

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 Conoco Inc., 10 Desta Drive, Suite 608W, Midland, TX 79705		² OGRID Number 005078
³ Property Code 016608	⁵ Property Name San Juan 28-7 Unit	³ API Number 30 - 039 - 26970
		⁶ Well No. 194G

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
0	21	28N	7W		30'	South	2135'	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

Blanco Mesaverde

¹⁰ Proposed Pool 2

Basin Dakota

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 6018'
¹⁶ Multiple Yes	¹⁷ Proposed Depth 7176'	¹⁸ Formation Dakota	¹⁹ Contractor	²⁰ Spud Date 11/22/02

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	J-55#, 9 5/8"	36#	285'	144	Surface
8 3/4"	J-55, 7"	20#	3061'	554	Surface
6 1/4"	J-55, 4 1/2"	10.5#	7176'	371	TOC @ 2961'

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

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: 04/05/02

Phone: 915/686-5799

OIL CONSERVATION DIVISION

Approved by: *[Signature]*

Title: *[Signature]*

Approval Date: APR 12 2002

Expiration Date: APR 12 2002

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

*API Number 30-039-26970		*Pool Code 72319 / 71599	*Pool Name BLANCO MESAVERDE / BASIN DAKOTA
*Property Code 016508	*Property Name SAN JUAN 28-7 UNIT		*Well Number 194G
*OGRID No. 005073	*Operator Name CONOCO, INC.		*Elevation 6018'

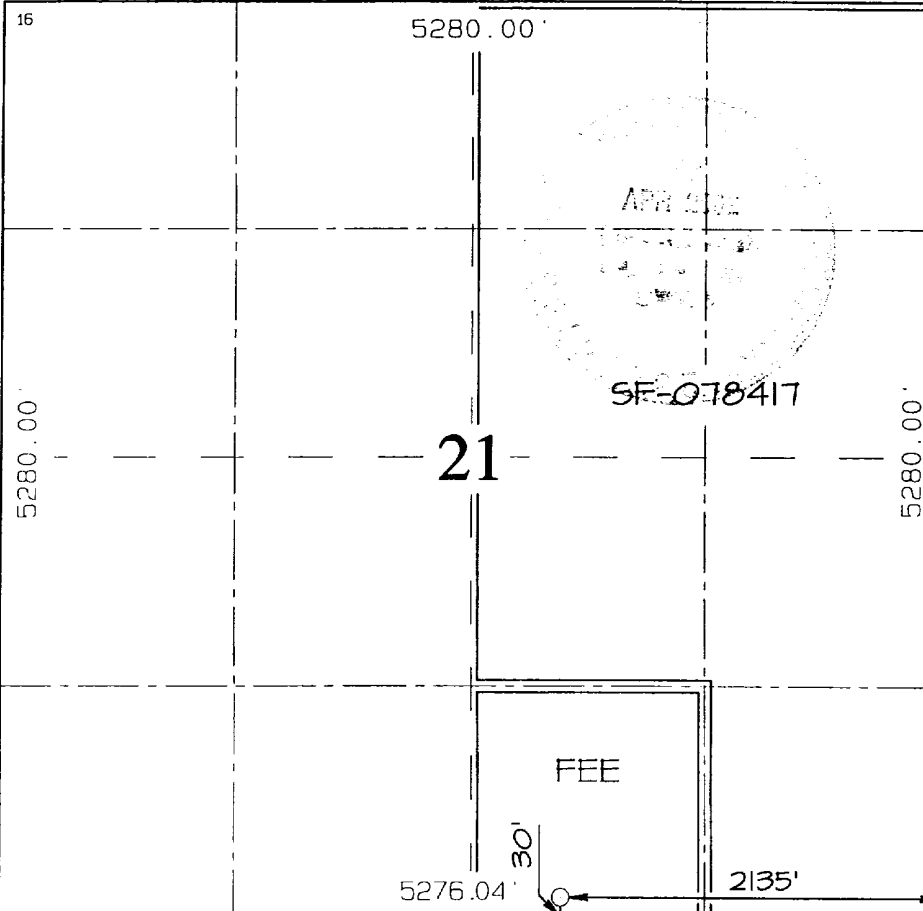
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	21	28N	7W		30	SOUTH	2135	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 320.0 Acres - (E/2)					¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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

¹⁶	5280.00'			¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief <i>Vicki Westby</i> Signature Vicki R. Westby Printed Name Sr. Title Analyst Title <i>March 20, 2002</i> Date
	5280.00'			

PROJECT PROPOSAL - New Drill / Sidetrack



Well : SAN JUAN 28-7 194G	Lease : SAN JUAN 28-7	AFE # :	AFE \$:
Field Name : EAST 28-7	Rig :	State : NM	County : Rio Arriba
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) :

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

"Air Drilled"

Surface Location :

Latitude : 36.639586 Longitude : -107.5765 X : Y : Section : 21 Survey : 28N Abstract : 7W

Footage X : 2135 FEL Footage Y : 30 FSL Elevation: 6018 (FT)

Bottom Hole Location :

Latitude : Longitude : X : Y : Section : Survey : Abstract :

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

Formation Data : Assume KB = 6031 Units = FT

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion	BHP (PSIG)	BHT	Remarks
Surface Casing	285	5746				Severe lost circulation is possible. 9 5/8", 36 ppf, J-55, STC casing. Circulate cement to surface.
OJAM	1811	4220				Possible water flows"
KRLD	1921	4110				
FRLD	2411	3620				Possible gas
PCCF	2661	3370				
LEWS	2861	3170				7", 20 ppf, J-55, STC Casing. Circulate cement to surface.
Intermediate Casing	3061	2970				7", 20 ppf, J-55, STC Casing. Circulate cement to surface.
CHRA	3606	2425				
CLFH	4291	1740		1300		Gas; possibly wet
MENF	4456	1575				Gas
PTLK	4856	1175				Gas
MNCS	5156	875				
GLLP	6111	-80				
GRHN	6826	-795				Gas possible, highly fractured
TWLS	6906	-875				Gas
Total Depth	7176	-1145		3000		4 1/2", 10.5 ppf, J-55, STC casing. Circulate cement a minimum of 100' inside the previous casing string. No open

PROJECT PROPOSAL - New Drill / Sidetrack



hole logs. Cased hole TDT with GR to surface.

Logging Program :

Intermediate Logs : ☐ Log only if show ☐ GR / ILD ☐ Triple Combo

TD Logs : ☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☒ TDT

Additional Information : Logging company to provide a sketch with all lengths, OD's & ID's of all tools prior to running in the hole.

Cased hole TDT with GR to surface.

Comments :

