

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 S. 1st Street, Artesia, NM 88210-2834
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 Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised October 18, 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

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 3127	³ API Number 30-0 25-34832
		⁶ Well No. 395

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
I	31	17-S	35-E		2630	SOUTH	645	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

⁹ Proposed Pool 1

VACUUM GRAYBURG SAN ANDRES

¹⁰ Proposed Pool 2

¹¹ Work Type Code N	¹² Well Type Code I	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3976'
¹⁶ Multiple N	¹⁷ Proposed Depth 4850'	¹⁸ Formation GRAYBURG/SANANDRES	¹⁹ Contractor TO BE DETERMINED	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
11"	8-5/8"	24#	1550'	550	SURFACE
7-7/8"	5-1/2"	15.5#	4850'	900	SURFACE

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

****BOP SCHEMATIC/DRILLING PROGRAM ATTACHED****

Approval for drilling only -- CANNOT produce until Non-Standard Location is approved in Santa Fe.

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

Signature: *L. M. Sanders*

Printed name: L. M. SANDERS 01/05/00 915/368-1488

Title: SUPV., REGULATION/PRORATION

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY CHRIS WILLIAMS

Title:

DISTRICT I SUPERVISOR

Approval Date:

Expiration Date:

PRELIMINARY DRILLING PROGRAM

MUD PROGRAM			
Depth	Type	Weight	Remarks
1550'	Fresh Water	8.4	Circulate pits or reserves, visc. 28
1550-4700	Brine	10	Circulate reserves, Lime pH 9, visc. 29
4700-4850	Brine	10	Starch for seepage, visc. 31

TUBULAR PROGRAM									
String Type	Hole Size	Depth	Feet	Casing Diameter	Weight	Grade	Connect. Type	ERW/Seamless	Critical Inspectn
Surface	11"	1550'	1550'	8 5/8"	24 #	WC-50	STC	ERW	No
Prod.	7 7/8"	4850'	4850'	5 1/2"	15.5 #	WC-50	LTC	ERW	No
Tubing	Prod.	4750'	4750'	2 7/8"	8.5 #	WC-50	EUE	ERW	No

Note: Pipe to end up in hole from top to bottom as shown.

CEMENT PROGRAM								
String Type	DV Depth	Stage Lead/Tail	Cement Bottom	Cement Top	No Sacks	Cement Type	Cement Yield	Cement Weight
Surface		Lead	1150'	Surface	400	"C"	1.69	13.5
		Tail	1550'	1150'	150	"C"/gel	1.34	14.8
Production		Lead	4550'	Surface	800	35/65po	1.94	12.8
		Tail	4850'	4550'	100	"H"	1.18	15.6

BOP PROGRAM		
Hole Size	Exhibit	Pressure Rating
	See Exhibit C (drill manual)	3M

Remarks: Potential water flows from the Salado at +/- 1700'
Install H2S equipment from 1550' - TD



DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II
P.O. Drawer 80, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd., Artec, NM 87410

DISTRICT IV
P.O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025- <u>34832</u>	Pool Code 62180	Pool Name Vacuum Grayburg San Andres
Property Code 009166	Property Name EVGSAU TRACT 3127	Well Number 395W
OGRID No. 017643	Operator Name PHILLIPS PETROLEUM COMPANY	Elevation 3976

Surface Location

UL or lot No. 1	Section 31	Township 17 S	Range 35 E	Lot Idn	Feet from the 2630	North/South line SOUTH	Feet from the 645	East/West line EAST	County LEA
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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
Dedicated Acres <u>40</u>	Joint or Infill	Consolidation Code	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

LOT 1 37.56 AC.			
LOT 2 37.51 AC.			
LOT 3 37.47 AC.			
LOT 4 37.42 AC.			

Diagram showing well location with dimensions: 2630' (vertical), 645' (horizontal), and 11' (diagonal).

OPERATOR CERTIFICATION

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

L.M. Sanders
Signature
L. M. Sanders
Printed Name
Supv., Regulation/
Title
12/30/99 Proration
Date

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.

NOVEMBER 24, 1997
Date Surveyed JLP
Signature & Seal of Professional Surveyor
Professional Surveyor
P.W.O. Num. 97-11-1735
Certificate No. RONALD EIDSON, 3239
CARA EIDSON, 12841
MCDONALD, 12185

See Amended

ABOVE DATE DOES NOT
INDICATE WHEN
CONFIDENTIAL LOGS
WILL BE RELEASED

ELF 5/18/60

