District I
1625 N French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505

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State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
May 27, 2004

Submit to appropriate District Office

☐ 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 3300 N "A" St, Bldg 6 Midland, TX 79705	217817
	[3] API Number 30-025-26775

[3] Property Code	[5] Property Name	[6] Well No.
~~B-1360-1~~ 31172	East Vacuum GB/SA Unit Tract 2658	001

[9] Proposed Pool 1	[10] Proposed Pool 2
Vacuum; GB/SA	

[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
K	26	17S	35E		2500	South	2500	West	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

Additional Well Information

[11] Work Type Code	[12] Well Type Code	[13] Cable/Rotary	[14] Lease Type Code	[15] Ground Level Elevation
P	O	R	S	3619.9'
[16] Multiple	**[17] Proposed Depth**	**[18] Formation**	**[19] Contractor**	**[20] Spud Date**
No	4800'	San Andres		06/25/1980

Depth to Groundwater	Distance from nearest fresh water well	Distance from nearest surface water

Pit: Liner: Synthetic ☐ ____ mils thick Clay ☐ Pit Volume: ____ bbls Drilling Method:

Closed-Loop System ☐ Fresh Water ☐ Brine ☐ Diesel/Oil-based ☐ Gas/Air ☐

[21] Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC

[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 Out CIBP at 4219', plug off lateral open hole plug between 4270-4277, Drill out CIBP at 4283', Stimulate well and swab test for fluid entry rate and oil Cut. Put on pump.

See attached plans

Permit Expires 2 Years From Approval Date Unless Drilling Underway

Plugback

NSL-1144

[23] I hereby certify that the information given above is true and complete to the best of my knowledge and belief **I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.**

Printed name: Brian D Maiorino

Title: Regulatory Specialist

E-mail Address: brian.d.maiorino@conocophilips.com

Date: 01/18/2011 Phone: (432)688-6913

OIL CONSERVATION DIVISION

Approved by:

Title: PETROLEUM ENGINEER

Approval Date: JUL 29 2011 Expiration Date:

Conditions of Approval Attached ☐

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

State of New Mexico
Energy, Minerals & Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised March 17, 1999

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
30-025-26775	62180	VACUUM; GRAYBURG-SAN ANDRES

[4] Property Code	[5] Property Name	[6] Well Number
9166	VACUUM GB/SA UNIT EAST TRACT 2658	001

[7] OGRID No.	[8] Operator Name	[9] Elevation
017643	PHILLIPS PETROLEUM COMPANY	3929' RKB/3917'GL

[10] Surface Location

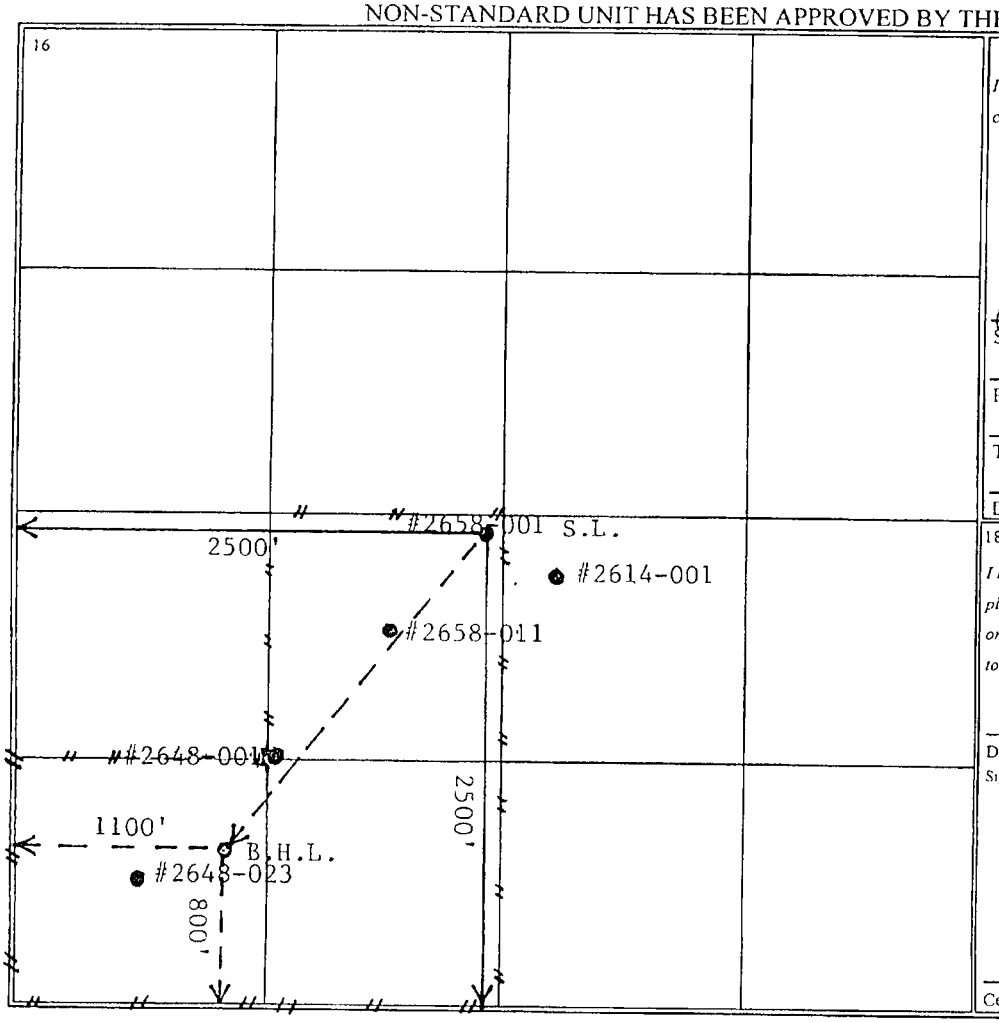
UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	26	17-S	35-E		2500	SOUTH	2500	WEST	LEA

