



SOHIO PETROLEUM COMPANY
EXPLORATION AND PRODUCTION

MIDLAND, TEXAS 79702
P. O. BOX 3000

MIDLAND DISTRICT

January 30, 1979

Mr. Joe D. Ramey
New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Application for
Non-Standard Proration Unit
Elliott B-12-2 No. 2
Eunice, S. (San Andres)
1980' FNL, 660' FWL, Sec 12, 22S, 37E
Lea County, New Mexico

40 acres SW/4 NW/4 Sec 12

Gentlemen:

Sohio Petroleum Company as operator of the subject well and by this letter makes application for a non-standard 40 acre proration unit on the Elliot B-12-2 lease, as shown on the attached acreage plat. It is our understanding that the normal proration unit as outlined by field rules is 80 acres, and that the top allowable will be reduced accordingly.

The subject well was recently released from the Exxon Paddock Unit and returned to Sohio. Subsequently, the well was recompleted to the San Andres as per attached completion report. It potentialized for 8 BOPD, 83 BWPD and 6 MCFFPD on 11/25/78. The well potential being well below the maximum allowable for a 40 acre unit.

In accordance with New Mexico rules, we are submitting by certified mail a copy with attachments of this application to all offset operators on the attached list and as per attached field plat. Sohio Petroleum Company believes approval of this request will be in the interest of conservation, protect correlative rights, and allow for more complete recovery in the San Andres horizon.

If any further information is needed, please contact us.

Yours very truly,

SOHIO PETROLEUM COMPANY

J. H. Walters
J. H. Walters
District Superintendent

JHW/or

Attachments

cc: P. G. Rennie

Offset operators as per attached

New Mexico Oil & Gas
ATTN: Melba Carpenter
Box 1890
Hobbs, NM 88240

USGS
Box 1157
Hobbs, NM 88240

*NSP - 1135
Rule 3 R-3706
2-27-79 3-9-79
S. Eunice - San Andres Pool*

Offset Operators

Anadarko Production Co.
Attn: John C. English
Box 806
Eunice, N. M. 88231

Atlantic Richfield Co.
Attn: Mr. G. U. Ricks
Box 1710
Hobbs, N. M. 88240

Exxon Co., U.S.A.
Attn: Mr. J. M. Shepherd
Box 1600 Exxon Bldg.
Midland, TX 79701

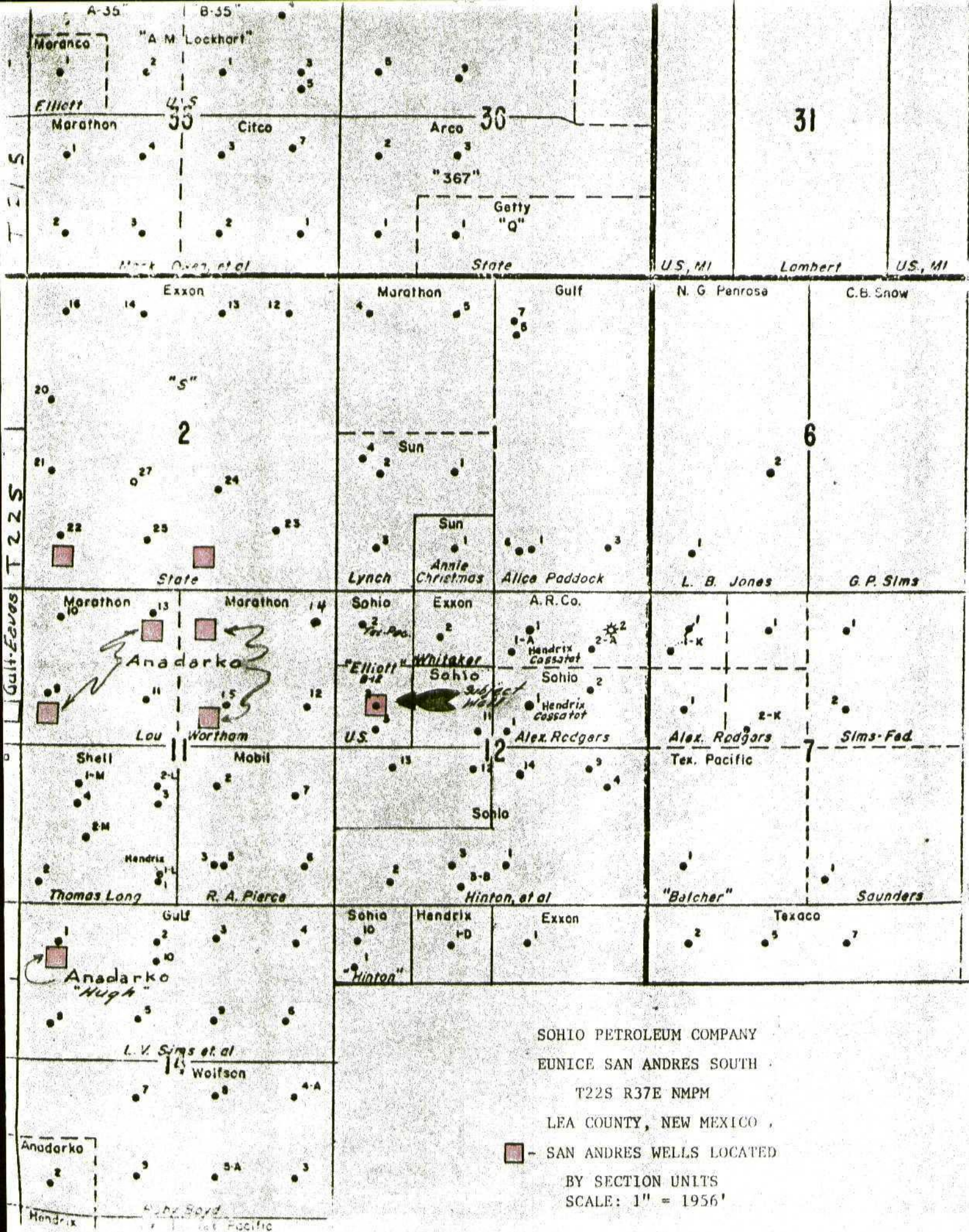
Marathon Oil Co.
Attn: Mr. G. A. Naert
P. O. Box 522
Midland, TX 79702

