

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION

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

Form C-103
Revised 10-1-78

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No. B-2287	

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 ☐		7. Unit Agreement Name
2. Name of Operator Sun Exploration & Production Company		8. Farm or Lease Name New Mexico State
3. Address of Operator P.O. Box 1861 Midland, Texas 79702		9. Well No. 1
4. Location of Well UNIT LETTER <u>A</u> <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM <u>East</u> <u>25</u> <u>19S</u> <u>36E</u> THE <u>LINE, SECTION</u> <u>TOWNSHIP</u> <u>RANGE</u> <u>NMPM.</u>		10. Field and Pool, or Wildcat Eunice Monument (G-SA)
15. Elevation (Show whether DF, RT, GR, etc.) <u>3663 GR</u>		12. County <u>Lea</u>

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 ☐	OTHER <u>Add perfs, acid'z & removed scale</u> ☒

7. 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.

REC: ACIDIZE TO REMOVE SCALE

2/23/88 MIRU X-PERT WS. POH W/RODS & PUMP DROP STD VALVE. PRESS TEST 2-3/8" TBG TO 2000# OK. 5-1/2" CSG SCRAPER & HYDROSTATIC BAILER ON 2-3/8" TBG. TAG FILL AT 3931'. CO FILL TO PBTD 3979'. REC SL. AMT SD & LARGE AMT OF SCALE.

2/24/88 ROUND TRIP PFT THRU PERFS 3908-3979, PUMP 60 BBLS 2% NE KCL WTR WHILE IN CIRC MODE. PFT THRU PERF PUMPING 6000 GALS 20% NEFE HCL. TIH W/2-3/8" TBG & PUMPING SET UP. TS 3935', SN 3899'. RIH W/2x1-1/2x16' PUMP ON 66 ROD STRING.

3/15/88 24 P, 0 BO, 195 BW. 17-1/2x54x1-1/2 NFL. DROPPED FROM REPORT. PENDING FURTHER EVALUATION.

4/8/88 DROPPED FROM REPORT 3/15/88 PENDING FURTHER EVALUATION. MIRU X-PERT. WS, POH W/RODS & PUMP, ND WELLHEAD, NU BOP, POH W/2-3/8" TBG & PUMPING SET UP. SET PKR AT 3870', EIR INTO PERFS 3908-79. 3-1/2 BPM AT 0#. REL PKR. TIH W/5-1/2" BKR CMT RETAINER ON 2-7/8" TBG TO 3870' AND SET RETAINER. LOAD & PRESS ANNULUS TO 500# BJ TITAN. EIR INTO PERFS 3908-79. 3-1/2 BPM at 0#, SQZ W/350 SKS CLASS C NEAT CMT, DISPLACE 290 SKS BELOW RETAINER, FP 2000#, SNAP OUT OF RETAINER, DUMP 5 SKS ON RETAINER, CIRC OUT 55 SKS CMT TO PIT.

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

SIGNED Alva Inana TITLE Accounting Associate DATE 7/21/88

Orig. Signed by
Paul Kautz
Geologist

APPROVED BY _____ TITLE _____ DATE AUG 01'88

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO STATE #1
LEA COUNTY, NEW MEXICO

4/12/88 RIH W/4-3/4 RB. 8 - 3-1/2 DC ON 2-3/8 TBG. TAG & DRILL CMT. RET 3870-72. TRIP FOR BIT TAG & DRILL HARD CMT 3872-3932 PBD. CIRC CLN TEST 1500# OK.

4/13/88 LWR BIT TO 3932'. BJ TITAN SPOT 2 BBLs 15% NEFEHCL ACID FROM 3932' TO 3846'. MC CALL PERF GRAYBURG PERFS 3865-70, 3883-89, 3896-3905, 3912-25. 1 JSPF 37 HOLES. PFT THRU SAME PERFS PUMPING 3000 GALS 15% NEFEHCL ACID IN INJECTION MODE. BOP 1100#, MP 950#, AP 700#, AIR 1.8 BPM, ISIP VAC.

4/14/88 RIH W/2x1-1/2x16 PUMP ON 66 RODSTRING. SPACE OUT, HANG ON.

4/24/88 PUMP STUCK

4/25/88 WELL NOT PUMPING

4/30/88 DOWNHOLE FAILURE

5/3/88 POH W/RODS & PMP.

