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NEW MEXICO OIL CONSERVATION COMMISSION

30-045-24224

Form C-101
Revised 1-1-67

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
E-6597-2	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name	
2. Name of Operator		9. Well No.	
Hixon Development Company		3	
3. Address of Operator		10. Field and Pool or Wildcat	
P.O. Box 2810, Farmington, New Mexico 87401		Pictured Cliffs	
4. Location of Well		12. County	
UNIT LETTER M LOCATED 790 FEET FROM THE south LINE		San Juan	
AND 790 FEET FROM THE west LINE OF SEC. 2 TWP. 25N RGE. 12W NMPM			
19. Proposed Depth		19A. Formation	
1340		Pictured Cliffs	
20. Rotary or C.T.		Rotary	
21. Elevations (Show whether DF, RT, etc.)		22. Approx. Date Work will start	
6282' GLE		April 10, 1980	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
8-3/4"	5-1/2"	15.5#	60'	60 sacks	Surface
4-3/4"	2-7/8"	6.5#	1340'	160 sacks	Surface

It is planned to drill a Pictured Cliffs well to develop reservoir potential in this location. Blowout preventers will be of one of the two types shown schematically on attached sheets. Gas from this well will be sold to El Paso Natural Gas Company.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,
EXPIRES 6-9-80



ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION 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 Cesar A. Hernandez Title Petroleum Engineer Date March 4, 1980
(This space for State Use)

APPROVED BY Frank T. Chang TITLE SUPERVISOR DISTRICT # 3 DATE MAR 11 1980
CONDITIONS OF APPROVAL, IF ANY:

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-63

All distances must be from the outer boundaries of the Section.

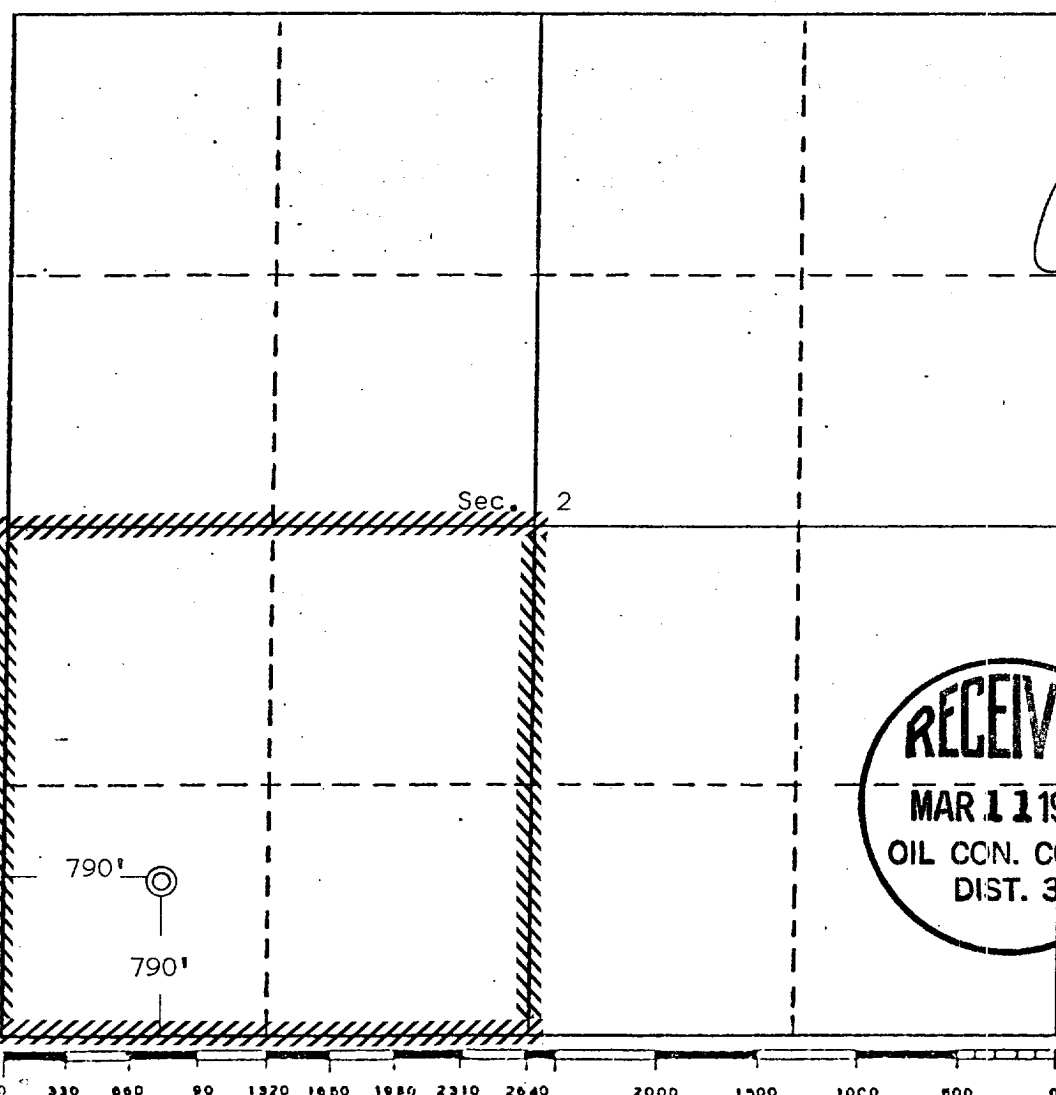
Operator Hixon Development Company			Lease Virginia State		Well No. 3
Unit Letter M	Section 2	Township 25 North	Range 12 West	County San Juan	
Actual Footage Location of Well: 790 feet from the South line and 790 feet from the West line					
Ground Level Elev. 6282	Producing Formation Pictured Cliffs	Pool WAW-Fruitland-PC		Dedicated Acreage: 160 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 interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation one ownership lease

