



MURPHY OPERATING CORPORATION

ROSWELL PETROLEUM BUILDING

ROSWELL, NEW MEXICO 88201

MAILING ADDRESS  
P. O. DRAWER 2648

TELEPHONE  
505 623-7210

July 13, 1984

State of New Mexico  
Energy and Minerals Department  
Oil Conservation Division  
P. O. Box 1980  
Hobbs, New Mexico 88240

Attention: Ms. Melba Carpenter

Re: Todd Lower San Andres Unit  
Section #36 Well No. 5, Unit E,  
Sec. 36, T-7-S, R-35-E,  
Roosevelt County, New Mexico

Dear Ms. Carpenter:

Reference is made to the attached correspondence from your office and a letter, dated June 1, 1982, from Sun Exploration and Production Company.

Murphy Operating Corporation is of the opinion that the tests conducted by Sun on the above-referenced well indicate that there is definite communication between the San Andres P-1 and P-2 zones. Should we attempt to cement off the P-1 perforations, there is a strong likelihood that the P-2 will be damaged to the extent that it would be uneconomical and would have to be plugged and abandoned. The tests conducted by Sun indicate that the P-1 is not contributing to the total production of this well.

Please advise me as to your decision on this request at your earliest possible convenience. Best regards.

Sincerely,

MURPHY OPERATING CORPORATION

Mark B. Murphy  
Vice-President

MBM/lb  
encl.

cc: Mobil Oil Corporation  
P. O. Box 900  
Dallas, Texas 75221

Cities Service Company  
P. O. Box 300  
Tulsa, Oklahoma 74102

Sun Exploration and Production Company  
P. O. Box 1861  
Midland, Texas 79702



STATE OF NEW MEXICO  
**ENERGY AND MINERALS DEPARTMENT**  
OIL CONSERVATION DIVISION  
HOBBS DISTRICT OFFICE  
July 11, 1984

TONEY ANAYA  
GOVERNOR

POST OFFICE BOX 1980  
HOBBS, NEW MEXICO 88240  
(505) 393-6161

Murphy Operating Corporation  
200 West First Street-Fourth Floor  
Roswell, New Mexico 88201

Attention Mr. Mark B. Murphy

Re: Todd Lower San Andres Unit Section #36  
Well No. 5, Unit E, Sec. 36, T-7-S, R-35-E  
Roosevelt County, New Mexico

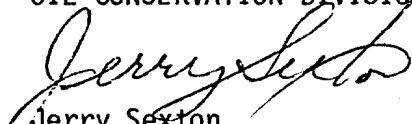
Dear Mr. Murphy:

Attached is a copy of our letter of August 10, 1983, regarding the subject well.

Since to date we have had no reply to this letter, you are hereby directed to shut this well in until the problem has been satisfactorily resolved.

Yours very truly,

OIL CONSERVATION DIVISION

  
Jerry Sexton  
Supervisor, District 1

mc  
Attach.

cc-Mobil Pipeline Corp.

Cities Service Oil & Gas Corp.



Sun Exploration and  
Production Company  
901 W Wall  
Post Office Box 1861  
Midland Texas 79702  
915 685 0300

June 1, 1982

State of New Mexico Energy and Minerals Dept.  
Oil Conservation Division  
P. O. Box 1980  
Hobbs, New Mexico 88240

Attn: Jerry Sexton

Re: New Mexico "AY" State No. 5  
T-7-S, R-35-E, Sec. 36  
Roosevelt Co., New Mexico

Dear Sir:

The Upper San Andres Zone was perforated in the subject well Sept. 4th, 1980. After the perforations were acidized, the last swab run indicated 1 BO, 29 BLAW and had a gas blow. The well was then put on pump, testing the upper zone only, and produced 3 BO, 14 BW and 5 MCF.

The bridge plug isolating the bottom zone was lowered below the bottom perforations and a packer was set between the zones to check for communication. Approximately 80 barrels of KCL water was pumped into the lower zone at a rate of 4 BPM at 550 psi and communication with the upper zone was indicated by a strong blow from the casing.

The bottom zone was then isolated by spotting sand across the perforations and the upper zone was fraced. The swab rate from the upper zone had no indication of oil and only a slight gas blow.

Since the zones were communicated, a dual completion was not practical and a permit to commingle the zones was not obtained since the upper zone did not appear to contribute to the total production of the well. The well tested 5 BO, 4 BW and 9 MCF before the workover and 2 BO, 30 BW and 6 MCF after the workover.

We believe that the above information supports our conclusion that the total production from this well is from the bottom zone only. Since these zones are communicated, it would not be possible to obtain an accurate test from each individual zone.

State of New Mexico Energy and Minerals Dept.  
Oil Conservation Division  
P. O. Box 1980  
Hobbs, NM 88240

New Mexico "AY" State No. 5  
T-7-S, R-35-E, Sec. 36  
Roosevelt Co., NM

Therefore, the status of this well should remain a single completion due to the lack of evidence of production from the Upper San Andres Zone. We would prefer to leave the upper zone open since the zones are communicated and an attempt to squeeze-off the upper zone would risk damaging the lower zone.

If you need any further information, please call me at (915) 685-0331.

Sincerely,

  
Rita Monroe

RM/nc

cc: Fritz Brandes  
R. A. Sadler  
Tom Gladney  
Deann Kemp  
Well file