

District I
1625 N. French Dr., Hobbs, NM 88240

District II
811 South First, Artesia, NM 88210

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

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-101
Revised March 17, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1 Operator Name and Address Apache Corporation 2000 Post Oak Blvd. Ste. 100 Houston, Texas 77056-4400		2 OGRID Number 000873	
Attn: Debra J. Anderson		3 API Number 30-025-06396	
4 Property Code 23112	5 Property Name Southland Royalty A		6 Well No. 4

7 Surface Location

UL or lot no. X	Section 4	Township 21S	Range 37E	Lot Idn	Feet from the 660	North/South Line South	Feet from the 660	East/West Line East	County Lea
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8 Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
9 Proposed Pool 1 Penrose Skelly; Grayburg					10 Proposed Pool 2 Hare; San Andres, East				

11 Work Type Code P	12 Well Type Code O	13 Cable/Rotary	14 Lense Type Code P	15 Ground Level Elevation 3466
16 Multiple N	17 Proposed Depth 6750' (TD)	18 Formation Grayburg / San Andres	19 Contractor	20 Spud Date ASAP

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2	13-3/8	36#	300	300	Surface
11	8-5/8	24# & 32#	2905	475	1750' (Temp Survey)
7-7/8	5-1/2	14# & 15.5#	6748	225	4570' (Temp Survey)

22 Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

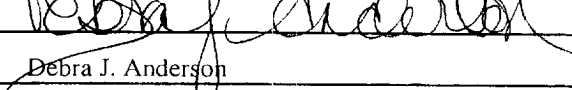
Southland Royalty A # 4 is currently completed and downhole commingled in the Tubb & Drinkard Pools



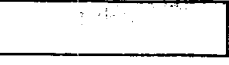
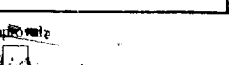
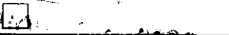
Apache proposes to plugback the wellbore by setting a CIBP @ 6125' w/ 25 sx cement, perforate the 5-1/2" casing @ +/- 4100' and circulate cement behind casing to surface. Following cement squeeze, perforate from 4230' - 4240' to test for commercial production. Set a plug @ 4180' and perforate from 3868' - 4000'.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

Plug-Back

23 I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: 
Printed Name: Debra J. Anderson
Title: Sr. Engineering Technician
Date: 10/30/00
Phone: 713-296-6338

OIL CONSERVATION DIVISION	
Approved by: 	
Title: 	
Approval Date: 	Expiration Date:
Conditions of Approval: 	
Attached 	

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Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 S. Pacheco
Santa Fe, New Mexico 87505

Form C-102

Revised October 18, 1994

Instruction on Back

Submit to Appropriate District Office

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-06396	² Pool Code 50350	³ Pool Name Penrose Skelly; Grayburg
⁴ Property Code 23112	⁵ Property Name Southland Royalty A	⁶ Well Number 4
⁷ OGRID No. 000873	⁸ Operator Name Apache Corporation	⁹ Elevation 3466

¹⁰ Surface Location

UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
X	4	21S	37E		660	South	660	East	Lea

¹¹ Bottom Hole Location If Different From Surface

UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁴ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16

17 OPERATOR CERTIFICATION

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

Signature

Printed Name

Debra V. Anderson

Title

Sr. Engineering Technician

Date

10/30/00

18 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 belief.

Date Surveyed

Signature and Seal of Professional Surveyor

Certificate Number

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WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-06396	² Pool Code 96601	³ Pool Name Hare:San Andres, East
⁴ Property Code 23112	⁵ Property Name Southland Royalty A	⁶ Well Number 4
⁷ OGRID No. 000873	⁸ Operator Name Apache Corporation	⁹ Elevation 3466

