submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. **Type of Well**
   GAS

5. **Lease Number**
   SF-065546A
6. **If Indian, All. or Tribe Name**

7. **Unit Agreement Name**

2. **Name of Operator**
   Southland Royalty

8. **Well Name & Number**
   Brink #2

3. **Address & Phone No. of Operator**
   PO Box 4289, Farmington, NM 87499 (505) 326-9700

9. **API Well No.**

4. **Location of Well, Footage, Sec., T, R, M**
   660'FNL, 660'FWL Sec.19, T-28-N, R-10-W, NMPM

10. **Field and Pool**
    Basin Frt Coal
11. **County and State**
    San Juan Co, NM

12. **CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA**

Type of Submission	Type of Action		
_x_ Notice of Intent	___ Abandonment	___ Change of Plans
	___ Recompletion	___ New Construction
___ Subsequent Report	_x_ Plugging Back	___ Non-Routine Fracturing
	___ Casing Repair	___ Water Shut off
___ Final Abandonment	___ Altering Casing	___ Conversion to Injection
	___ Other -	

13. **Describe Proposed or Completed Operations**

It is intended to plugback the wellbore from the Fulcher Kutz Pictured Cliffs formation to the Fruitland Coal formation according to the attached procedure and wellbore diagrams.

RECEIVED
BLM
92 JUL -6 PM 1:23
070 FARMINGTON, NM

RECEIVED
JUL 14 1992
OIL CON. DIV.
DIST. 3

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

Signed [signature] (KAS) Title Regulatory Affairs Date 7/2/92

(This space for Federal or State Office use)
APPROVED BY _____ Title _____ Date _____
CONDITION OF APPROVAL, if any:

APPROVED
JUL 10 1992
AREA MANAGER

NMOCD

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

RECEIVED
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070 FARMINGTON, N.M.

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator	Lease	Well No.
Southland Royalty	Brink	2

Unit Letter	Section	Township	Range	County
D	19	28 North	10 West	San Juan

Actual Footage Location of Well:
660 feet from the North line and 660 feet from the West line

Ground level Elev.	Producing Formation	Pool	Dedicated Acreage:
5890'	Fruitland Coal	Basin	328.80 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

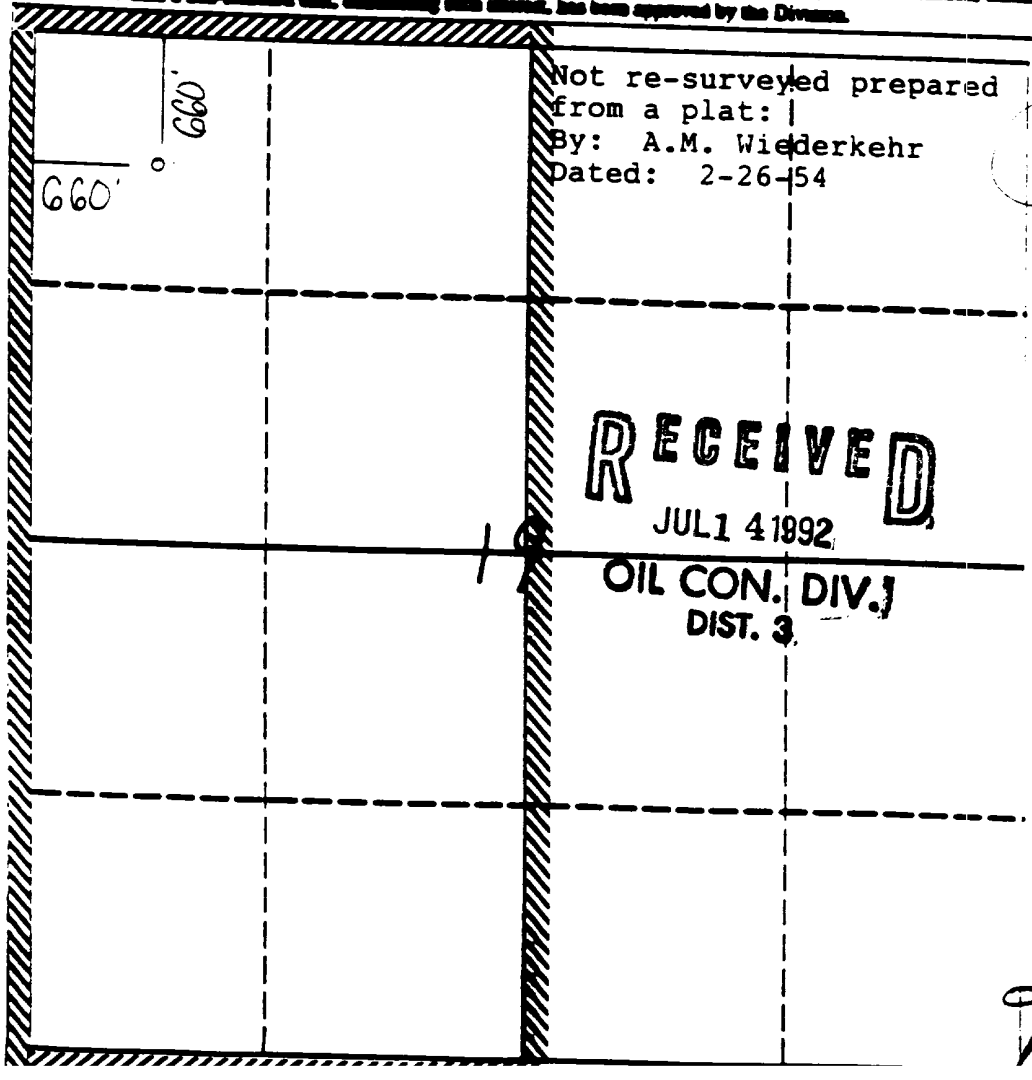
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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 interest, has been approved by the Division.



