

THE APPLICATION OF SOUTHLAND ROYALTY  
COMPANY FOR A DUAL COMPLETION.

ORDER NO. MC-2958

ADMINISTRATIVE ORDER  
OF THE OIL CONSERVATION DIVISION

Under the provisions of Rule 112-A Southland Royalty Co. made application to the New Mexico Oil Conservation Division on November 3, 1981, for permission to dually complete its Harper Well No. 3 located in Unit P of Section 14, Township 31 North, Range 12 West, NMPM, San Juan County, New Mexico, in such a manner as to permit production of gas from the Fruitland formation and the Pictured Cliffs formation adjacent to the Aztec-Pictured Cliffs Pool.

Now, on this 24th day of November, 1981, 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 there are no other operators of offset acreage.
- (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; and
- (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 Co., be and the same is hereby authorized to dually complete its Harper Well No. 3 located in Unit P of Section 14, Township 31 North, Range 12 West, NMPM, San Juan County, New Mexico, in such a manner as to permit production of gas from the Fruitland formation and the Pictured Cliffs formation adjacent to the Aztec-Pictured Cliffs 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*  
JOE D. RAMEY,  
Director



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD  
AZTEC, NEW MEXICO 87410  
(505) 334-6178

OIL CONSERVATION DIVISION  
BOX 2088  
SANTA FE, NEW MEXICO 87501

DATE 11-9-81

RE: Proposed MC ☒  
Proposed DHC \_\_\_\_\_  
Proposed NSL \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

Gentlemen:

I have examined the application dated 11-3-81  
for the Southland Realty Shuman #3 P 14-3114-12w  
Operator 0 Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Agree  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours truly,

Frank J. Ortega

APPLICATION FOR MULTIPLE COMPLETION

Operator <i>Southland Royalty Company</i>		County <i>San Juan</i>		Date <i>November 2, 1981</i>
Address <i>P.O. Drawer 570, Farmington, N.M.</i>		Lease <i>Harper</i>		Well No. <i>3</i>
Location of Well <i>P</i>	Unit <i>P</i>	Section <i>14</i>	Township <i>31N</i>	Range <i>12W</i>

1. Has the New Mexico Oil Conservation Division 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	<i>Undesignated Fruitland</i>		<i>Aztec Pictured Cliffs Ext.</i>
b. Top and Bottom of Pay Section (Perforations)	<i>2483'-2550'</i>		<i>2712'-2810'</i>
c. Type of production (Oil or Gas)	<i>Gas</i>		<i>Gas</i>
d. Method of Production (Flowing or Artificial Lift)	<i>Flowing</i>		<i>Flowing</i>

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.



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 *November 2, 1981*.

CERTIFICATE: I, the undersigned, state that I am the *District Prod. 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]*  
Signature

Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Division will hold the application for a period of twenty (20) days from date of receipt by the Division'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 PROGRAM

HARPER #3  
970' FSL & 1090' FEL  
Section 14, T31N, R12W  
San Juan County, New Mexico

9-5/8", 32.30#, K-55 casing set at 139'. Cemented with  
90 sacks cement.

Perforated Fruitland from 2483'-2550' (8 holes).  
Frac'd with 43,604 gals of slick water and 36,000# 20/40 sand.

