

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-101
Revised February 10, 1994
Instructions on back
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

Operator Name and Address. SOUTHWEST ROYALTIES, INC. P.O. BOX 11390 MIDLAND, TX 79702		OGRID Number 21355
Property Code 20745	Property Name GRAMA RIDGE 35 STATE	API Number 30-025-2999
		Well No. 1

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	35	21S	33E		2310	South	990	East	Lea

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
Wildcat									
Proposed Pool 1 WOLFCAMP					Proposed Pool 2				

Work Type Code E	Well Type Code G	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 3665.5'
Multiple No	Proposed Depth 13,150	Formation Wolfcamp	Contractor	Spud Date 5-1-97

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
9-3/4	7-7/8"	29.7	5770'/12,238'	0	6500'
6-1/2	4-1/2" Liner	13.5	12,900-11,840'	150	11840'

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.

Propose to Drill Out plugs @ surface, 650', 3850', 5230', & 5780'. Clean out plug @ 7-5/8" csg cut @ 5770'. Tie back into 7-5/8" w/7-5/8 29.7# csg to surf. Install 10K BOP. Drill out cmt plugs @ 6500', 9400', 12,180'. Clean out to plug @ 13,150'. Run 4-1/2" 13.5# Liner from 11,840' to 12,900'. Cmt w/150 sx C1 H. Dress off liner top & test. RIH w/2-3/8" tbg & pkr to 12,500'. Perf Wolfcamp from 12,624-72'. Acidize zone.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

Re-Entry

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>James Blount</i>		OIL CONSERVATION DIVISION ORIGINAL SIGNED BY	
Printed name: James Blount		Approved by: GARY WINK FIELD REP. II	
Title: Area Supervisor		Title:	
Date: 3-27-97	Phone: 915 686-9927	Approval Date: APR 18 1997	Expiration Date:
		Conditions of Approval: Attached <input type="checkbox"/>	

C-101 Instructions

Measurements and dimensions are to be in feet/inches. Well locations will refer to the New Mexico Principal Meridian.

IF THIS IS AN AMENDED REPORT CHECK THE BOX LABELED "AMENDED REPORT" AT THE TOP OF THIS DOCUMENT.

- 1 Operator's OGRID number. If you do not have one it will be assigned and filled in by the District office.
- 2 Operator's name and address
- 3 API number of this well. If this is a new drill the OCD will assign the number and fill this in.
- 4 Property code. If this is a new property the OCD will assign the number and fill it in.
- 5 Property name that used to be called 'well name'
- 6 The number of this well on the property.
- 7 The surveyed location of this well New Mexico Principal Meridian NOTE: If the United States government survey designates a Lot Number for this location use that number in the 'UL or lot no.' box. Otherwise use the OCD Unit Letter.

8 The proposed bottom hole location of this well at TD

9 and 10 The proposed pool(s) to which this well is being drilled.

11 Work type code from the following table:

- | | |
|---|--------------|
| N | New well |
| E | Re-entry |
| D | Drill deeper |
| P | Plugback |
| A | Add a zone |

12 Well type code from the following table:

- | | |
|---|-----------------------|
| O | Single oil completion |
| G | Single gas completion |
| M | Multiple completion |
| I | Injection well |
| S | SWD well |
| W | Water supply well |
| C | Carbon dioxide well |

13 Cable or rotary drilling code

- | | |
|---|-----------------------------|
| C | Propose to cable tool drill |
| R | Propose to rotary drill |

14 Lease type code from the following table:

- | | |
|---|--------------------|
| F | Federal |
| S | State |
| P | Private |
| N | Navajo |
| J | Jicarilla |
| U | Ute |
| I | Other Indian tribe |

15 Ground level elevation above sea level

16 Intend to mutiple complete? Yes or No

17 Proposed total depth of this well

18 Geologic formation at TD

19 Name of the intended drilling company if known.

20 Anticipated spud date.

21 Proposed hole size ID inches, proposed casing OD inches, casing weight in pounds per foot, setting depth of the casing or depth and top of liner, proposed cementing volume, and estimated top of cement

22 Brief description of the proposed drilling program and SOP program. Attach additional sheets if necessary.

23 The signature, printed name, and title of the person authorized to make this report. The date this report was signed and the telephone number to call for questions about this report.



District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-
Revised February 10, 1997
Instructions on back
Submit to Appropriate District Of
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-29991		Pool Code ✓	Pool Name WOLF CAMP
Property Code 20745	Property Name GRAMA RIDGE 35 STATE		Well Number 1
OGRID No. 021355	Operator Name SOUTHWEST ROYALTIES, INC.		Elevation 3665.5'

10 Surface Location

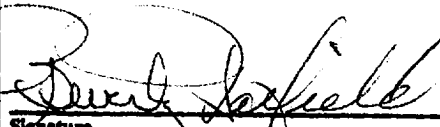
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	35	21S	33E		2310	South	990	East	Lea

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

Dedicated Acres 320	Joint or Infill N	Consolidation Code	Order No.
------------------------	----------------------	--------------------	-----------

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  Beverly Hatfield Printed Name Regulatory Coordinator Title 4-7-97 Date
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 of Survey Signature and Seal of Professional Surveyor: Certificate Number					