

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.O.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease

State ☐ Fee ☒

5. State Oil & Gas Lease No.

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 -" (FORM C-101) FOR SUCH PROPOSALS.)

1. ☐ OIL WELL ☐ GAS WELL ☐ OTHER- Water Injection Well	7. Unit Agreement Name
2. Name of Operator <i>Alto Oil & Gas Co.</i>	8. Farm or Lease Name Seven Rivers Queen Unit
3. Address of Operator Box 1710, Hobbs, New Mexico 88240	9. Well No. 13
4. Location of Well UNIT LETTER M 660 FEET FROM THE South LINE AND 660 FEET FROM THE West LINE, SECTION 27 TOWNSHIP 22S RANGE 36E NMPM.	10. Field and Pool, or Withcat Eunice 7R0n So.
15. Elevation (Show whether DF, RT, GR, etc.) 34/9' GR	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 ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☒	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	

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.

KU 10/1/79, installed BOP, POH w/compl assy. RIH w/pkr, set @ 3214'. Cmdt perfs 3684-3746' w/ 50 sx C1 C w/.75 of 1% CFR-2. MP 2250#. POH w/pkr. WOC. TOC @ 3285'. Drld cmt 3285-3312' top of liner, drld cmt to 3755'. Ran CBL 3250'-0'. TOC @ 1962'. Perf'd 5½" csg @ 1950' w/4 JS. Ran & set BP @ 3023', pkr @ 1979'. Spotted 2 sx sd on top of BP. Broke perfs 1950' w/1750#. POH w/pkr. RIH w/cmt retr, set @ 1849'. Cmdt perfs @ 1950' w/550 sx Trinity Lite w/5% salt, 100 sx C1 C, 2% CaCl. Circ 90 sx cmt & R0 8 sx cmt. WOC. DO cmt & cmt retr. Press tested 5½" csg to 1600# for 30 mins OK. Circ sd off BP, retrieved BP. Perf'd 3½" liner w/1 JSPF @ 3684, 3694, 3702-3/10, 3714-3277' (29 holes). Spotted 100 gals 10% acetic acid across perf'd 3722-3500'. RIH w/pkr, set @ 3276'. Acidized perfs 3684-3722' w/6000 gals J type acid in 2 stages using 300# rock salt between stages. Flushed w/50 BPW. POH w/pkr & tbg. CO fill to 3728'. RIH w/pkr, set @ 3276'. Frac'd perfs 3684-3722' w/1500 gals Krystal Frac-30 followed by 1500 gals Krystal Frac-30 w/½# 20/40 sd/gal, 1500 gals Krystal Frac-30 w/1# 20/40 sd/gal, 1500 gals Krystal Frac-30 w/1½# sd/gal, 600 gal 10# brine gel & 300# rock salt, 1500 gals Krystal Frac, 300# rock salt in 400 gal gelled brine, 1500 gal Krystal Frac-30 w/2# sd/gal. 150 gals Krystal Frac-30 w/2½# sd/gal, flushed w/22 BPW. POH w/pkr & tbg. CO sd to 3785'. RIH w/pkr, set @ 3276'. Injected 3/4 BWPM @ 850#. POH w/pkr. RIH w/3½" pkr & 5½" Pkr on PL tbg. Set 3½" pkr @ 3435', 5½" pkr @ 3270'. Displ annulus w/corrosion inhibited fluid. On 22 hr injection test inj 341 BW, TP 1040#, CP 0#. Final Report.

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

SIGNED *[Signature]* TITLE **Dist. Drig Supt.** DATE **10/26/79**

APPROVED BY **John Runyan** TITLE **Geologist** DATE **NOV -1 1979**

CONDITIONS OF APPROVAL, IF ANY: