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State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

OIL CONSERVATION DIVISION

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

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

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

API NO. (assigned by OCD on New Wells) <u>3D-025-32060</u>
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. B-2273-2
7. Lease Name or Unit Agreement Name East Vacuum Gb/SA Unit
8. Well No. 011 Tract 3456
9. Pool name or Wildcat 011 <u>VAC EB/SA</u>

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK					
1a. Type of Work: DRILL ☒ RE-ENTER ☐ DEEPEN ☐ PLUG BACK ☐					
b. Type of Well: OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐					
2. Name of Operator Phillips Petroleum Company			8. Well No. 011 Tract 3456		
3. Address of Operator 4001 Penbrook Street, Odessa, Texas 79762			9. Pool name or Wildcat 011 <u>VAC EB/SA</u>		
4. Well Location Unit Letter <u>E</u> : <u>1340</u> Feet From The <u>North</u> Line and <u>712</u> Feet From The <u>West</u> Line Section <u>34</u> Township <u>17-S</u> Range <u>35-E</u> NMPM <u>Lea</u> County					
10. Proposed Depth 4900'		11. Formation San Andres		12. Rotary or C.T. Rotary	
13. Elevations (Show whether DF, RT, GR, etc.) 3935.9' GL		14. Kind & Status Plug. Bond Blanket		15. Drilling Contractor NA	
16. Approx. Date Work will start Upon Approval					
17. PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	8-5/8"	24#	1610'	1000 sx. "C"	Surface
7-7/8"	5-1/2"	15.5#	4900'	400 sx. "C"	Surface
			Tail w/	300 sx. "C"	4000'

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

SIGNATURE Jerry Sexton TITLE Supv. Regulatory Affairs DATE 06-23-93
TYPE OR PRINT NAME J. M. Sanders (915) TELEPHONE NO. 368-1488

