

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  
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. Louis Dreyfus Natural Gas Corp 14000 Quail Springs Parkway Suite 600 Oklahoma City, OK 73134		OGRID Number 25773
(Former Fortson Oil Co.)		API Number 30-015-27334
Property Code V-3479-17447	Property Name Pinnacle State	Well No. 14

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the 1980	North/South line	Feet from the	East/West line	County
H	36	22S	28E			North	990	East	Eddy

Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the 1980	North/South line	Feet from the	East/West line	County
H	36	22S	28E			North	990	East	Eddy
Proposed Pool 1 X. Herradura Bend, Delaware, East					Proposed Pool 2				

Work Type Code Drill	Well Type Code Oil	Cable/Rotary Rotary	Lease Type Code S	Ground Level Elevation 3129' GL
Multiple	Proposed Depth 6450'	Formation Delaware	Contractor Capstar	Spud Date ASAP

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"	H-55 54.5#	375'	400 sx.	Surface
12 1/4"	8 5/8"	J-55 24#	2700'	1125 sx.	Surface
7 7/8"	5 1/2"	K-55 15.5#	6450'	975 sx.	2500'

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.

Fresh water sands will be protected by setting 13 3/8" csg. @ 375' and cement to surface. Intermediate casing will be set through salt zone @ 2700' and cemented to surface. The 5 1/2" production casing will be set @ 6450' and cemented to 2500'. Complete as a Delaware producer.

BOP sketch attached.

Post ID-I

9- -95

Re-Instate

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>William E. Simer</i>		OIL CONSERVATION DIVISION	
Printed name: William E. Simer		Approved by: ORIGINAL SIGNED BY TIM W. GUM	
Title: Production Foreman		Title: DISTRICT II SUPERVISOR	
Date: 9/13/95		Approval Date: 9/14/95	Expiration Date: 3/14/96
Phone: (505) 326-6958		Conditions of Approval: Attached <input type="checkbox"/>	

Notary N.M.O.C.C. in sufficient

time to witness cementing

the 8 5/8" casing

# C-101 Instructions

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

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- |          |  |                             |   |
|----------|--|-----------------------------|---|
| 1        | Operator's OGRIID number. If you do not have one it will be assigned and filled in by the District office.   | 18                          | Geologic formation at TD  |
| 2        | Operator's name and address  | 19                          | Name of the intended drilling company if known.   |
| 3        | API number of this well. If this is a new drill the OCD will assign the number and fill this in.   | 20                          | Anticipated spud date.  |
| 4        | Property code. If this is a new property the OCD will assign the number and fill it in.  | 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 |
| 5        | Property name that used to be called 'well name'   | 22                          | Brief description of the proposed drilling program and BOT program. Attach additional sheets if necessary.  |
| 6        | The number of this well on the property.   | 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.                  |
| 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 multiple complete? Yes or No   |                             |   |
| 17       | Proposed total depth of this well  |                             |   |

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Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
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Form C-102  
Revised February 10, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

* API Number 30-015-27334		* Pool Code 30670	* Pool Name Herradura Bend, Debeaux, East
* Property Code PINNACLE STATE	* Property Name		* Well Number 14
* OGRID No.	* Operator Name LOUIS DREYFUS		* Elevation 3129.

