

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-101
Revised February 10, 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		¹ OGRID Number 017643
⁴ Property Code 009166	⁵ Property Name East Vacuum Gb/SA	³ API Number 30-025-32665 ⁶ Well No. 387

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
L	33	17-S	35-E		1440	South	508	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
L	33	17-S	35-E		1440	South	508	West	Lea

⁹ Proposed Pool 1 Vacuum Gb/SA	¹⁰ Proposed Pool 2 Vacuum Gb/SA
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¹¹ Work Type Code N	¹² Well Type Code I	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3951'
¹⁶ Multiple No	¹⁷ Proposed Depth 4850'	¹⁸ Formation San Andres	¹⁹ Contractor NA	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#	1625'	600 Sx C	1300'
7-7/8"	5-1/2"	15.5#	4850'	950 Sx	4000'

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.

See attached blow out preventer schematic

NSL-3425

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>L. M. Sanders</i>		OIL CONSERVATION DIVISION	
Printed name: L. M. Sanders		Approved by: <i>ORIGINAL SIGNED BY JERRY SEXTON</i> DISTRICT SUPERVISOR	
Title: Supervisor, Regulatory Affairs		Title:	
Date: 8/23/94		Approval Date: SEP 13 1994	Expiration Date:
Phone: 915/368-1488		Conditions of Approval: Attached ☐	

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OFFICE

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
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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 3D-D25-32665	Pool Code 62180	Pool Name Vacuum Grayburg/San Andres
Property Code 009166	Property Name EAST VACUUM Gb/SA UNIT	Well Number 387
OGRID No. 017643	Operator Name PHILLIPS PETROLEUM COMPANY	Elevation 3951'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	33	17 S	35 E		1440	SOUTH	508	WEST	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
L	33	17 S	35 E		1440	South	508	West	Lea

Dedicated Acres 40	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

508'

1440'

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., Reg. Affairs
Title
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.

JUNE 21 1994
Date Surveyed
Signature & Seal of Professional Surveyor
Paul Jones
REC-7977
W.O. Num. 94-11-1051
Certificate No. JOHN W. WEST, 676
RONALD J. EIDSON, 3239
GARY L. JONES, 7977

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**JOHN F. BUREAU
OFFICE**

CASING & CEMENTING PROGRAM

EVGSAU 3374-387

8 5/8" 24 lb/ft J-55 Surface Casing Set at 1625' - 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 4850' - 7 7/8" Hole:

Lead: 700 sx Class "C" 65/35 Poz + 6% Gel + 3% Salt.
Desired TOC = Surface.

Slurry Weight:	12.8 ppg
Slurry Yield:	1.85 ft ³ /sx
Water Requirement:	9.9 gals/sx

Tail: 250 sx Class "C" 50/50 Poz + Fluid Loss + 1.5% CaCl₂.
Desired TOC = 4000'.

Slurry Weight:	14.6 ppg
Slurry Yield:	1.15 ft ³ /sx
Water Requirement:	5.0 gals/sx

MUD PROGRAM

EVGSAU 3374-387

DEPTH	MUD WEIGHT	VISCOSITY	FLUID LOSS	CL PPM	% SOLIDS	ADDITIVES
Surf - 1625'	8.3-9.0 ppg	28-36 sec/1000 cc	-	-	-	Native Solids
1625' - 4000'	10.0 ppg	28-32 sec/1000 cc	-	Saturated	-	Native Solids
4000' - 4850'	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 hr. period. Daily fax the test reports to (915) 368-1556 Attn: R. L. Becker.

Send two copies of the Well Recap (Final Cost & Engineering Summaries) to Phillips Petroleum Company, R. L. Becker, 4001 Penbrook, Odessa, Texas, 79762.

