STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

RECEIVED
JUN 11 1982
O. C. D.
ARTESIA, OFFICE

Form C-103
Revised 10-1-78

5a. Indicate Type of Lease: State [XX] Fee [ ]
5. State Oil & Gas Lease No.: OG-784

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 [X] GAS WELL [ ] OTHER-

7. Unit Agreement Name:

2. Name of Operator: Sun Exploration & Production Co. ✓

8. Farm or Lease Name: East Millman Pool Ut. TR4

3. Address of Operator: P.O. Box 1861, Midland, Texas 79702

9. Well No.: 4

4. Location of Well
UNIT LETTER M, 660 FEET FROM THE South LINE AND 660 FEET FROM THE West LINE, SECTION 13 TOWNSHIP 19-S RANGE 28-E NMPM.

10. Field and Pool, or Wildcat: Millman Queen Grayburg Gas

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 [ ]	PLUG AND ABANDON [ ]	REMEDIAL WORK [ ]	ALTERING CASING [ ]
TEMPORARILY ABANDON [ ]		COMMENCE DRILLING OPNS. [ ]	PLUG AND ABANDONMENT [ ]
PULL OR ALTER CASING [ ]	CHANGE PLANS [ ]	CASING TEST AND CEMENT JOB [ ]	
OTHER Perf & Acdz [x]		OTHER [ ]	

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. Tag PBD if no fill is encountered, go to Step 3.

GIH w/ 2-3/8" WS, 2 DC's, 3-7/8" RB & csg scraper and clean out fill. POH w/ 2-3/8" WS, DC's and 3-7/8" RB and csg scraper.

McCullough to perf the following intervals in the Queen-Grayburg w/ Super Dyna Jet & 3-5/8" gun, 15 gm chg, 0.45 E.H. w/ 1 JSPF. Perfs from open hole, log dated 11-13-63.
Queen: 1706-12, 1724-28, 1742-50, 1827-31, 1890-1900, 1960-66, 1971-75, 1988-92, 2018-26, 2038-52, 2056-60, 2068-82.
Grayburg: 2156-62 * (See attached collar leg for correct perf depth).

GIH w/ 2-3/8" WS, Baker FBRC pkr, retrieving head and RBP. Set RBP @ ± 2230.

BJ. Hughes to spot 135 gals 15% NEHCL* from 2214 to 2016. Set pkr @ ± 2005. Acdz perfs from 2214 to 2018 w/ 4000 gals 15% NEHCL * in 4 equal stages as follows:
A. Acdz perfs w/ 1000 gals of 15% NEHCL.
B. Drop block of 250 GRS in saturated gelled brine.
C. Repeat Step A. (cont..

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

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

APPROVED BY Mike Williams TITLE OIL AND GAS INSPECTOR DATE JUN 14 1982

CONDITIONS OF APPROVAL, IF ANY:

#5 cont..

D. Repeat Step B; adjust block according to pressure responses of previous block.
E. Repeat 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. PUH and set RBP @ ± 2005. Spot 25 gals of 15% NEHCL * from 1992 to 1955. Set pkr @ ± 1950. Acdz perfs from 1996 to 1960 w/ 1500 gals of 15% NEHCL * in 2 equal stages as follows:

A. Acdz perfs w/ 750 gals of 15% NEHCL.
B. Drop block of 700# GRS in saturated gelled brine.
C. Repeat Step A.
D. Flush to bottom perf and overdisplace into formation w/2 bbls of 2% KCL water.

Release pkr and retrieve RBP. PUH and set RBP @ ± 1950. Rest RBP to 1000#. Spot 85 gals of 15% NEHCL from 1935 to 1810. Set pkr @ 1810. Acdz perfs from 1935 to 1827 w/ 2000 gals of 15% NEHCL in 2 equal stages as follows:

A. Acdz perfs w/ 1000 gals of 15% NEHCL.
B. Drop block of 700# GRS in saturated gelled brine.
C. Repeat Step A.
D. Flush to bottom perf and overdisplace into formation w/ 2 bbls of 2% KCL water.

Release pkr and retrieve RBP. PUH and set RBP @ ± 1820. Test RBP to 1000#. Spot 75 gals of 15% NEHCL from 1800 to 1690. Set pkr @ ± 1600. Acdz perfs from 1800 to 1706 w/ 1500 gals of 15% NEHCL as follows:

A. Acdz perfs w/ 750 gals of 15% NEHCL.
B. Drop block of 700# GRS in saturated gelled brine.
C. Repeat Step A.
D. Flush to bottom perf and overdisplace into formation w/ 2 bbls of 2% KCL Water.

Release pkr and retrieve RBP. POH w/ RBP. GIH w/ 2-3/8 WS open-ended. Swab LAW and evaluate FE.

POH w/ 2-3/8" WS.

GIH w/ 2-3/8" tbg, POP and test. (66 rod string, 1¼" pump, PS-2268±).

15% NEHCL acid to contain the following:
3 gpt of G-10, friction reducer and as a suspending agent.
2 gpt of J-HA, cationic surfactant used as a demulsifier
SA-2, FE sequestering agent.