30-025-30395

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION
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SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

5a. Indicate Type of Lease
State [X] Fee [ ]

API NO. 30-025-

5 State Oil & Gas Lease No
B-2229

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

1a Type of Work
DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b Type of Well
Oil Well [X] Gas Well [ ] Other Single Zone [X] Multiple Zone [ ]

7. Unit Agreement Name

8. Farm or Lease Name
Philmex

2. Name of Operator
Phillips Petroleum Company

9. Well No.
31

3 Address of Operator
4001 Penbrook Street, Odessa, Texas 79762

10. Field and Pool, or Wildcat
Maljamar Gb/SA

4 Location of Well
Unit Letter J Located 1980 feet From the South Line
And 2105 Feet From The East Line of Sec 26 TWP 17-S RGE 33-E NMPM

12. County
Lea

19 Proposed Depth	19A. Formation	20. Rotary or C.T.
± 4900'	Grayburg/SA	Rotary

21 Elevations (Show whether DF, RT, etc.)	21A Kind & Status Plug Bond	21B Drilling Contractor	22 Approx. Date Work Will Start
4132.8' GR (Unprepared)	Blanket	Will advise later	Upon approval

23. 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 # K-55	1480'	1000 Sx Class "C"	Surface
7-7/8"	5-1/2"	15.5 # K-55	4800'	1400 Sx	Surface

(Caliper volume plus 30% excess. Lead: Estimated 1000 sx Class "C" w/5% salt; tail w/400 sx Class "C" neat.)

Use mud additives as required for control.

BOP EQUIP: Series 900, 3000# WP (See attached schematic - Figure 7-9 or 7-10.)

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.

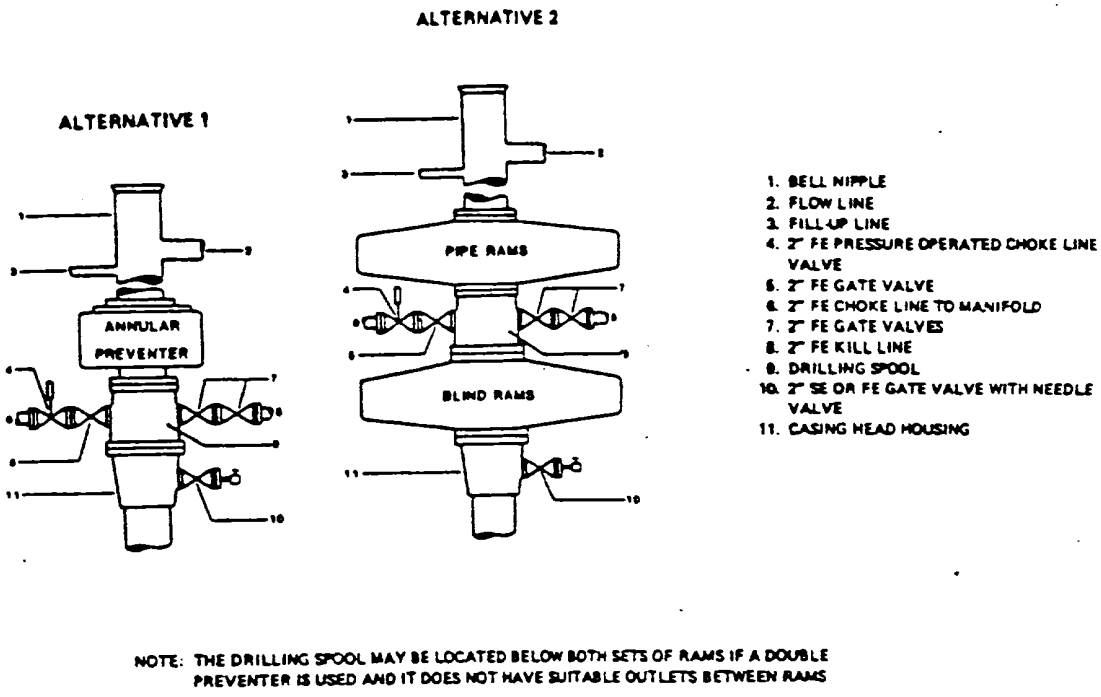
SIGNED W. J. Mueller TITLE Engineering Supervisor, Resv. DATE May 20, 1988

APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON DISTRICT I SUPERVISOR TITLE DATE MAY 26 1988

CONDITIONS OF APPROVAL IF ANY

Permit Expires 6 Months From Approval Date Unless Drilling Underway.

C-101 Philmex 31



NOTE: THE DRILLING SPOOL MAY BE LOCATED BELOW BOTH SETS OF RAMS IF A DOUBLE PREVENTER IS USED AND IT DOES NOT HAVE SUITABLE OUTLETS BETWEEN RAMS

Figure 7-9. Standard Hydraulic Blowout Preventer Assembly (2 M or 3 M Working Pressure) Alternative 1

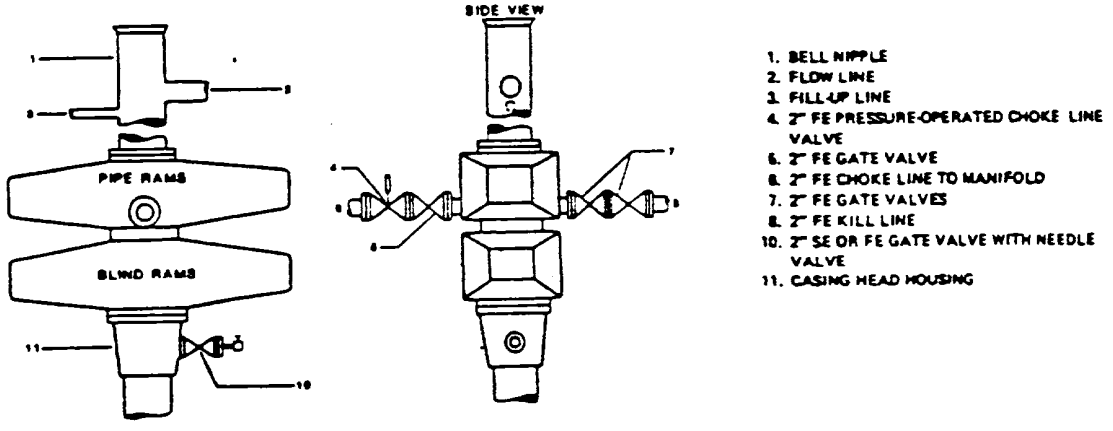


Figure 7-10. Standard Hydraulic Blowout Preventer Assembly (2 M or 3 M Working Pressure) Alternative 3 (without Drilling Spool)