Mobil Oil Company
Attn: John D. Howard
Box 633
Midland, TX 79701

Sun Production Co.
Attn: Mr. R. K. Beggs
Box 1861
Midland, TX 79702

Texas Pacific Oil Co.
Attn: R. U. Womack
P. O. Box 4067
Midland, Texas 79701

Mr. John H. Hendrix
403 Wall Towers West
Midland, Texas 79701



**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE

(See instructions on reverse side)

Form
Budget Bureau No. 42-10000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

2. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☒ DIFF. BSRV. ☐ Other ☐

3. NAME OF OPERATOR
SOHIO PETROLEUM COMPANY

4. ADDRESS OF OPERATOR
P. O. Box 3000 Midland, TX 79702

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface **1980' FNL, 660' FWL, Sec 12, 22S, 37E, NMPM**
At top prod. interval reported below
At total depth

14. PERMIT NO. DATE ISSUED

6. LEASE DESIGNATION AND SERIAL NO.
LC 064427

8. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Elliott B-12-2

9. WELL NO.
2

10. FIELD AND POOL, OR WILDCAT
Eunice, S. (San Andres)

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
12, 22S, 37E, NMPM

12. COUNTY OR PARISH
Lea

13. STATE
N. Mexico

19. BLEV. CASINGHEAD

15. DATE SPUNDED **9-19-78** 16. DATE T.D. REACHED **10-17-78** 17. DATE COMPL. (Ready to prod.) **3353 DF**

18. TOTAL DEPTH, MD & TVD **3996'** 19. IF MULTIPLE COMPL., HOW MANY? **23** 20. INTERVALS DRILLED BY **ROTARY TOOLS** **CABLE TOOLS**

21. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
San Andres

22. TYPE ELECTRIC AND OTHER LOGS RUN
Gamma Ray Neutron

23. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLES SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|-----------------|----------------|------------|------------------|---------------|
| 7" | 23 | 5159' | 8-3/4" | 500 SX | |
| 9-5/8" | 36 | 2809' | 12" | 1390 SX | |
| 13-3/8" | 48 | 171' | 17-1/4" | 118 SX | |
| 6 1/4" | OH | 5175 | | | |

| SIZE | TOP (MD) | BOTTOM (MD) | BACKS CEMENT* | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|------|----------------|-----------------|
| | | | | | | | |

24. PERFORATION RECORD (Interval, size and number)

| INTERVAL | SIZE | NUMBER |
|------------|------|--------|
| 3912-3922' | 6 | shots |

25. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| 4690-4443' | 1500 gals 15% HCl |
| 3971-3912' | 2000 gals 15% HCl |
| 3971-3912' | Sqzd 125 SX |
| 3912-3922' | 250 gals 15% HCl |

26. PRODUCTION

27. DATE FIRST PRODUCTION **10-17-78** PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) **Pumping - 1 1/2" insert rod pump** WELL STATUS (Producing or shut-in) **Producing**

28. DATE OF TEST **11-25-78** HOURS TESTED **24** CHOKER SIZE **-** PROD'N. FOR TEST PERIOD **8** OIL—BBL. **6** GAS—MCF. **83** WATER—BBL. **750** GAS-OIL RATIO **32.8**

29. FLOW, WORKING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE **8** OIL—BBL. **6** GAS—MCF. **83** WATER—BBL. **750** GAS-OIL RATIO **32.8**

30. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) **Sold**

31. LIST OF ATTACHMENTS **C-116**

32. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

ORIGINAL SIGNED BY **D. R. LUTTON** TITLE **District Engineer** DATE **11-28-78**

* (See Instructions and Spaces for Additional Data on Reverse Side)

MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
 Supersedes C-128
 Effective 1-1-65

All distances must be from the outer boundaries of the Section.

