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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
B-2229	

SUNDARY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR OPERATIONS ON WELLS OR THE SURFACE OF THE LAND TO A DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT TO DRILL C-101 FOR SUCH PURPOSES.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	
2. Name of Operator Cities Service Company	
3. Address of Operator P.O. Box 1919 Midland, TX 79702	
4. Location of Well UNIT LETTER <u>E</u> <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE, SECTION <u>29</u> TOWNSHIP <u>17S</u> RANGE <u>33E</u> N.M.P.M.	
15. Elevation (Show whether DF, RT, CR, etc.) 4073 DF	

7. Unit Agreement Name SMGSAU
8. Farm or Lease Name Tract 4
9. Well No. 2
10. Field and Pool, or Wildcat Maljanar (G-SA)
12. County Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOBS <input type="checkbox"/>	
OTHER PB to 3900', set whipstock, drill new hole to 4300', log, run & Cmt 5" liner, <input checked="" type="checkbox"/>		OTHER <input type="checkbox"/>	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

perforate, acidize and convert from producer to water injection well.

1. MIRU pulling unit. Pull rods and pump. NU BOP and pull tubing.
2. GIH w/6-1/8" RB and 7" csg scraper on 2-7/8" tubing to top of liner @ 3924'. CHC and POOH.
3. GIH w/4-1/4" RB and CO inside 5" liner to top of fish @ 4060' or deeper is possible.
4. Set 7" cmt retainer on wireline in bottom 5' of csg jt at approximately 3900'. RIH w/tubing and string into retainer. Establish injection rate. If necessary, acidize to increase rate. Squeeze liner w/250 sx cmt with high pressure squeeze (5000 psi). Reverse out excess cmt. Note: retainer should be set in bottom 5' of csg jt to accommodate whipstock.
5. WOC 24 hours.
6. GIH 4° permanent whipstock and starting mill on 9 - 4-3/4" drill collars and 2-7/8" tubing and set on retainer. Begin cutting window in 7" csg until starting mill stops. POOH.
7. GIH w/6-1/8" cone buster mill, 9 - 4-3/4" drill collars, and 2-7/8" tubing and mill out window until completely through csg. POOH.

(SEE ATTACHMENT)

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED <u>E. J. Runyan</u>	TITLE <u>Region Operations Manager</u>	DATE <u>8-14-78</u>
APPROVED BY <u>John Runyan</u> Geologist	TITLE _____	DATE <u>AUG 16 1978</u>
CONDITIONS OF APPROVAL, IF ANY:		

ATTACHMENT on C-103, SMGSAU, Tract 1, Well #2.

8. GIH w/6-1/8" RB, 9 - 4-3/4" drill collars, and 2-7/8" tubing and drill 4° sidetrack hole to 4270'. C&CH and POOH to run logs.
9. Run GR-FDC-CNL and GR-DHL-MSFL logs.
10. GIH w/6-1/8" RB, drill collars, and 2-7/8" tubing and C&CH. POOH to run liner. LDDC.
11. RU and run 500' of 5" OD 13# FJ-40 csg liner from 3770' to 4270'. Hang liner at 3770' and cmt w/50 sx Class "H" w/0.6% CFR-2, 5# salt and 3# sand/sx. Centralize as necessary. WOC.
12. GIH w/6-1/8" RB and 7" csg scraper on 2-7/8" tubing and CO to top of liner at 3770'. Test top of liner to 1000#. POOH. If necessary, squeeze top of liner w/cmt and repeat step #12.
13. GIH w/4-1/4" drilling assembly and drill out liner top, tag cmt, and drill out to 4265' PBTD. Test liner and shoe to 1000#. CHC, spot 100 gallons acetic acid across proposed perforations, and POOH.
14. Run GR-CCL-CBL 4265' to 3700'. Perforate Premier Sand intervals as determined from logs 2 shots/ft using 3-3/8" csg gun.
15. GIH w/5" RTTS on 2-7/8" tubing and acidize as determined after well has been logged. A frac recommendation will also be designed after the well has been logged. Check well injectivity at plant pressure. POOH.
16. GIH w/5" injection packer on 2-3/8" plastic liner tubing and set 75' - 100' above the top perforations. Load annulus with treated fresh water. Hook up injection system and put well on injection.