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

[Signature]
Name

Aldrich L. Kuchera

Position
Petroleum Engineer

Company
Hixon Development Company

Date
February 25, 1980

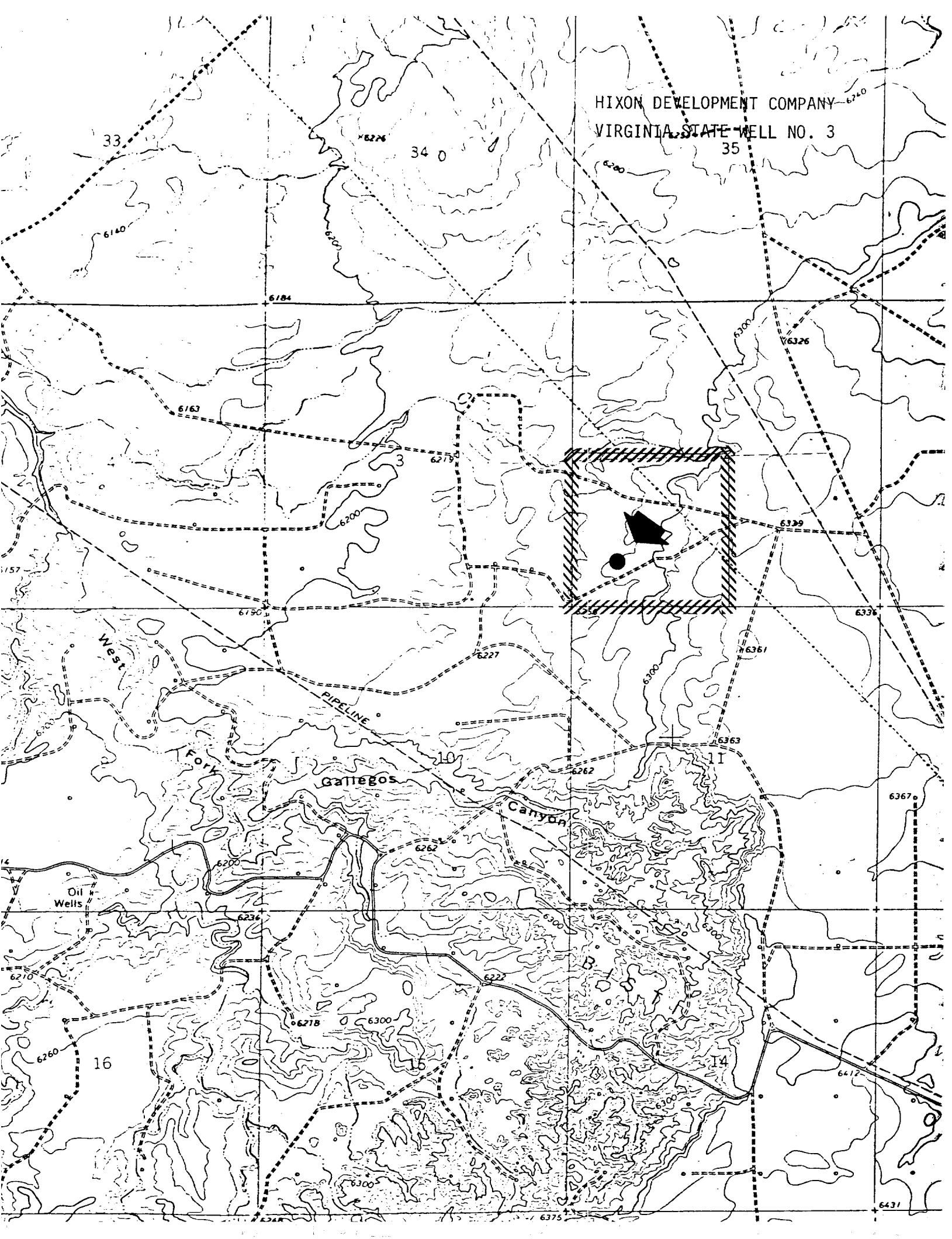
[Circular Stamp: REGISTERED LAND SURVEYOR, NEW MEXICO, 5979]
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