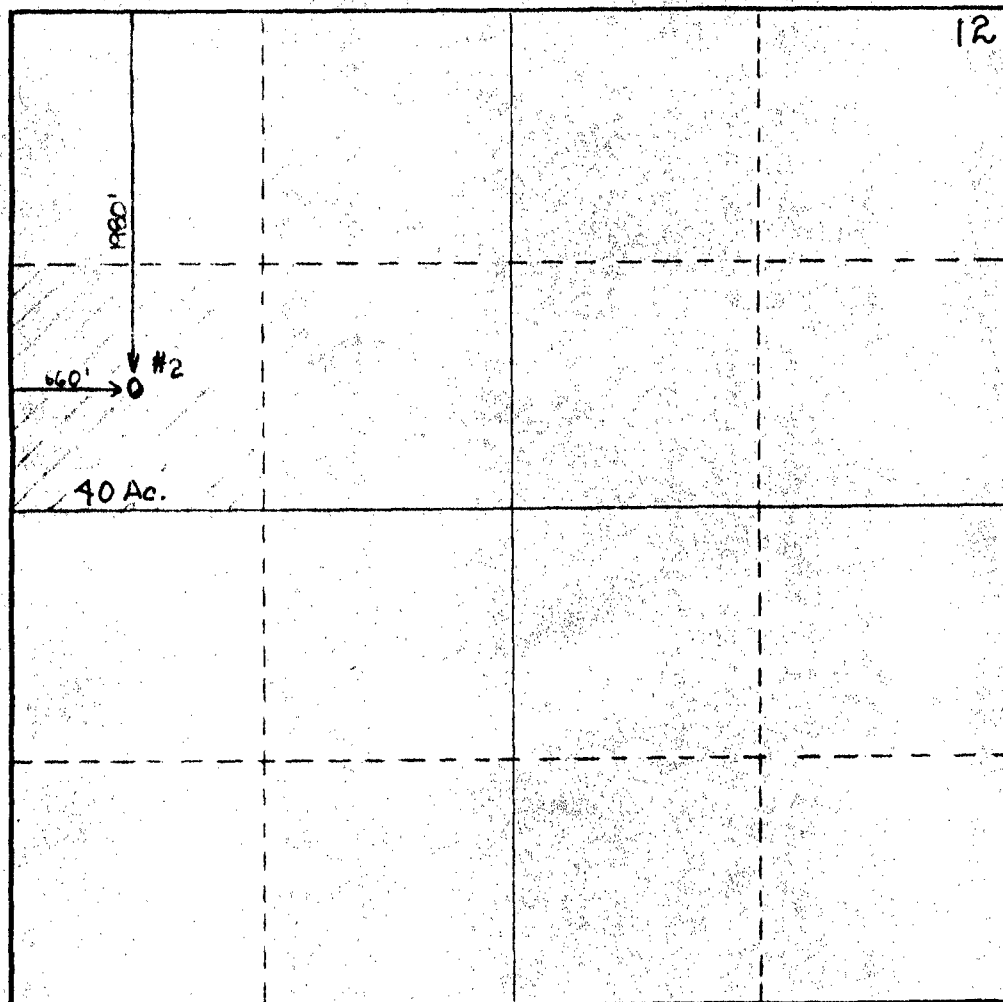
| | | | | | |
|---|--|-------------------------|--------------------------------|----------------------|---------------------------------------|
| Operator SOHIO PETROLEUM COMPANY | | | Lease Elliott B-12-2 | | Well No. 2 |
| Unit Letter E | Section 12 | Township 22-S | Range 37-E | County Lea | |
| Actual Footage Location of Well: 1980 feet from the North line and 660 feet from the West line | | | | | |
| Ground Level Elev. 3353 DF | Producing Formation San Andres | | Pool San Andres | | Dedicated Acreage: 40 Acres |

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes" type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Name
J. H. Walters
 Position
District Superintendent
 Company
Sohio Petroleum Company
 Date
September 1, 1978

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

 Registered Professional Engineer
 and/or Land Surveyor

Certificate No. _____

