

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: Conoco Inc 10 Desta Dr. Ste. 430E Midland, Tx. 79705-4500		OGRID No. 005073
Property Code 22374	Property Name Bruington LS	API Number 45-29747
		Well No. 4R

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	6	30N	11W		790	South	925	West	San Juan

s 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
Proposed Pool 1 W/2 / 320 Blanco Mesaverde					Proposed Pool 2 S/2 / 320 Basin Dakota				

Work Type Code N 16 Multiple Yes	Well Type Code M 17 Proposed Depth 7131'	Cable/Rotary R 18 Formation Dakota	Lease type Code S 19 Contractor N/A	14 Ground Level Elevation 5715' 20 Spud Date 1/2/99
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21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	9-5/8", K-55	36#	250'	150 sx. circ.	Surface
8-3/4"	7", K-55	23#	2429'	339 sx circ	Surface
6-1/4"	4-1/2", K-55	9.5#	6831'	600 sx circ.	Surface

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.

It is proposed to drill a vertical wellbore to be downhole commingled in the Blanco Mesaverde and Basin Dakota Pools. Following the acquisition of sufficient production test data for allocation purposes, a downhole commingling application will be filed. The well will be drilled and equipped according to the following additional attachments:

1. Well Location & Acreage Dedication Plat (C-102)
2. Proposed Well Plan Outline
3. Cementing program
4. BOP/Choke Diagram

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

Signature: <i>Jo Ann Johnson</i>	Printed name: Jo Ann Johnson
Title: Sr. Property Analyst	Date: 12/2/98
Phone: 915/686-5515	

OIL CONSERVATION DIVISION

Approved by: <i>Ernie Busch</i>	Title: DEPUTY OIL & GAS INSPECTOR, DIST. #3
Approval Date: DEC 3 1998	Expiration Date: DEC 3 1999
Conditions of Approval: Attached	

District I  
PO Box 1980, Hobbs, NM 88241-1980

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

District II  
PO Drawer DD, Artesia, NM 86211-0719

OIL CONSERVATION DIVISION  
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number <b>30-045-29747</b>		*Pool Code <b>72319 / 71599</b>	*Pool Name <b>BLANCO MESAVERDE / BASIN DAKOTA</b>
*Prorated Acreage <b>32374</b>	*Property Name <b>BRUINGTON LS</b>		*Well Number <b>4R</b>
*GRID No. <b>005073</b>	*Operator Name <b>CONOCO, INC.</b>		*Elevation <b>5715'</b>