[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
M	26	17-S	35-E		800	SOUTH	1100	WEST	LEA

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No
120			

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

Signature

LARRY LEACH
Printed Name

REGULATORY SUPERVISOR
Title

12/31/02
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.

Jan. 4, 1980
Date of Survey

Signature and Seal of Professional Surveyer

John W. West (#676)
Certificate Number

NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

PHILLIPS PETROLEUM COMPANY	Lease: EVGSA Unit 2658		Well No: 001
K	Section: 26	Township: 17 South	Range: 35 East	County: Lea
Unit Letter			

2500 feet from the west line and 2500 feet from the south line

Ground Level Elev.: 3914.9 (unprepared)	Producing Formation: Grayburg/San Andres	Pool: Vacuum Grayburg/San Andres	Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

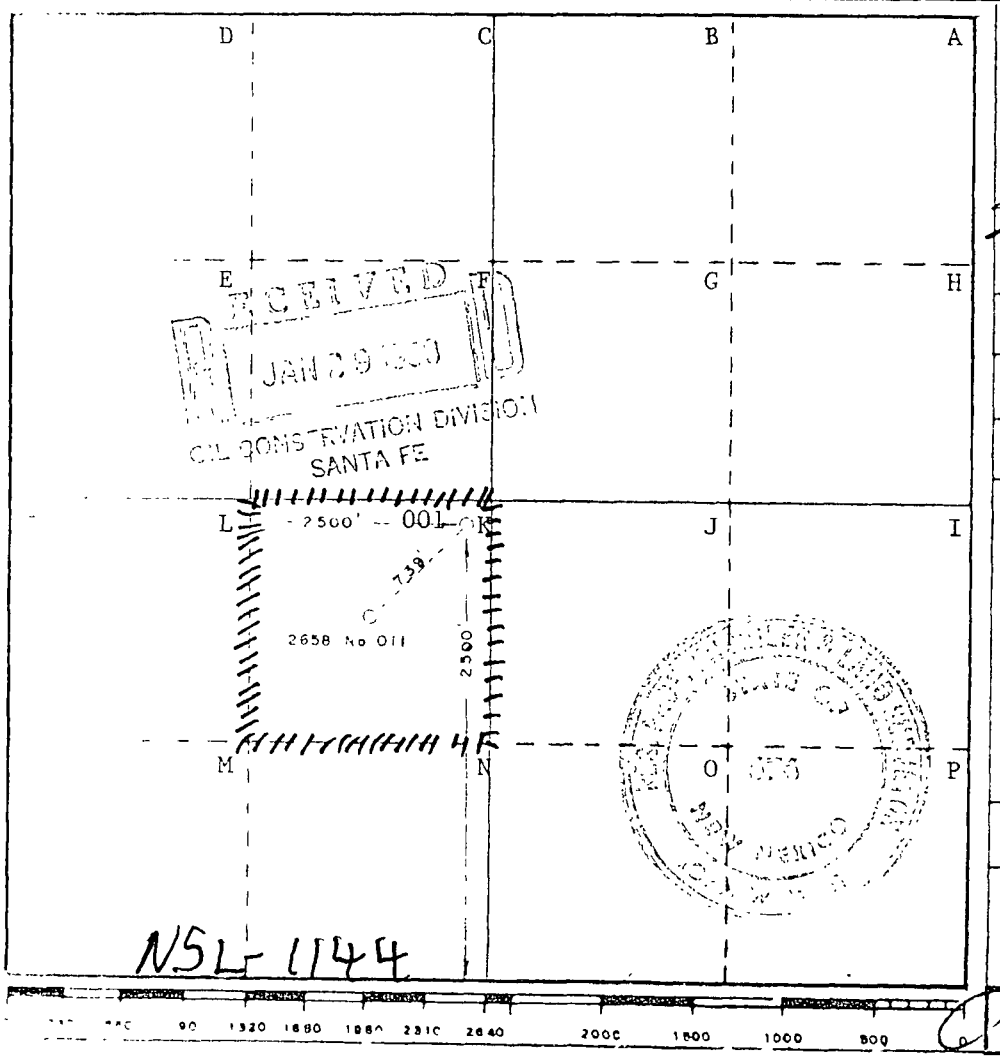
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty)

3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no" list the owners and tract descriptions which have actually been consolidated (Use reverse side of this form if necessary) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

W. J. Mueller

Position: Sr. Engineering Specialist

Company: Phillips Petroleum Company

Date: January 24, 1980

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 knowledge and belief.

