

1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Artesia, 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~~ PLUG BACK, OR ADD A ZONE

| | | |
|--|-------------------------------|----------------------------|
| Operator Name and Address POGO PRODUCING COMPANY P.O. BOX 10340 MIDLAND, TEXAS 79702-4345 | | GRID Number 17895 |
| Property Code 17565 | Property Name HARROUN "15" | API Number 30-095-30951 |
| | | Well No. 11 |

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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|----------|
| 0 | 15 | 24S | 29E | | 800' | South | 1900' | East | 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 |
|--|-----------------|

| | | | | |
|---------------------|-------------------------|-----------------------|-----------------------|---------------------------------|
| Work Type Code N | Well Type Code O | Cable Rotary R | Lease Type Code P | Ground Level Elevation 2923' |
| 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 TCC |
|-----------|-------------|--------------------|---------------|-----------------|---------------|
| 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" | 26.4 | 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 10 3/4" 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" 26.4# 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 casing. Cement in two stages DV tool at 5550'±. Cement 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: <i>Joe T. Janica</i> Printed name: Joe T. Janica Title: Agent Date: 01/26/00 | | OIL CONSERVATION DIVISION Approved by: ORIGINAL SIGNED BY TIM W. GUM B6A Title: DISTRICT II SUPERVISOR Approval Date: 1-27-00 Expiration Date: 1-27-01 Conditions of Approval: Attached <input type="checkbox"/> | |
|--|--|--|--|

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

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 | Pool Name |
| | | 11540 | CEDAR CANYON - DELAWARE |
| Property Code | Property Name | | Well Number |
| 17565 | HARROUN 15 | | 11 |
| OGRID No. | Operator Name | | Elevation |
| 17891 | POGO PRODUCING COMPANY | | 2923 |

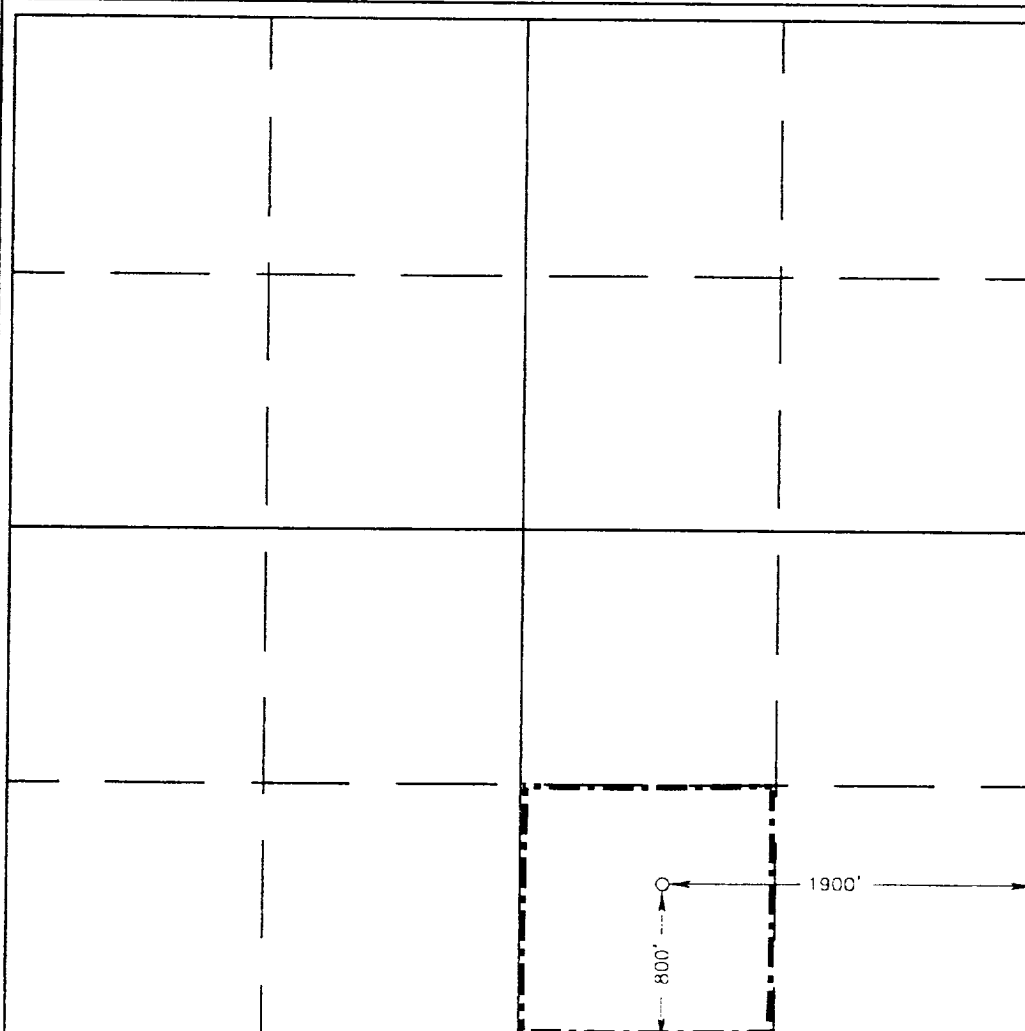
Surface Location

| | | | | | | | | | |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
| 0 | 15 | 24 S | 29 E | | 800 | SOUTH | 1900 | EAST | EDDY |

