

ADMINISTRATIVE ORDER  
OF THE OIL CONSERVATION DIVISION

Under the provisions of Rule 112-A, Southland Royalty Company made application to the New Mexico Oil Conservation Division on July 17, 1980, for permission to dually complete its Mangum Well No. 5E located in Unit A of Section 29, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico, in such a manner as to permit production of gas from the Chacra formation and from the Basin-Dakota Pool.

Now, on this 6th day of August, 1980, the Division Director finds:

- (1) That application has been filed under the provisions of Rule 112-A of the Division's Rules and Regulations;
- (2) That satisfactory information has been provided that all operators of offset acreage have been duly notified;
- (3) That no objections have been received within the waiting period as prescribed by said rule;
- (4) That the proposed dual completion will not cause waste nor impair correlative rights.
- (5) That the mechanics of the proposed dual completion are feasible and consonant with good conservation practices.

IT IS THEREFORE ORDERED:

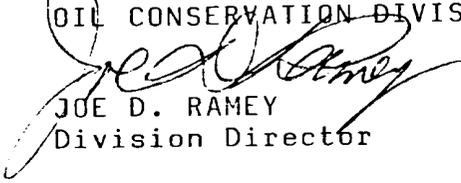
That the applicant herein, Southland Royalty Company, be and the same is hereby authorized to dually complete its Mangum Well No. 5E located in Unit A of Section 29, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico, in such a manner as to permit production of gas from the Chacra formation and from the Basin Dakota Pool through parallel strings of tubing.

PROVIDED HOWEVER, That applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A.

PROVIDED FURTHER, That applicant shall take packer-leakage tests upon completion and annually thereafter.

IT IS FURTHER ORDERED: That jurisdiction of this cause is hereby retained for the entry of such further orders as the Division may deem necessary.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

  
JOE D. RAMEY  
Division Director

SEAL



OIL CONSERVATION COMMISSION  
Dist. DISTRICT

OIL CONSERVATION COMMISSION  
BOX 2088  
SANTA FE, NEW MEXICO

DATE July 21, 1980  
RE: Proposed MC \_\_\_\_\_  
Proposed DHC \_\_\_\_\_  
Proposed NSL \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

Gentlemen:

I have examined the application dated July 17, 1980  
for the Sentinel/Royalty Co Manure # SE A-79-29N-11W  
Operator \_\_\_\_\_ Lease and Well No. \_\_\_\_\_ Unit, S-T-R \_\_\_\_\_

and my recommendations are as follows:

Approve  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours very truly,

Frank S. Cherry

NEW MEXICO OIL CONSERVATION COMMISSION  
 SANTA FE, NEW MEXICO  
 APPLICATION FOR MULTIPLE COMPLETION

Form C-107  
 5-1-61

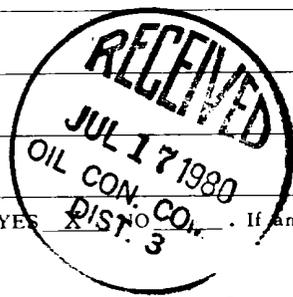
Operator <u>Southland Royalty Company</u>		County <u>San Juan</u>		Date <u>July 15, 1980</u>
Address <u>P. O. Drawer 570, Farmington, NM 87401</u>		Lease <u>Mangum</u>		Well No. <u>#5E</u>
Location of Well	Unit <u>A</u>	Section <u>29</u>	Township <u>29N</u>	Range <u>11W</u>

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES \_\_\_\_\_ NO \_\_\_\_\_
2. If answer is yes, identify one such instance: Order No. \_\_\_\_\_ ; Operator Lease, and Well No.: \_\_\_\_\_

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	<u>Undesignated Chacra</u>		<u>Basin Dakota</u>
b. Top and Bottom of Pay Section (Perforations)	<u>2530' - 2538'</u>		<u>5999' - 6123'</u>
c. Type of production (Oil or Gas)	<u>Gas</u>		<u>Gas</u>
d. Method of Production (Flowing or Artificial Lift)	<u>Flow</u>		<u>Flow</u>

4. The following are attached. (Please check YES or NO)
- |                                     |                          |   |
|-------------------------------------|--------------------------|---|
| Yes                                 | No                       |   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)   |

5. List all offset operators to the lease on which this well is located together with their correct mailing address.
- Supron Energy Corporation, P. O. Box 808, Farmington, NM 87401
- Pioneer Production, 1303 First National Bank Building, Midland, TX 79701



6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES \_\_\_\_\_ . If answer is yes, give date of such notification July 15, 1980.

CERTIFICATE: I, the undersigned, state that I am the District Production Manager of the Southland Royalty Company (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

\_\_\_\_\_  
 Signature

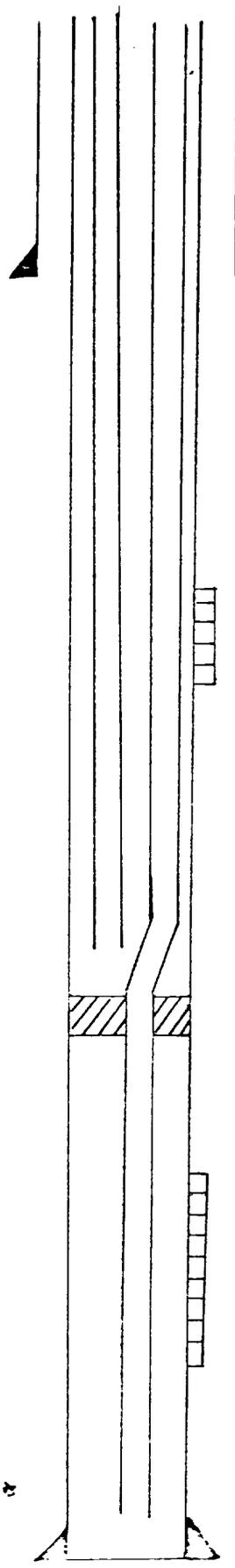
\*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

