

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
**District II**  
811 South First, Artesia, NM 88210  
**District III**  
1000 Rio Brazos Road, Aztec, NM 87410  
**District IV**  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-101  
Revised March 17, 1999

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

AMENDED REPORT

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

<sup>1</sup> Operator Name and Address Melrose Operating Co. c/o P.O. Box 953, Midland, TX 79702		<sup>2</sup> OGRID Number 184860
<sup>3</sup> Property Code 26081	<sup>4</sup> Property Name Artesia Unit	<sup>5</sup> API Number 30 - 015 - 31463
		<sup>6</sup> Well No. 81

**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	17S	28E		2310	South	1310	East	Eddy

**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

<sup>7</sup> Proposed Pool 1 Artesia, Queen-Grayburg-San Andres (03230)	<sup>8</sup> Proposed Pool 2
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<sup>9</sup> Work Type Code N	<sup>10</sup> Well Type Code O	<sup>11</sup> Cable/Rotary R	<sup>12</sup> Lease Type Code S	<sup>13</sup> Ground Level Elevation 3664'
<sup>14</sup> Multiple No	<sup>15</sup> Proposed Depth 3500'	<sup>16</sup> Formation San Andres	<sup>17</sup> Contractor United Drlg.	<sup>18</sup> Spud Date 1-10-01

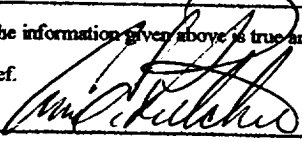
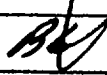
**Minimum WOC time 18 hrs. Proposed Casing and Cement Program**

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	8 5/8"	24#	300'	275 sx	surface
7 7/8"	4 1/2" - 5 1/2"	9.5 - 17#	3500'	600 sx	surface

<sup>19</sup> 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 12 1/4" hole to 300', set 8 5/8" casing to 300' and cement w/275 sx C1 C cement, circulating to surface. Drill 7 7/8" hole to 3500', run open hole logs, set 4 1/2" or 5 1/2" casing to TD, cement w/600 sx C1 C, circulating to surface. Will perforate & stimulate. Test.

<sup>20</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: 		<b>OIL CONSERVATION DIVISION</b>	
Printed name: Ann E. Ritchie		Approved by: ORIGINAL SIGNED BY TIM W. GUM 	
Title: Regulatory Agent		Title: DISTRICT II SUPERVISOR	
Date: 11-14-00		Approval Date: NOV 19 2000 Expiration Date: NOV 19 2001	
Phone: 915 684-6831		Conditions of Approval: Attached <input type="checkbox"/>	

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88211-0719

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

**DISTRICT IV**  
**P.O. BOX 2068, SANTA FE, N.M. 87504-2068**

## OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

# WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code	Pool Name
		03230	Artesia, Queen-Grayburg-San Andres)
Property Code	Property Name		Well Number
	ARTESIA UNIT		81
OGRID No.	Operator Name		Elevation
184860	Melrose Operating Co.		3664'

