

36-145-22279

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL	5. LEASE NUMBER NM-01772A
1b. TYPE OF WELL GAS	6. IF INDIAN, ALL. OR TRIBE NAME
2. OPERATOR SOUTHLAND ROYALTY CO.	7. UNIT AGREEMENT NAME
3. ADDRESS & PHONE NO. OF OPERATOR P O BOX 4289 FARMINGTON, NM 87499	8. FARM OR LEASE NAME REID
4. LOCATION OF WELL 1400'S 790'W	9. WELL NO. 700
	10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL
	11. SEC. T. R. M OR BLK. L SEC. 7 T28N R09W NMPM
14. DISTANCE IN MILES FROM NEAREST TOWN 10 MILES FROM BLANCO	12. COUNTY SAN JUAN
	13. STATE NM
15. DISTANCE FROM PROPOSED LOCATION 790' TO NEAREST PROPERTY OR LEASE LINE.	16. ACRES IN LEASE 2337.48
	17. ACRES ASSIGNED TO WELL 260.64
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DR. 500' COMPL., OR APPLIED FOR ON THIS LEASE.	19. PROPOSED DEPTH 1987'
	20. ROTARY OR CABLE TOOLS ROTARY
	This action is subject to technical and procedural review pursuant to 43 CFR 3165.4 and appeal pursuant to 43 CFR 3165.4.
21. ELEVATIONS (DF, FT, GR, ETC.) 5742'GL	22. APPROX. DATE WORK WILL START

23. PROPOSED CASING AND CEMENTING PROGRAM

*SEE OPERATIONS PLAN

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS".

24. AUTHORIZED BY: 
REGULATORY AFFAIRS

4-7-89
DATE

PERMIT NO. _____ APPROVAL DATE _____ APPROVED
AS AMENDED

APPROVED BY _____ TITLE _____ DATE _____

NOTE: THIS FORMAT IS ISSUED IN LIEU OF US BLM FORM 3160-3.

APR 12 1989
Linda Rundell
FOR AREA MANAGER

NMOCC

OPERATIONS PLAN

DATE: MAR 14,1989

Well Name: 700 REID 1400'S 790'W
 Sec. 7 T28N R09W SAN JUAN NEW MEXICO
 BASIN FRUITLAND COAL Elevation 5742'GL

Formation tops: Surface- NACIMIENTO
 Ojo Alamo- 925
 Kirtland- 1020
 Fruitland- 1725
 Fruitland Coal Top- 1835
 Fruitland Coal Base- 1987
 Intermediate TD- 1825
 Total Depth- 1987
 Pictured Cliffs- 1990

Logging Program: Mud logs from intermediate to total depth.

Mud Program: Low solid non-dispersed mud from surface to total depth.

Casing Program:	Hole Size	Depth Interval	Csg. Size	Weight	Grade
	12 1/4"	0 - 200	9 5/8"	32.3#	H-40
	8 3/4"	0 - 1825	7"	20.0#	K-55
	6 1/4"	1775 - 1987	5 1/2"	15.5#	K-55
Tubing Program:		0 - 1987	2 7/8"	6.5#	J-55

Float Equipment: 9 5/8" surface casing - saw tooth guide shoe.

7" intermediate casing - guide shoe and self-fill insert float valve. Three centralizers run every other joint above shoe. Run insert float one joint above the guide shoe.

5 1/2" production liner - float shoe on bottom and a pre-drilled liner run to the 7" casing with a minimum 50' overlap. Liner hanger is a double slip grip type.

Wellhead Equipment: 9 5/8" x 7" x 2 7/8" x 11" 3000 psi xmas tree assembly.

Cementing:
 9 5/8" surface casing - cement with 106 sacks of class "B" cement with 1/4# flocele/sack and 3% calcium chloride (125 cu ft. of slurry, 100% excess to circulate to surface). WOC 12 hours. Test casing to 600 psi for 30 minutes.

7" intermediate casing - lead with 79 sacks of 65/35 class "B" poz with 6% gel, 2% calcium chloride and 1/2 cu.ft. Perlite/sack (10.3 gallons of water/sack) tail with 100 sacks of class "B" with 2% calcium chloride. 271 cu ft. of slurry, 100% excess to cover the Ojo Alamo. Run temperature survey at 8 hours. WOC 12 hours. Test casing to 1500 psi for 30 minutes.

5 1/2" liner - do not cement.

The Fruitland coal formation will be completed.

A 3000 psi WP and 6000 psi test double gate preventer equipped with blind and pipe rams will be used for blow out prevention on this well. This gas is dedicated.

