

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION RECEIVED

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

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

JUN 11 1982

O. C. D.
ARTESIA, OFFICE

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <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 East Millman Pool Ut. Tr-7
3. Address of Operator P.O. Box 1861, Midland, Texas 79702	9. Well No. 4
4. Location of well UNIT LETTER <u>L</u> <u>2310</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE, SECTION <u>13</u> TOWNSHIP <u>19-S</u> RANGE <u>28-F</u> 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

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"/>	OTHER <u>Perf & Acdz</u> <input checked="" type="checkbox"/>	CASING TEST AND CEMENT JOBS <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.

MIRU workover unit. POH w/ rods & pmp assembly. Install BOP, lower tbg & tag top of fish at approx. \pm 2187. POH w/ 2-3/8" tbg.

GIH w/ 2-3/8" WS, 2 DC's, 3 1/2" wash pipe, smooth OD cut right bottom, cut right ID, 3-7/8" shoe, w/ drilling line wickers. Wash over and retrieve fish, circulate hole clean.

McCullough to perf the following intervals in the Queen and Grayburg w/ Super Dyna-Jet, 3-5/8" gun, 15 gm chg, 0.45 EH, by: Gammatron Log dated 1-5-60. w/ 1JSPF.

Queen: 1652-74, 1702-04, 14-18, 24-30, 61-65, 82-92, 1834-40, 48-52, 70-82, 1896-1904, 22-28, 48-52, 60-82.

Grayburg: 2012-16, 38-46, 52-66, 80-96, 2112-18, 48-54, 62-66.

GIH w/ 2-3/8" WS, Baker FBRC pkr, retrieving head and RBP. Set RBP @ \pm 2210.

Release pkr & GIH.

Spot 130 gals of 15% NEHCL from 2200 to 2000'. Set pkr at \pm 1990. Howco to Acdz perfs from 2012-2200 w/ 7800 gals of 15% NEHCL in 6 stages as follows:

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

SIGNED Dee Ann Kemp TITLE Acctg. Assist II DATE June 8, 1982

APPROVED BY M. R. Williams TITLE OIL AND GAS INSPECTOR DATE JUN 14 1982

CONDITIONS OF APPROVAL, IF ANY:

EMPU 4
Perf & Acdz

- A. Acdz perfs w/ 1300 gals of 15% NEHCL.
- B. Drop block of 300# 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. Repeat B.
- I. Repeat A.
- J. Repeat B.
- K. Repeat A.
- L. Flush to bottom perf and overdisplace into formation w/ 2 bbls of 2% KCL water.

Release pkr & retrieve RBP @ \pm 2210'. PUH and set RBP @ \pm 2002. Test RBP to 1000#. Spot 111 gals acid from 1982 to 1815. Set pkr @ 1805 \pm . Acdz perfs from 1834 to 1982 w/ 7000 gals of 15% NEHCL in 5 equal stages as follows:

- A. Acdz perfs w/ 1400 gals of 15% NEHCL
- B. Drop block of 300# 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. Repeat B.
- I. Repeat A.
- J. Flush to bottom perf and overdisplace into formation w/ 2 bbls of 2% KCL water.

Release pkr and retrieve RBP @ \pm 2002'. PUH and set RBP @ \pm 1820. Test RBP to 1000#. Spot 140 gals of 15% NEHCL acid from 1792-1582. PUH and set pkr @ 1550. Acdz perfs from 1652 to 1792 w/ 5600 gals of 15% NEHCL in 4 equal stages as follows:

- A. Acdz perfs w/ 1400 gals of 15% NEHCL
- B. Drop a block of 300# 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 retireve RBP. POH w/ RBP. GIH w/ 2-3/8" WS, open-ended to 2200'. SWAB LAW and evaluate FE.

POH w/ 2-3/8" WS.

GIH w/ 2-3/8" tbg, POP & test. (66 rod string, 1 1/4" Pump, PS-2138')

15% NEHCL acid to contain the following:

- 2 gpt of Losurf-259; monionic surfactant used as a demulsifier.
- 1 gpt of HAI-50; organic corrosion inhibitor
- 10 gpt of FE1A & 50# pt of FE2; FE1A (acetic acid) when combined with FE2 (citric acid) will be used as an iron sequestering agent.

Acdz perfs @ a max rate of 5 BPM and a max treating pressure of 4000 psi.