SOUTHLAND ROYALTY COMPANY

DUAL COMPLETION DIAGRAM

Mangum #5#  
860' FNL & 825' FEL  
Sec. 29, T29N, R11W  
San Juan County, NM



9 5/8", 32.30# csg @ 229', cmtd w/275 sx

Perfd Chacra frm 2530'-2538' w/4 holes  
Fracd w/23,000 gals wtr & 12,100# 20/40 sd

1 1/2", 2.75# tbg lnd @ 2543'

Set Model "R" pkr @ 2705'

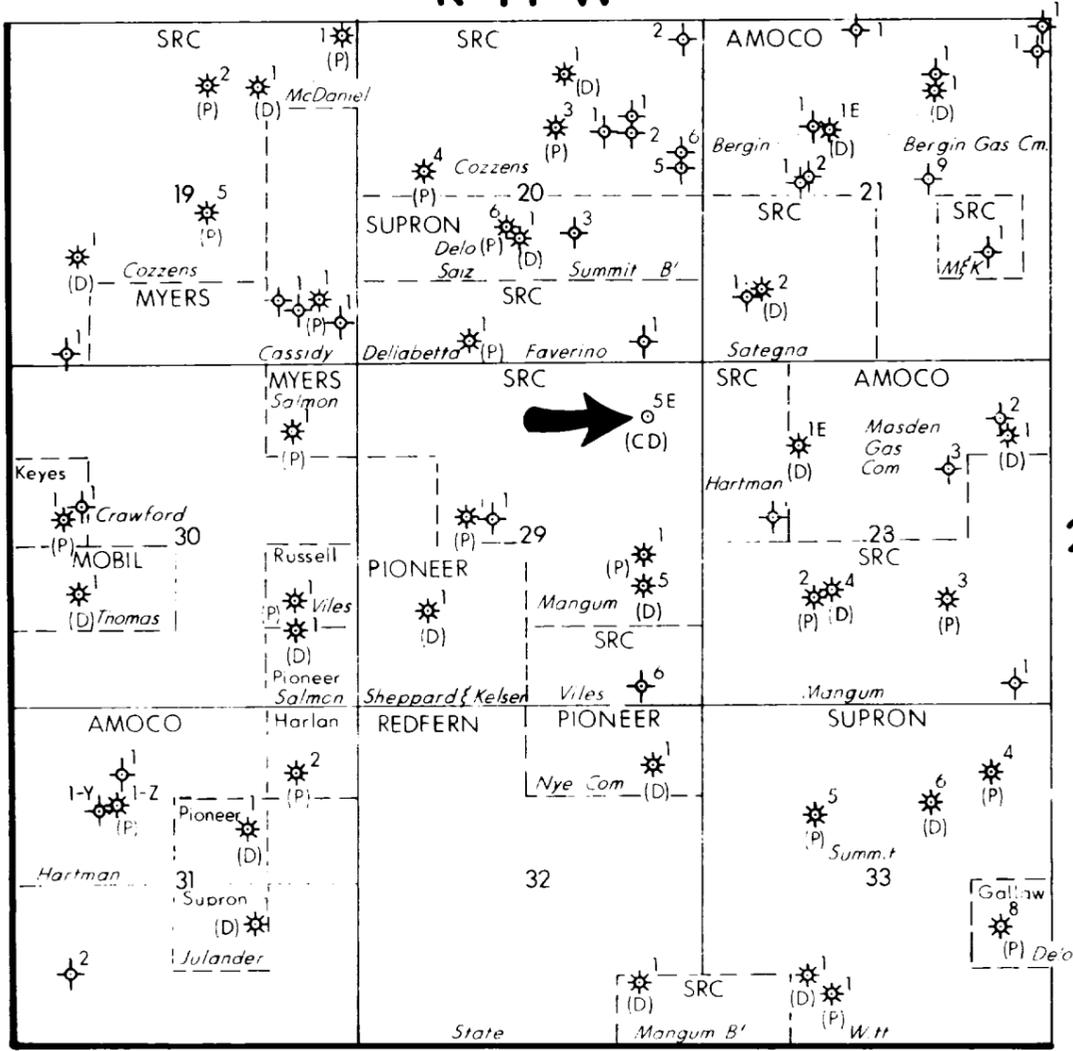
Perfd Dakota frm 5999'-6123' w/12 holes  
Fracd w/88,770 gals 30# gel, & 72,600# 20/40 sd

1 1/2", 2.90# tbg lnd @ 6118'.

5 1/2", 15.5# csg @ 6255', cmtd w/750 sx



R 11 W



**Southland Royalty Company**  
**FARMINGTON DISTRICT**  
 FARMINGTON, NEW MEXICO

7-11-1980
DATE
B. Fielder
PREPARED BY
San Juan Basin
PROJECT AREA
C.I. HORIZON
2" = 1 mile
SCALE
REVISED DATE
NM-FF-0058
FILE NUMBER

SAN JUAN CO., NEW MEXICO  
 OFFSET OPERATORS'  
 PERMISSION FOR DUAL COMPLETION  
 (CHACRA & DAKOTA FM.)  
 SRC  
 Mangum #5E  
 860' FNL - 825' FEL  
 Sec. 29 - T 29 N - R 11 W N.M.P.M.