

1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

STATE OF NEW MEXICO
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised March 17, 1999

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

Operator Name and Address POGO PRODUCING COMPANY P.O. BOX 10340 MIDLAND, TEXAS 79702-4345		17891
Property Code 17565	Property Name HARROUN "15"	Well No. 12

Surface Location

UL or lot no.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County
N	15	24S	29E		660'	South	2310'	West	EDDY CO.

Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County

Proposed Pool 1 CEDAR CANYON - DELAWARE (11540)	Proposed Pool 2
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Work Type Code N	Well Type Code O	Cable Rotary R	Lease Type Code P	Ground Level Elevation 2920'
Multiple NO	Proposed Depth 7100'	Formation DELAWARE	Contractor UNKNOWN	Spud Date WHEN APPROVED

Minimum WOC time (8 hrs) Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
25"	20"	Conductor	40'	Redi-mix	Surface
14 3/4"	10 3/4"	32.75	550'	550 Sx.	Surface
9 7/8"	7 5/8"	26.40	2900'	900 Sx.	Surface
6 3/4"	4 1/2"	11.6	7100'	1000 Sx.	1900' ±

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.

1. Drill 25" hole to 40'. Set 40' of 20" conductor pipe and cement to surface with Redi-mix.
2. Drill 14 3/4" hole to 550'. Run and set 550' of 32.75# H-40 ST&C casing. Cement with 550 Sx. of Class "C" cement + additives, circulate cement to surface.
3. Drill 9 7/8" hole to 2900'. Run and set 2900' of 7 5/8" 26.40# J-55 ST&C casing. Cement with 900 Sx. of Class "C" cement + additives, circulate cement to surface.
4. Drill 6 3/4" hole to 7100'. Run and set 7100' of 4 1/2" 11.6# J-55 ST&C casing. Cement in two stages with 1000 Sx. of Class "H" cement + additives estimate top of cement 1900'±.

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

Signature:

Printed name: Joe T. Janica

Title: Agent

Date: 01/26/00

Phone: 505-391-8503

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY TIM W. GUM BSA
DISTRICT II SUPERVISOR

Title:

Approval Date: 1-27-00

Expiration Date: 1-27-01

Conditions of Approval:

Attached ☐

DISTRICT I
P.O. Box 1990, Hobbs, NM 88241-1990

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 11540	Pool Name CEDAR CANYON - DELAWARE
Property Code 17565	Property Name HARROUN 15	Well Number 12
OGRID No. 17891	Operator Name POGO PRODUCING COMPANY	Elevation 2920


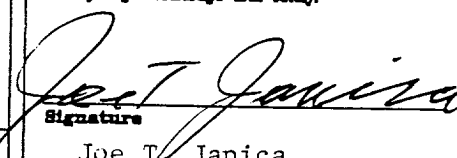
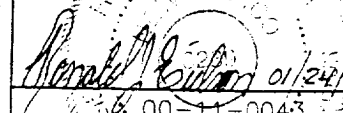
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	15	24 S	29 E		660	SOUTH	2310	WEST	EDDY