<sup>10</sup> Surface Location

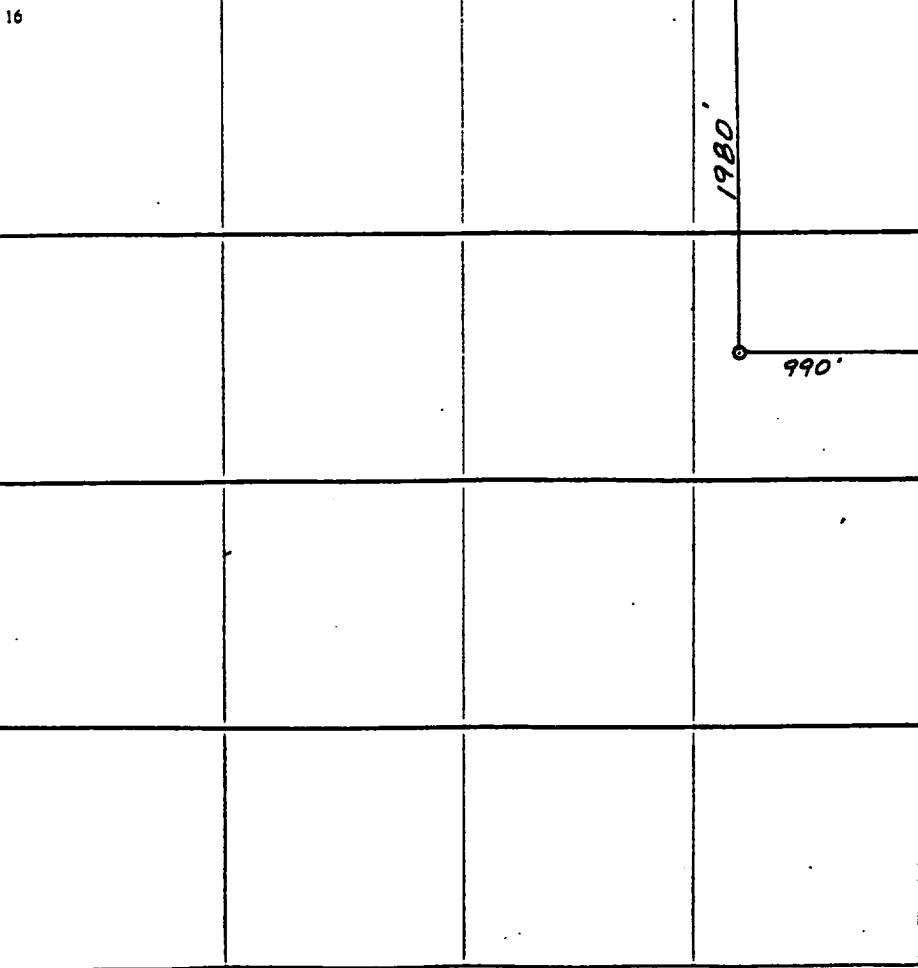
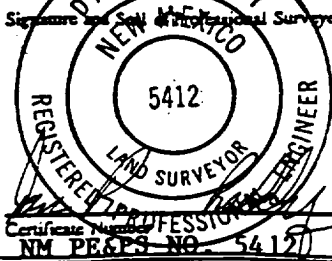
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	36	22-S	28-E		1980	NORTH	990	EAST	EDDY

<sup>11</sup> 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

<sup>12</sup> Dedicated Acres 40	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<div data-bbox="159 1087 180 1108" data-label="Text">16</div> 	<div data-bbox="1089 1072 1546 1108" data-label="Section-Header"><sup>17</sup> OPERATOR CERTIFICATION</div> <div data-bbox="1089 1115 1546 1168" data-label="Text">I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</div> <div data-bbox="1089 1178 1546 1327" data-label="Text"> <p><i>William E. Simer</i> Signature</p> <p>William E. Simer Printed Name</p> <p>Field Foreman Title</p> <p>9-14-95 Date</p> </div>
	<div data-bbox="1089 1561 1546 1598" data-label="Section-Header"><sup>18</sup> SURVEYOR CERTIFICATION</div> <div data-bbox="1089 1604 1546 1721" data-label="Text">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.</div> <div data-bbox="1089 1732 1546 1785" data-label="Text"> <p>JANUARY 9, 1993 Date of Survey</p> <p>R. R. EDDY Signature and Seal of Professional Surveyor</p> </div>
	
	<p>5412</p> <p>REGISTERED PROFESSIONAL ENGINEER</p> <p>NEW MEXICO</p> <p>LAND SURVEYOR</p> <p>Certificate Number</p> <p>NM PEES NO. 5412</p>

New Mexico Oil Conservation Division  
C-102 Instructions

IF THIS IS AN AMENDED REPORT, CHECK THE BOX LABELED  
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Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed contact the appropriate OCD district office. Independent subdivision surveys will not be acceptable.

