

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Road, Aztec, NM 87410

District IV

1220 S. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

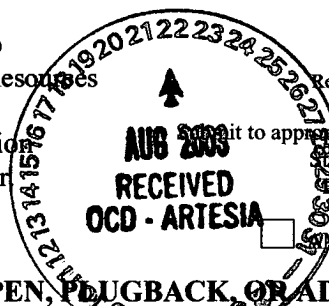
Oil Conservation Division

1220 S. St. Francis Dr.

Santa Fe, NM 87505

Form C-101

Revised March 17, 1999



Submit to appropriate District Office

State Lease - 6 Copies

Fee Lease - 5 Copies

SCHEDULED REPORT

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

¹ Operator Name and Address Royalty Resources, LLC P.O.Box 3444 Midland, Tx. 79701		² Well Number 219593
⁴ Property Code 32328	⁵ Property Name Calvani com	³ API Number 30 - 015 -20784
		⁶ 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
K	09	22S	27E		1880	South	2130	West	Eddy

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 South Carlsbad (Morrow)					¹⁰ Proposed Pool 2				

¹¹ Work Type Code E	¹² Well Type Code G	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3084
¹⁶ Multiple N	¹⁷ Proposed Depth 11185	¹⁸ Formation Upper Morrow	¹⁹ Contractor L & R	²⁰ Spud Date 10/2/2003

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"	61#	381'	500	Surface
12 1/4"	9 5/8"	36 & 40#	5208'	2400	1300' by TS
8 1/2"	5 1/2"	17 & 20#	11762'	650	7990' by TS

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.

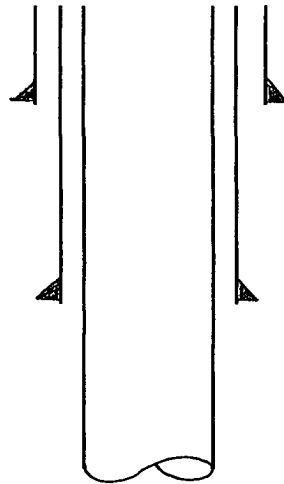
1. Move L & R DD WS Unit on Location. RU install 7 1/16" DSA and 3000 psi Double Gate BOP.
2. Set Frac tank and load w/ 2 % KCL
3. Move Davis Reverse Equipment on location
4. Kill well. Well is currently producing from the Wolfcamp perms (9268-791') less than 10MCF/Day with plunger Lift system.
5. Release packer and TOH. PU 4 5/8" bit , Drill collars, drill cement and plugs at 10300', 10650' and 15' cement to 11185'
6. Perf upper morrow f/ 11018 -155'. Run packer and retrievable Bridge plug
7. Acidize and test perms. Plase on production.

NSL - 4943

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature:		Approved by:	
Printed name: Chris Prickett		Title: District Supervisor	
Title: Manager		Approval Date: SEP 15 2003	Expiration Date: SEP 15 2004
Date: 08/20/03	Phone: 432 570-6885	Conditions of Approval:	
		Attached <input type="checkbox"/>	

Wellbore Schematic

CALVANI COM NO.1
1980'FSL&2130'FWL
SEC 9,T-22-S,R-27-E
Eddy Co, NM



13 3/8", 61# @ 381' w/ 500 sxs to surface

9 5/8", 40&36# @ 5208' w/ 2400 sxs TOC 1300'

Well Head

Christmastree top conn: 2 1/2" 8rd

Master valves 2- 2 1/2" Camern Type F
5000 WP Flanged

Tubing Head Top: 6" s/1500 Flanged

Tubing Hanger type: H-7 w 2 3/8"x 2 3/8"
Atlas Bradford DSS-HT mand

Tubing Head Type B 10"s/1500x6"s/1500



Wolfcamp perfs (9268-9791') 49 holes

CIBP @ 10300' w 35' cmt

CIBP @ 10650' w/ 35' cmt

Model "D" Pkrw/bullplug @ 11187' w/ 35' cmt

Model "DA" Pkr @ 11200'

Morrow perfs (11356-628')

5 1/2", 20&17#, @ 11,762' w/ 650 sxs TOC 7990

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102

Revised June 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

¹ API Number 30-015-20754		² Pool Code		³ Pool Name South Carbide (Morrow)	
⁴ Property Code 32328		⁵ Property Name Calvani Cam			⁶ Well Number 1
⁷ OGRID No. 219393		⁸ Operator Name Royalty Resources, LLC			⁹ Elevation 3084

¹⁰ Surface Location

UL or lot no. K	Section 09	Township 22S	Range 27E	Lot No. 1880	Feet from the 1880	North/South Line South	Feet from the 2130	East/West Line West	County Eddy
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot No.	Feet from the	North/South Line	Feet from the	East/West Line	County
¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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 Chris Pickett Printed Name Title and E-mail Address Manager Pickett@willowcreek.com August 27, 2003 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	