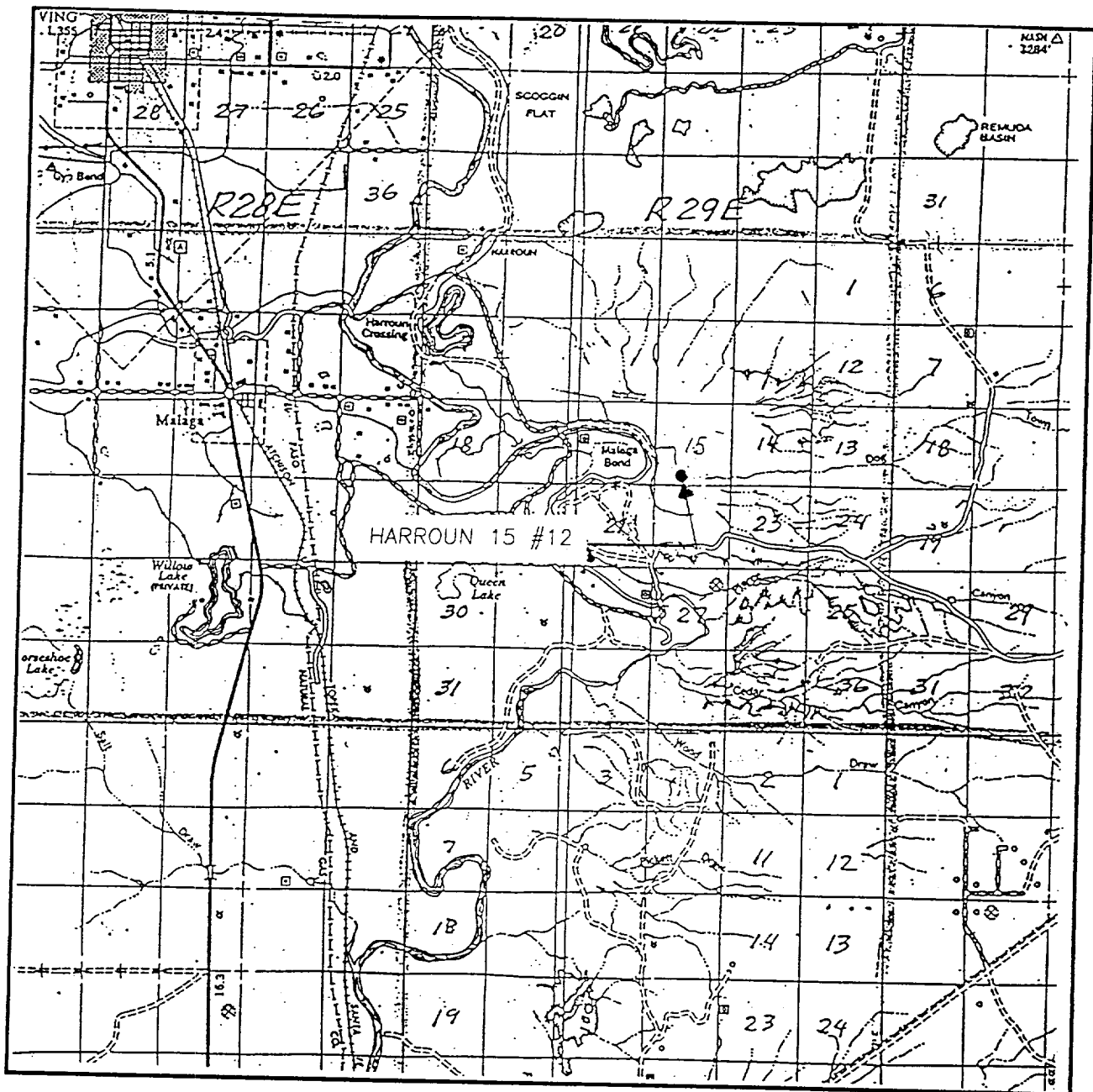
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OPERATOR CERTIFICATION <i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Joe T. Janica Printed Name Agent Title 01/26/00 Date
	SURVEYOR CERTIFICATION <i>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 is true and correct to the best of my belief.</i> JANUARY 17, 2000 Date Surveyed Signature & Seal of Professional Surveyor  00-11-0043 Certificate No. RONALD J. EDSON 3239 GARY EDSON 1254 MACON McDONALD 12185

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 15 TWP. 24-S RGE. 29-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION .660' FSL & 2310' FWL

