

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

State of New Mexico
Energy, Minerals & Natural Resources

Form C-101
Revised March 17, 1999

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 Phillips Petroleum Company 4001 Penbrook Street Odessa, TX 79762		² OGRID Number 017643
⁴ Property Code 9166'	⁵ Property Name VACUUM GB/SA UNIT EAST TRACT 0546	³ API Number 30- 025-03057
		⁶ Well No. 033

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
A	05	18S	35E		660	NORTH	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
C	05	18S	35E		495	NORTH	1980	WEST	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 3964' KB / 3953' GL
¹⁶ Multiple	¹⁷ Proposed Depth 6856' MD/4420' TVD	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
12-1/4"	9-5/8"	36#	1562'	710	1500' (EST.)
8-3/4"	7"	24#	4123'	400	

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.

K.O.P. @ 4107'
EXISTING WELLBORE IS 7" CASING WITH 6-1/4" OPENHOLE.
DRILL A 2500' 6-1/8" OPENHOLE LATERAL TO 6856'.
PENETRATION POINT LOCATION: 659' FNL & 663' FEL, SEC. 5, T-18-S, R-35-E.

From Approval
Underway
Plug-Back

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>L. M. Sanders</i>		Approved by: <i>PAUL F. KAUTZ</i>	
Printed name: L. M. Sanders		Title: PETROLEUM ENGINEER	
Title: Supervisor, Regulation/Proration		Approval Date: MAR 22 2002	Expiration Date:
Date: 3-12-02	Phone: (915) 368-1488	Conditions of Approval: Attached ☐	

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

State of New Mexico
Energy, Minerals & Natural Resources

Form C-102
Revised March 17, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-03057	² Pool Code 62180	³ Pool Name VACUUM GRAYBURG/SAN ANDRES
⁴ Property Code 9166	⁵ Property Name VACUUM GB/SA UNIT EAST TRACT 0546	⁶ Well Number 033
⁷ GRID No. 01743	⁸ Operator Name Phillips Petroleum Company	⁹ Elevation 3953' GL/3964' KB

¹⁰ Surface Location

UL or lot no. A	Section 5	Township 18S	Range 35E	Lot. Idn	Feet from the 660	North/South line NORTH	Feet from the 660	East/West line EAST	County LEA
---------------------------	---------------------	------------------------	---------------------	----------	-----------------------------	----------------------------------	-----------------------------	-------------------------------	----------------------

¹¹ Bottom Hole Location If Different From Surface

UL or lot no. C	Section 5	Township 18S	Range 35E	Lot. Idn	Feet from the 495	North/South line NORTH	Feet from the 1980	East/West line WEST	County LEA
---------------------------	---------------------	------------------------	---------------------	----------	-----------------------------	----------------------------------	------------------------------	-------------------------------	----------------------

¹² Dedicated Acres 120	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 	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature L. M. Sanders Printed Name Supervisor, Regulation/Proration Title 2-27-02 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. Date of Survey Signature and Seal of Professional Surveyer: Certificate Number

R 34 E

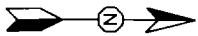
R 35 E

T 17 S

T 18 S

R 34 E

R 35 E



36

25

24

19

30

31

20

29

32

21

28

33

22

27

34

23

26

35

3

2



EAST VACUUM CRAYBURG - SAN ANDRES UNIT
VACUUM CRAYBURG - SAN ANDRES FIELD
LEA COUNTY, NEW MEXICO



TRACT NUMBERS

PRODUCING WELLS

WATER INJECTION WELLS

WATER SUPPLY WELLS

CO₂ WAG INJECTION WELL

UNIT BOUNDARY



PRODUCTION OFFICE

REVISED 12/11/95

0 1000 2000 3000 4000
SCALE (FEET)

ENCAMP - DC (MVC) 0501