Not re-surveyed prepared from a plat:
By: A.M. Wiederkehr
Dated: 2-26-54

RECEIVED
JUL 14 1992
OIL CON. DIV.
DIST. 3

OPERATOR CERTIFICATION

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

Signature: Peggy Bradfield

Printed Name: Peggy Bradfield

Position: Regulatory Affairs

Company: Southland Royalty

Date: 7-2-92

SURVEYOR CERTIFICATION

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. 6-19-92

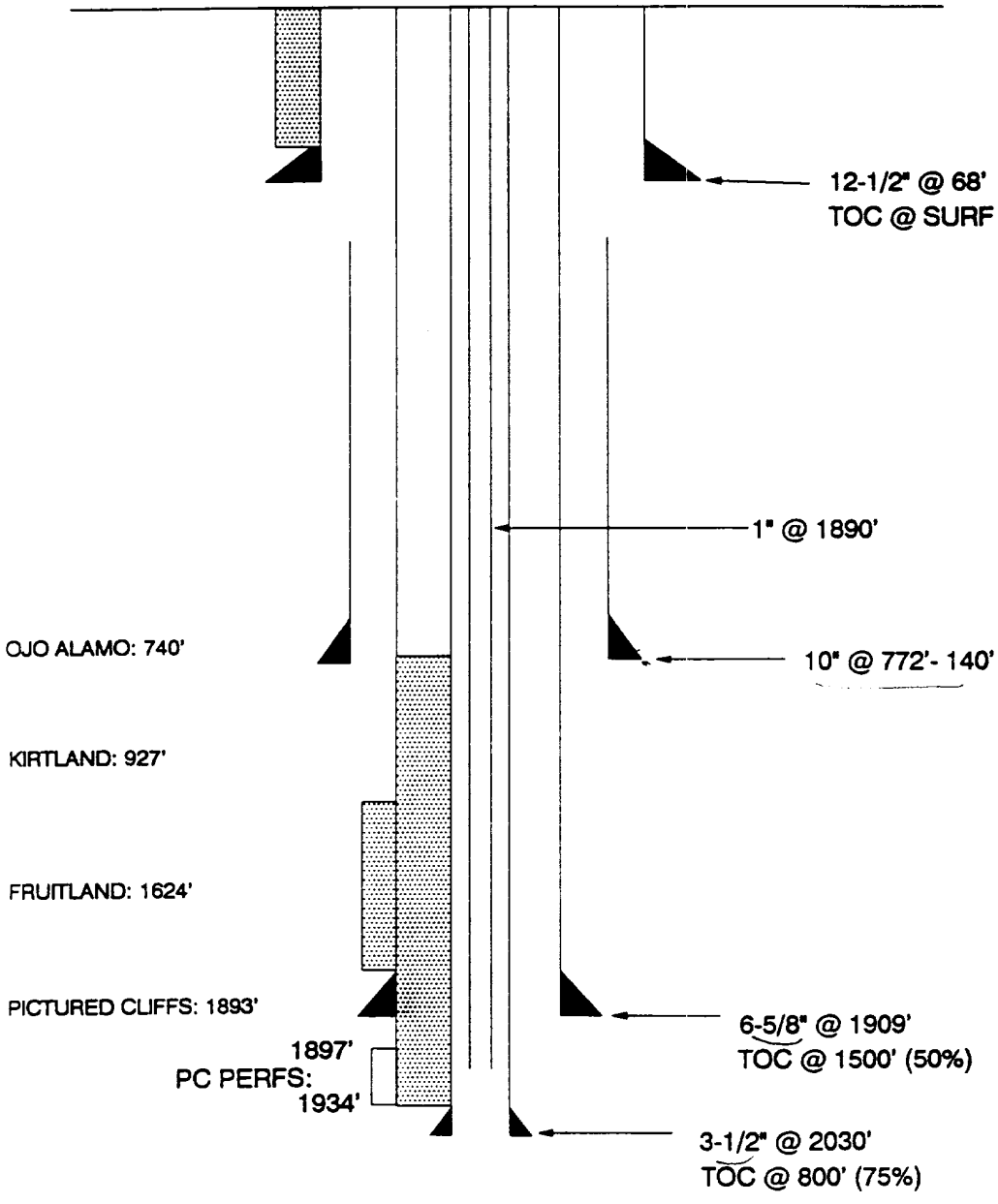
Date Surveyed: E. C. EDWARDS

Signature & Seal of Professional Surveyor: Certificate No. 9857

CURRENT

BRINK #2

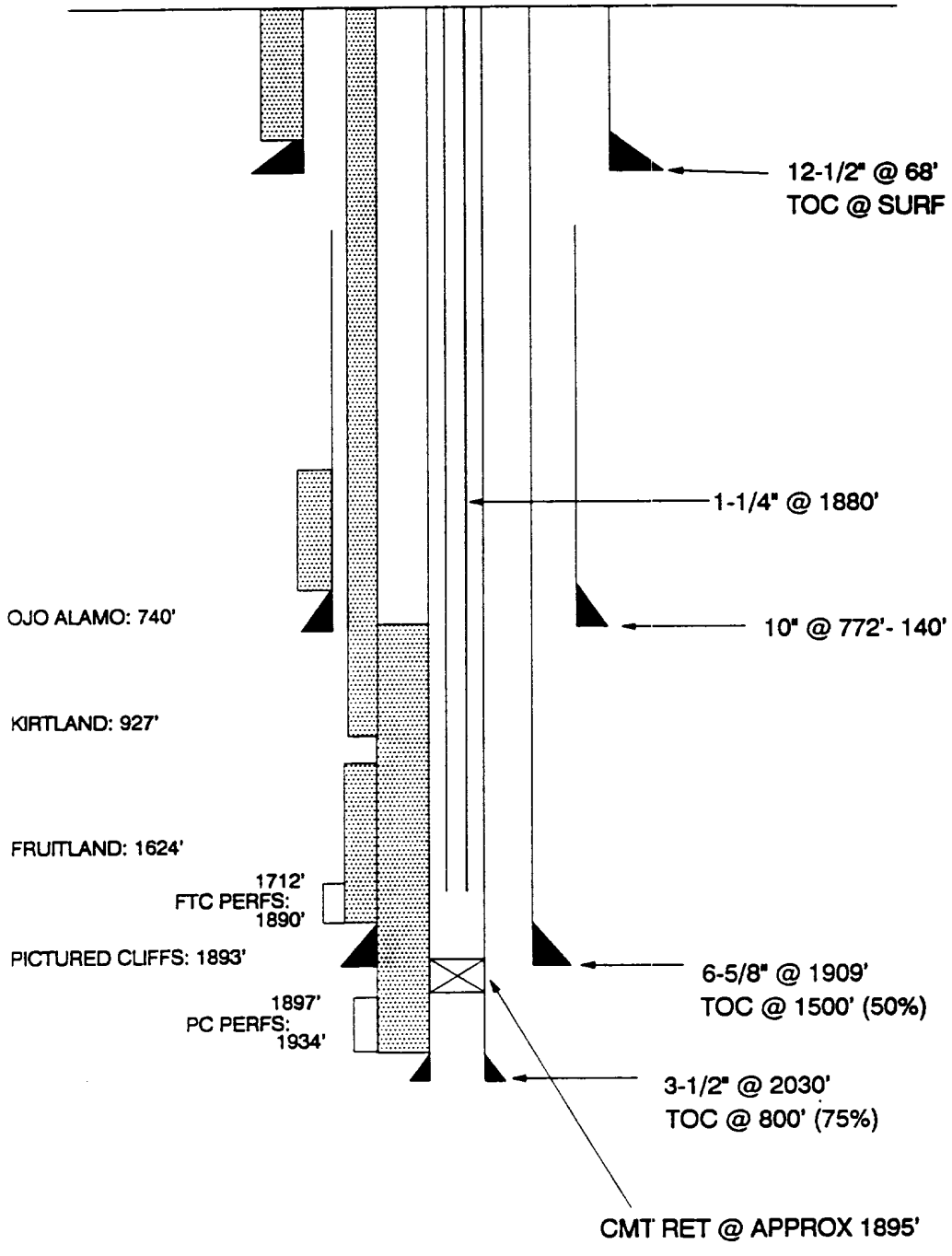
UNIT D SECTION 19 T28N R10W
SAN JUAN COUNTY, NEW MEXICO



PROPOSED

BRINK #2

UNIT D SECTION 19 T28N R10W
SAN JUAN COUNTY, NEW MEXICO



Brink #2
Recommend Recompletion Procedure
Unit D Section 19 T28N R10W

1. MOL and RU. Comply to all NMOCD, BLM and MOI rules & regulations. Hold safety meeting. ND wellhead. NU BOP. Blow well down, if necessary, kill with water.

2. TOOH w/ 1890' of 1" tbg.

3. PU 3-1/2" csg scraper on MOI's 1-1/4" N-80 work-string and TIH to 1950'. TOOH.

4. RU wireline and set 3-1/2" cmt ret as close to the bottom Fruitland coal as upper PC perforations will allow (approx 1895').

5. Load hole w/ water. Pressure test csg to 1000 psi to assure that holes exist in csg. TIH w/ workstring and pkr and pressure test under pkr to determine depth of deepest hole.

6. PU and install csg spear. PU 3-1/2" csg to release csg slips. RU wireline and run "Free-Point". Determine csg Free-Point. Run shot-rod through spear, shoot & back-off 1 jt above cmt top.

7. TOOH w/ 3-1/2" csg and replace all bad or <u>suspect</u> jts. TIH w/ good 3-1/2" csg and tie into existing csg in well. Pressure test csg and cmt ret to 3000 psi. When csg holds, set csg in slips and cut off top of csg.

