



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

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

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 potentialled for 8 BOPD, 83 BWPD and 6 MCFPD 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

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. 42-10000-1

**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

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**

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED **3353 DF**

15. DATE SPUNDED **9-19-78** 16. DATE T.D. REACHED \_\_\_\_\_ 17. DATE COMPL. (Ready to prod.) **10-17-78** 18. ELEVATIONS (DF, REB. RT, OR, ETC.)<sup>\*</sup> \_\_\_\_\_ 19. ELEV. CASINGHEAD \_\_\_\_\_

20. TOTAL DEPTH, MD & TVD **3996'** 21. PLUG BACK T.D., MD & TVD \_\_\_\_\_ 22. IF MULTIPLE COMPL., HOW MANY? \_\_\_\_\_ 23. INTERVALS DRILLED BY \_\_\_\_\_ ROTARY TOOLS \_\_\_\_\_ CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)<sup>\*</sup>  
**San Andres** 25. WAS DIRECTIONAL SURVEY MADE **no**

26. TYPE ELECTRIC AND OTHER LOGS RUN  
**Gamma Ray Neutron** 27. WAS WELL CORRED **no**

28. CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	CASING RECORD (Report all strings set in well)		AMOUNT PULLED
			HOLD SIZE	CEMENTING RECORD	
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 1/2"	OH	5175			

29. SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT <sup>*</sup>	SCREEN (MD)	80. TUBING RECORD		
					SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3912-3922', 6 shots	4690-4443'	1500 gals 15% HCl
	3971-3912'	2000 gals 15% HCl
	3971-3912'	Sqzd 125 SX
	3912-3922'	250 gals 15% HCl

33. PRODUCTION  
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**

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

FLOW, VARIING PERIODS. CASING PRESSURE \_\_\_\_\_ CALCULATED 24-HOUR RATE \_\_\_\_\_ OIL—BBL. **8** GAS—MCF. **6** WATER—BBL. **83** OIL GRAVITY-API (CORR.) **32.8**

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
**Sold** TEST WITNESSED BY **J. F. Bishop**

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

36. 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.

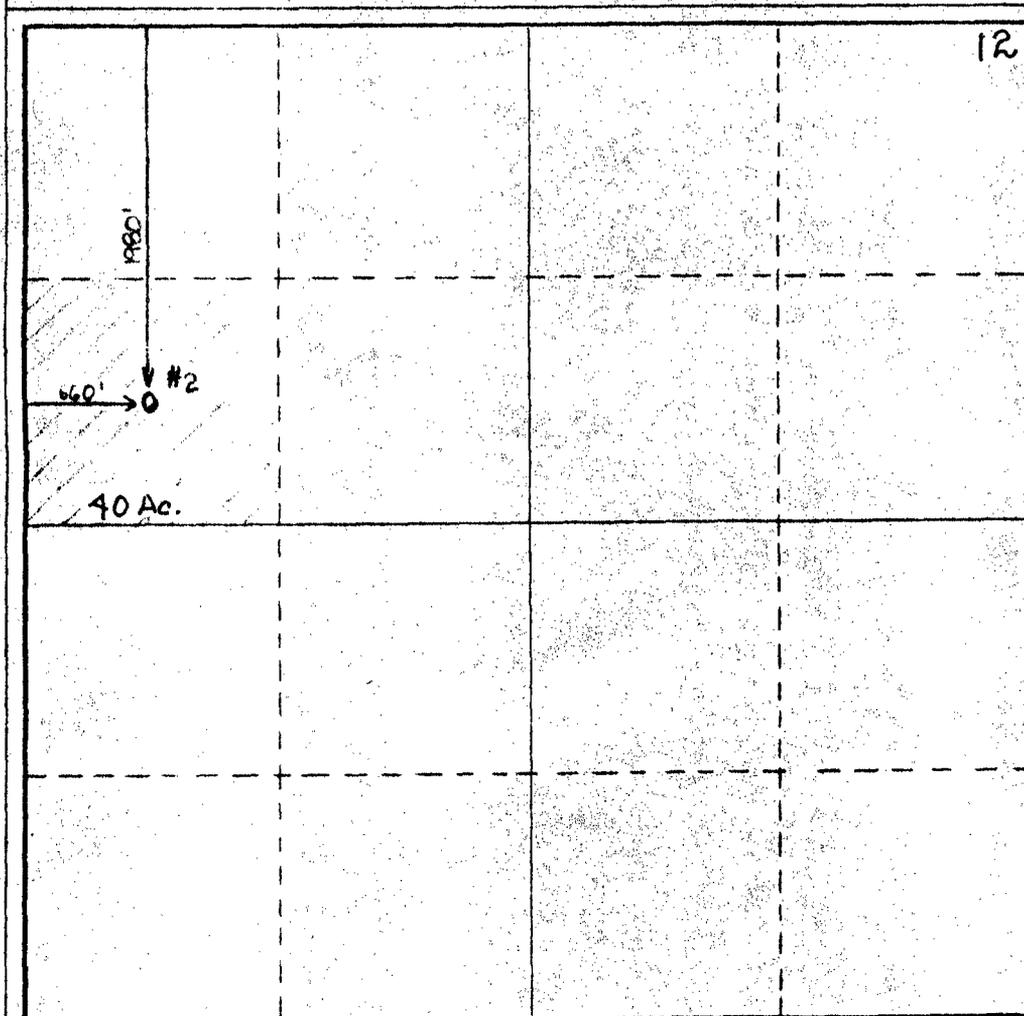
Operator <b>SOHIO PETROLEUM COMPANY</b>		Lease <b>Elliott B-12-2</b>			Well No. <b>2</b>
Unit Letter <b>E</b>	Section <b>12</b>	Township <b>22-S</b>	Range <b>37-E</b>	County <b>Lea</b>	
Actual Footage Location of Well: <b>1980</b> feet from the <b>North</b> line and <b>660</b> feet from the <b>West</b>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