RECEIVED
MAR 11 1980
OIL CON. COM.
DIST. 3

Date Surveyed
March 2, 1980
Registered Professional Engineer
and/or Land Surveyor

[Signature: Edgar L. Risenhoover]
Certificate No. 5979
Edgar L. Risenhoover, L.S.

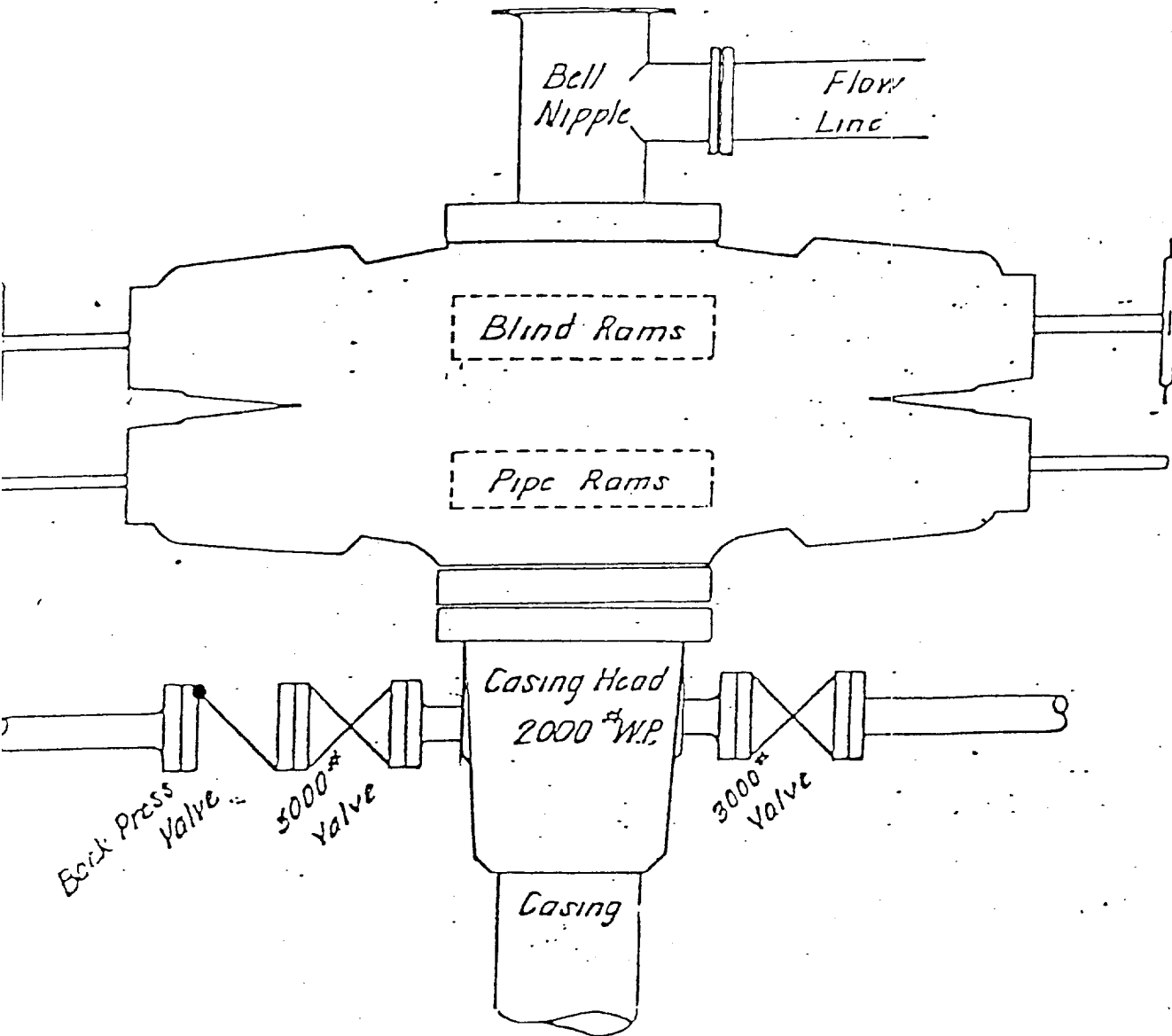
HIXON DEVELOPMENT COMPANY
VIRGINIA STATE WELL NO. 3



SCHEMATIC DIAGRAM

TESTING PROCEDURES

Install BOP after setting surface pipe and
pressure test to 1000 psi after drilling out
mud under surface pipe.

