

**OIL CONSERVATION DIVISION**

**P.O. Box 2088**

**Santa Fe, NM 87504-2088**

☐ **AMENDED REPORT**

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

<sup>1</sup> Operator name and Address <b>Phillips Petroleum Company 4001 Penbrook Street Odessa, TX 797962</b>		<sup>2</sup> OGRID Number <b>017643</b>
		<sup>3</sup> API Number <b>30-025-33415</b>
<sup>4</sup> Property Code <b>017021</b>	<sup>5</sup> Property Name <b>STATE H-35</b>	<sup>6</sup> Well Number <b>017</b>

<sup>7</sup> Surface Location									
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
<b>H</b>	<b>35</b>	<b>17-S</b>	<b>34-E</b>		<b>2020'</b>	<b>NORTH</b>	<b>1310'</b>	<b>EAST</b>	<b>LEA</b>

<sup>8</sup> 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
<sup>9</sup> Proposed Pool 1					<sup>10</sup> Proposed Pool 2				
<b>VACUUM GRAYBURG/SAN ANDRES</b>					<b>VACUUM GRAYBURG/SAN ANDRES</b>				

<sup>11</sup> Work Type Code <b>N</b>	<sup>12</sup> Well Type Code <b>O</b>	<sup>13</sup> Cable/Rotary <b>R</b>	<sup>14</sup> Lease Type Code <b>S</b>	<sup>15</sup> Ground Level Elevation <b>4010' GR</b>
<sup>16</sup> Multiple	<sup>17</sup> Proposed Depth <b>5,000'</b>	<sup>18</sup> Formations <b>GB/SA</b>	<sup>19</sup> Contractor	<sup>20</sup> Spud Date <b>UPON APPROVAL</b>

<sup>21</sup> Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
<b>12-1/4"</b>	<b>8-5/8"</b>	<b>24#, J-55</b>	<b>1600'</b>	<b>600 SXS</b>	<b>SURFACE</b>
<b>7-7/8"</b>	<b>5-1/2"</b>	<b>15.5#, J-55</b>	<b>5,000'</b>	<b>1000 SXS</b>	<b>SURFACE</b>

<sup>22</sup> 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

**USE APPROPRIATE BOP FOR CONTROL  
SEE ATTACHED CASING & CEMENTING PROGRAM  
SEE ATTACHED MUD PROGRAM**

**NOTE: AFTER UNITIZATION THIS WELL WILL BECOME:  
STATE 35 UNIT WELL NO. 11**

**NOTE: UNORTHODOX LOCATION TO COMPLETE AN EFFICIENT PRODUCTION AND INJECTION PATTERN  
WITHIN A SECONDARY RECOVERY PROJECT.**

**Permit Expires 1 Year From Approval  
Date Unless Drilling Underway**

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

Signature: *Larry M. Sanders*

Printed name: **Larry M. Sanders**

Title: **Senior Regulation Analyst**

Date: **05/02/96**

Phone: **(915) 368-1488**

**OIL CONSERVATION DIVISION**

Approved by: **ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT SUPERVISOR**

Title:

Approval Date: **MAY 06 1996** Expiration Date:

Conditions of Approval:

Attached ☐

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

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

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

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

DISTRICT IV  
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-025-33415</b>	Pool Code <b>62180</b>	Pool Name <b>VACUUM GRAYBURG/SAN ANDRES</b>
Property Code <b>017021</b>	Property Name <b>STATE H-35</b>	Well Number <b>017</b>
OGRID No. <b>017643</b>	Operator Name <b>PHILLIPS PETROLEUM CO.</b>	Elevation <b>4010</b>

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	35	17 S	34 E		2020	NORTH	1310	EAST	LEA

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 <b>40 Ac</b>	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

D	C	B	A
E	F	G	H
L	K	J	I
M	N	O	P

Diagram showing well location with dimensions: 2020' (North/South line) and 1310' (East/West line).

**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

Sr. Regulation Analyst  
Title

05/02/96  
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.