(This space for State Use) ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

JUL 20 1993

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

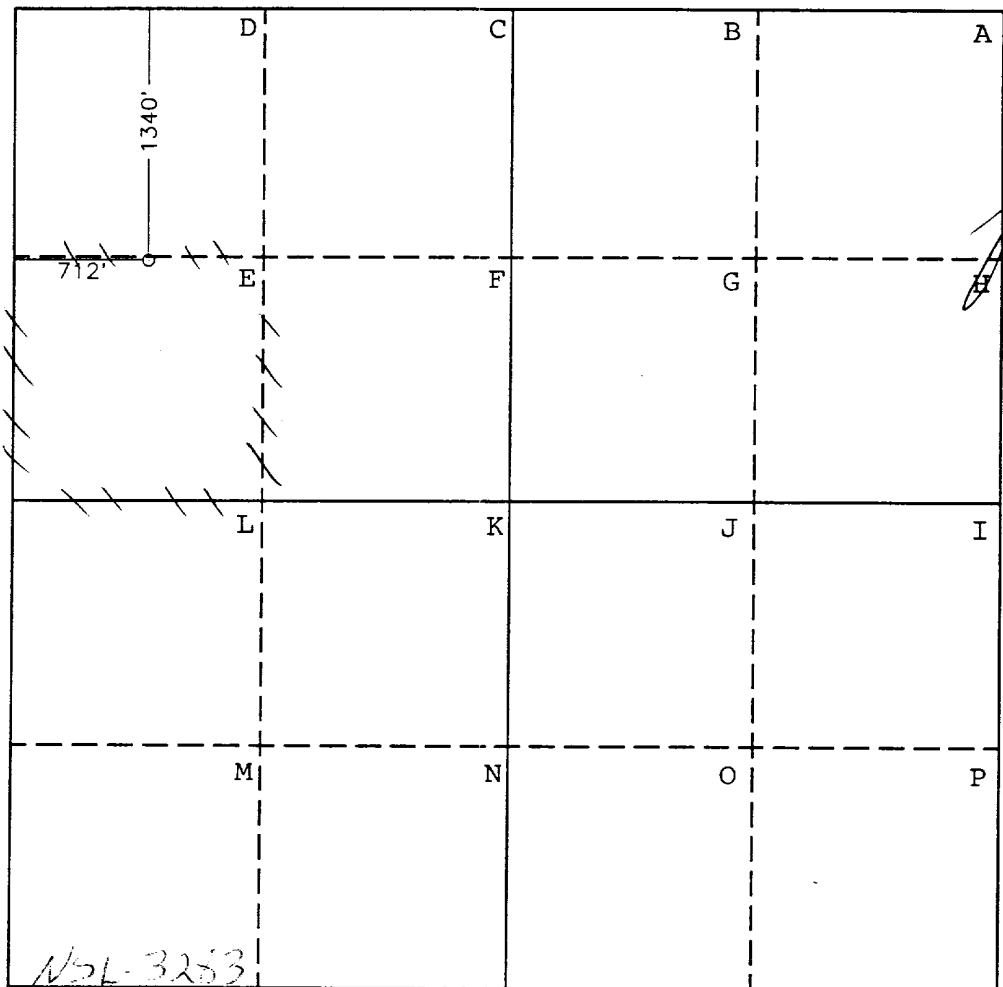
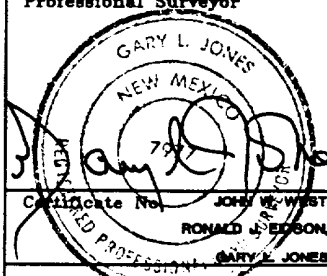
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DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator PHILLIPS PETROLEUM COMPANY			Lease EAST VACUUM Gb/SA 3456		Well No. 011
Unit Letter E	Section 34	Township 17 SOUTH	Range 35 EAST NMPM		County LEA
Actual Footage Location of Well: 1340 feet from the NORTH line and 712 feet from the WEST line					
Ground Level Elev. 3935.9		Producing Formation San Andres		Pool Vacuum Gb/SA	Dedicated Acreage: 40 Acres
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 interest 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 of owners and tract descriptions which have actually been consolidated. (Use reverse side of this form necessary. _____) No allowable will be assigned to the well unit all interests have been consolidated (by communitization, unitization, forced-pooling, otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.					
 NSL-3253					OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature _____ Printed Name L. M. Sanders Position Supv., Reg. Affairs Company Phillips Petroleum Co. Date June 23, 1993
					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 knowledge and belief. Date Surveyed MAY 3, 1993 Signature & Seal of Professional Surveyor  Certificate No. JOHN W. WEST, 678 RONALD J. EIDSON, 8299 GARY L. JONES, 7977

PROPOSED CASING & CEMENTING PROGRAM

EVGSAU 3456-011

8 5/8" 24 lb/ft J-55 Surface Casing Set at 1610' - 12 1/4" Hole:

Circulate to surface with 1000 sx of Class "C" + 2% CaCl_2 .

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 4900' - 7 7/8" Hole:

Lead: 400 sx Class "C" + 20% Diacel D + 3% Salt. Desired TOC = Surface.

Slurry Weight:	12.0 ppg
Slurry Yield:	2.79 ft ³ /sx
Water Requirement:	16.1 gals/sx

Tail: 300 sx Class "C" Neat. Desired TOC = 4000'.

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

PROPOSED MUD PROGRAM

EVGSAU 3456-011

DEPTH	MUD WEIGHT	VISCOSITY	FLUID LOSS	CL PPM	% SOLIDS	ADDITIVES
Surf - 1610'	8.3-9.0 ppg	28-36 sec/1000 cc	-	-	-	Native Solids
1610' - 4000'	10.0 ppg	28-32 sec/1000 cc	-	Saturated	-	Native Solids
4000' - 4900'	10.0-10.2 ppg	32-38 sec/1000 cc	20 cc or less	Saturated	-	Starch/Drispac+