5/4/88 FOH W/2-3/8 PROD. TBG & PUMP SET UP. RIH W/2-3/8"x5-1/2" BAKER MOD "R" ON 2-3/8" PROD TBG TO 3840. SQUEEZE PERFS 3865'-3925' W/165 GAL TRETOLITE SR 242 W/150 BBLs FRESH WATER. FLUSH W/150 BBLs FRESH WATER. MAX PRESS 600#, MAX INJ. RATE 3 BPM, AVG PRESS 500#, AIR 1 BPM. RELEASE PKR W/2-3/8 PROD TBG & PKR. PMP SET UP ON 2-3/8" PROD TBG. SDFN.

5/5/88 FIH W/2-3/8 PROF TBG & PMP SET UP. TS 3927, MA 3917, SN 3916. RIH W/2x1-1/2x16 PUMP ON 66 RS SPACE OUT HANG ON.

6/8/88 DROPPED FROM REPORT 5/17/88 PENDING FURTHER EVALUATION.

6/9/88 POH W/2-3/8 TBG. RIH W/5-1/2 CMT RET ON 2-3/8 TBG. SET RET 3806. HOWCO TRAP 500# ON CSG. FIR IN GRAYBURG PERFS 3865-3920. 3 BPM @ 800# SQUEEZE PERFS W/100 SKS C W/5% HALAD-9 & 150 SKS C W/2% CACL2. DISP 237 SKS BELOW RET.

6/10/88 DRILL CMT 3802-06 CMT RET 3806-09 HARD CMT 3809-3932 CIRM CLN TEST 500# OK.

6/11/88 BJ TITAN SPOT 2 BBLs 15% NEFE HCL ACID FROM 3930' TO 3846'. PERF GRAYBURG 3865-70. 3883-89, 3896-3905 1 JSPF & 3912-20 2 JSPF, TOTAL 40 HOLES, 4" CSG GUN, 22.5 GC, .53 EHD. BJ TITAN SPOT AND WASH 500 GALS 15% NEFE HCL ACID ACROSS PERFS 3865-3920 REV ACID INTO TBG, SET PKR, DISPLACE ACID INTO PERFS 3865-3920 AT 1/2 BPM W/500# ISIP 420#, 15 MIN SIP 0#, 2 HRS SWAB, 0 BO, 12 BLAW, FL 300' TO 3500', FE 1/2 BPH AFTER 1 HR.

6/14/88 REL & POH W/PKR & TBG. RIH W/2-3/8" TBG & PUMPING SET UP, TS 3927, SN 3916, PU & RIH W/2x1-1/2x16 PUMP ON A 66 ROD STRING.

6/21/88 WELL SI PENDING ACID JOB.

6/23/88 MIRU RAN WS. POH W/PUMP & RODS. BJ SPOT 3 BBLs 15% NEFE 3919-3794. RAISE & SET PKR 3761. BJ ACIDZ GRAYBURG PERFS 3865-3920 W/2000 GALS 15% NEFE & 60 RCNBS/FP 1550, ISIP 800, 4 MIN SIP VAC, AIR 2.8 BPM.

6/24/88 ROUND TRIP THRU PERFS 3865-3920 PUMPING 4116 GALS 2% KCL WTR WHILE IN CIRC MODE. SPOT ACID TO TOOL, ROUND TRIP THRU PERFS W/ANNULUS CLOSED. PUMPED 2000 GAL 15% NEFE HCL ACID WHILE IN INJECTION MODE, BDP 800# MAX TP 800#. POH W/PFT & TBG. RIH W/5-1/2" BAKER RDG PKR & TBG. SET PKR & 3761', SWAB 6 HRS REC 4 BO, 58 BLAW. NO FLOW OVERNIGHT. IN 1/2 HR SWAB 2 BO, 1 BLAW, FL 2900-3400. POH W/PKR. RIH W/2-3/8 TBG & PMPG SET UP. TS 3926, SN 3915. RIH W/2x1-1/2x16 PUMP ON 66 ROD STRING. SPACE OUT HANG ON.

7/7/88 24 P, 6 BO, 26 BW, 22 MCF 17x54x1-1/2 FL ON SN @ 3916.