

District I
PO Box 1988, Hobbs, NM 88241-1988
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1800 Rio Grande Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
ge, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
P.O. 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 79792		² OGRID Number 017643
⁴ Property Code 009166	⁵ Property Name EAST VACUUM GB/SA UNIT	³ API Number 30-025-32736
		⁶ Well Number 388

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
M	27	17 S	35 E		349	SOUTH	414	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
M	27	17 S	35 E		205	SOUTH	255	WEST	LEA

⁹ Proposed Pool 1

VACUUM GRAYBURG/SAN ANDRES

¹⁰ Proposed Pool 2

VACUUM GRAYBURG/SAN ANDRES

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary ROTARY	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3937' GR UNPREPARED
¹⁶ Multiple NO	¹⁷ Proposed Depth 4700'	¹⁸ Formations 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'	750 SXS C	SURFACE
7-7/8"	5-1/2"	15.5#	4700'	850 SXS C	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.

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> Printed name: L. M. SANDERS Title: SUPERVISOR, REG. AFFAIRS Date: 11/18/94		OIL CONSERVATION DIVISION Approved by: QUINN AS SIGNED BY JERRY SEXTON Title: DISTRICT I SUPERVISOR Approval Date: JAN 25 1995 Expiration Date: Conditions of Approval: Attached ☐	
Phone: 915/368-1488			

CASING & CEMENTING PROGRAM

EVGSAU - 388

Well 388 kickoff point is approx. 3000' build to 11-1/2 deg. and hold.

8 5/8" 24 lb/ft k-55 Surface Casing Set at 1625' - 12 1/4" Hole:

Lead to surface with 600 sx 75/25 Class "C" Pozmix + 4% gel + 2% CaCl₂

Slurry Weight:	13.5 ppg
Slurry Yield:	1.58 ft ³ /sx
Water Requirement:	7.99 gals/sx

Tail with 150 sx of Class "C" + 2% CaCl₂.

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 4700' - 7 7/8" Hole:

Lead: 500 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: 350 sx Class "C" 50/50 Poz + 0.5% Halad-9 + 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 -388

DEPTH	MUD WEIGHT	VISCOSITY	FLUID LOSS	CL PPM	SOLIDS	ADDITIVES
Surf - 1625'	8.3 - 9.0 ppg	28 - 36 sec/1000cc	-	Fresh Water	-	FW Gel + Lime for spud mud.
1625' - 4700'	10.0 ppg	28 - 32 sec/1000cc	-	Saturated	-	Native Solids + Paper Sweeps before reaching pay zone. Circulate hole at TD prior to logging.

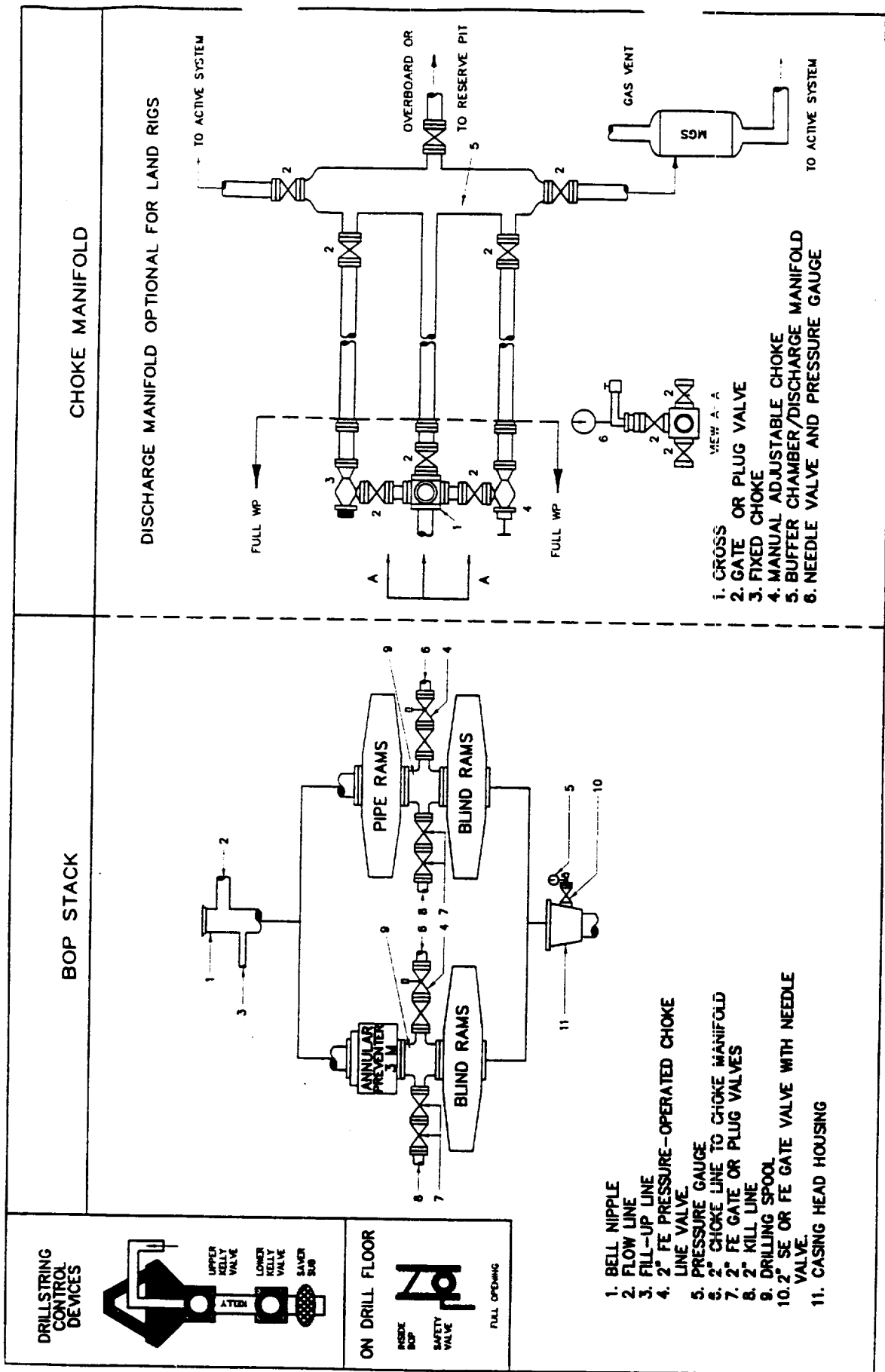


Fig. 2.4. Class 2 BOP and Choke Manifold.