



# United States Department of the Interior

## GEOLOGICAL SURVEY

Conservation Division  
Western National Bank Building  
505 Marquette, NW, Room 815  
Albuquerque, New Mexico 87102

NOV 22 1976

Amoco Production Company  
Attention: MR. A. Reed  
P. O. Box 3092  
Houston, Texas 77001

Gentlemen:

The October 5, 1976 addition to your 1976 plan of development for the Empire South Deep unit area, Eddy County, New Mexico, was approved on this date subject to like approval by the appropriate State officials.

Such plan proposes the drilling of an additional Wolfcamp well and one approved copy is enclosed.

Sincerely yours,

(ORIG. SGD.) JAMES W. SUTHERLAND

Area Oil and Gas Supervisor

cc:  
NMOCC, Santa Fe (ltr. only) ← This Copy for  
Com. Pub. Lands, Santa Fe (ltr. only)

4578

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

October 8, 1976

Amoco Production Company  
500 Jefferson Building  
P. O. Box 3092  
Houston, Texas 77001

Attention: Mr. A. R. Reed

Re: Amended 1976 Plan of Development,  
Empire South Deep Unit, Eddy  
County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the 1976 Plan of Development amended to include the proposed drilling of a Wolfcamp oil test for the Empire South Deep Unit, Eddy County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

Two approved copies of the amended plan dated October 5, 1976, are returned herewith.

Very truly yours,

JOE D. RAMEY  
Secretary-Director

JDR/JEK/og

cc: United States Geological Survey  
Roswell, New Mexico

Commissioner of Public Lands  
Santa Fe, New Mexico



**Amoco Production Company**

500 Jefferson Building  
P.O. Box 3092  
Houston, Texas 77001

A. R. Reed  
Division Operations  
Superintendent

October 5, 1976

File: REO-3484-LF

Re: 1976 Plan of Development,  
Empire South Deep Unit  
Eddy County, New Mexico

Mr. Carl C. Traywick (3)  
Acting Area Oil and Gas Supervisor  
United States Department of the Interior  
Geological Survey  
Post Office Drawer 1857,  
Roswell, New Mexico 88201

Mr. Phil R. Lucero (3)  
Commissioner of Public Lands  
State of New Mexico  
Post Office Box 1148  
Santa Fe, New Mexico 87501

Mr. James E. Kapteina (3)  
New Mexico Oil Conservation Commission  
Post Office Box 2088  
Santa Fe, New Mexico 87501

Gentlemen:

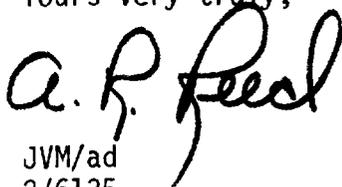
Amoco Production Company as operator of the Empire South Deep Unit, Eddy County, New Mexico, No. 14-08-0001-11591, by our letter to each of you dated January 13, 1976, File: RCJ-630-LF, requested that approval be given for our proposed Fourth Revision of the Morrow Participating Area and 1976 Plan of Development for the Unit. Each of you subsequently approved these recommendations.

The 1976 Plan of Development called for 3 Morrow tests all of which have been drilled and the last one is being completed. We now wish to drill a Wolfcamp oil test as a west offset to Unit Well No. 4. Partners' approval of such is expected in the next few days and the well will be commenced in the immediate future.

File: REO-3484-LF  
Page 2  
October 5, 1976

We believe that your approval of our 1976 Plan of Development does not preclude the drilling of this additional well but desire to keep you advised of our operations. We trust that this meets with your approval.

Yours very truly,



JVM/ad  
2/6135

Approved Oct 8 1976



Secretary-Director

NEW MEXICO OIL CONSERVATION COMMISSION



**Amoco Production Company**

500 Jefferson Building  
P.O. Box 3092  
Houston, Texas 77001

A. R. Reed  
Division Operations  
Superintendent

**June 8, 1976**

**File: RCJ-2249-LF**

**Re: Status of Well No. 7  
Empire South Deep Unit  
Eddy County, New Mexico**

Mr. Carl C. Traywick (3)  
Acting Area Oil and Gas Supervisor  
United States Department of the Interior  
Geological Survey  
Post Office Drawer 1857  
Roswell, New Mexico 88201

Mr. Phil R. Lucero (3)  
Commissioner of Public Lands  
State of New Mexico  
Post Office Box 1148  
Santa Fe, New Mexico 87501

✓ Mr. James E. Kapteina (3) ✓  
New Mexico Oil Conservation Commission  
Post Office Box 2088  
Santa Fe, New Mexico 87501

**Gentlemen:**

Amoco Production Company as operator of the Empire South Deep Unit, Eddy County, New Mexico, No. 14-08-0001-11591, respectfully requests that Unit Well No. 7 be declared a non-commercial Wolfcamp producer. Attached is a map showing the present Morrow and Wolfcamp Participating Areas by graphical code and an arrow points toward Well No. 7, the subject well.

This well was drilled to a total depth of 10,982' through the Morrow and 5-1/2" casing was set at total depth for possible testing of the Morrow. There were some Morrow Sands present but they were thin and a majority

Mr. Carl C. Traywick  
Mr. Phil R. Lucero  
Mr. James E. Kapteina  
Page 2  
June 8, 1976

of the 37 partners in the Unit desired to test up-hole in the Wolfcamp. Several up-hole intervals were tested and the well was completed October 2, 1975, pumping 169 barrels oil and 33 barrels water per day from the Wolfcamp. Production declined rapidly and the well is currently pumping only about three barrels oil per day. It is obviously non-commercial and it is outside the Wolfcamp Participating Area, which is proper.

Meanwhile Well No. 7 is inside the Morrow Participating Area although its productivity has never actually been determined. Acreage around Well No. 7 was included in the third enlargement of the Morrow Participating Area following the successful completion of Well No. 5. A portion of the partners are now trying to get together on drilling another Morrow test near Well No. 7. With so many people involved this will take some time to resolve. If the Morrow Participating Area were contracted now, a logical reduction would be the South 1/2 of the South 1/2 of Section 30, T-17-S, R-29-E. This would comprise about 1/2 State and 1/2 U.S.A. acreage and there would thereby be little change in royalty distribution. Working interest ownership is fixed throughout the Unit. We would prefer to delay any action on this matter until a final decision is made or results are obtained from drilling another well in Section 30 and/or testing the Morrow at Well No. 7.

If any of the above does not meet with your approval, please advise.

Yours very truly,

ORIGINAL SIGNED  
A. R. REED  
BY JLH

JVM/cjb  
2/104

Attachment