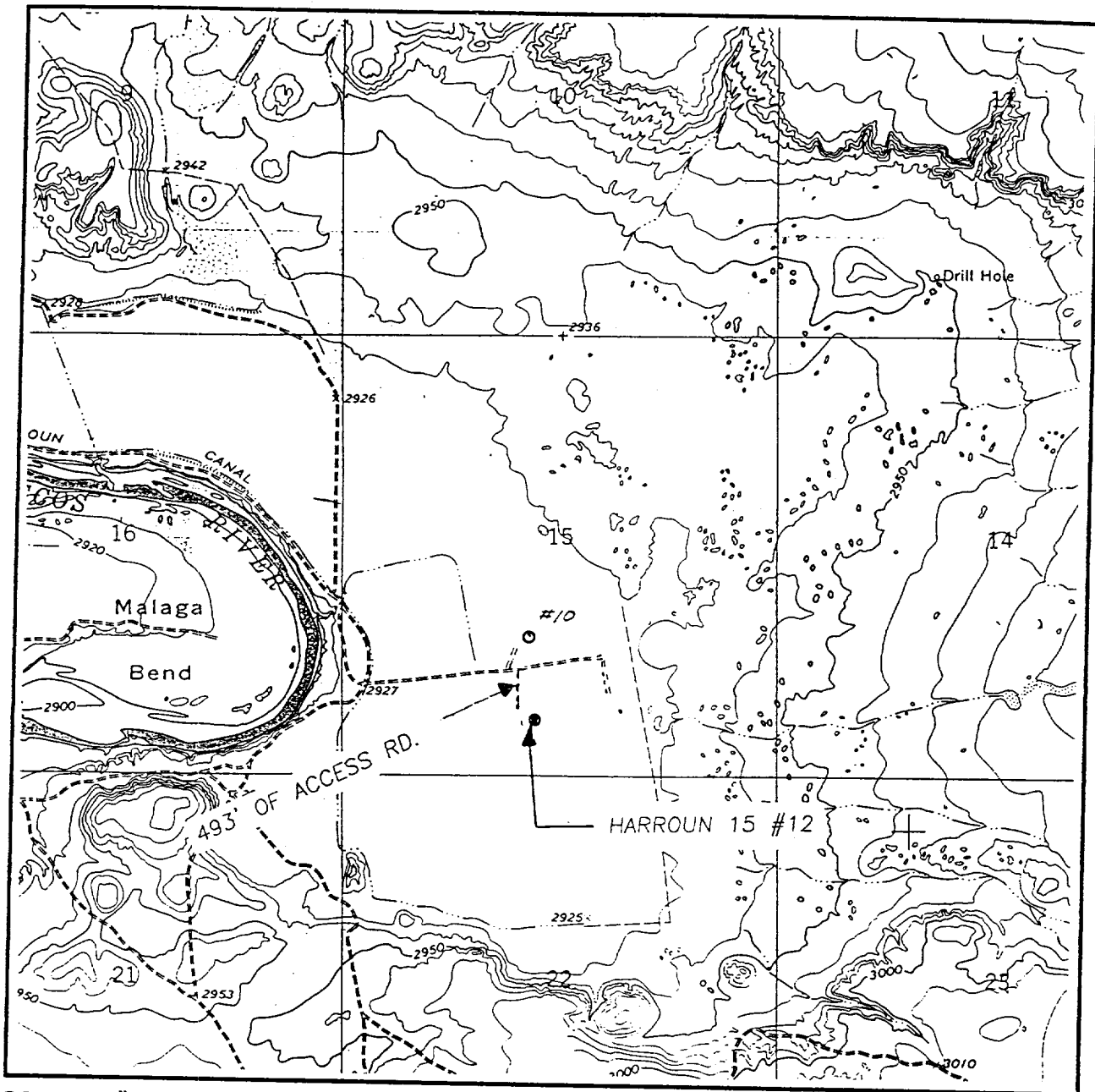
ELEVATION 2920

OPERATOR POGO PRODUCING COMPANY

LEASE HARROUN 15

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505 393-3117)

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
PIERCE CANYON - 10'

SEC. 15 TWP. 24-S RGE. 29-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 660' FSL & 2310' FWL