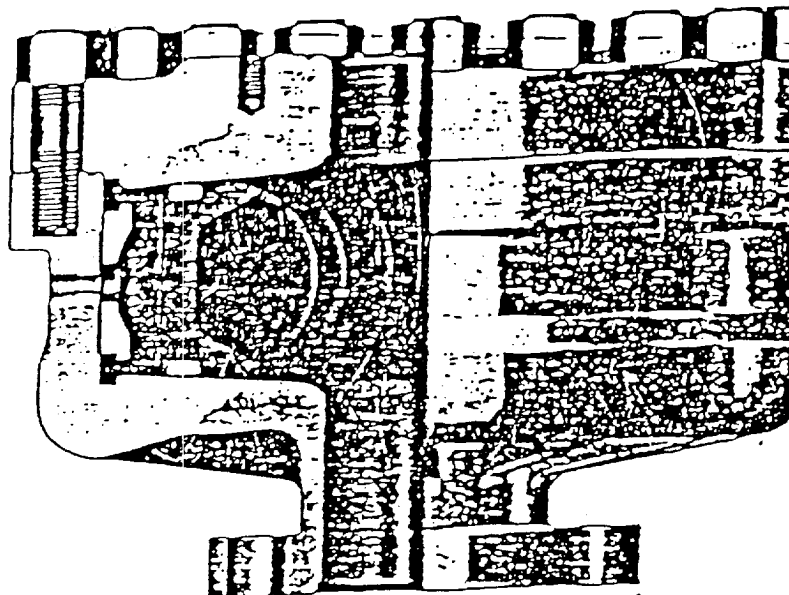


Shaffer Double Gate Blow Out Preventer
3000# W.P., 6000# Test, Type E

TESTING PROCEDURE

Install BOP after setting surface pipe and
pressure test to 1000 psi after drilling out
from under surface pipe.

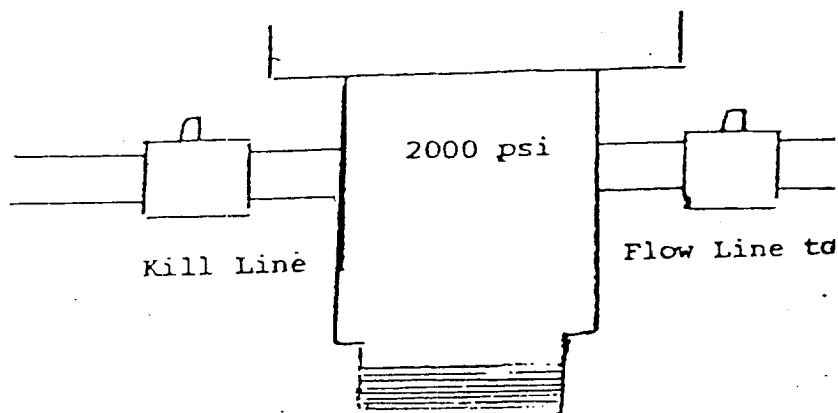
REGAN BLOWOUT PREVENTERS



The Regan Torus Blowout Preventer is used
primarily on production and workover rigs
for well control up to 3000 PSI working
pressure

DESIGN FEATURES

- The Torus Preventer is designed for minimum height to facilitate its use with production and workover rigs.
- The rubber packer will conform to any object in the well bore. Sealing ability is not affected by minor damage to the inner bore.
- The packer will seal on open hole at full working pressure.
- The dual packer design increases the reliability of the preventer since the outer rubber is never exposed to the well bore. Under ordinary service, the outer packer is rarely replaced.



TORUS BLOWOUT PREVENTER PATENTED

SPECIFICATIONS

Nominal Size	Test Pressure (psi)	DIMENSIONS (In.)			Weight (lb.)	End Flanges (1)	R/RX Ring Grooves	Side Outlet
		Outside Diameter	Thru Bore	Overall Height				
6	3000 6000	27 28 1/2	7 1/4 7 1/4	19 1/2 21 1/2	1360 1950	Nom. 6 Nom. 6	45 45	Nom. 2" L.P.