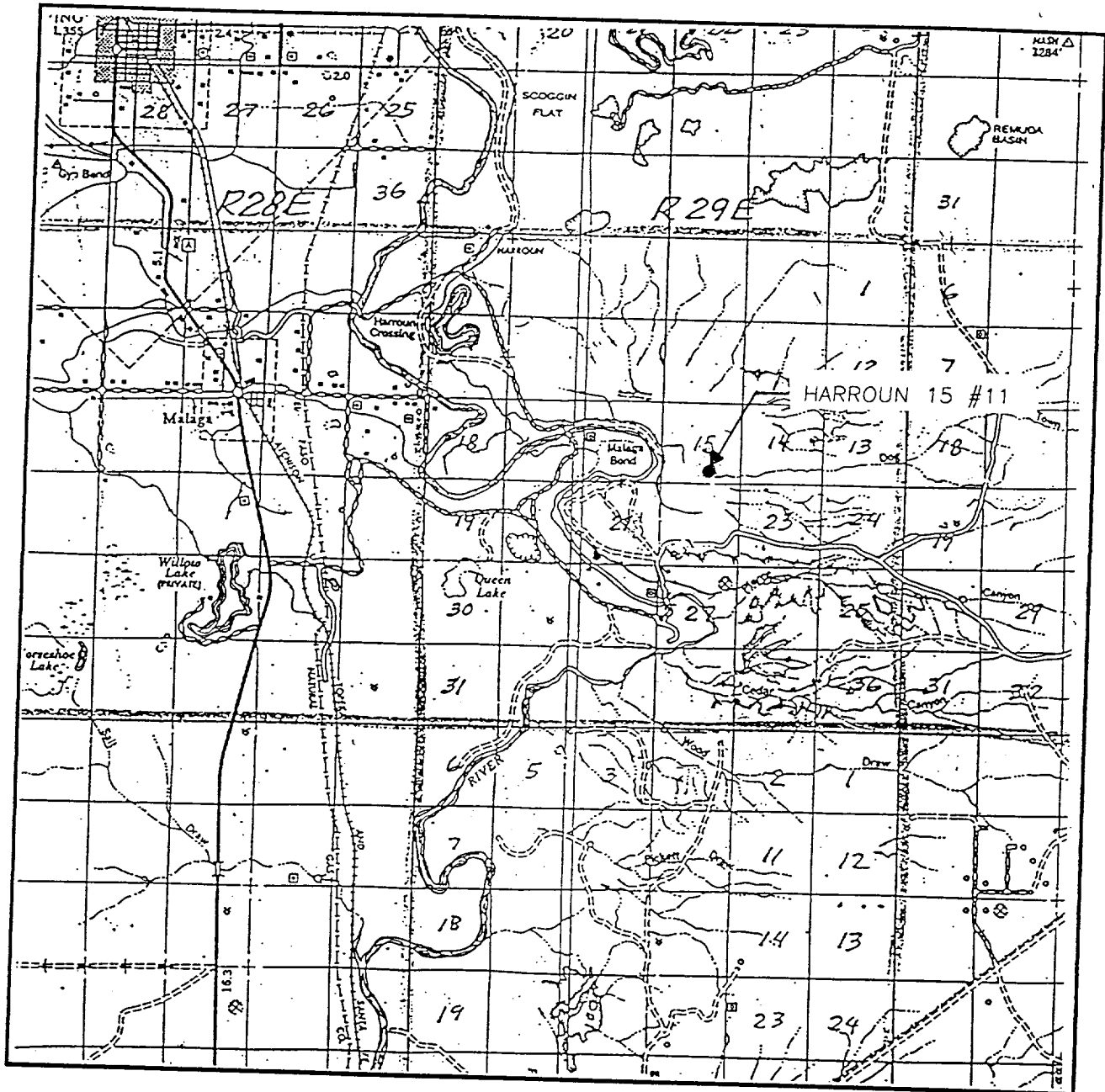
Bottom Hole Location If Different From Surface

| | | | | | | | | | |
|-----------------------|-----------------|--------------------|-----------|---------|---------------|------------------|---------------|----------------|--------|
| 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

| | |
|--|--|
|  | <div>OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i> <div style="border-bottom: 1px solid black; margin-top: 10px;"><i>Joe T. Jenica</i> Signature</div><div style="border-bottom: 1px solid black; margin-top: 5px;">Joe T. Jenica Printed Name</div><div style="border-bottom: 1px solid black; margin-top: 5px;">Agent Title</div><div style="border-bottom: 1px solid black; margin-top: 5px;">01/26/00 Date</div></div> |
| | <div>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> <div style="text-align: right; margin-top: 10px;">JANUARY 17, 2000</div><div style="border-bottom: 1px solid black; margin-top: 10px;">Date Surveyed</div><div style="border-bottom: 1px solid black; margin-top: 5px;"><i>Ronald J. Eidson</i> Signature and Seal of Professional Surveyor</div><div style="text-align: right; margin-top: 10px;">3239 2641 12'85</div></div> |

