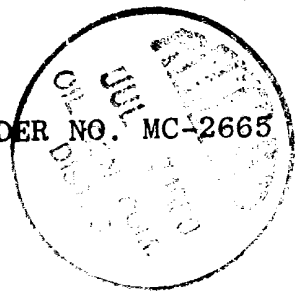


THE APPLICATION OF SOUTHLAND ROYALTY
COMPANY FOR A DUAL COMPLETION

ORDER NO. MC-2665

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 June 6, 1980, for permission to dually complete its Cain Well No. 11E located in Unit O of Section 15, Township 28 North, Range 10 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 26th day of June, 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; and
- (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 Cain Well No. 11E located in Unit O of Section 15, Township 28 North, Range 10 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.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


JOE D. RAMEY
Division Director

SEAL

OIL CONSERVATION COMMISSION
Albuquerque DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE June 6, 1930

RE: Proposed MC X
Proposed DHC _____
Proposed NSL _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____

Gentlemen:

I have examined the application dated June 5, 1930
for the Southland Royalty Co. Lease #11E 0-15-T78N-R10W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approved

Yours very truly,

Frank S. Day

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>May 30, 1980</u>
Address <u>P. O. Drawer 570, Farmington, NM 87401</u>		Lease <u>Cain</u>	Well No. <u>#11E</u>
Location of Well <u>0</u>	Unit <u>15</u>	Township <u>T28N</u>	Range <u>R10W</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>Undes. Chacra</u>		<u>Basin Dakota</u>
b. Top and Bottom of Pay Section (Perforations)	<u>3032' - 3140'</u>		<u>6424' - 6604'</u>
c. Type of production (Oil or Gas)	<u>Gas</u>		<u>Gas</u>
d. Method of Production (Flowing or Artificial Lift)	<u>Flowing</u>		<u>Flowing</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.) |

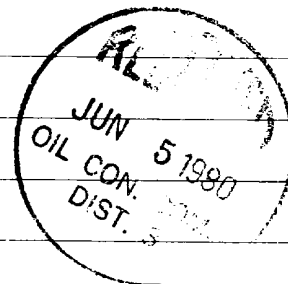
5. List all offset operators to the lease on which this well is located together with their correct mailing address.

Amoco Production, 501 Airport Drive, Farmington, NM 87401

Robert L. Bayless, P. O. Box 1541, Farmington, NM 87401

El Paso Natural Gas Company, P. O. Box 990, Farmington, NM 87401

Tenneco, Penthouse, 720 So. Colorado Blvd, Denver, CO 80222



6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES ☒ NO _____. If answer is yes, give date of such notification May 30, 1980.

CERTIFICATE: I, the undersigned, state that I am the District Production Manager 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

CAIN #11E

810' FSL & 1825' FEL
Section 15, T28N, R10W
San Juan County, New Mexico

8 5/8", 24# csg @ 233', cmtd w/140 sx.

Perforated Chacra from 3032' - 3140' w/4 holes
Fractured w/36,372 gals water & 26,376# 20/40 sand

1 1/2", 2.7# tbg @ 3154'

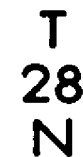
Baker model "R" pkr @ 3244'

Perforated Dakota from 6424' - 6604' w/14 holes
Fractured w/105,168 gals 30# gel & 90,200# 20/40 sand

1 1/2", 2.9# tbg @ 6599'

5 1/2", 15.5# csg @ 6671', cmtd w/785 sx

R-10-W



FARMINGTON DISTRICT

FARMINGTON, NEW MEXICO

SAN JUAN CO. NEW MEXICO

DATE _____

C. Parsons

C. Parsons

PREPARED BY

San Juan Basin

PROJECT AREA

C. I. HORIZON

$$2'' = 1 \text{ mile}$$

SCALE

REVISÉD DATE

NM-FF-0001

FILE NUMBER

OFFSET OPERATORS' PERMISSION FOR DUAL COMPLETION

(CHACRA & DAKOTA FM.)

SRC

Cain #11E

810' FSL - 1825' FEL

Sec. 15 - T 28 N - R 10 W N.M.P.M.