Date Surveyed: Jan 4, 1980

Registered Professional Engineer and/or Land Surveyor

Certificate No. JOHN W. WEST 676
PATRICK A. ROMERO 6668
Ronald J. Eidson 3239

OBJECTIVE: Drill out CIBP at 4219', plug off lateral using open hole plug between 4270-4277 (+-), Drill out CIBP at 4283', Stimulate well and swab test for fluid entry rate and oil cut. Put on pump.

WI: 0.4616
AFE./MO Cost: $74M Gross $34.2M Net
Est. Rig Days: 4

WELL DATA:
API: 30-025-26775

Elevation: 3917' KB
PBTD: 4750' KB **TD:** 4800' KB

Well History: Well was drilled in 1980 as an EVGSAU producer. It was then recompleted as part if the 2003 EVGSAU Lateral program and was being pumped with an ESP. Average well test production after the lateral was 5 BOPD, 1314 BWPD and 114 MCFPD. The well was TA'd in June 2003. Average well test before lateral was 19 BOPD, 520 BWPD and 40 MCFPD.

Artificial lift Type: None

Est. Res Pressure: 1700 psi

Bottomhole Temp: 110 F

KOP of Sidetrack: 4270' KB (Casing window +- 4270 – 4277' KB)

Est. Frac Gradient: 0.6 psi/ft

Well Failure Date: 2003

Current Rate (BFPD): 0 Est. Rate Post Remedial (BFPD): 25

Production Engineer: Chibuike Njoku Office: (432) 368 1211 Cell: (713) 382 5402

Production Engineer: Scott Bles Office: (432) 368 1335

MSO: Richard Pacheco Cell (575) - 631 - 7493

Area Foreman: Kenny Kidd Cell - 575 - 631 - 5835

Production Specialist: Steve Slater Cell - 575 - 390 - 1749

Notify Operator (or Supervisor) prior to commencing any work, and after job is completed.
Coordinate any required facility work being done in conjunction with workover.

PROCEDURE:

1. MIRU workover rig and associated equipment (BOP, accumulator, pipe racks, workstring, etc.).

2. Blow well down and top kill. Function test BOP. ND wellhead, NU BOP and test.
   (Test pressure and duration to be determined by Project Lead.)

3. RIH with 6 -1/8" bit, scraper and 2-7/8" workstring to 4280'. Drill out CIBP at 4219' POOH.

4. Set Peak Completions open hole plug in lateral (4270 – 4277 +-). Monitor fluid level to make sure plug is fully restriction flow from the lateral.
   Last average well test of lateral – 5 BOPD, 1314 BWPD 114 MCFPD

   Below is current well configuration.

Casing Detail	**top**	**bottom**	**Note**
9 5/8" 36# K-55	surface	350	circ to surf
7" 23# K-55	surface	4795	circ to surf
Plug Detail			
Bridge Plug	4219	4220	
Bridge Plug	4283	4284	
Plugback Cement	4750	4800	
Perforation Detail			
Section 1	4464	4475	2 spf
Section 2	4479	4483	2 spf
Section 3	4488	4492	2 spf
Section 4	4497	4502	2 spf
Section 5	4505	4512	2 spf
Section 6	4525	4533	2 spf
Section 7	4537	4548	2 spf
Section 8	4555	4570	2 spf
Other Info			
Casing Window	4270	4277	2128' long lateral

5. RIH with 6 -1/8" bit, scraper and 2-7/8" workstring to 4460'. Drill out CIBP #2 at 4283'.

6. RIH with workstring and treating packer. Set packer at 4520'. RU acid pump. Test pump and lines to 3000#. Pump 3000 gal 15% NEFE Acid followed by 75 bbl flush at 2 bpm. Unset packer. POOH

7. RIH with workstring and treating packer. Set Packer at 4460'. Pump 1000 gal 15% NEFE Acid followed by 28 bbl flush at 2 bpm. Release Packer.

8. Release Packer and let swing. RU swab and swab well.
Note: Keep record of how much fluid pumped in to kill well and acidize. When that volume has be swabbed out, being recording test. (Oil cut, fluid entry rate)
(Report swab results to Engineering -Chibuike Njoku (432-368-1211).)

	Duration	Oil Cut (%)	Fluid Entry Rate (bbl/hr)
Swab	1hr		
Swab	2hrs		
Swab	4hrs		

9. RIH with tubing, gas anchor, tubing anchor per wellview design. RIH with rods and pump per rodstar design.
   - Tubing is at EL Farmer's hard in Hobbs. Contact Steve Slater
   - Fiberglass rods from VGEU 22-003. Contact Steve Slater
   - Pumping unit coming from 3333-008.
   -

8. RD swab. POOH laying down workstring and PKR. ND BOP. NU wellhead.

10. RD and move off workover rig.