APRIL 3, 1996

Date Surveyed \_\_\_\_\_ DMCC

Signature & Seal of Professional Surveyor  
*Ronald J. Eidson*  
RONALD J. EIDSON  
86-11-0415

Certificate No. JOHN W. WEST 676  
RONALD J. EIDSON 3239  
PROFESSIONAL SURVEYOR 12641

DISTRICT I  
P.O. Box 1990, Hobbs, NM 88241-1990

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

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

DISTRICT IV  
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised February 10, 1994  
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Santa Fe, New Mexico 87504-2088

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OGRID No. <b>017643</b>	Operator Name <b>PHILLIPS PETROLEUM CO.</b>	Elevation <b>4010</b>

Surface Location

UL or lot No. <b>H</b>	Section <b>35</b>	Township <b>17 S</b>	Range <b>34 E</b>	Lot Idn	Feet from the <b>2020</b>	North/South line <b>NORTH</b>	Feet from the <b>1310</b>	East/West line <b>EAST</b>	County <b>LEA</b>
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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
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Dedicated Acres <b>40 Ac</b>	Joint or Infill	Consolidation Code	Order No.
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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

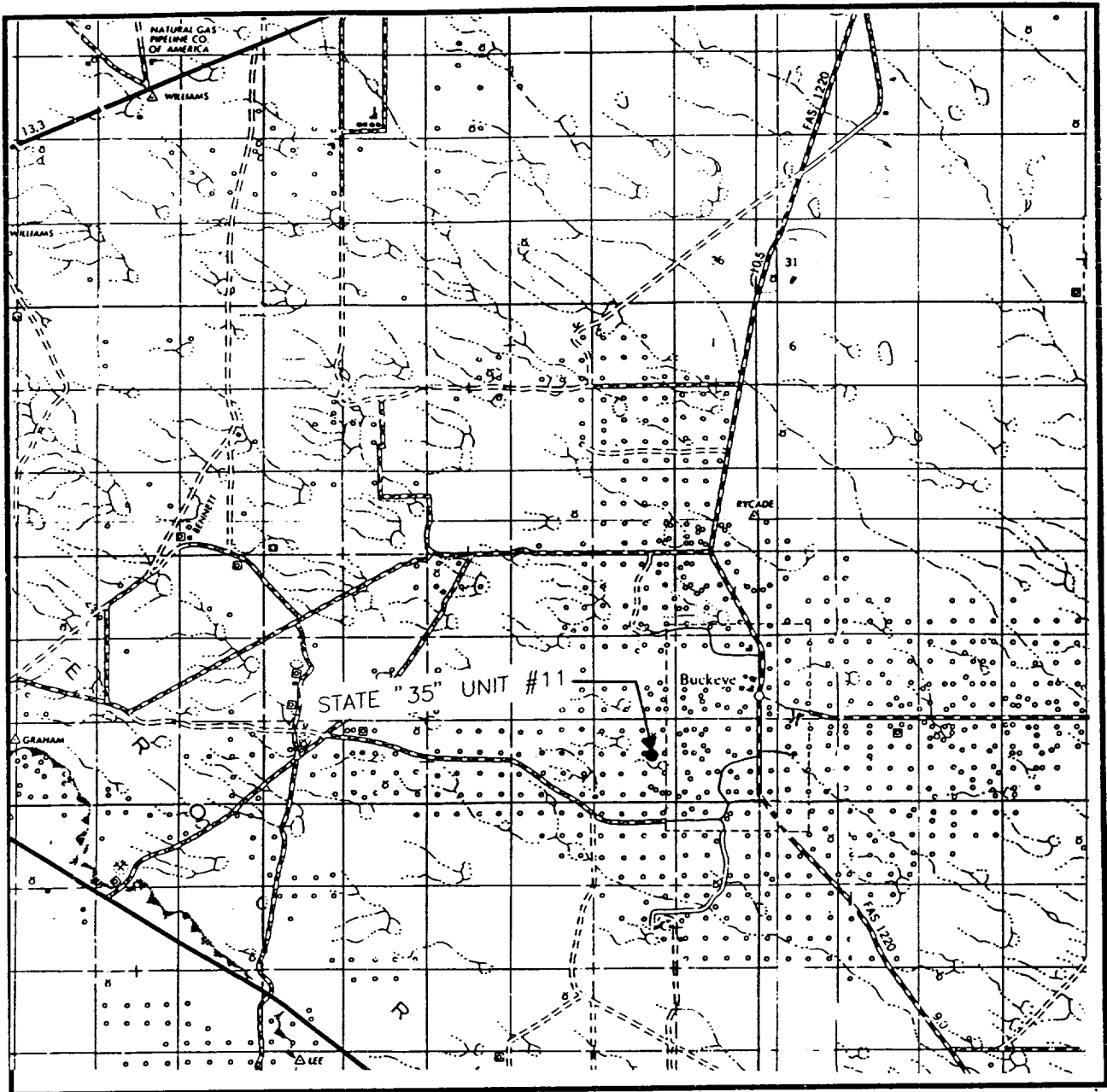
D	C	B	A
E	F	G	H
L	K	J	I
M	N	O	P

ST. H 35 #14  
ST. H 35 #1  
ST. H 35 #5  
682.7'  
615.0'  
669.3'  
638.8'  
M.E. FALE  
CO-OP WI #16

**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  
**Sr. Regulation Analyst**  
Title  
**05/02/96**  
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.  
**APRIL 3, 1996**  
Date Surveyed  
DMCC  
Signature & Seal of Professional Surveyor  
*Ronald G. Edson*  
96-11-0410  
Certificate No. **JOHN W. WEST 676**  
**RONALD G. EDSON 3239**  
**CARL DODSON 12641**

# LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:  
BUCKEYE - 5'

SEC. 35 TWP. 17-S RGE. 34-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 2020' FNL & 1310' FEL

