

N. M. UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE
(Other instructions on reverse side)

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.)		5. LEASE DESIGNATION AND SERIAL NO. NM 55149
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Cities Service Oil and Gas Corporation		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P.O. Box 1919 - Midland, Texas 79702		8. FARM OR LEASE NAME Federal AD
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		9. WELL NO. 1
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Undesignated Queen
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3965' GR		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 9-T18S-R33E
		12. COUNTY OR PARISH Lea
		13. STATE New Mexico

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Well completion data</u>	<input checked="" type="checkbox"/>

(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.)*

T.D. 4310' Dolomite, PBD 4256'. Well completed. MIRU a completion unit and DO to 4256'. Perforated the Queen w/4 SPF @ 4206, 07, 08, 14, 15, 16, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31 and 4232'. Total 72 holes (0.45" dia & 14.70" pen). Ran 2-7/8" tubing and RTTS and set RTTS @ 4099'. Swabbed 2B0 + 20 BLW/5 hrs. Acidized Queen Perfs 4206 - 4232' w/ 2500 gals 15% NeFe acid. Max press 3050#, min press 1800#, ATP 2900#, AIR 6.7 BPM, ISIP 1800#, 5 min SIP 1260#, 10 min SIP 800#, 15 min SIP 400#. Swabbed 10 B0 + 40 BLW/5 hrs. Fraced Queen Perfs 4206 - 4232' w/27,000 gals TerraFrac-30 w/5% diesel + 6000# 20/40 sand + 85,500# 12/20 sand. Max press 3900#, min press 3200#, ATP 3500#, AIR 16 BPM, ISIP 2470#, 5 min SIP 2400#, 10 min SIP 2200#, 15 min SIP 2000#. Swabbed and flowed 82 B0 + 27 BLW/ 6 hrs. thru 1" choke FTP 50#. Flowed 491 B0 + 69 BLW/20 hrs. thru 1" choke FTP 25#. Flowed on NMOCD potential 589 B0 + 83 BLW/24 hrs., Grav. 31.6° thru 1" choke, FTP 25#, GR @ 68 MCFD, GOR 116.

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

SIGNED *Andy C. Timmerman* TITLE Region Petroleum Engineer DATE 7-24-85

(This space for Federal or State office use)

APPROVED BY ACCEPTED FOR RECORD TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

JUL 28 1985

*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.

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.

AFFIDAVIT

State of Texas Cities Service Oil and Gas Corporation Company

County of Midland Lease Name Federal AD Well # 1

In Sec. 9 Twp. 18S Rge. 33E

County of Lea

State New Mexico

Gary C. Timmermann of lawful age being first duly sworn deposes and

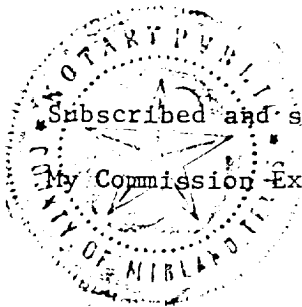
says:

That he supervises development and operation of the captioned lease and is duly qualified and authorized to make this affidavit and is fully acquainted with all facts herein set out concerning Deviation and Directional drilling.

<u>Degrees</u>	<u>Depth</u>	<u>Degrees</u>	<u>Depth</u>	<u>Degrees</u>	<u>Depth</u>
0.75	370				
0.75	857				
0.50	1332				
0.75	1801				
0.75	2300				
0.75	2751				
1.00	3123				
0.75	3614				
1.00	4062				
1.25	4198				
1.25	4310				

T.D. 4310'

Further affiant saith not.



Gary C. Timmermann

Subscribed and sworn to before me this 24th day of July, 19 85

My Commission Expires 12-05-88

Patricia Kidwell Notary Public
Midland County, Texas