The S/2 of Section 7 is dedicated to this well.

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

Operator Southland Royalty Company		Lease Reid (NM-01772A)		Well No. 700
Unit Letter L	Section 7	Township 28 North	Range 9 West	County San Juan
Actual Footage Location of Wells 1400 feet from the South line and 790 feet from the West line				
Ground Level Elev. 5742	Producing Formation Fruitland Coal		Pool Basin	Dedicated Acreage: 260.64

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, force-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.

CERTIFICATION

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

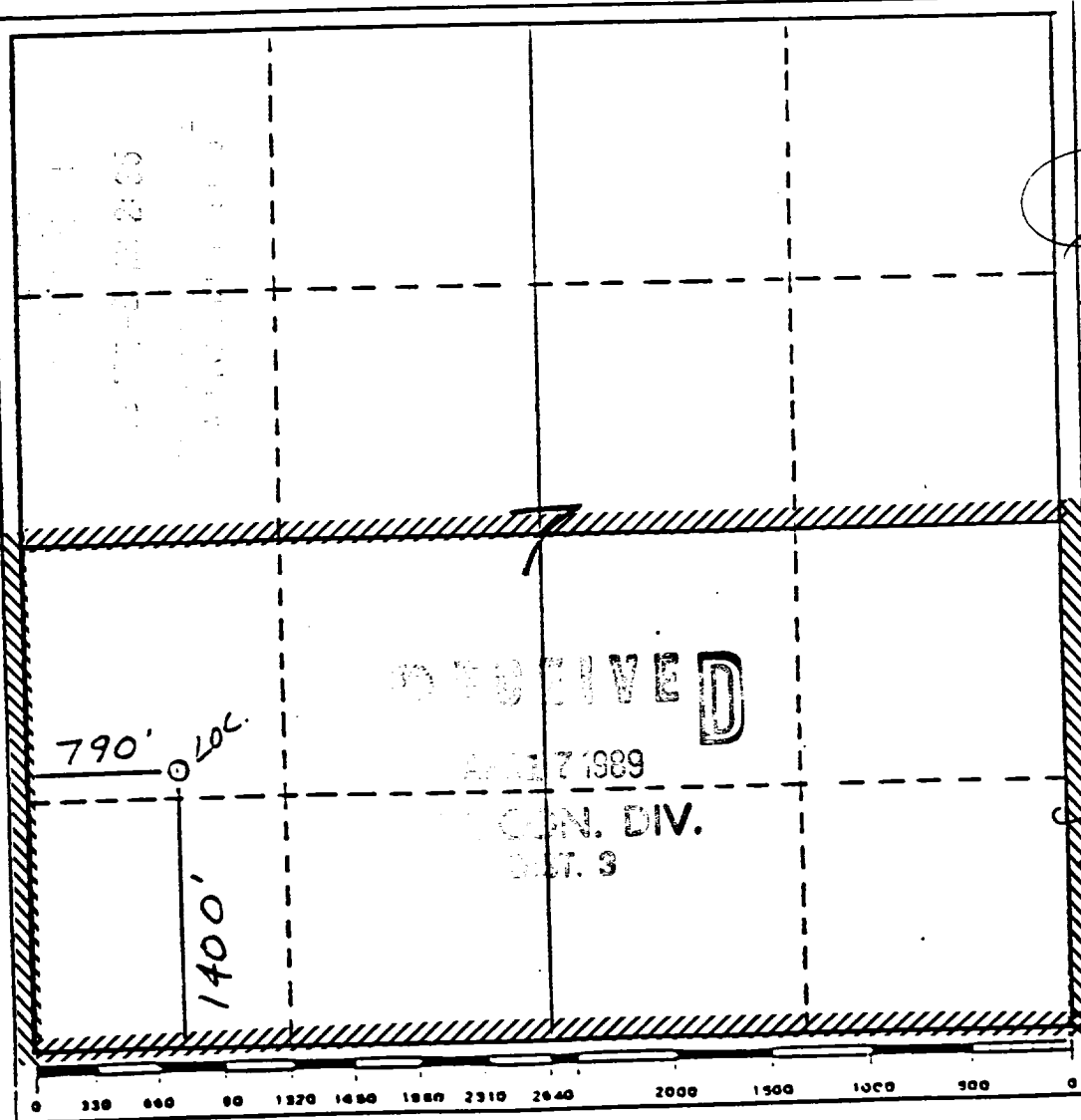
Name
Regulatory AffairsPosition
Southland RoyaltyCompany
4-7-89

