

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2066
SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

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OPERATOR		

5a Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5 State Oil & Gas Lease No B-2148
7 Unit Agreement Name
8 Farm or Lease Name Leamex
9 Well No 52
10 Field and Pool, or Wildcat Maljamar Gb/SA
12 County Lea

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

1a 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
2 Name of Operator Phillips Petroleum Company	9 Well No 52
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 <u>D</u> Located <u>660 feet</u> From the <u>North</u> Line And <u>660 Feet</u> From The <u>West</u> Line of Sec <u>25</u> TWP <u>17-S RGE 33-E NMPM</u>	
19 Proposed Depth ± 4900'	
19A Formation Grayburg/SA	20 Rotary or C T Rotary
21 Elevations (Show whether DF, RT, etc) 4125.4' GR (Unprepared)	21A Kind & Status Plug Bond Blanket
21B Drilling Contractor Will advise later	
22 Approx Date Work Will Start Upon approval	

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	± 1430'	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 Engineering Supervisor, Resv

DATE September 14, 1988

APPROVED BY

Orig. Signed by
Paul Kautz
Geologist

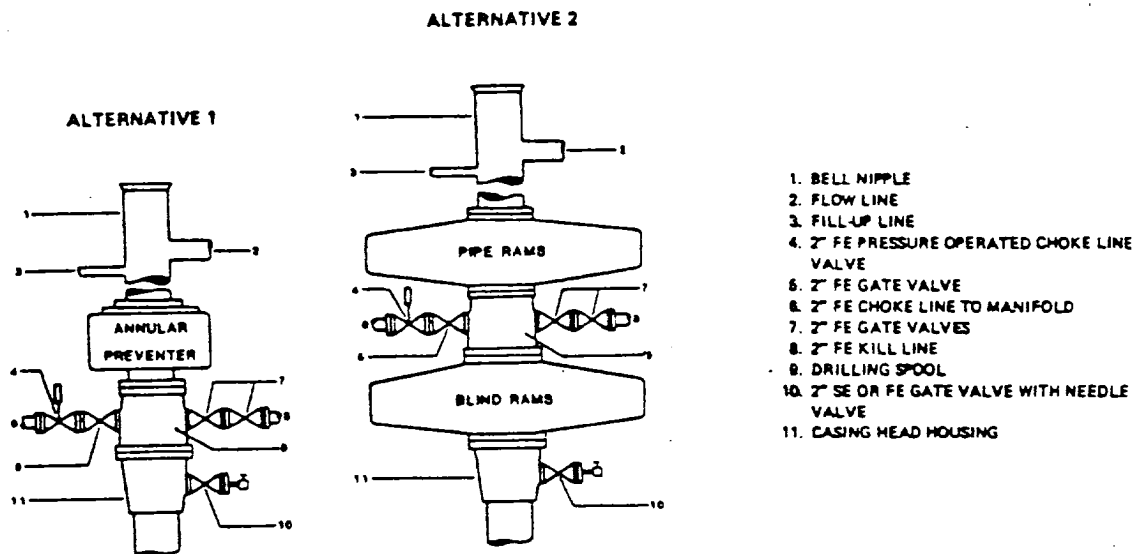
DATE

SEP 16 1988

CONDITIONS OF APPROVAL, IF ANY.

Permit Expires 6 Months From Approval
If Not 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

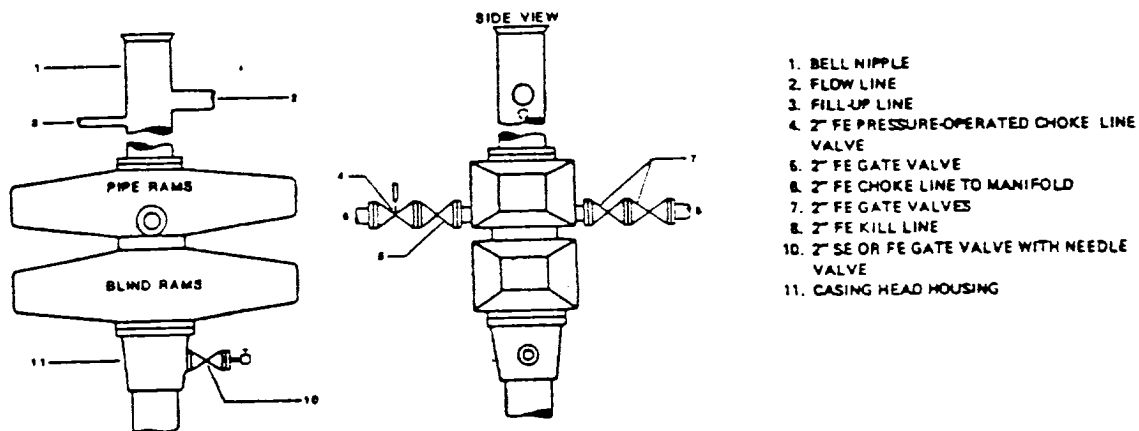


Figure 7-10. Standard Hydraulic Blowout Preventer Assembly
(2 M or 3 M Working Pressure) Alternative 3 (without Drilling Spool)

88-11-01 8/27/84

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