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
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

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

[1] Operator Name and Address	[2] OGRID Number
ConocoPhillips Company, 4001 Penbrook, Suite 317, Odessa, TX 79642	217817
	[3] API Number 30- 039- 27302

[3] Property Code	[5] Property Name	[6] Well No.
31739	San Juan 28-7 Unit	165F

[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
J	16	27N	7W		2370'	South	1700'	East	Rio Arriba

[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	[10] Proposed Pool 2
Blanco Mesaverde	Basin Dakota

[11] Work Type Code	[12] Well Type Code	[13] Cable/Rotary	[14] Lease Type Code	[15] Ground Level Elevation
N	G	R	S	6612'
[16] Multiple	**[17] Proposed Depth**	**[18] Formation**	**[19] Contractor**	**[20] Spud Date**
Yes	7615'	Mesaverde/Dakota		

[21] Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 ¼"	J-55#, 9 5/8"	36#	200'	92	Surface
8 ¾"	J-55, 7"	20#	3365'	497	Surface
6 ¼"	J-55, 4 ½"	10.5#	7615'	303	TOC @ 3265'

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.

Conoco Inc. is proposing to drill a vertical wellbore to the Basin Dakota formation. The well will be drilled and equipped according to the following attachments:

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

JAN 2003 RECEIVED OIL CONS. DIV. DIST. 3

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

Signature: Vicki Westby

Printed name: Vicki Westby

Title: Sr. Analyst

Date: 01/16/03 Phone: 915/368-1352

OIL CONSERVATION DIVISION

Approved by:

Title: DEPUTY OIL & GAS INSPECTOR, DIST. #3

Approval Date: JAN 21 2003 Expiration Date: JAN 21 2004

Conditions of Approval:

Attached ☐

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-102
Revised February 21, 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

[1] API Number	[2] Pool Code	[3] Pool Name
30-039-27302	72319 / 71599	BLANCO MESAVERDE / BASIN DAKOTA

[4] Property Code	[5] Property Name	[6] Well Number
~~016608~~ 31739	SAN JUAN 28-7 UNIT	165F

[7] OGRID No.	[8] Operator Name	[9] Elevation
005073	CONOCO, INC.	6612'

[10] Surface Location

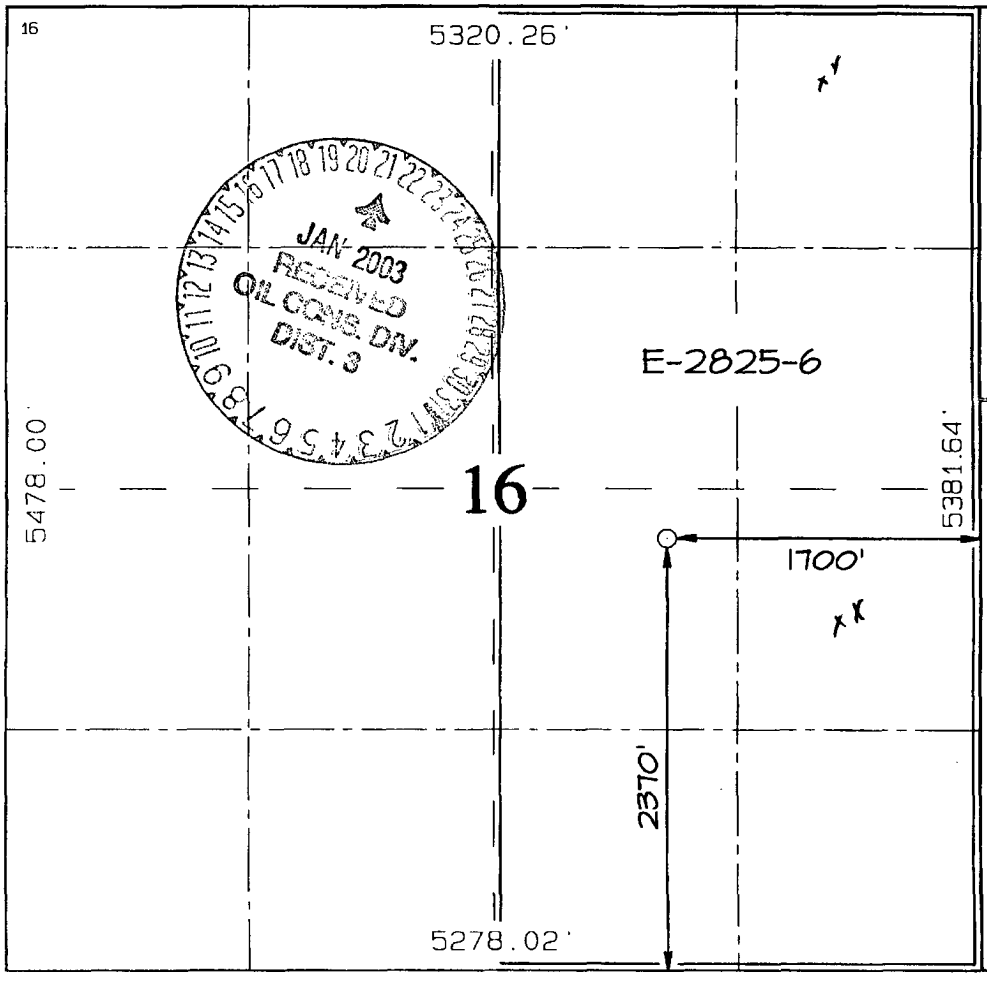
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	16	27N	7W		2370	SOUTH	1700	EAST	RIO ARRIBA