ELEVATION 4010

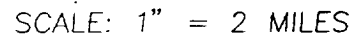
OPERATOR PHILLIPS PETROLEUM CO.

LEASE STATE "35" UNIT

U.S.G.S. TOPOGRAPHIC MAP

BUCKEYE, N.M.

**JOHN WEST ENGINEERING**  
**HOBBS, NEW MEXICO**  
**(505) 393-3117**



LEASE STATE "35" UNIT

**JOHN WEST ENGINEERING  
HOBBS, NEW MEXICO  
(505) 393-3117**

## CASING & CEMENTING PROGRAM

### STATE H-35 WELL NO. 17

#### 8 5/8" 24 lb/ft J-55 Surface Casing Set at 1600' - 12 1/4" Hole:

Lead: 450 sx Class "C" + 4% Gel + 2% CaCl<sub>2</sub>.  
Desired TOC = Surface.

Slurry Weight:	13.5 ppg
Slurry Yield:	1.72 ft <sup>3</sup> /sx
Water Requirement:	9.06 gals/sx

Tail: 150 sx Class "C" + 2% CaCl<sub>2</sub>.  
Desired TOC = 1300'.

Slurry Weight:	14.8 ppg
Slurry Yield:	1.32 ft <sup>3</sup> /sx
Water Requirement:	6.3 gals/sx

#### 5 1/2" 15.5 lb/ft J-55 Production Casing Set at 5000' - 7 7/8" Hole:

Lead: 750 sx Class "C" + Econolite + 3% Salt.  
Desired TOC = Surface.

Slurry Weight:	11.80 ppg
Slurry Yield:	2.60 ft <sup>3</sup> /sx
Water Requirement:	15.60 gals/sx

Tail: 250 sx Class "C" + 50 lbs Pozmix + 7% CalSeal + 3% Salt +  
0.5% Diacel FL + 0.5% CFR-3 + 0.5% Econolite.

Desired TOC = 4000'.

Slurry Weight:	15.00 ppg
Slurry Yield:	1.16 ft <sup>3</sup> /sx
Water Requirement:	4.77 gals/sx

**Attachment II****MUD PROGRAM**

**STATE H-35 WELL NOS. ( 16, 17)**  
**HALE, M.E. WELL NOS. ( 24, 25, 26, 27)**

DEPTH	MUD WEIGHT	VISCOSITY	FLUID LOSS	CL PPM	% SOLIDS	ADDITIVES
Surf. - 1600'	8.3 - 9.0 ppg	28 - 36 sec/1000 cc	N/C	-	-	Native Solids
1600' - 4000'	10.0 ppg	28 - 32 sec/1000 cc	N/C	Saturated	-	Native Solids
4000' - TD	10.0 - 10.2 ppg	32 - 36 sec/1000 cc	20 cc	Saturated	-	Starch/Drispac+

The Mud Engineer shall include on each test report the materials used for the previous 24 hour period. Daily fax the test reports to (915) 368-1507 Attn: J.C. Shoumaker / L.E. Robinson.

Send two copies of the Well Recap (Final Cost & Engineering Summaries) to Phillips Petroleum Company , Attn: J.C. Shoumaker / L.E. Robinson, 4001 Penbrook, Odessa, Texas 79762