedial data ☒

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

O.T.D. 4325' Lime & Shale, PBTD 2882'. The proposed testing of the Yates Formation is now complete with unsuccessful results. This well is now shut-in pending future use in a Queen waterflood program. This well was tested in the following manner: MIRU a pulling unit and pulled rods and pump, installed BOP and POOH w/tubing. Set a CIBP @ 4200', plugging off the Queen Perfs @ 4243 - 4247'. Perforated the Yates Formation w/4 SPF @ 3029, 30, 33, 34, 35, 40, 41, 46, 47, 48, 49, 50, 67, 68, 69, 73, 75, 76, 82, and 3083'. Total 80 holes (0.49" dia & 12.6" pen in Berea). RIH w/RTTS on 2-7/8" tubing and set RTTS @ 2945'. 14 hr. SITP 0#. Swabbed 0 BO + 17 BLW/5 hrs. Acidized Yates Perfs @ 3029 - 3083' w/2500 gals 7-1/2% HCL acid. Max press 2550#, min press 2500#, ATP 2550#, AIR 6.3 BPM, ISIP 1800#, 15 min SIP 1800#. 14 hr. SITP 20#. Swabbed Tr. oil + 53 BLW + 1 BW/3 hrs. Fraced Yates Perfs @ 3029 - 3083' w/30,000 gals My-T-Frac (crosslinked polymer) + 5% diesel + 69,900# 12/20 sand. Max press 3250#, min press 2600#, ATP 2700#, AIR 19 BPM, ISIP 1960#, 5 min SIP 1850#, 10 min SIP 1830#, 15 min SIP 1810#. 14 hr. SITP 550#. Swabbed 3 BO + 59 BLW/5 hrs. 14 hr. SITP 0#. Swabbed 0 BO + 12 BLW/1 hr. POOH w/RTTS and tubing. RIH w/2-3/8" tubing and set tubing @ 3097'. Ran rods and BHP and put well on the pump. Pumped 1 BO + 1 BLW/24 hrs. POOH w/tubing, rods and BHP. Perforated additional Yates 7 Rivers w/4 SPF @ 3885, 86, 88, 3935, 36, 38, 39, 40, 43, 75, 76, 77, 4119, and 4120'. Total of 56 holes (0.49" dia & 12.60" pen in Berea). RIH w/RTTS on 2-7/8" tubing and set RTTS @ 3774'. Swabbed 0 BO + 6 BW/3 hrs. and swabbed dry. Acidized Y-7Rv Perfs @ 3885 - 4120' w/2500 gals 15% NeFe HCL acid. Max press 2700#, min press 1900#, ATP 2475#, AIR 4.7 BPM, ISIP 2100#, 5 min SIP 2000#, 15 min SIP 2000#. 14 hr. SITP 0#. Swabbed 0 BO + 2 BLW/1 hr. and swabbed dry. POOH w/RTTS and tubing. Perforated additional Yates-7 Rivers w/4 SPF @ 3391, 95, 96, 98; (CONTINUED ON ATTACHED SHEET)

18. I hereby certify that the foregoing is true and correct

SIGNED Elmer Stutz

TITLE Reg. Opr. Mgr. - Prod.

DATE 4-02-86

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____
ACCEPTED FOR RECORD

DATE _____

*See Instructions on Reverse Side 1986

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

PRIVACY ACT

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et. seq., 351 et. seq., 25 U.S.C. et. seq.; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is to be used to evaluate, when appropriate, approve applications, and report completion of secondary well operations, on a Federal or Indian lease.

ROUTINE USES: (1) Evaluate the equipment and procedures used during the proposed or completed subsequent well operations. (2) Request and grant approval to perform those actions covered by 43 CFR 3162.3-2(2). (3) Analyze future applications to drill or modify operations in light of data obtained and methods used. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this notice and report and disclosure of the information is mandatory once an oil or gas well is drilled.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501, et. seq.) requires us to inform you that:

This information is being collected in order to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

This information will be used to report subsequent operations once work is completed and when requested, to obtain approval for subsequent operations not previously authorized.

Response to this request is mandatory for the specific types of activities specified in 43 CFR Part 3160.

Cities Service Oil & Gas Corp. #3 Federal AE
Lea County, New Mexico

attachment:

3425, 26, 27, 35, 36, 39, 3543, 46, and 3547'. Total of 52 holes (0.49" dia & 12.6" pen in Berea). RIH w/5-1/2" RBP and RTTS on 2-7/8" tubing and set RBP @ 3798' and RTTS @ 3794'. Tested RBP to 1000# - OK. Released RTTS and spotted 2 sacks of sand on top of RBP set @ 3798'. Reset RTTS @ 3303'. Swabbed 0 BO + 21 BW/2 hrs. and swabbed dry. 14 hr. SITP 0#. Acidized Yates-7 Rivers Perfs @ 3391 - 3547' w/2500 gals 15% NeFe HCL acid. Max press 4000#, min press 2600#, ATP 3100#, AIR 6.0 BPM, ISIP 2100#, 5 min SIP 1900#, 10 min SIP 1800#, 15 min SIP 1700#. 14 hr. SITP 0#. Swabbed 0 BO + 2 BLW/7 hrs. POOH w/tubing and RTTS. RIH w/RBP retrieving tool on 2-7/8" tubing and reverse off sand on top of RBP and POOH w/tubing and RBP. RIH w/RTTS on 2-7/8" tubing and set RTTS @ 3303'. Swabbed 0 BO + 19 BLW/1 hr. and swabbed dry. Fraced Yates-7 Rivers Perfs @ 3391 - 3547' and 3885 - 4120' w/44,700 gals of Stratfrac II 40# system w/5% diesel + 9000# 20/40 sand + 151,200# 10/20 sand. Max press 6000#, min press 2793#, ATP 4000#, AIR 20 BPM, ISIP 2050#, 5 min SIP 1900#, 10 min SIP 1860#, 15 min SIP 1850#. Flowed 0 BO + 233 BLW/10 hrs. thru a 9/64" choke and died. Swabbed 0 BO + 127 BLW/10 hrs. 14 hr. SITP 25#. POOH w/tubing and RTTS. Ran and set 2-3/8" tubing @ 4111'. Ran rods and BHP and put well on the pump. Pumped 2 BO + 0 BW/24 hrs. and after pumping the well for 48 days the well pumped 0 BO + 2 BLW/24 hrs. leaving 387 BLWTR. POOH w/rods, BHP and tubing. RIH w/RTTS on 2-3/8" tubing and set RTTS @ 2807'. Squeezed the Yates, Yates-7 Rivers Perfs @ 3029 - 3083', 3391 - 3547' and 3885 - 4120' w/560 sacks of Class C w/3# sand and 2% CaCl₂/sack cement. Walking squeeze to 3000#.

Pressured casing to 1000# and tubing to 2000#-OK. Estimated TOC in 5-1/2" casing @ 2930' by displacement. POOH w/tubing and RTTS. RIH w/RB on tubing and tagged top of cement plug @ 2882'. POOH w/RB and tubing. RIH w/1 jt. of tubing, ND BOP, NU WH and installed a 2" ball valve in 2-3/8" tubing and shut-in well for further evaluation.

RECEIVED
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HOBBS OFFICE