

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, NM 87504-2088

District I
PO Box 1988, Hobbs, NM 88241-1988
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Bravos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

☐ 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 797962		² OGRID Number 017643
		³ API Number 30-025-33417
⁴ Property Code 009099	⁵ Property Name HALE, M. E.	⁶ Well Number 025

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
P	35	17-S	34-E		1170'	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
⁹ Proposed Pool 1					¹⁰ Proposed Pool 2				
VACUUM GRAYBURG/SAN ANDRES					VACUUM GRAYBURG/SAN ANDRES				

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 4008' GL
¹⁶ Multiple	¹⁷ Proposed Depth 5,000'	¹⁸ Formations GB/SA	¹⁹ Contractor	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"	8-5/8"	24#, J-55	1,600'	600 SXS	SURFACE
7-7/8"	5-1/2"	15.5#, J-55	5,000'	1000 SXS	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

USE APPROPRIATE BOP FOR CONTROL
SEE ATTACHED CASING AND CEMENTING PROGRAM
SEE ATTACHED MUD PROGRAM

NOTE: AFTER UNITIZATION THIS WELL WILL BECOME:
STATE 35 UNIT WELL NO. 28.

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

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

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 M. Sanders</i>		Approved by: ORIGINAL SIGNATURE OF LARRY SEXTON	
Printed name: Larry M. Sanders		Title: BOILER ROOM SUPERVISOR	
Title: Senior Regulation Analyst		Approval Date: MAY 06 1996	Expiration Date:
Date: 05/02/96	Phone: (915) 368-1488	Conditions of Approval: Attached <input type="checkbox"/>	

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., Artec, 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 30-025-33417	Pool Code 62180	Pool Name VACUUM GRAYBURG/SAN ANDRES
Property Code 009099	Property Name HALE, M. E.	Well Number 025
OGRID No. 017643	Operator Name PHILLIPS PETROLEUM CO.	Elevation 4008


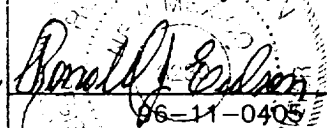
Surface Location

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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 40 Ac.	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	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.  Signature L. M. Sanders Printed Name Sr. Regulation Analyst Title 05/02/96 Date	
E	F	G	H		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 Signature & Seal of Professional Surveyor  4-05-96 96-11-0405
L	K	J	I		Certificate No. JOHN W. WEST 676 RONALD F. EIDSON 3239 GARY EIDSON 12641
M	N	O	P		