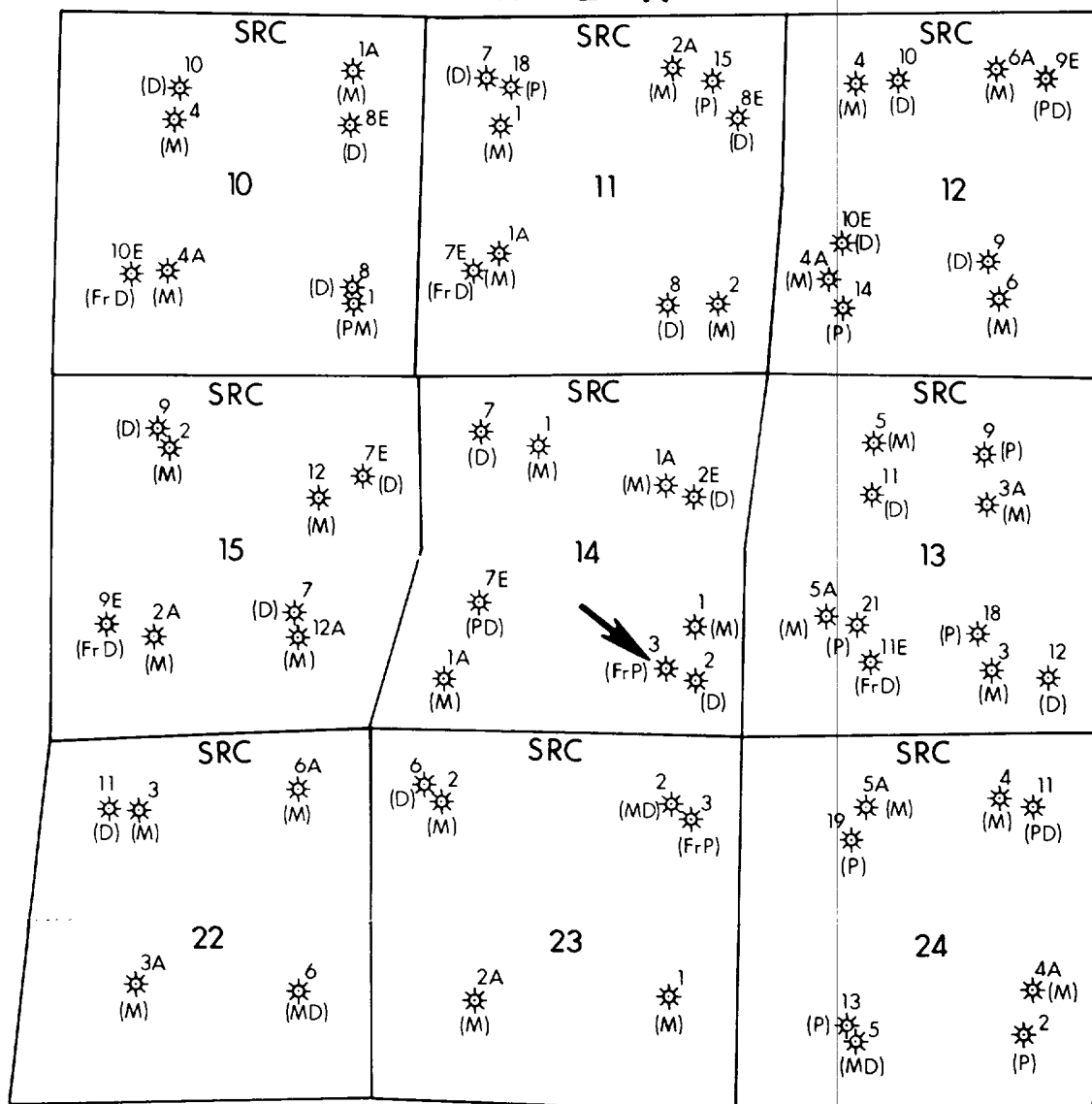
2-7/8", 6.4#, J-55 casing set at 2637'.  
\*Cemented both casing strings of 2-7/8" casing with 570 sacks cement.

Perforated Pictured Cliffs from 2712'-2810' (8 holes).  
Frac'd with 51,822 gals of slick water and 43,000# 20/40 sand.

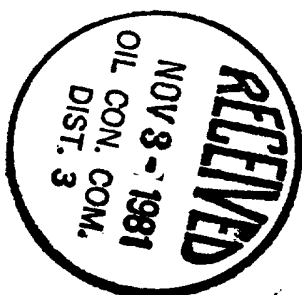
2-7/8", 6.4#, J-55 casing set at 2909'.  
\*See above for cementing details.



R 12 W



T 31 N



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

10-28-1981
DATE
B. Fielder
PREPARED BY
San Juan Basin
PROJECT AREA
C.I. HORIZON
2" = 1 mile
SCALE
REVISED DATE
NM-FF-0094
FILE NUMBER

SAN JUAN CO. NEW MEXICO  
 OFFSET OPERATORS'  
 PERMISSION FOR DUAL COMPLETION  
 (FRUITLAND & PICTURED CLIFF FM.)

SRC  
 Harper #3  
 970' FSL - 1090' FEL  
 Sec. 14-T31N - R12W N.M.P.M.