<sup>10</sup> Surface Location

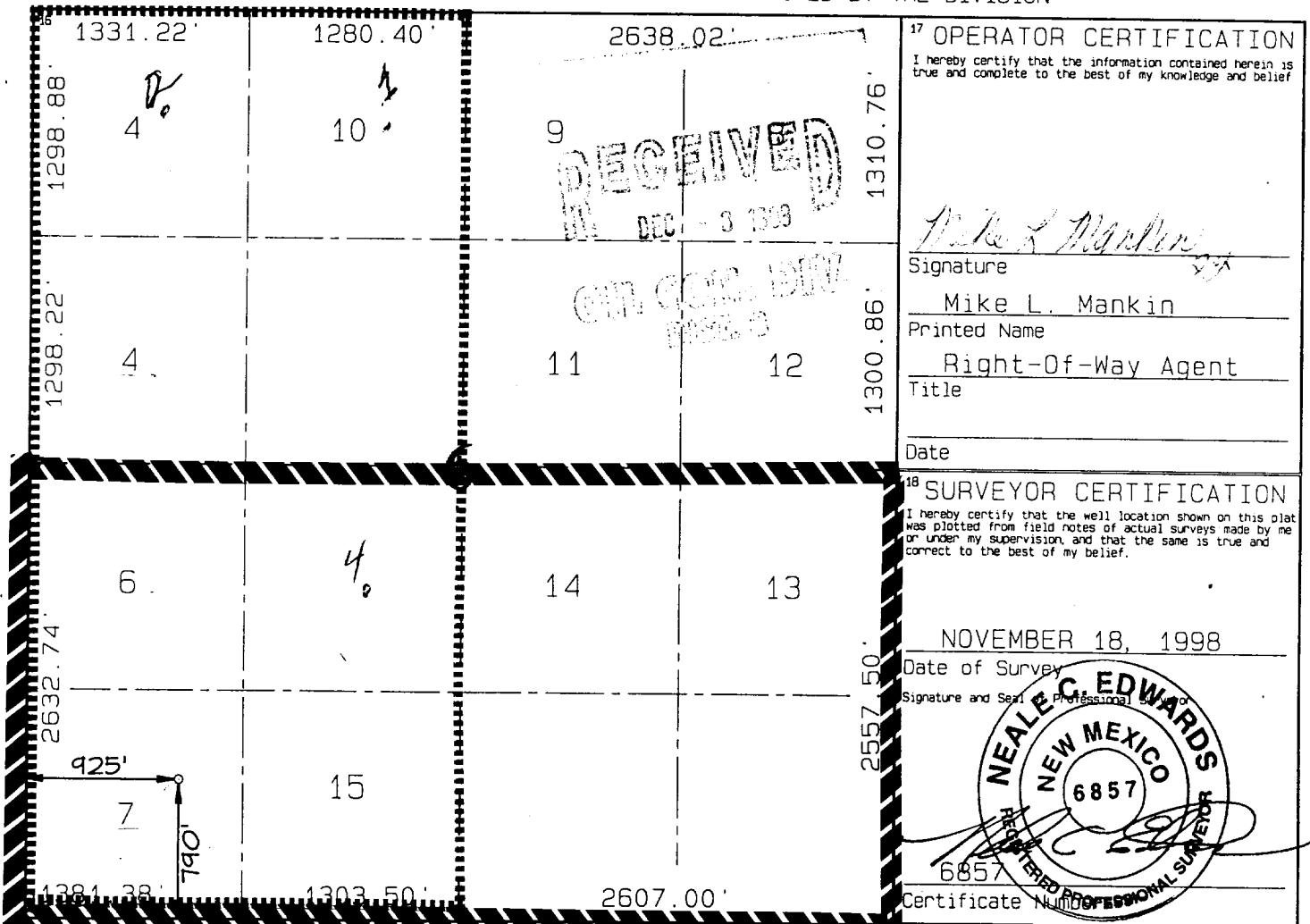
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	6	30N	11W		790	SOUTH	925	WEST	SAN JUAN

<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 <b>320.45</b> S/2 - 320; W/2 - 320 <b>325.46</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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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



## PROPOSED WELL PLAN OUTLINE

WELL NAM **BRUINGTON LS No. 4R**

EST. GL = 5715

LOCATION: **790' FSL, 925' FWL, SEC 6, T-30N, R-11W, SAN JUAN CO., NM**

EST. KB = 5726

TVD IN	MD	FORMATION TOPS & TYPE	DRILLING PROBLEMS	TYPE OF FORMATION EVALUATION	HOLE SIZE	CASING SIZE DEPTH	FRAC GRAD. psi/ft	FORMATION PRESSURE PSI	MUD WT TYPE	DAYS
0					12-1/4"	9-5/8" 36# K-55 ST&C @ 250'		NORMAL	8.4 - 8.8# SPUD MUD	1
1		OJAM @ 724' KRLD @ 839'	POSSIBLE WATERFLOW		8-3/4"	CIRC CMT			8.4 - 9.0# GEL/WATER	
2		FRLD @ 1784'	POSSIBLE GAS FLOW						MAINTAIN MW AS LOW AS POSSIBLE CONTROL FLUID LOSS PRIOR TO OJAM	
		PCCF @ 2129'	POSSIBLE LOST RETURNS POSSIBLE DIFFERENTIAL STICKING		8-3/4"	7" 23# K-55 LTC @ 2429' (special drift)				3
3					8-1/4"	CIRC CMT			AIR/AIR MIST/GAS	
4		CLFH/MV @ 3825' MENF @ 3906'	PROBABLE LOST RETURNS IF FLUID IN HOLE				0.5	563 PSI		
5		PTLK @ 4447'								
6		GLLP @ 5699'								
7		GRHN @ 6449' GRRS @ 6511' DAKOTA @ 6570'	POSSIBLE WATERFLOW POSSIBLE OVERPRESSUR IN DEEP DAKOTA	CASED HOLE LOGS	6-1/4"	4-1/2" 9.5# K-55 LTC @ 6831' TOC @ 2250'	0.5	715 PSI	AIR/AIR MIST/GAS	8
		T.D. @ 6831'						BHT = 175 deg F		
		NOTE: PERMIT TO 7131'								

DATE 12/01/98 APPROVALS:

3:39 PM

 PREPARED: Ricky Joyce/Ted Kelly  
 DRILLING ENGINEER  
 RES. ENGINEER  
 PROD. ENGINEER

 GEOLOGIST  
 DRILLING MGR.