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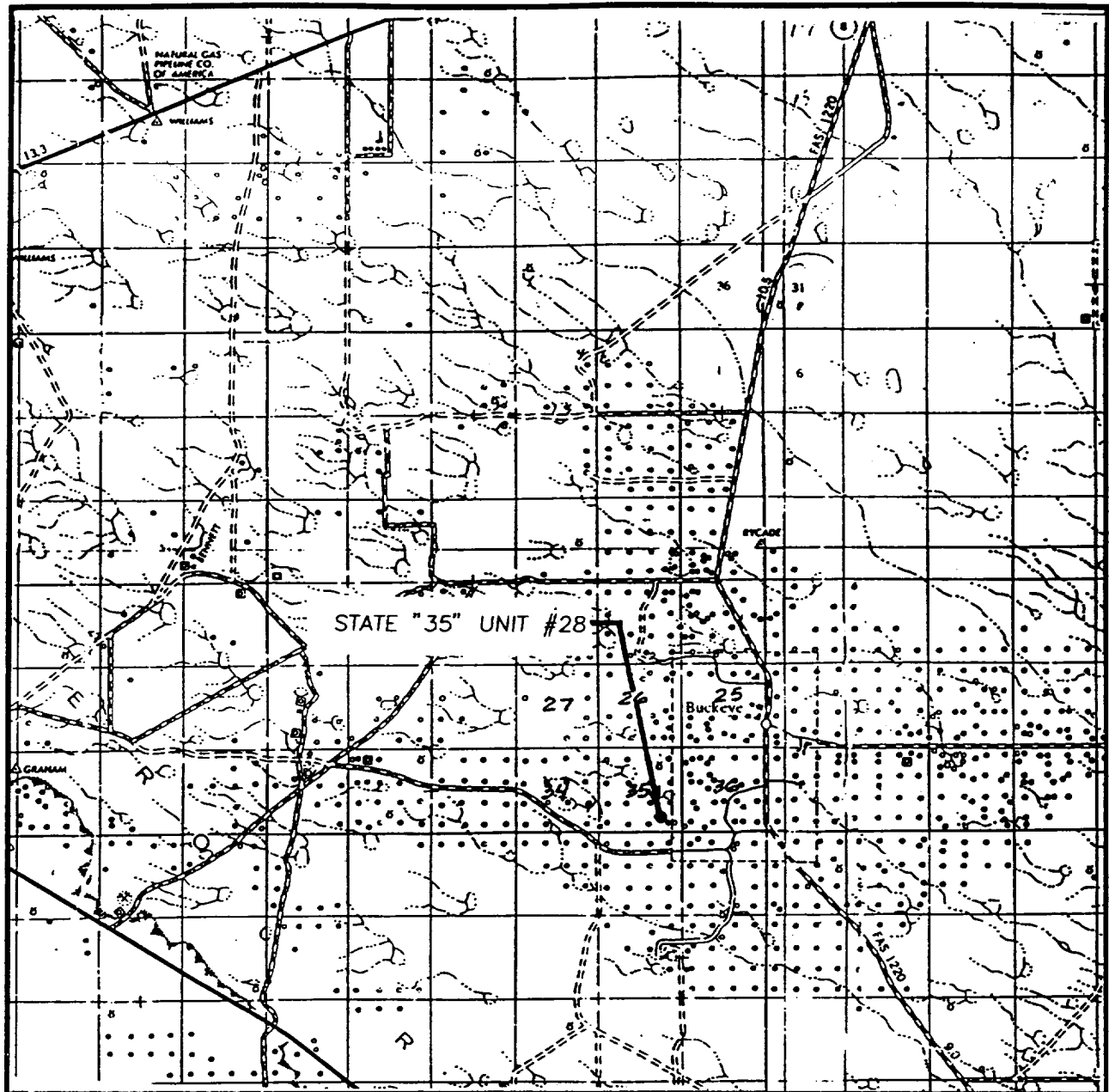
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L	K	J	I	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. <div style="text-align: right; margin-bottom: 10px;"> APRIL 3, 1996 Date Surveyed </div> <div style="text-align: right; margin-bottom: 10px;"> Signature & Seal of Professional Surveyor <div style="text-align: right; margin-bottom: 10px;"> Signature & Seal of Professional Surveyor </div> <div style="text-align: right;"> 4-05-96 86-11-0495 </div> </div>
M	N			

Certificate No. JOHN W. WEST RONALD E. EIDSON CARY EIDSON	676 3239 12641
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VICINITY MAP



SCALE: 1" = 2 MILES

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

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1170' FSL & 660' FEL

ELEVATION 4008

OPERATOR PHILLIPS PETROLEUM CO.

LEASE STATE "35" UNIT

**JOHN WEST ENGINEERING
HOBBS, NEW MEXICO**

(505) 393-3117



CONTOUR INTERVAL:
BUCKEYE - 5'

BUCKEYE, N.M.

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

CASING & CEMENTING PROGRAM

HALE, M.E. WELL NO. 25

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% CaCl₂.
Desired TOC = Surface.

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

Tail: 150 sx Class "C" + 2% CaCl₂.
Desired TOC = 1300'.

Slurry Weight:	14.8 ppg
Slurry Yield:	1.32 ft ³ /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 ³ /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 ³ /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