

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-79

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DISTRIBUTION	
SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.O.S.	
LAND OFFICE	
OPERATOR	<input checked="" type="checkbox"/>

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> For <input type="checkbox"/>
5. State Oil & Gas Lease No. E-7668

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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Sun Exploration & Production Co. ✓	8. Farm or Lease Name Millman Pool Ut. TR7
3. Address of Operator P.O. Box 1861, Midland, Texas 79702	9. Well No. 2
4. Location of Well UNIT LETTER E 1980 FEET FROM THE North LINE AND 660 FEET FROM THE West LINE, SECTION 13 TOWNSHIP 19-S RANGE 28-E N.M.P.M.	10. Field and Pool, or Wildcat Millman Queen Grayburg East
15. Elevation (Show whether DF, RT, GR, etc.)	12. County Eddy

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

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐  
TEMPORARILY ABANDON ☐  
PULL OR ALTER CASING ☐  
OTHER ☐

PLUG AND ABANDON ☐  
CHANGE PLANS ☐  
OTHER ☒

REMEDIAL WORK ☐  
COMMENCE DRILLING OPNS. ☐  
CASING TEST AND CEMENT JOB ☐  
OTHER ☐

ALTERING CASING ☐  
PLUG AND ABANDONMENT ☐  
OTHER ☐

Perf & Acdz

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.

MIRU workover unit. POH w/ rods and pump assembly. Install BOP. Lower tubing and tag PBD (2193); if no fill is encountered proceed to Step 3. POH w/ 2-3/8" tbg.

GIH w/ 2-3/8" WS, 2 DC, 3-7/8" RB and csg scraper, clean out hole to PBD (2193.) POH w/ 2-3/8" WS, DC's, 3-7/8" RB and csg scraper.

McCullough to perf the following intervals in the Queen and Grayburg w/ Super Dyna Jet, 3-5/8" gun, 15 gm chg, 0.45" E.H. Select fire gun, by Lane Wells perforation and Collar Log, dated 1-3-59 w/ 1JSPF.

Queen: 1674-82, 86-94, 1708-12, 1790-1808, 26-34, 48-60, 78-86, 1914-18, 28-37, 54-60  
66-78, 84-90.

Grayburg: 2006-12, 18-24.

GIH w/ 2-3/8" WS, Baker FBRC pkr, retrieving head, and RBP. Set RBP at  $\pm$  2188'.

B.J. Hughes to spot 99 gals of 15% NEHCL acid from 2185 to 2040., set pkr at  $\pm$  2035.

Acadz perfs 2065 to 2185 w/ 4800 gals of 15% NEHCL in 4 equal stages as follows:

A. Acadz perfs w/ 1200 gals of 15% NEHCL. (Drop 1 ball every 100 gals.)

B. Drop block of 500# GRS in saturated gelled brine. cont..

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

SIGNED DeAnn Kemp

TITLE Acctg. Assist II

DATE June 8, 1982

APPROVED BY [Signature]

TITLE

**OIL AND GAS INSPECTOR**

DATE

**JUN 14 1982**

CONDITIONS OF APPROVAL, IF ANY:

# 5 cont...

- C. Repeat Step A
- D. Repeat Step B: Adjust block according to pressure responses of previous block.
- E. Repeat Step A.
- F. Repeat Step B.
- G. Repeat Step A.
- H. Flush to bottom perf and overdisplace into formation w/ 2 bbls of 2% KCL water.

Release pkr and retrieve RBP at 2188. PUH and set RBP at  $\pm$  2050. Test RBP 1000#. Spot 85 gals of acid from 2024 to 1900. Set pkr  $\pm$  1900'. Acidz perfs from 1914 to 2024 w/ 5600 gals of 15% NEHCL in 4 equal stages as follows: (Drop 1 ball every 135 gals.)

- A. Acidz perfs w/ 1400 gals of 15% NEHCL
- B. Drop block of 400# GRS in saturaged gelled brine.
- C. Repeat Step A.
- D. Repeat Step B: adjust block according to pressure responses of previous block.
- E. Repeat Step A.
- F. Repeat Step B.
- G. Repeat Step A.
- H. Flush to bottom perf and overdisplace into formation w/2 bbls of 2% KCL water.

Release pkr and retrieve RBP at 2050'. PUH and set RBP at  $\pm$  1905'. Test RBP 1000#. Spot 90 gals of acid from 1886 to 1755. Set pkr at  $\pm$  1755. Acidz perfs w/ 4000 gals of 15% NEHCL in 4 equal stages as follows: (Drop 1 ball every 100 gals.)

- A. Acidz perfs w/ 1000 gals of 15% NEHCL.
- B. Drop block of 200# GRS in saturated gelled brine.
- C. Repeat A
- D. Repeat B: adjust block according to pressure responses of previous block.
- E. Repeat A
- F. Repeat B
- G. Repeat A
- H. Flush to bottom perf and overdisplace into formation w/ 2 bbls of 2% KCL water.

Release pkr and retrieve RBP at 1905'. PUH and set RBP at  $\pm$  1780'. Test RBP 1000#. Spot 50 gals of 15% NEHCL from 1743 to 1670. PUH and set pkr  $\pm$  1570. Acidz w/ 4500 gals of 15% NEHCL in 3 equal stages as follows: (Drop 1 ball every 170 gals.)

- A. Acidz perfs w/ 1500 gals of 15% NEHCL.
- B. Drop block of 350# GRS in saturated gelled brine.
- C. Repeat A.
- D. Repeat B: adjust block according to pressure response of previous block.
- E. Repeat A.
- F. Flush to bottom perf and overdisplace into formation w/ 2 bbls of 2% KCL water.

Release pkr and retrieve RBP. POH w/ pkr and RBP. GIH w/ 2-3/8" W.S. and SN, open-ended. Swab LAW and evaluate F.E.

POH w/ 2-3/8" WS

GIH w/ 2-3/8" tbg, POP and test. 66 rod string, 1 1/4" pump, SN 2140, PN 2141, MA 2144, TS 2175

15% NEHCL acid: 3gpt G-10, friction reducer and a suspending agent  
2gpt J-4A, cationic surfactant used as a demulsifier  
SA-2, FE sequestering agent.

Acidz perfs at a max rate of 5 BPM and a max treating pressure of 4000 psi.