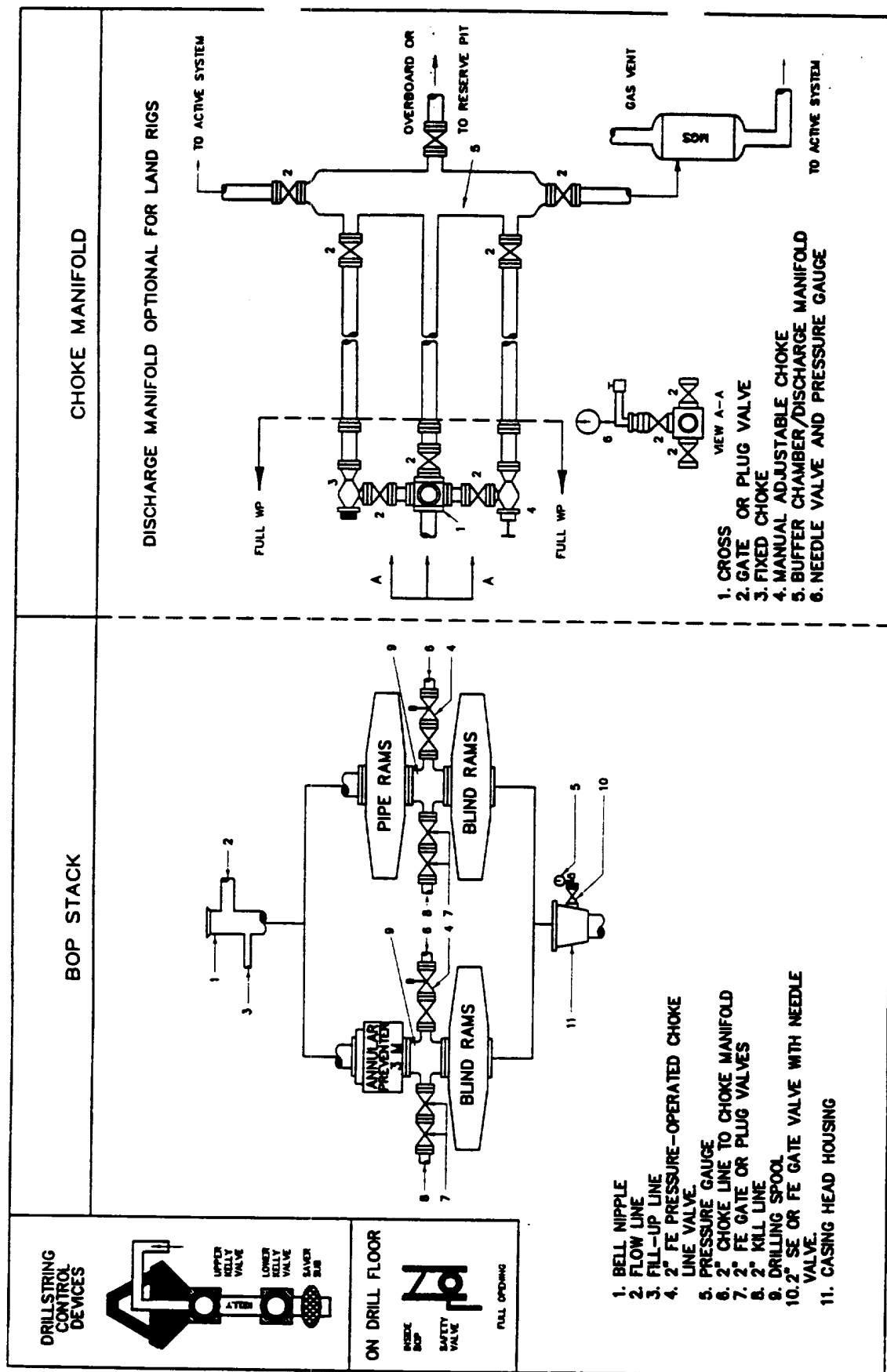
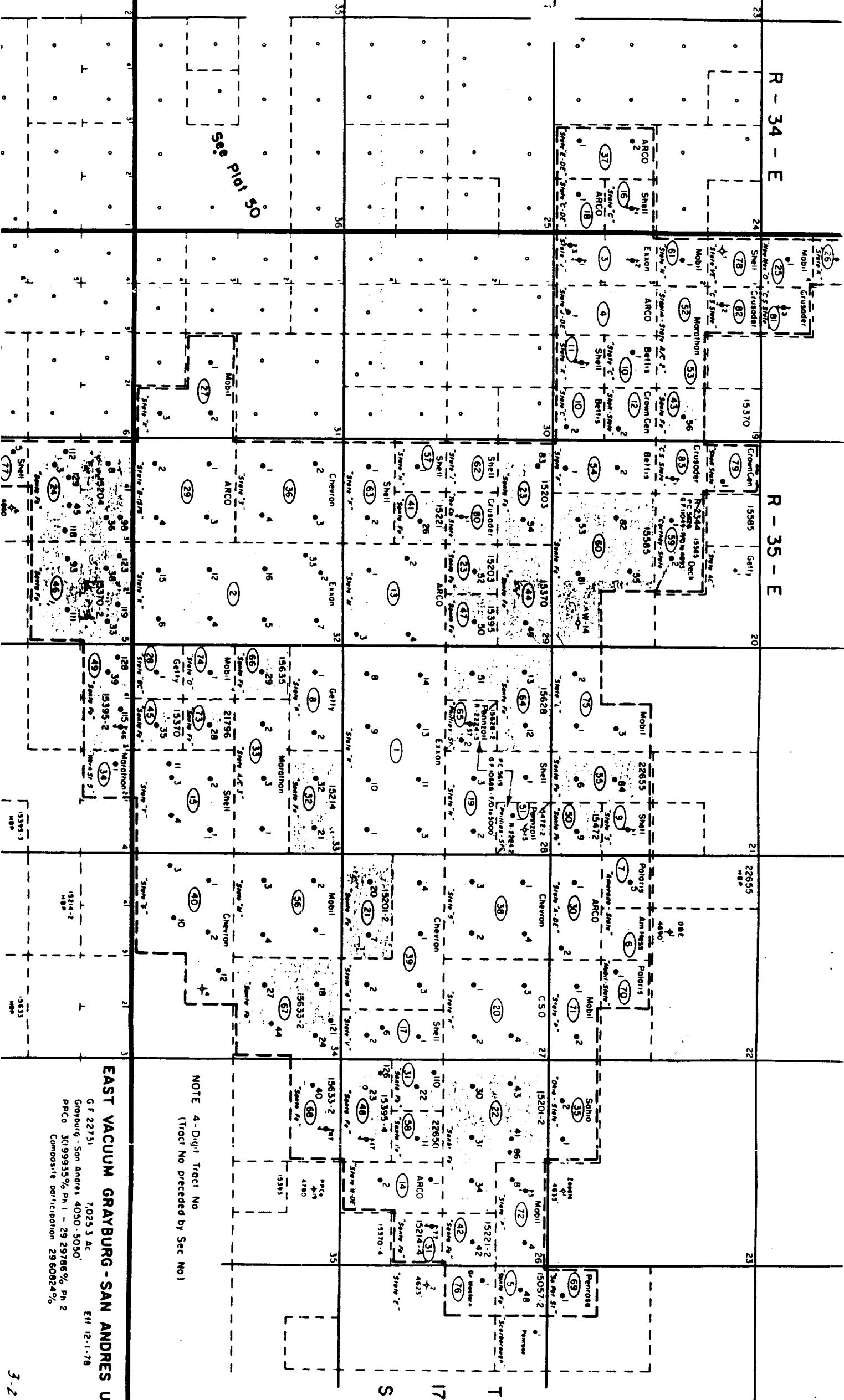


Fig. 2.4. Class 2 BOP and Choke Manifold.

R - 34 - E

R - 35 - E





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