

Form 9-331
(May 1963)UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

LC-060967

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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 ☒ Water Injection well		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Cities Service Company		S.M.G.S.A.U.	
3. ADDRESS OF OPERATOR Box 1919, Midland, TX 79702		8. FARM OR LEASE NAME Tract 1	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1980' FSL & 660' FEL of Sec. 30-T17S-R33E Lea County, New Mexico		9. WELL NO. 2	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Maljamar (G-SA)	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4060 DF		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 30-T17S-R33E	
		12. COUNTY OR PARISH Lea	13. STATE NM

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) CO, Run Liner & Acidize ☒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 pertinent to this work.)*

T.D. 4364' Dolo PBD 4342'. Workover complete.

(SEE ATTACHED)

RECEIVED

AUG 25 1980

U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

ACCEPTED FOR RECORD

SEP 5 1980

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

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

SIGNED

TITLE

Region Oper. Mgr.

DATE

8/20/80

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

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.

ATTACHMENT FOR SMGSAU, Tract 1, #2, dated 8/20/80, on form 9-331.

MIRU pulling unit. ND WH. NU BOP. Rel pkr & POOH plastic coated tbg. RIH w/4-3/4" RB on 2-7/8" EUE work string. Tagged TD @ 4190'. POOH. RIH w/4-3/4" RD & 5 1/2" csg scraper to 3944'. Circd hole w/10#/gal BW. POOH. RU Welex. Ran CCL from 4000-3700', 5 1/2" csg @ 3952' w/csg collar @ 3910'. Set Halco SV-EZ drill retainer on WL @ 3905'.

RIH w/seal assembly. Stbd into EZ drill retainer @ 3905'. Tested tbg to 4000# - ok. Press annulus to 600# - ok. PIF @ 5 BPM at 1800#. Sqzd GSA w/500 sx CLC w/2% CaCl₂. Max 4000# walking sqz. PU out of tool. Reve out 98 sx. Gpt 402 sx below tool & in formation. POOH. RIH w/4-3/4" RB & 5 1/2" csg scraper on 2-7/8" EUE tbg. Tagged retainer @ 3905'. No cmt on top of retainer. POOH. RIH w/RTTS on 2-7/8" EUE tbg. Set at 3723'. Tstd csg below RTTS 3723-3905' w/1800# for 15 min - ok. Tstd csg above RTTS 3723- surface w/1800# for 15 min - ok. Rel RTTS. POOH w/RTTS. RIH w/5 1/2" OD 14# x 4 1/2" OD 4° permanent whipstock & starting mill & 10 3 1/2" DC's on 2-7/8" EUE tbg. Set whipstock @ 3906' w/top of whipstock @ 3890'. POOH. RIH w/4-3/4" cone buster mill & 10 3 1/2" DC's on 2-7/8" EUE tbg.

Milled w/starting mill 3890-3901'.

POOH. RIH w/4-3/16" long tapered mill & 10 3 1/2" DC's on 2-7/8" EUE tbg. Dressed window in 5 1/2" csg 3890-3901'. RIH w/4-3/4" mill tooth bit. Drld new form in 4° whipstock hole 3901 - 4364' TD. Ran liner as follows:

1 - BOT type V guide shoe	1.30
1 - jt 4" OD 10.46# K-55 FL4S liner	34.81
1 - BOT landing collar	.83
20 - jts 4" OD 10.46# K-55 FL4S liner	698.16
1 - x-over	1.10
1 - BOT Hyflow liner hanger & hold down	9.70
TOTAL LINER	736.90
116 - jts 2-3/8" EUE tbg & setting tool	3626.37
	4363.27

Set liner @ 4363'. Top liner @ 3626'. Circ hole & cmtd w/150 sx CL C, 0.5% CFR-2, 3# SD, 7# salt/sx. PD @ 1700 MDT 7/18/80. Landed plug w/1400# - held ok. POOH w/tbg. Full circ throughout job. WOC 24 hrs. RIH w/4-3/4" RB, 4 3 1/2" DC's on 2-7/8" EUE tbg. Tagged @ 2610'. Drld cmt stringer to 3000' & hard cmt to 3400' & bit fell free. RIH to 3624', TOL. POOH. RIH w/4-3/4" RB, 5 1/2" csg scraper, 4 3 1/2" DC's on 2-7/8" EUE tbg. Tagged TOL @ 3626'. POOH. RIH w/RTTS on 2-7/8" EUE tbg & set @ 3393'. Press annulus to 800# - ok. Established inj rate down 2-7/8" tbg, 2 BPM @ 2500#. Sqzd w/200 sx Cl C w/2% CaCl₂. Max Press 4000#. Displ cmt 125' below RTTS & SI w/4000# tbg press. Did not reverse out.

Rel RTTS & POOH. RIH w/4-3/4" RB & 4 3½" DC's on 2-7/8" EUE tbg. Tagged cmt @ 3498'. Drld 128' hard cmt to TOL @ 3626'. CHC & POOH. RIH w/2-3/8" blade bit, 4' of 2-3/8" tbg sub, 5½" csg scraper & 2 3½" DC's on 2-7/8" EUE tbg. Drld 4' cone inside top of liner to 3630'. Press test TOL & csg to 2200# for 15 min - held ok. POOH.

RIH w/3-3/8" blade bit, 25 jts 2-3/8" tbg w/turned down collars, 96 jts 2-7/8" EUE tbg. Tagged @ 3758'. Drld cmt to 4342'. CHC & POOH. RIH w/5½" RTTS on 2-7/8" EUE tbg. Set @ 3381'. Tstd TOL & liner to 2200# for 15 min - held ok. POOH. RIH w/3-3/8" bit, 4" csg scraper on 2-7/8" tbg to 4342' PBTD.

Perf Priemer Sd 2 SPF 4114-4143', 4150-4152', 4178-4188', & 4198-4226'. Total 138 holes using 2" SSB csg gun (0.25" holes w/9.5" pen). RIH w/RTTS to 4229'. Sptd 100 gal 15% HCl 4229-4114'. POOH to 4011' & set RTTS. Press csg to 1000# - ok. AZ w/5000 gal 15% HCl w/additives & 208- 7/8" ball sealers. Max press 3400#, min 3000#, AIR 4.0 BPM, ISIP 2400#, 30 min SIP 1650#. Established inj rate ½ B/M @ 1800#, ¾ B/M @ 1850#, 1 B/M @ 1950#. Rel RTTS & POOH. RIH w/tbg as follows:

1 - 4" x 2-3/8" Guib Unipkr VI Nickel plated	5.53
25 - jts 2-3/8" EUE 4.7# J-55 8rd PL tbg	
w/TD coupl	755.28
100 jts 2-3/8" EUE 4.7# J-55 8rd PL tbg	3213.92
125 - jts	
	TALLY
	3974.73

Set pkr @ 3985' in 8 pts tension. Circ annulus w/trtd FW. ND BOP & NU WH, started inj @ 1000 MDT 7/31/80 @ 700 b/d & 900# surf press.