8. RU wireline and run CNL from 1895' - 700'. Pick FTC perforations from CNL log. Perf 2 sq holes w/ 2-1/8" "Danya Cap" guns w/ 22 gram charges in uppermost coal interval (approx 1720'), choose exact depth from CNL. TIH w/ workstring and set pkr @ 1650'. Open bradenhead valve and attempt to establish rate w/ water.

   a) If good circ is established out bradenhead, pump 350 sxs cmt, followed with 145 gals water. Maximum injection pressure at surface is limited to 2250 psi @ a rate of 1 BPM. Release packer, pull up two stands and reverse circ 2 tbg volumes. Apply final sq pressure. WOC. DO cmt. <u>Do not pressure test this sq.</u>

   b) If rate is not established through sq holes, TOOH w/ pkr and tbg. TIH w/ RBP and set @ 1050'. Perf 2 sq holes @ 980' (50' below the top of Kirtland). TIH w/ tbg and pkr and set @ 750'. Open bradenhead and establish circulation w/ water. Pump 300 sxs cmt followed by 75 gals water. Drill out cmt and pressure test squeeze to 3000 psi. If pressure test fails re-squeeze with HOWCO "Mico-Matrix" cmt to achieve 3000 psi test.

- Tag all cmt w/ 1 mCi/1000# Gold (AU-198) tracer.

NOTE: Step 8b should be performed only after frac job is completed.

9. RU wireline and run tracer log from 1050' to surface.

10. If applicable, TIH w/ workstring and retrieving head and release BP set @ 1050'. TOOH.

Approve: _____
J. A. Howieson

VENDORS:		
Wireline:	Blue Jet	325-5584
Fracturing:	Smith	327-7281
RA Tagging:	Protechnics	326-7133
Cement:	Howco	325-3575
Tools:	Baker	325-0216
Csg Cut:	Wireline Specialties	327-7141 (if necessary)
Back Off and Csg Patch	Oil field Rentals (if necessary)	327-4421

KAS:kas

11. Perf Fruitland coal w/ 2-1/8" "Danya Cap" guns w/ 22 gram charges. Shoot approx 1712-24', 1754-56', 1770-72', 1780-82' and 1880-1890' w/ 4 SPF. Choose exact perfs from CNL.

12. TIH w/ work-string and PKR-BP assembly w/ 8' spacing. Breakdown perfs with 1/2 bbl/ft at 1 BMP with 14 bbls 15% HCL. Monitor braden head during break down. Add 0.3% quaternary amine type clay stabilizer, an inhibitor and sequestering agent to the acid. TOOH.

13. RU Smith Energy for fracture treatment. Hold safety meeting with all personnel. Pressure test surface lines to 4000 psi. Fracture treat coal according to the attached schedule at 30 BPM w/ 90,000 lbs Arizona sand. Monitor bradenhead during frac. Tag the last 1/3 of the frac with 0.4 mCi/1000# Ir-192 tracer. Flush with 573 gals 70 quality foam. Estimated treating pressure is 2100 psi. Maximum treating pressure is limited to 3000 psi. Monitor bottomhole and surface treating pressure, rate, foam quality and sand concentration with computer van. Frac during daylight only.

14. Immediately upon completion of the stimulation, flow the well to pit on 1/8" positive choke for 10 minutes. Monitor flow back pressure on square root of time vs pressure plot. SI well for 2 hours for gel break.

15. After gel break, open well through choke manifold & monitor flow. Flow @ 20 bbls/hr, or less if sand is observed.

16. TIH w/ 1-1/4" tbg and clean out to the cmt ret until sand flow stops. TOOH. Take Pitot gauges when possible.

17. Run After-Frac-Gamma-Ray log from PBTD(approx 1895') - 740'.

18. TIH w/ 1880' of 1-1/4" tbg w/ standard seating nipple one jt off bottom and 1-1/4" expendable check valve on bottom. Land tbg string.

19. ND BOP and NU wellhead. Pump off expendable check valve. Take final Pitot gauge and gas & water samples. Rig down & release rig.

Approve: _____
J. A. Howieson

VENDORS:

Wireline:	Blue Jet	325-5584
Fracturing:	Smith	327-7281
RA Tagging:	Protechnics	326-7133
Cement:	Howco	325-3575
Tools:	Baker	325-0216
Csg Cut:	Wireline Specialties	327-7141 (if necessary)
Back Off and Csg Patch	Oil field Rentals (if necessary)	327-4421

KAS:kas