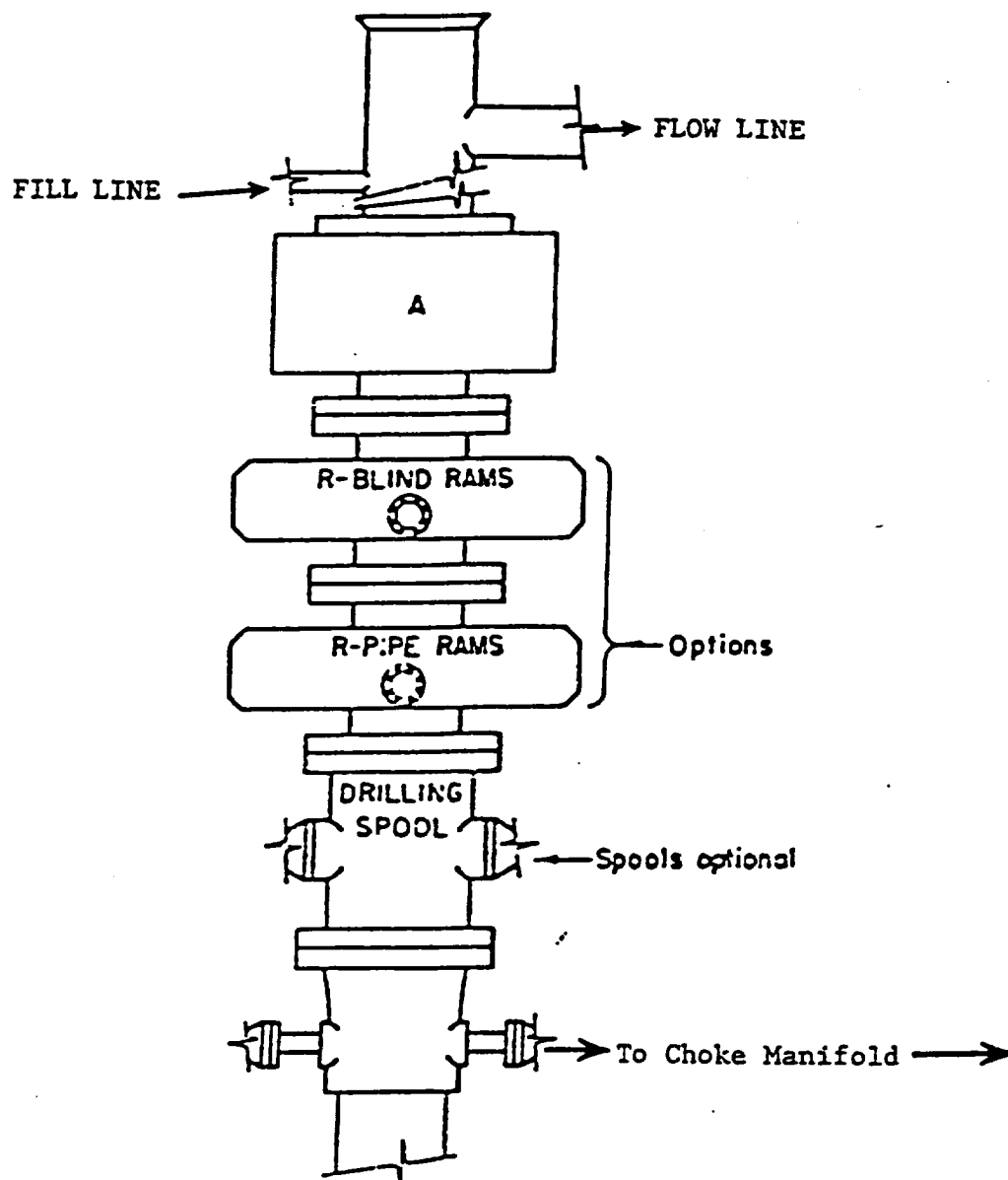
1. The OCD assigned API number for this well
2. The pool code for this (proposed) completion
3. The pool name for this (proposed) completion
4. The property code for this (proposed) completion
5. The property name (well name) for this (proposed) completion
6. The well number for this (proposed) completion
7. Operator's OGRID number
8. The operator's name
9. The ground level elevation of this well
10. The surveyed surface location of this well measured from the section lines. 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.
11. Proposed bottom hole location. If this is a horizontal hole indicate the location of the end of the hole.
12. The calculated acreage dedicated to this completion to the nearest hundredth of an acre
13. Put a Y if more than one completion will be sharing this same acreage or N if this is the only completion on this acreage
14. If more than one lease of different ownership has been dedicated to the well show the consolidation code from the following table:

C	Communization
U	Unitization
F	Forced pooling
O	Other
P	Consolidation pending

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. This grid represents a standard section. You may superimpose a non-standard section over this grid. Outline the dedicated acreage and the separate leases within that dedicated acreage. Show the well surface location and bottom hole location. If it is directionally drilled, with the dimensions from the section lines in the cardinal directions. (Note: A legal location is determined from the perpendicular distance to the edge of the tract.) If this is a high angle or horizontal hole show that portion of the well bore that is open within this pool.  
  
Show all lots, lot numbers, and their respective acreage.  
  
If more than one lease has been dedicated to this completion, outline each one and identify the ownership as to both working interest and royalty.
17. The signature, printed name, and title of the person authorized to make this report, and the date this document was signed.
18. The registered surveyors certification. This section does not have to be completed if this form has been previously accepted by the OCD and is being filed for a change of pool or dedicated acreage.

15. Write in the OCD order(s) approving a non-standard location, non-standard spacing, or directional or horizontal drilling



**ARRANGEMENT SRRA**

900 Series  
3000 PSI WP