

State of New Mexico
Energy, Minerals & Natural Resources

Form C-101
Revised March 17, 1999

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. 1st Street, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

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 CONOCOPHILLIPS COMPANY 4001 PENBROOK STREET, ODESSA, TEXAS 79762		² OGRID Number 217817
⁴ Property Code 51065		³ API Number 30- 025-02908
⁵ Property Name VACUUM GB/SA UNIT EAST TRACT 2801		⁶ Well No. 003

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
I	28	17-S	35-E		1980	SOUTH	660	EAST	LEA

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
N	28	17-S	35-E		75	SOUTH	2350	EAST	LEA

⁹ Proposed Pool 1

VACUUM; GRAYBURG-SAN ANDRES

¹⁰ Proposed Pool 2

¹¹ Work Type Code P	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3951' K.B.
¹⁶ Multiple	¹⁷ Proposed Depth 4536' TVD/6855' MD	¹⁸ Formation SAN ANDRES	¹⁹ Contractor POOL WELL SERVICE	²⁰ Spud Date UPON APPROVAL

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
13-3/8"	10-3/4"	40.5#	243'	125	SURF.
9-7/16"	7-5/8"	26.4#	1626'	400	
6-3/4"	5-1/2"	17#	4127'	275	1350'

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.

Drill openhole lateral to 6855' MD/4536' TVD. KOP@4236'. Penetration Point Location: 1980' FSL & 660' FEL. S.28. Lateral will be drilled at an angle through an Upper San Andres interval to encounter targeted porosity. Well path will be drilled in a downward direction after landing the curve through the target interval until TD is reached. The curve landing will be structurally higher than the end of the lateral. Land the curve at 4436' TVD and drill downward to 4448' TVD @ 1100' along the well path (plan view). Then drill downward to 4508' TVD @ 1400' along the well path. Drill downward to 4532' TVD @ 2000' along the well path. Drill downward to 4536' TVD @ 2500' length to end the lateral.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: <i>Larry Leach</i>		Approved by: ORIGINAL SIGNED BY	
Printed name: LARRY LEACH		PAUL F. KAUTZ	
Title: HSE/REGULATORY SUPERVISOR		PETROLEUM ENGINEER	
Date: 01/16/03	Phone: 915/368-1667	Approval Date:	Expiration Date:
		Conditions of Approval:	
		Attached <input type="checkbox"/>	