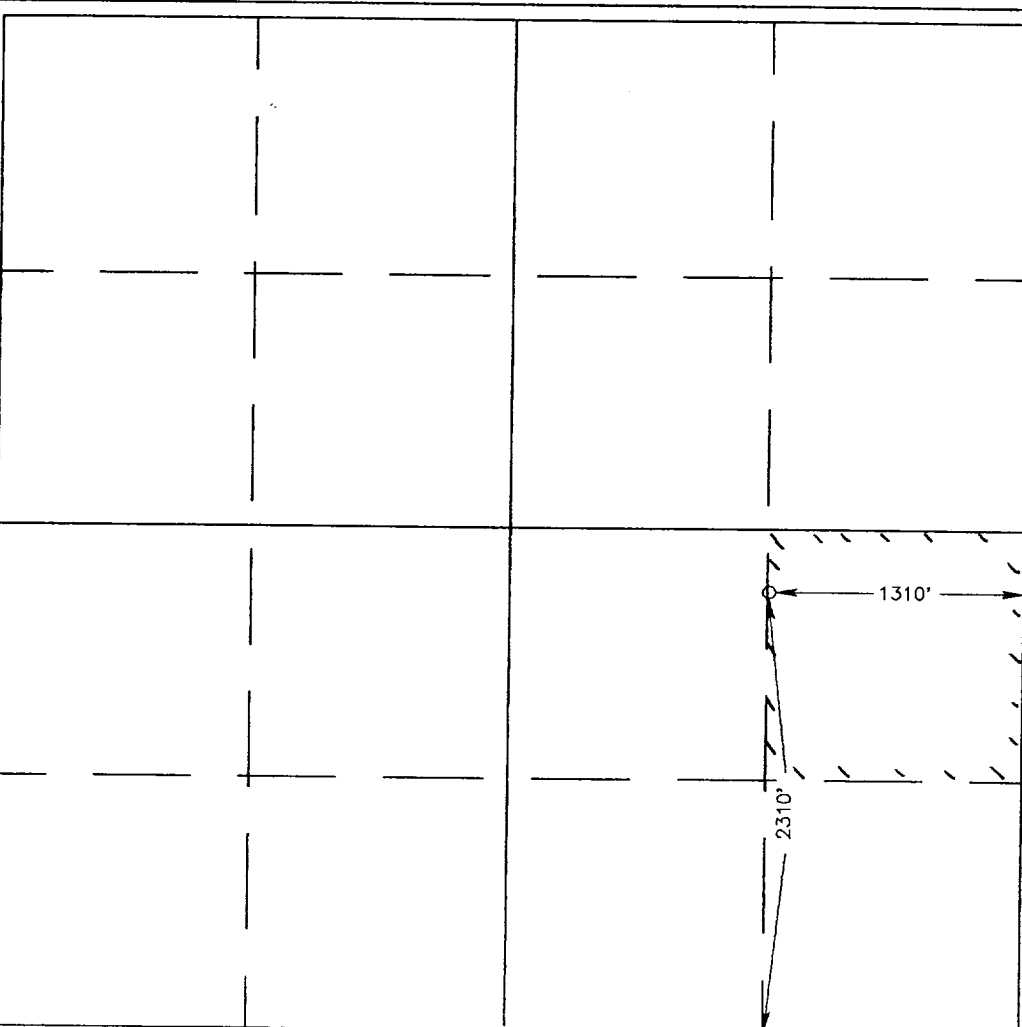
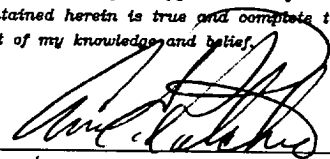
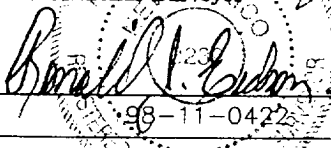
### Surface Location

