

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form Approved.
Budget Bureau No. 42-R1424

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other ☐
2. NAME OF OPERATOR
Southland Royalty Company
3. ADDRESS OF OPERATOR
P.O. Drawer 570, Farmington, NM 87499
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1665' FNL & 1820' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☒
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

- ☐
☐
☐
☐
☐
☐
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☐
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BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Southland Royalty Company hereby proposes the recompleat the subject well as a Otero Chacra/Basin Dakota dual well. See attached plat and and completion procedures.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Dist. Engineer DATE November 21, 1983

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

APPROVED
AS AMENDED

*See Instructions on Reverse Side

DEC 03 1983

M. MILLENBACH

AREA MANAGER

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

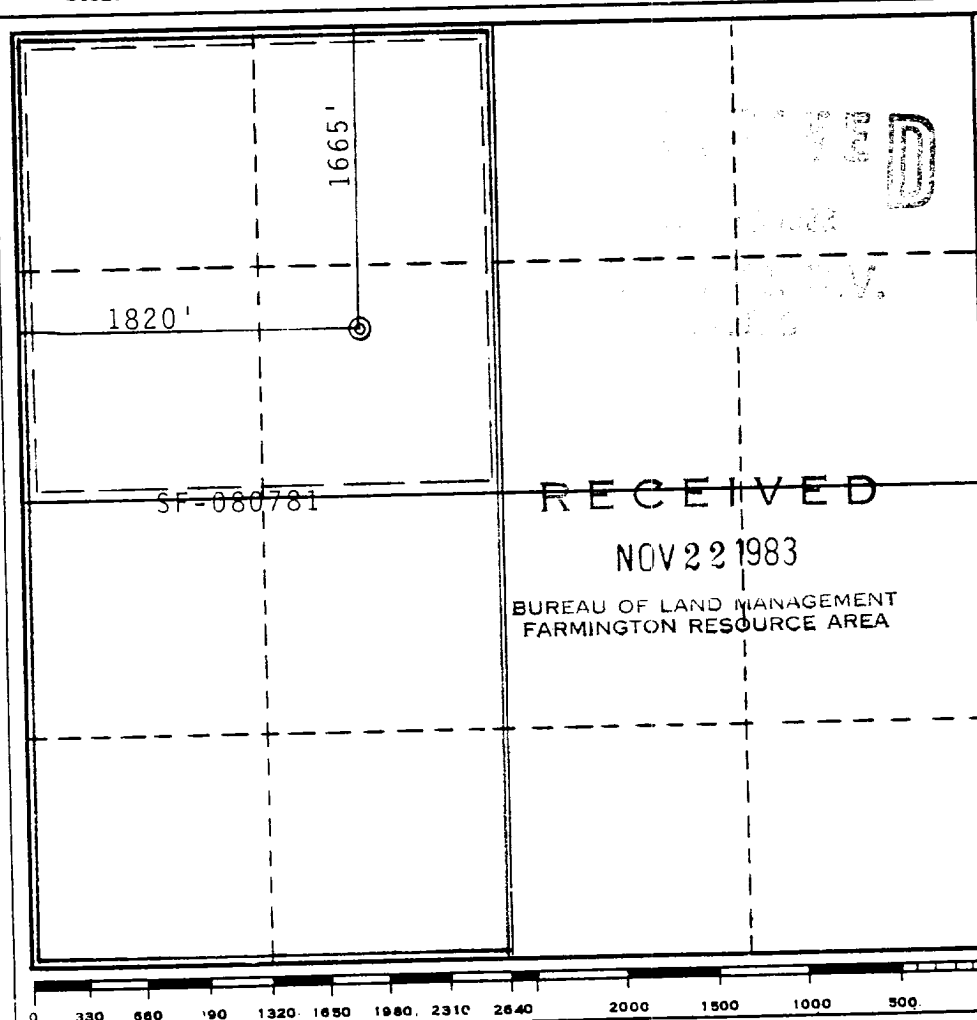
Operator SOUTHLAND ROYALTY COMPANY			Lease CAIN		Well No. 10E
Unit Letter F	Section 15	Township 28N	Range 10W	County SAN JUAN	
Actual Footage Location of Well: 1665 feet from the NORTH line and 1820 feet from the WEST line					
Ground Level Elev: 5878' GL	Producing Formation DAKOTA/CHACRA		Pool BASIN/OTERO		Dedicated Acreage: 320/160 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

R. E. Fielder

Name
R. E. Fielder
Position
District Engineer
Company
Southland Royalty Company
Date
November 21, 1983

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.