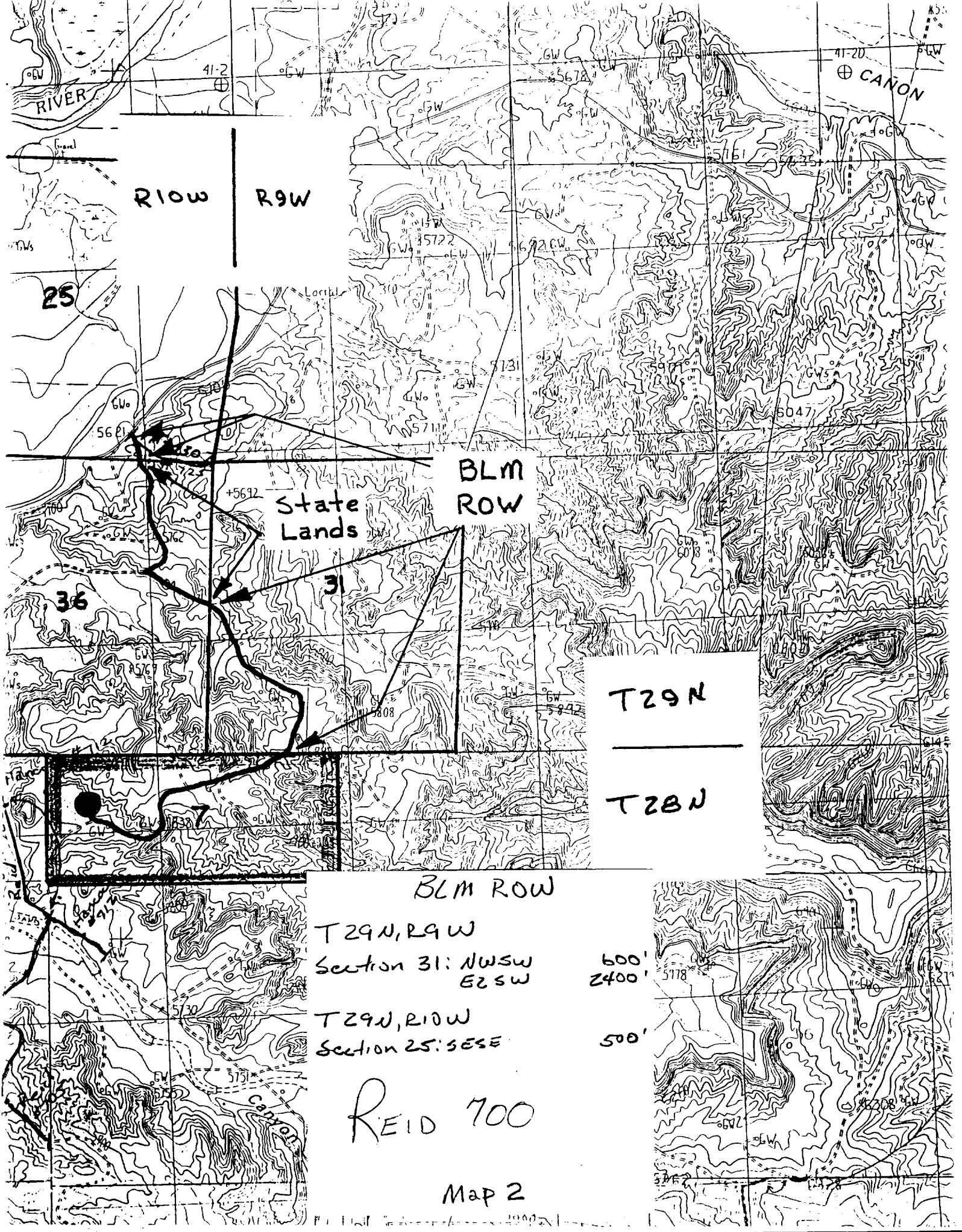
Date

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

Date Surveyed
10-21-88Registered Professional Engineer
and/or Land Surveyor

Neale C. Edwards

Certificate No.
6857



R10W

R9W

⊕ CANON

25

36

31

BLM
ROW

State
Lands

T29N

T28N

BLM ROW

T29N, R9W
Section 31: NWSW
E2 SW

T29N, R10W
Section 25: SESE

REID 700

Map 2

600'
2400'

500'

SF-077651 (WC) et al.
3162.3-1(F) (019)

MAR. 19 1990

Meridian Oil Incorporated
Southland Royalty Company
P. O. Box 4289
Farmington, NM 87499

RECEIVED
MAR 20 1990
OIL CON. DIV.)
DIST. 3

Gentlemen:

Enclosed are your Applications for Permit to Drill (APDs) for the following wells.