ELEVATION 2920

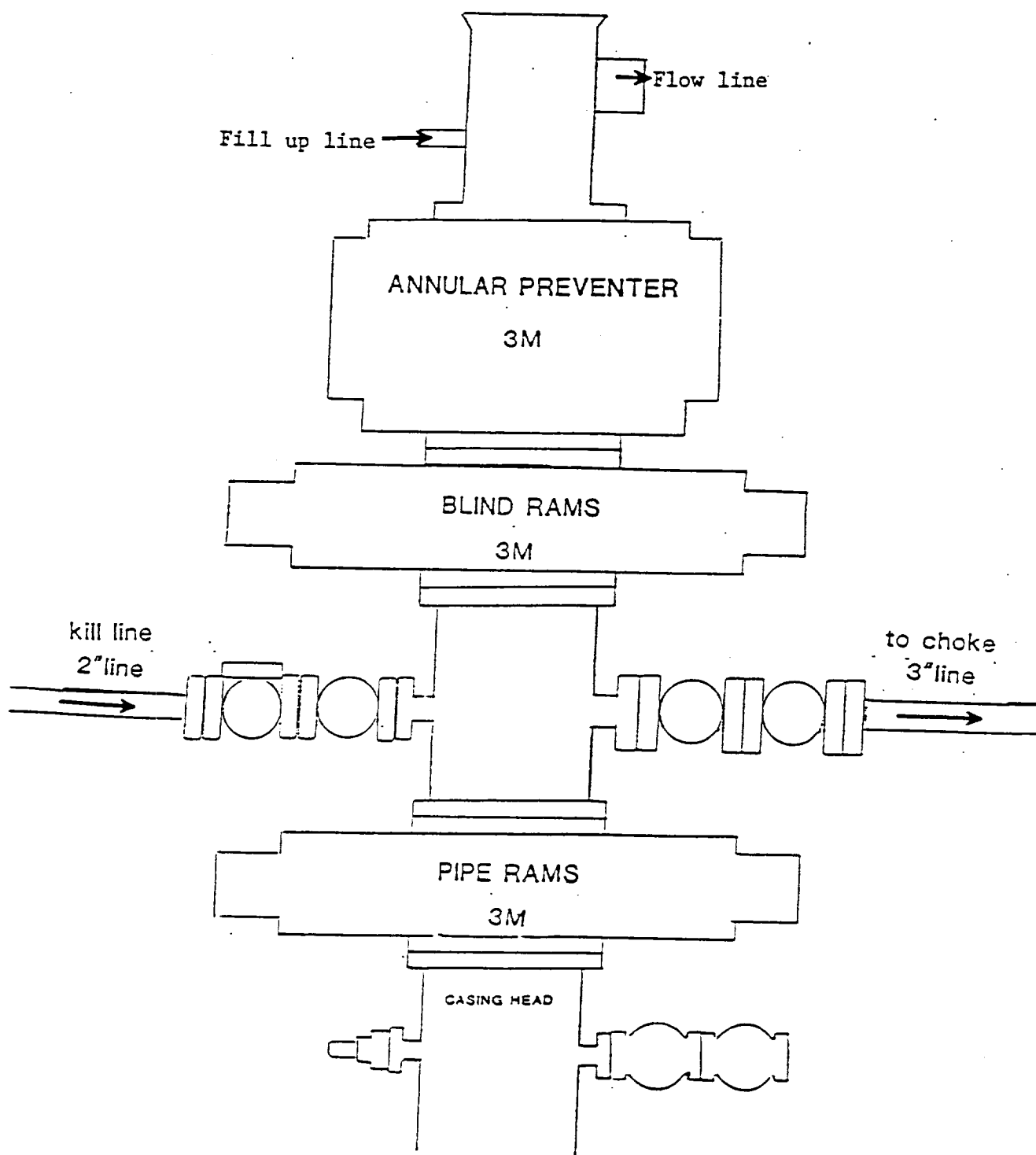
OPERATOR POGO PRODUCING COMPANY

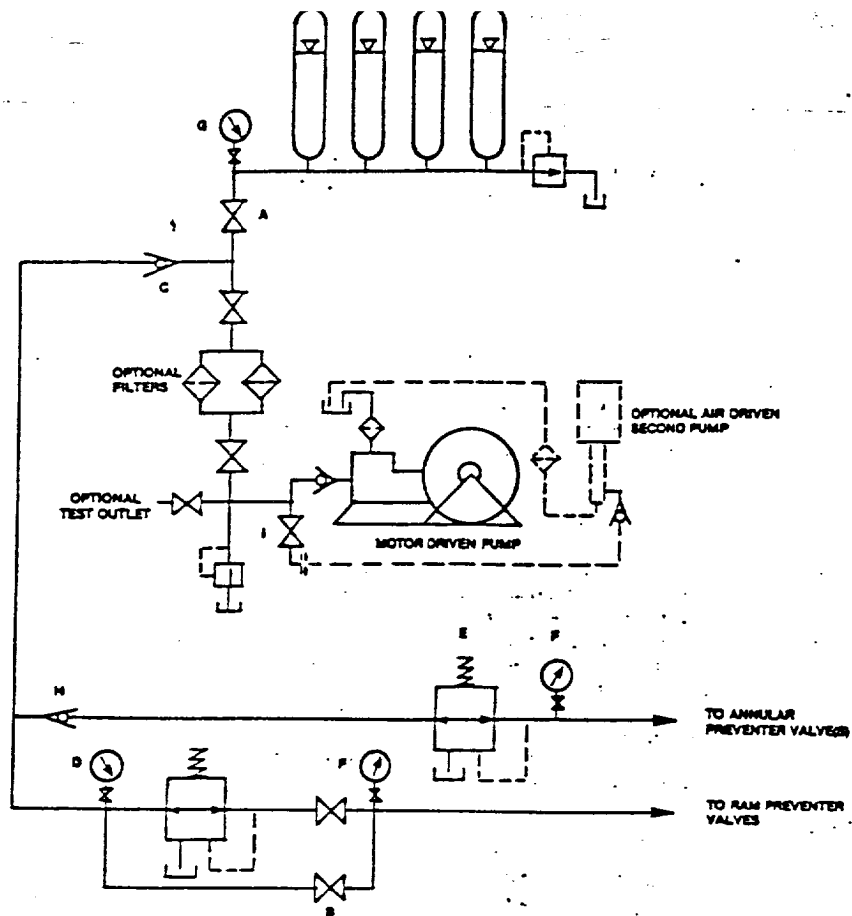
LEASE HARROUN 15

U.S.G.S. TOPOGRAPHIC MAP

PIERCE CANYON, N.M.

**JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505 393-3117)**





HAND AJUSTABLE CHOKE

POGO PRODUCING CO
3M CHOKE MANIFOLD

