

District I 1625 N. French Dr., Hobbs NM 88240 District II 811 South First, Artesia, NM 88210 District III 1000 Rio Brazos, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South 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 <input type="checkbox"/> AMENDED REPORT
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APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Jack J. Grynberg 5000 S. Quebec St. Suite 500 Denver, CO 80237		² OGRID Number 11492
		³ API Number 30-005-61364
⁴ Property Code 4823	⁵ Property Name Grynberg 32 State	⁶ Well No. 4

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
F	32	5S	24E		1,980	N	1,980	W	Chaves

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 Granite Wash	¹⁰ Proposed Pool 2
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¹¹ Work Type Code PB	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 4,171.5
¹⁶ Multiple No	¹⁷ Proposed Depth 5,100	¹⁸ Formation Granite Wash	¹⁹ Contractor NA	²⁰ Spud Date 2nd Qtr, 2001

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
14 3/4"	10 3/4"	32#	908	600	Surface
7 7/8"	4 1/2"	10.5#	4,126	1,500	1,820
3 7/8"	2 7/8"	6.5#	5,100	50	

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.

Well is perforated in the Abo from 3,850' - 3,878' and 3,937' - 3,942' with 1 SPF. Operator proposes to squeeze Abo perforations and deepen the well thru the Granite Wash. If logs show productivity, 2 7/8" casing will be run and cemented. The Granite Wash will be perforated, stimulated and tested. BOP will consist of double ram hydraulically operated 7 1/16".

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

Signature: Thomas E. Venglar

Printed Name: Thomas E. Venglar

Title: Manager of Reservoir Engineering

Date: May 23, 2001

Phone: 303-850-7490

Approved By:

Title:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐

OIL CONSERVATION DIVISION

Denied