

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other ☐
2. NAME OF OPERATOR
Cities Service Company
3. ADDRESS OF OPERATOR
P. O. Box 1919, Midland, TX 79702
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) 660' FSL & 1980' FEL
AT SURFACE:
AT TOP PROD. INTERVAL: Same as Above
AT TOTAL DEPTH: Same as Above
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

5. LEASE
LC 962029
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Government "AM" Com.
9. WELL NO.
1
10. FIELD OR WILDCAT NAME
Und. N. Turkey Track Morrow
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 33-T18S-R29E
12. COUNTY OR PARISH
Eddy
13. STATE
14. API NO.
30-015-23508
15. ELEVATIONS (SHOW DF, KDB, AND WD)
3426' GR

RECEIVED

FEB 24 1982

O. C. D.

ARTESIA OFFICE

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) Well completion data

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(NOTE: Report results of multiple completion or zone change on Form 9-330.)

OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

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.)*

TD 11,356. Sand-Shale PBDT 11,215. Well complete waiting on pipeline connection.

Drilled 7 7/8" to TD 11,356 in Sand-Shale. Ran & set 31' jts. (1288.62') 5-1/2" OD 20# K-55 & 252 jts. (10,051.1') 5 1/2" OD 17# N-80 casing @ 11,356 and cmt w/920 sx class H w/0.5 of 1% (CFR-2) & 5# KCL per sk & 0.3 of 1% HALAD 22 cmt. PD @ 0200 MST 12-2-81. Ran temp survey. TOE @ 7100' waited on completion unit for 20 days. MIRU CU. DO to 11,308. Perf Morrow 2 SPF 11,282'-11,296'. Total 30 holes (0.50" dia & 23" penetration). RIH w/mule shoed tbg sub, Baker loc-set pkr & on-off tool w/1.81" & Schlum quik-flow nipple on 2-7/8" EUE 6.5# N80 tbg. Set pkr @ 11,197'. Tst csg to 1000# - OK. Ran sinker bar & broke disc in quik-flo nipple. Well on vac. No gas show. 96 hr SITP 70#.

- OVER -

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Elmer Startz TITLE Reg. Oper Mgr-Prod DATE 1-27-82

FOR RECORD (This space for Federal or State office use)

APPROVED BY ROGER A. CHAPMAN

CONDITIONS OF APPROVAL IF ANY:

FEB 5 1982

TITLE _____ DATE _____

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO
See Instructions on Reverse Side

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.

GPO : 1976 O - 214-149

Swbd 10 BW/10 hrs. AZ Morrow Zone w/4000 gal 7-1/2% MS acid plus additives and 135,000 SCF of N₂ & 56 - 7/8" ball sealers. Max press 7000#, min 5400#, AIR 5.1 BPM, 15 min SIP 3700#. 84 hr SITP 1100#. Swbd 30 BW/20 hrs. Hav 2-3' flare after each run for 10-15 min & dies. Rel pkr & POOH. Set CIBP @ 11250'. Dmp 4 sx cmt on top (35'). New PBTD 11,215'. Perf Morrow 2 shots each @ 11,106-107-109-118-142-143-144-145-155-157-160-164-166-167-168-169-170-171' & 11,172'. Total 40 holes (0.50" dia & 23" penetration). Ran and set 2-7/8" OD tbg @ 10,980' w/ packer set @ 10,971'. Dropped bar & broken disc in quick flow nipple. GTS in 55 mins. Flow no fluid in 9 hrs, 1" ck, FTP 0#. Est GR 200 MCFD.

14 hr SIDWTP 2795#. Flwd well thru stac pac as follows:

Rate	Choke	FTP	BP
390 MCFD	4/64	2485#	620#
350 MCFD	6/64	1884#	620#
360 MCFD	8/64	1182#	540#
290 MCFD	14/64	542#	530#

No fluid rec during test.

Az Morrow 11,106-11,172' w/6000 gals 7-1/2% MS az plus additives and 184,000 SCF of N₂ and 60-7/8" ball sealers. Max press 7900#, min 6000#, AIR 9.8 BPM, ISIP 4300#. 10 min SIP 4100#.

14 hr DWSITP 2300#. Tsted thru stac pac as four rates as follows:

Time	GR	Choke	FTP	BP
1 hr	440 MCFD	6/64"	2030#	600#
1 hr	600 MCFD	7.5/64"	1809#	600#
1 hr	740 MCFD	9/64"	1570#	600#
1 hr	880 MCFD	12/64"	1175#	600#

Made tr distillate during tst & no wtr. Have a steady 20' fare. SITP 2192# (DW). Ran 4 pt tst as follows:

GR	Choke	FTP	BP	Time
326 MCFD	6/64"	1715#	600#	1 hr
381 MCFD	7.5/64"	1330#	600#	1 hr
396 MCFD	9/64"	1007#	600#	1 hr
396 MCFD	12/64"	703#	600#	1 hr

CAOF Morrow Perfs 11,106' - 11,172' = 683