[11] 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

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
320.0 Acres - (E/2)			

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



[17] OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Vicki Westby
Signature

Vicki R. Westby
Printed Name

Sr. Title Analyst
Title

April 2, 2002
Date

[18] SURVEYOR CERTIFICATION

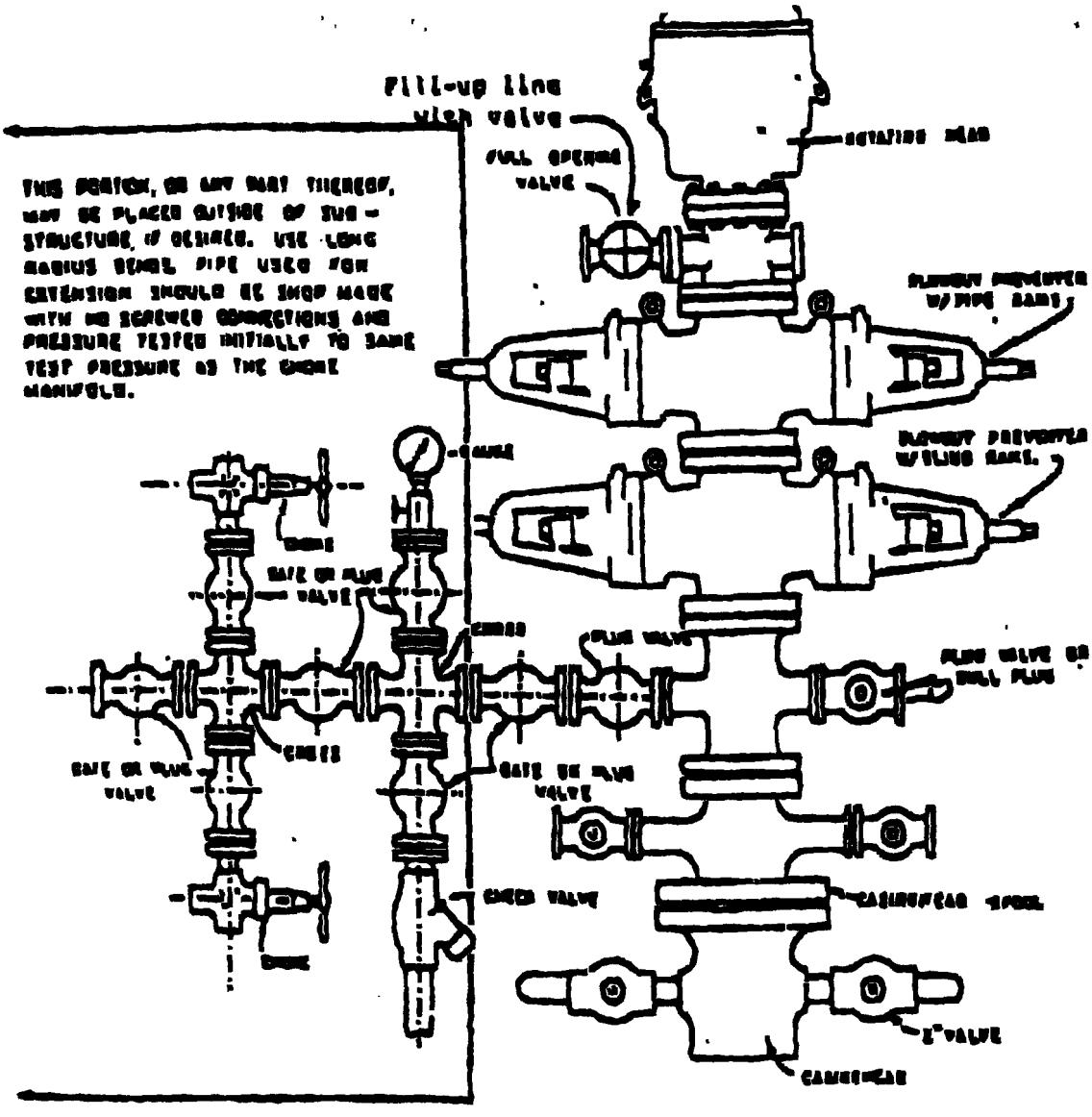
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Survey Date: FEBRUARY 26, 2002