----- Chacra
----- Dakota

Recommended Completion Procedures:

- 1) MIRU Completion Rig.
- 2) set wireline, plug choke in 2-3/8" tubing.
- 3) TOOH with 2-3/8" tubing (6542' - 213 jts).
- 4) Set drillable bridge plug at 3415'.
- 5) Load hole with 2% KCl water.
- 6) Run GR-CBL/CCL log from 3200'-2900', 2300'-TOC. Pressures test casing to 3500 psi.
- 7) If no cement from 3200'-2900', perforate 1 hole at 3110' (bottom perforation), 1 hole at 2985' (top perforation).
- 8) Set cement retainer at 3050'. Check for circulation from bottom perf thru top perf. If circulation is established squeeze with 75 sacks of Class "B" with 2% CaCl₂. If circulation cannot be obtained squeeze bottom perf (3110') with 50 sacks of Class "B" with 2% CaCl₂. TOOH with retainer stinger. TIH with packer, set full bore packer at 2900', squeeze top hole (2985') with 50 sacks of Class "B" with 2% CaCl₂. WOC 8 hours.
- 9) TIH with 4-3/4" mill on 2-3/8" tubing. Clean out to 3415'. Circulate hole with 2% KCl water.
- 10) Run CBL from 3415'-2800'.
- 11) If CBL indicates good cement, perf Chacra with 1 JSPI as follows:
2985', 2989', 2993', 2997', 3074', 3085', 3089', 3097', 3105', 3110'.
Total of 10 holes, .35" dia.
- 12) Breakdown, establish rate. If all perfs are not open ball off with 850 gals 15% HCl and 15 - 7/8" RCN balls. Run junk basket to retrieve balls.
- 13) Foam frac Chacra as follows: (Est. Rate - 24 BPM) with 70 quality foam.
6,800 gal 70 quality foam pad
6,800 gal 70 quality foam with 1/2 PPG 20/40 sand
6,800 gal 70 quality foam with 1 PPG 20/40 sand
6,800 gal 70 quality foam with 1-1/2 PPG 20/40 sand
6,800 gal 70 quality foam with 2 PPG 20/40 sand
- 14) TIH with 2-3/8" tubing, 4-3/4" mill. CO sand, drill bridge plug at 3415'. CO to 6637 (+).
- 15) TOOH and LD 2-3/" tubing.
- 16) PU and TIH with 1-1/2", 2.9#, J-55, EUE tubing. Baker model "R" double grip packer set at 3300'± with blast joints across Chacra perfs. Land 1-1/2", EUE tubing at 6470' ±. Land 1-1/2", 2.76#, IJ tubing at 3000' ±.
- 17) NU wellhead. Pump out plugs.
- 18) Swab to insure access to tubing.
- 19) Rig down.

I. *Sundry Notice*
"This is approved subject to the requirement that, should the well be successfully (completed for production) (recompleted for production in a new interval), this office must be notified when it is placed in a producing status. Such notification may be provided orally if confirmed in writing and must be received in this office by no later than the fifth business day next following the date on which the well is placed on production. The notification shall provide, as a minimum, the following information items:

1. Operator name.
2. Well name, number, and location.
3. Date well was placed on production.
4. The lease, or communitized tract, or unit participating area to which the well's production is attributable."

II. *State approval of the dual completion is required.*

III. *A "Well Completion or Recompletion Report" is required within 30 days of completion of the operations (Form 9-330).*

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DEC 5 1986

OIL CON. DIV.
DIST. 3