¹⁰ Surface Location

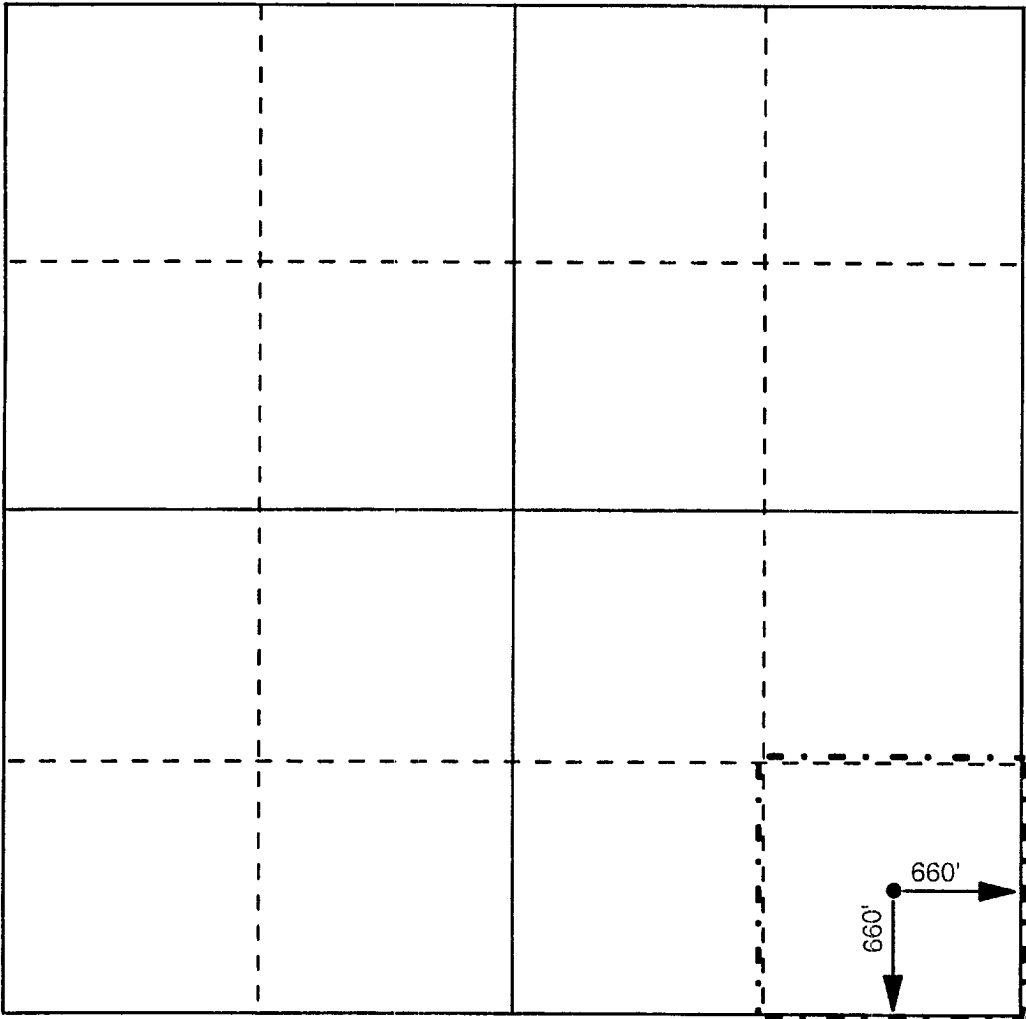
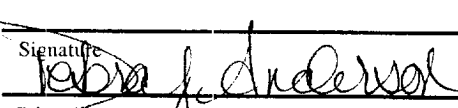
UL or Lot No. X	Section 4	Township 21S	Range 37E	Lot Idn	Feet from the 660	North/South line South	Feet from the 660	East/West line East	County Lea
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OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

¹⁶ 	¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i> Signature  Printed Name Debra J. Anderson Title Sr. Engineering Technician Date 10/30/00
	¹⁸ SURVEYOR CERTIFICATION <i>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 belief.</i> Date Surveyed Signature and Seal of Professional Surveyor Certificate Number

APACHE CORPORATION
SOUTHLAND ROYALTY # 4
SECTION 4 (Government Long),
TOWNSHIP 21S, RANGE 37E
LEA COUNTY, NEW MEXICO

