

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 ☐ well gas ☒ well other ☐
2. NAME OF OPERATOR
CITIES SERVICE OIL & GAS CORPORATION
3. ADDRESS OF OPERATOR
P. O. BOX 1919 - Midland, Tx. 79702
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 660' FNL & 1980' FWL
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

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)	☐		☐

5. LEASE
NM 13232
6. IF INDIAN, ALL INTEE OR TRIBE NAME
RECEIVED
7. UNIT AGREEMENT NAME
APR 07 1983
8. FARM OR LEASE NAME
GOVERNMENTIAN Com. O. C. D.
9. WELL NO.
1
ARTESIA, OFFICE
10. FIELD OR WILDCAT NAME
Undesignated Atoka
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 3 - T 20S - R28E
12. COUNTY OR PARISH
Eddy
13. STATE
New Mexico
14. API NO.
NA
15. ELEVATIONS (SHOW DF, KDB, AND WD)
3302' KB

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

RECEIVED
APR 6 1983

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 location and measured and true vertical depths for all markers and zones pertinent to this work.)*

OTD 11,275' Shale, OPBTD 10,865'. It is proposed to plug the Atoka Zone in this well and recomplete in the Wolfcamp in the following manner:

1. MIRU pulling unit. Kill well w/10# BW. ND tree and NU BOP. POOH w/tbg. and pkr.
2. RIH w/bit, csg. scraper & tbg. CO csg. to 10464'. CHC w/10# BW containing 2 gal/1000 nonionic surfactant. Pull bit to approximately 9325' and spot 125 gal 10% acetic acid from approximately 9200 - 9325'. POOH.

SEE REVERSE SIDE

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

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

SIGNED Elmer Start REGION OPERATIONS
TITLE MANAGER - PROD. DATE 4-1-83

APPROVED BY (Orig. Sgd.) PETER W. CHESTER TITLE _____ DATE _____
(This space for Federal or State office use)

CONDITIONS OF APPROVAL, IF ANY:

APR 6 1983
FOR
JAMES A. GILLHAM
DISTRICT SUPERVISOR

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) 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.

891-7-347 - 0 1881 : ODP

3. RU WL, RIH w/blanking plug and set in profile nipple at 10470'. POOH. Dump 5 sxs (40') cmt on top of pkr. Set pkr millout extension, X-over, tbg. subs, profile nipples at approximately 9100'. RD
4. RIH w/Seal Assembly on tbg. and test tbg. to 8000 psi above slips while going in the hole. Sting into pkr. @ approximately 9100'. Open csg. valve, pressure tbg. to 2000 psi. Rel pressure and close valve. ND BOP and NU tree.
5. RU. Perf Wolfcamp w/4 SPF tbg. gun at 9210, 9211, 9214, 9216, 9248, 9261, 9264, 9277, 9278, 9280, 9282, 9285, 9290, 9294. Total of 56 .27" Dia holes. RD.
6. Open well up and test natural.
7. If necessary, Az Wolfcamp perfs 9210 - 9294' w/3000 Gals 15% HCL acid.
8. Recover load and retest well.
9. Run 4 pt. test & obtain 72 hr. SIBHP buildup. Put well on production.



LTR



Job separation sheet

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 13232

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NM OIL CONS. COMMISSION
Drawer DD
Atoka, NM 88210

8. FARM OR LEASE NAME

Government "AN" Com.

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Winchester
Atoka

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 3-T20S-R28E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

CITIES SERVICE COMPANY

3. ADDRESS OF OPERATOR

P. O. Box 1919 Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

660' FNL & 1980' FWL of Sec. 3-T20S-R28E, Eddy County,
New Mexico

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

3284' GR

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Well completion data

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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 perti-
nent to this work.)*

T. D. 11,275' Shale, PBTD 10,865'. Well complete, shut-in; waiting on Pipeline connection.
MIRU completion unit and CO to 11,235'. Press csg to 1500# - held OK. Spotted 100 gal.
10% Actic acid 11,050-11,150'. Perf Morrow w/2 SPF @ 11,127', 11,128', 11,138', 11,139'
& 11,147'. Total 10 holes (0.40" dia & 23.7" pen). Ran and set 2-7/8" OD tbg @
11,023' with a packer set @ 11,019'. Dropped bar & broke quick flow disc. Had slight
blow at surface. 36 hrs. SITP 1256#. Acidized Morrow 11,127-11,147' w/2000 gal 7½% MS
acid w/additives. Used 1000 SCF N₂ per bbl. Total 62000 SCF N₂. Max press 7700#,
min 5200#. AIR 5.8 B/M (4.0 acid & 1.8 N₂). ISIP 3400#. 15 min SIP 2850#. 12 hr.
SITP 1800#. Flow 7 BW in 5 hrs. on 1" choke and FTP 8#, GR 101 MCFD. Released pkr. and
swung pkr at 11,054'. Spotted 150 gal 10% acetic acid to 10,900'. POOH. Set CIBP on
WL at 11,110'. Dump 2 sx cement on top. PBTD 11,096'. Perforated Morrow w/2 SPF
10945, 10966, 10982, 10983, 10984, 10985, 10986, 10991, 11006, 11007, 11010, 11011, 11012,
11013, 11014, 11019, 11020, 11021, 11040, 11041, 11042. Total 42 hole (0.40" dia. -
23.7" pen.) Ran and set 2-7/8" OD tbg. @ 10,840' with a packer set @ 10,833'. Dropped
bar and broke disc. SITP 0#. Acidized Morrow 10945-11042 w/5000 gal 7-1/2% MS acid and
additives. Used 1000 SCF N₂ per bbl. Total 150,000 SCF. Max press 7300#, Min. 5500#, AIR
10.1 BPM, ISIP 4300#, 15 min. SIP 3500#. 14 hr. SITP 1800#. SWBD 5 BLW and 8 BNW in
8 hrs. Burns 5-6' flame between swab runs. Released pkr and POOH to 10593'. Spotted 50
gal 10% acetic acid 10593-10543'. POOH. Set 5-1/2" CIBP on W. L. @ 10900'. Dumped
4 sx cmt on top of BP. New PBTD 10865'. Perf Atoka w/2 SPF @ 10579, 10583, 10586, 10592,
10593, 10594. Total 14 holes. Well kicked immediately. Bled 20 bbls. to pits. SICP
(SEE REVERSE SIDE)

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

SIGNED

Elmer Stutz
ACCEPTED FOR RECORD
ROGER A. CHAPMAN

(This space for Federal or State office use)

TITLE Reg. Oper. Mgr.-Prod.

DATE 11-10-81

APPROVED BY
CONDITIONS OF APPROVAL

NOV 16 1981

TITLE

DATE

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

*See Instructions on Reverse Side

Instructions

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2300#. Closed blind rams. Ran and set 2-7/8" OD tubing and a Baker model DB packer @ 10,475'. 14 hr. SITP 3950#.

Flowed 4 pt. tests as follows:

GPO 680-160

G.R.	Chokes	FIP	BF
1.2 MMCFD	9/64"	3702#	550#
1.8 MMCFD	10.5/64"	3564#	560#
2.3 MMCFD	11.5/64"	3417#	570#
2.8 MMCFD	12.5/64"	3278#	570#

Produced 2 bbl distillate and 1 BW during test. CAOF Atoka Zone 10,579-10,594' = 14.3 MMCFD