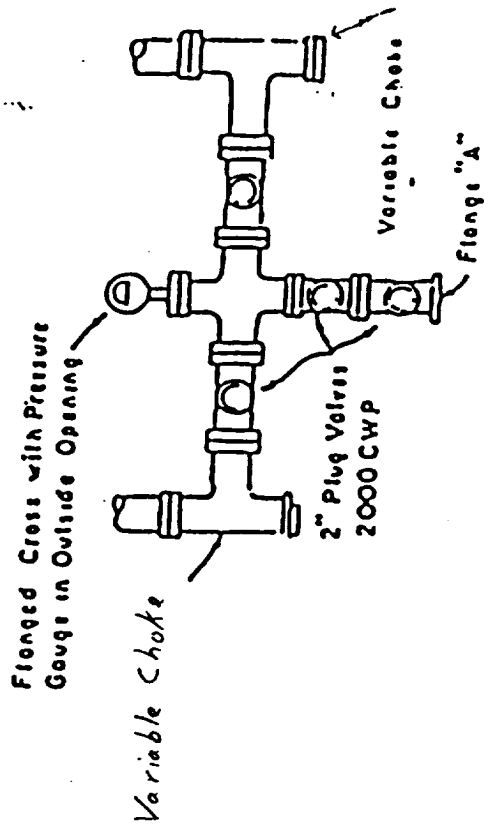
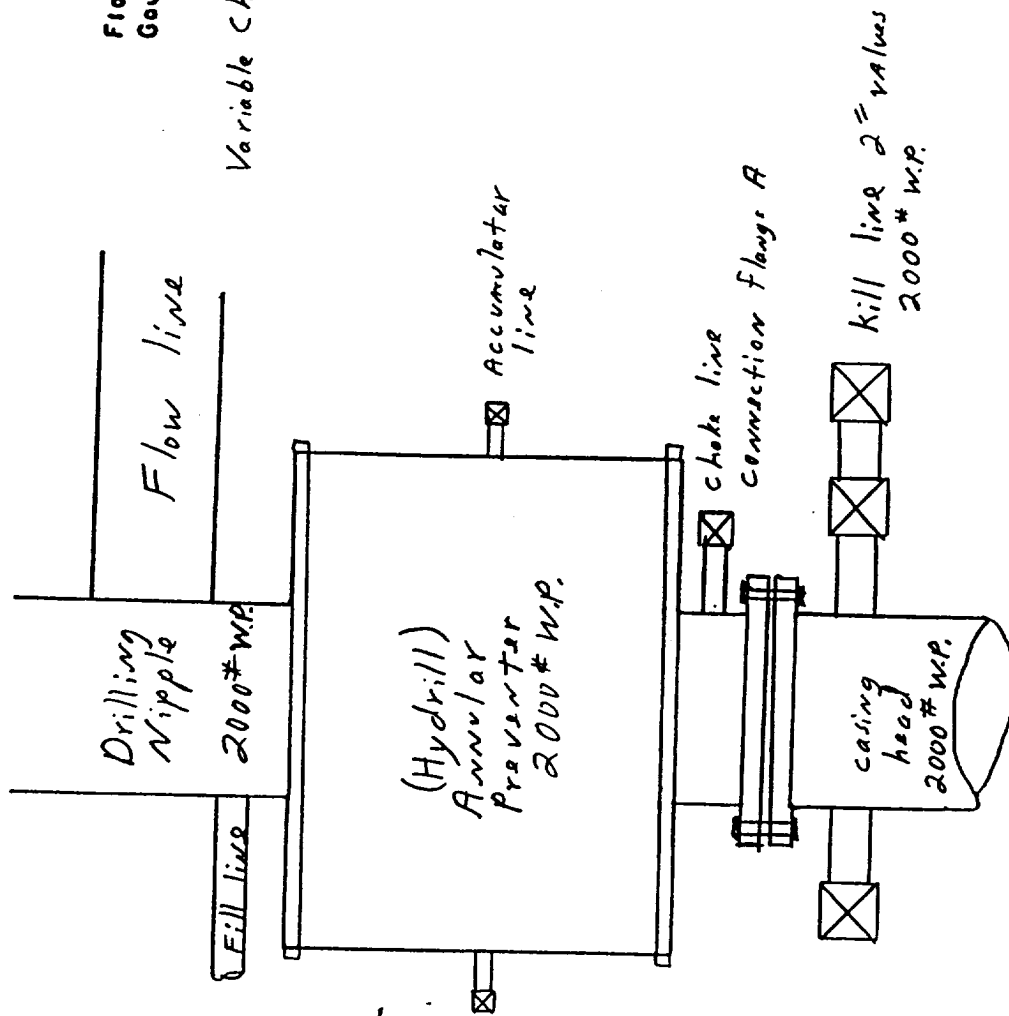
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	35	17 S	28 E		2310	SOUTH	1310	EAST	EDDY

## 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 40	Joint or Infill ✓	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

	<b>OPERATOR CERTIFICATION</b> <i>I hereby certify the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Ann E. Ritchie Printed Name Regulatory Agent Title 11-14-00 915 684-6381 Date
	<b>SURVEYOR CERTIFICATION</b> <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> MARCH 11, 1998 Date Surveyed CDG Signature & Seal of Professional Surveyor  98-11-0422 Certificate No. RONALD J. EDSON 3239 GARY EDSON 12641



PLAN VIEW-CHOKE MANIFOLD