

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

30-025-29815

Form C-101
Revised 10-1-78

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LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☒ FEDERAL ☐

5. State Oil & Gas Lease No.
B-2148

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Leamex
1. Name of Operator Phillips Petroleum Company		9. Well No. 39
2. Address of Operator 4001 Penbrook Street, Odessa, Texas 79762		10. Field and Pool, or Wildcat Maljamar-Grayburg/SA
4. Location of Well UNIT LETTER J LOCATED 1805 FEET FROM THE South LINE AND 1980 FEET FROM THE East LINE OF SEC. 21 TWP. 17-S RGE. 33-E		12. County Lea
19. Proposed Depth 4900'±		19A. Formation Grayburg/SA
20. Rotary or C.T. Rotary		22. Approx. Date Work will start Upon approval
21A. Kind & Status Plug. Bond Blanket Bond		21B. Drilling Contractor Will advise later
23. Elevations (show whether L.R., H.I., etc.) 4167.8' GR (unprepared)		

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	1500'±	1000 sx Class C + 2% CaCl ₂	Circulate to surface.
7 7/8"	5 1/2"	17#, K-55	4800'±	Circulate to surface using caliper volume plus 30% excess using 1300 sx Class "C" + 10% Diacel D + 9#/sx salt followed w/400 sx Class "C" + 5#/sx salt.	

Mud additives as required for control.

BOP EQUIP: Series 900, 3000#WP (See attached schematic - Fig. 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.

W. J. Mueller Title Engineering Supervisor, Reservoir Date December 4, 1986

(This space for State Use)

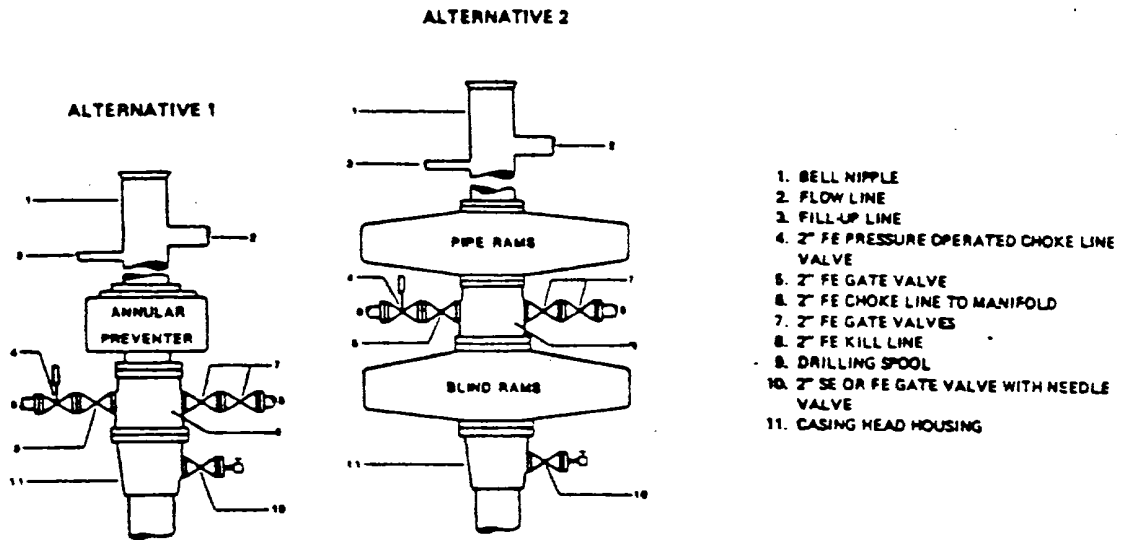
ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR TITLE DATE DEC 8 1986

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval Date Unless Drilling Underway.

FIELD PRACTICES AND STANDARDS



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

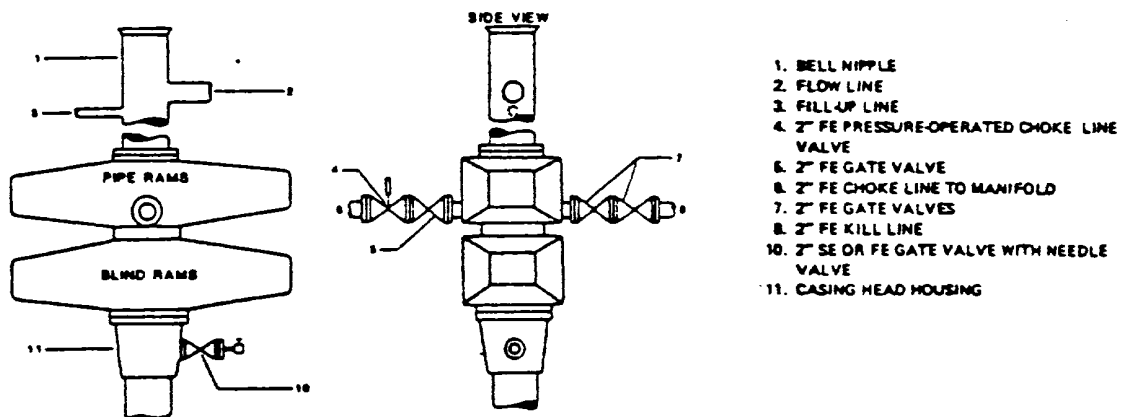


Figure 7-10. Standard Hydraulic Blowout Preventer Assembly
(2 M or 3 M Working Pressure) Alternative 3 (without Drilling Spool)