

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

OCT - 5 1981

O. C. D.  
ARTESIA OFFICE

Form C-103  
Revised 10-1-78

3a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
3. State Oil & Gas Lease No. LG 5573	

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. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER-		7. Unit Agreement Name
2. Name of Operator Transwestern Gas Supply Company		8. Farm or Lease Name Macho State
3. Address of Operator P. O. Box 2521, Room 1HC-3740, Houston, Texas 77001		9. Well No. 1
4. Location of Well UNIT LETTER <u>C</u> , <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>1980</u> FEET FROM THE <u>East</u> LINE, SECTION <u>32</u> TOWNSHIP <u>6S</u> RANGE <u>23E</u> NMPM.		10. Field and Pool, or Wildcat Wildcat (ABO)
11. Elevation (Show whether DF, RT, GR, etc.) 4063 GR		12. County Chaves

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

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>

SUBSEQUENT REPORT OF:

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPS. <input checked="" type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
CASING TEST AND CEMENT JOBS <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.

Set 20" conductor at 30' and grouted to surface. Spudded well July 26, 1981 at 0630 with 17½" hole. Drilled with air to 578. Ran 13-3/8" 48# K-55 casing to 380'. Pipe stuck. Cement with 200 sx Thixset "C" with 8#/sk gilsonite, 2% CaCl<sub>2</sub>, ½# Celoflake; 300 sx Lite Poz with 4#/sk gilsonite, ½# Celoflake. Cement did not circulate. TOC by temp. log 120'. Ran 1", cement with 100 sx "C" + 2% CaCl<sub>2</sub> + ½# Celoflake. Cement with 100 sx Thixset "C", cement to surface dropped back 20'. Fill to surface with 20 sx. WOC 12 hrs. after cement to surface, 48 hrs. from first cement. Reduce hole size to 12-¼", drill with air to 1834'. Ran 8-5/8" 24# J-55 to 1684', could not get deeper. Cement with 350 sx Thixset "C" + 2% CaCl<sub>2</sub> + 8# gilsonite + ½# Celoflake/sk; 500 sx Pozmix with same additives; tailed with 100 sx Class "C" + 2% CaCl<sub>2</sub> + .5% Gypseal. Found TOC at 780'. Spot three 50 sx plugs of Thixset "C" + 4% CaCl<sub>2</sub> + ½# Celoflake down annulus with 1" pipe, WOC 6 Hrs., pump 350 Thixset "C" + 4% CaCl<sub>2</sub> + ½# Celoflake. WOC 6 Hrs., TOC by temp. log 375. Pump 300 sx Thixset "C" as above, WOC 6 Hrs. Pump 350 sx Thixset "C" as above in 7 stages, WOC 3 Hrs., TOC by 1" 580'. Received permission and spotted 500 gal. Flow Check (250 gal sodium silicate + 250 gal water). Cement with 200 sx Thixset "C". Circulate cement to surface. WOC 12 Hrs. last cement, 68 Hrs. from initial cement. Reduce hole size to 7-7/8", drill with air to 3982'. Stuck pipe while POOH, back off, clean hole with mud to 3553', could not get deeper. Ran 4-½" 10.5# J-55 to 3655', with DV stage tool at 2934'. Cement with 250 sx 75-25 Poz mix "C" + 8# SAH; 190 sx 50-50 Poz "C" + 8# SAH.

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

(Cont.)

SIGNED [Signature] TITLE Manager, U.S. Onshore Production DATE 09-29-81

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE OCT 14 1981

CONDITIONS OF APPROVAL, IF ANY:

(Cont.)

Page 2

Dropped bomb, cemented second stage with 190 sx 50-50 Poz mix "C" + 8# salt. Released rig 9-2-81. Move in completion rig 9-7-81, drilled DV tool and cement to 3515'. Ran CBL-CNL-GR-CCL logs. Perf. with 2 JSPF 2888'-92'; 2904'-10'; 2922'-24'; 2936'-42'; 2968'-70'; 3004'-08', total 60 holes. Ran 2-3/8" 4.7# J-55 tbgs. to 2772'. Acidize with 3180 gal. 7½% HCL. Swab back acid. Frac well with 30,000 gal KCL gel, 10,000 gal liquid CO<sub>2</sub> and 50,000# 20-40 sand. Dropped 30 balls halfway through. Attempt to clean up, well making 60-80 MCF/day and heads of frac fluid. Will continue cleaning up well and evaluate for remedial work.