1. No. 102 Richardson, 865' FSL & 1815' FWL, sec. 10, T. 31 N., R. 12 W., San Juan County, New Mexico, lease SF-077651.

2. No. 290 Reid A Com. 845' FNL & 895' FEL, sec. 13, T. 29 N., R. 10 W., San Juan County, New Mexico, lease NM-01772-A.

3. No. 705 Reid, 1450' FSL & 175' FWL, sec. 19, T. 28 N., R. 9 W., San Juan County, New Mexico, lease NM-01772-A.

4. No. 704 Reid, 1055' FNL & 475' FEL, sec. 19, T. 28 N., R. 9 W., San Juan County, New Mexico, lease NM-01772-A.

5. No. 703 Reid, 1450' FSL & 1450' FWL, sec. 17, T. 28 N., R. 9 W., San Juan County, New Mexico, lease NM-01772-A.

6. No. 702 Reid, 925' FNL & 1850' FEL, sec. 18, T. 28 N., R. 9 W., San Juan County, New Mexico, lease NM-01772-A.

7. No. 701 Reid, 945' FSL & 790' FWL, sec. 18, T. 28 N., R. 9 W., San Juan County, New Mexico, lease NM-01772-A.

8. No. 700 Reid, 1400' FSL & 790' FWL, sec. 7, T. 28 N., R. 9 W., San Juan County, New Mexico, lease NM-01772-A.

9. No. 206 Pierce Com, 880' FSL & 790' FWL, sec. 30, T. 31 N., R. 10 W., San Juan County, New Mexico, lease SF-078134.

10. No. 205 Pierce Com, 910' FNL & 1450' FEL, sec. 30, T. 31 N., R. 10 W., San Juan County, New Mexico, lease SF-078134.

11. No. 293 Nye Com, 1285' FSL & 1040' FWL, sec. 9, T. 29 N., R. 10 W., San Juan County, New Mexico, lease SF-078134.

ABANDONED LC
AL. IDONF LC

12. ✓ No. 291 Nye, 1470' FSL & 1570' FWL, sec. 8, T. 29 N., R. 10 W., San Juan County, New Mexico, lease SF-078197.

13. ✓ No. 100 Newberry, 1390' FSL & 1850' FWL, sec. 17, T. 31 N., R. 12 W., San Juan County, New Mexico, lease NM-021124.

14. ✓ No. 291 Neudecker Com, 1850' FSL & 1450' FWL, sec. 13, T. 29 N., R. 10 W., San Juan County, New Mexico, lease SF-080655.

15. ✓ No. 507 Murphy E Com, 1190' FNL & 920' FEL, sec. 34, T. 30 N., R. 11 W., San Juan County, New Mexico, lease SF-043260-B.

The subject APDs are rescinded and returned pursuant to your written instructions dated November 29, 1989.

You are required to request surface rehabilitation instructions from this office if construction activities occurred on the referenced drill site. If this office does not receive comment within 30 days, we will presume that no construction occurred and proceed accordingly. Later discovery that construction activities have in fact occurred, may result in an assessment of liquidated damages.

Sincerely,

Ken Townsend

John L. Keller
FOR Chief, Branch of Minerals

15 Enclosures

cc:
NMOCD, Aztec

F. Loc. 1400/S; 790/W Elev. 5742 GL Spd. Comp. TD PB
Casing S. @ W Sx. Int. @ W Sx. Pr. @ W Sx. 1. @
Csg. Perf. Prod. Stim.

BO/D Grav. 1st Del. Gas
MCF/D After Hrs. SICP PSI After Days GOR 1st Del. Oil

TOPS		NiTD X	Well Log	TEST DATA							Ref.No.
Ojo Alamo		C-103	Plat X	Schd.	PC	Q	PW	PD	D		
Kirtland		C-104	Electric Log								
Fruitland			C-122								
Pictured Cliffs		Ditr	Dfa								
Chacra		Datr	Dac								
Cliff House		260.64 Acres									
Menefee											
Point Lookout											
Mancos											
Gallup											
Greenhorn											
Dakota											
Entrada											

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Basin Ftld Cl Co. SJ S 7 T 28N R 9W U L Oper Southland Royalty Co. Lse. Reid No. 700

Reid #700

L-7-28N-9W

Southland Royalty Co.