Signature and Seal of Professional Surveyor

JASON C. EDWARDS
NEW MEXICO
15269
REGISTERED PROFESSIONAL SURVEYOR

JASON C. EDWARDS
Certificate Number 15269



THIS PORTION, OR ANY PART THEREOF, MAY BE PLACED OUTSIDE OF SUB-STRUCTURE IF DESIRED. USE LONG RADIUS STEEL PIPE USED FOR EXTENSION SHOULD BE SHOP MADE WITH ALL SCREWED CONNECTIONS AND PRESSURE TESTED INITIALLY TO SAME TEST PRESSURE AS THE CHOKE MANIFOLD.

BLOWOUT PREVENTER HOOKUP

Drilling contractors used in the San Juan Basing supply 3000 psi equipment, but cannot provide annular preventors because of sub-structure limitations. Maximum anticipated surface pressures for this well will not exceed the working pressure of the proposed BOP system. Please see the attached BOP diagram details 2000 psi equipment according to Onshore Order No. 2 even though the equipment will test to 3000 psi. The 2000 psi system allows deletion of the annular preventor and fulfills your requirements (note diagram No. 1). In addition, the following equipment will comprise the 2000 psi system:

1. Two rams with one blind and one pipe ram.
2. Kill line (2 inch maximum).
3. One kill line valve.
4. One choke line valve.
5. Two chokes (reference diagram No. 1).
6. Upper kelly cock valve with handle.
7. Safety valve and subs to fit all drill strings in use.
8. Two-inch minimum choke line.
9. Pressure gauge on choke manifold.
10. Fill-up line above the upper most preventor.
11. Rotating head.

PROJECT PROPOSAL - New Drill / Sidetrack

ConocoPhillips San Juan Business Unit

SAN JUAN 28-7 165F (Not Assigned)

Lease :	AFE # :			AFE $:
Field Name : EAST 28-7	Rig :	State : NM	County : RIO ARRIBA	API # :
Geoscientist : Glaser, Terry J	Phone (281) 293 - 6538	Prod. Engineer Moody, Craig E.		Phone : (281) 293 - 6559
Res. Engineer : Valvatne, Christine K.	Phone	Proj. Field Lead Bergman, Pat W.		Phone : (281) 293 - 6517

Primary Objective (Zones) :

Zone	Zone Name
FRR	BASIN DAKOTA (PRORATED GAS)
RON	BLANCO MESAVERDE (PRORATED GAS)

"Air Drilled"

Location : Surface **Straight Hole**

Latitude : 36.57	Longitude : -107.58	X :	Y :	Section : 16	Abstract: 7W
Footage X : 1700 FEL	Footage Y : 2370 FSL	Elevation: 6612 (FT)	Survey : 27N		

Tolerance

Location Type : Year Round Start Date (Est.) Completion Date : Date In Operation :

Formation Data Assume KB 6625 Units = FT

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	6425	☐			Possible lost circulation. 12 1/4" Hole. 9 5/8", 36 ppf, J-55, STC casing. Circulate cement to surface. Test casing to 500 psi.
OJAM	2260	4365	☐			Possible water flows
KRLD	2410	4215	☐			
FRLD	2815	3810	☐			Possible gas
PCCF	3065	3560	☐			
LEWS	3265	3360	☐			
Intermediate Casing	3365	3260	☐			8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Circulate cement to surface. Test casing to 1500 psi.
CHRA	4020	2605	☐			
CLFH	4775	1850	☐	1300		Gas; possibly wet
MENF	4795	1830	☐			Gas
PTLK	5345	1280	☐			Gas
MNCS	5595	1030	☐			
GLLP	6575	50	☐			Possibly wet
GRHN	7265	-640	☐			Gas possible, highly fractured
TWLS	7360	-735	☐			Gas
CBBO	7495	-870	☐			Gas
Total Depth	7615	-990	☐	3000		4 1/2", 10.5 ppf, J-55, STC casing. Circulate cement a minimum of 100' inside the previous casing string. No open hole logs. Cased hole TDT with GR to surface.

Reference Wells:

	Well Name	Comments
Intermediate:		
Production:		