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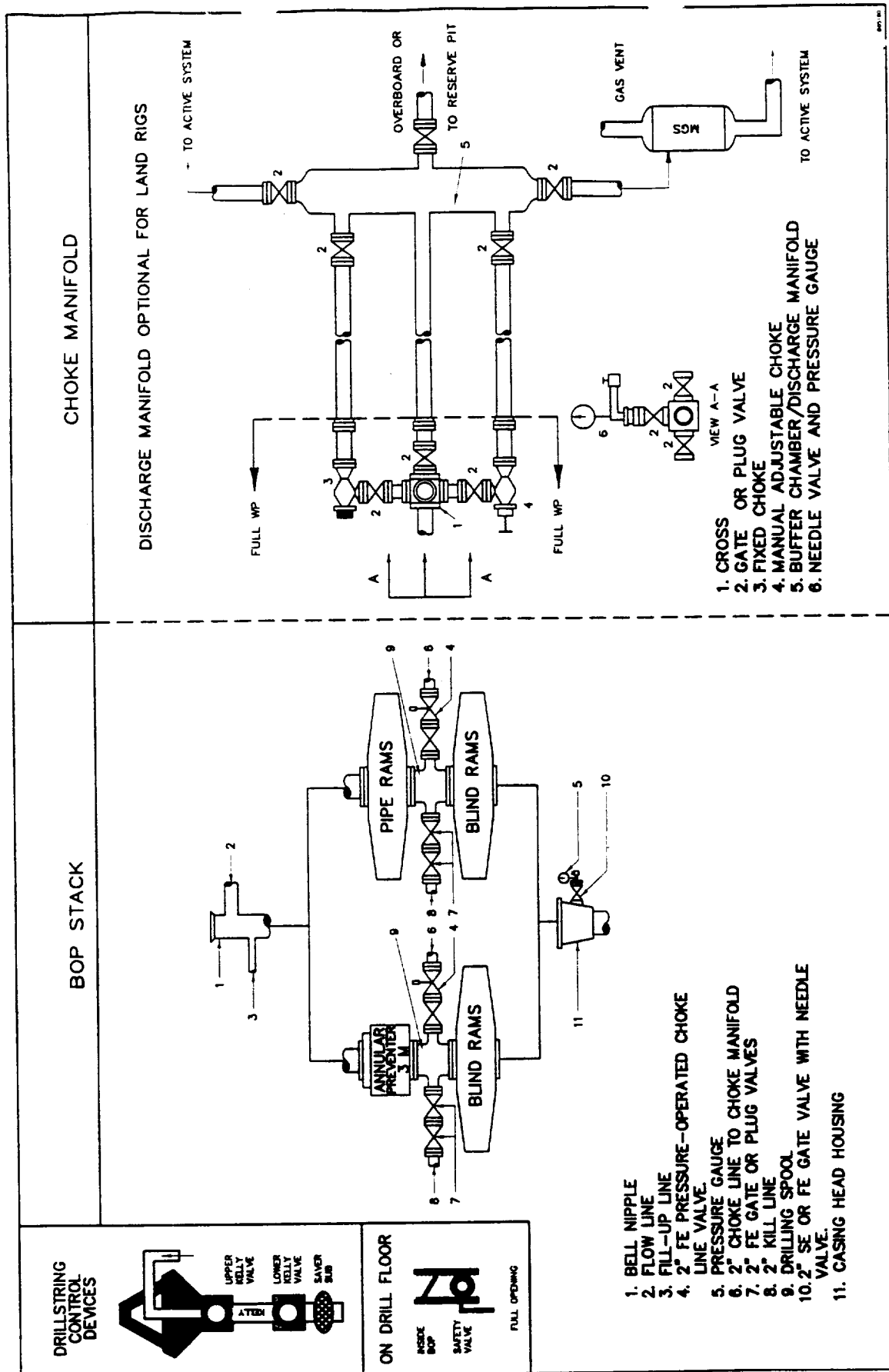


Fig. 2.4. Class 2 BOP and Choke Manifold.

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**JOHN HENRY
OFFICE**