VICINITY MAP



SCALE: 1" = 2 MILES

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

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 800' FSL & 1900' FEL

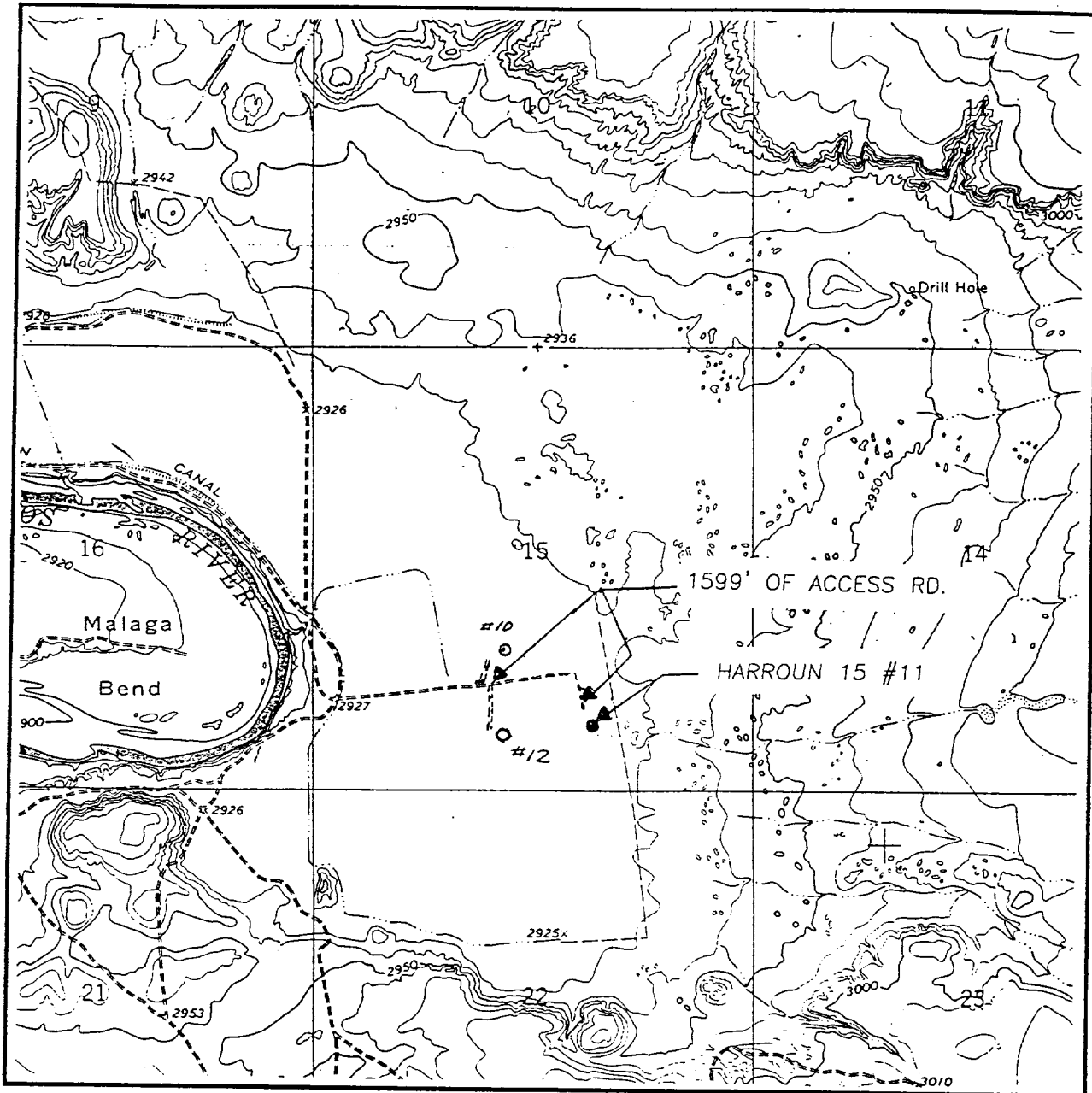
ELEVATION 2923

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 800' FSL & 1900' FEL

ELEVATION 2923

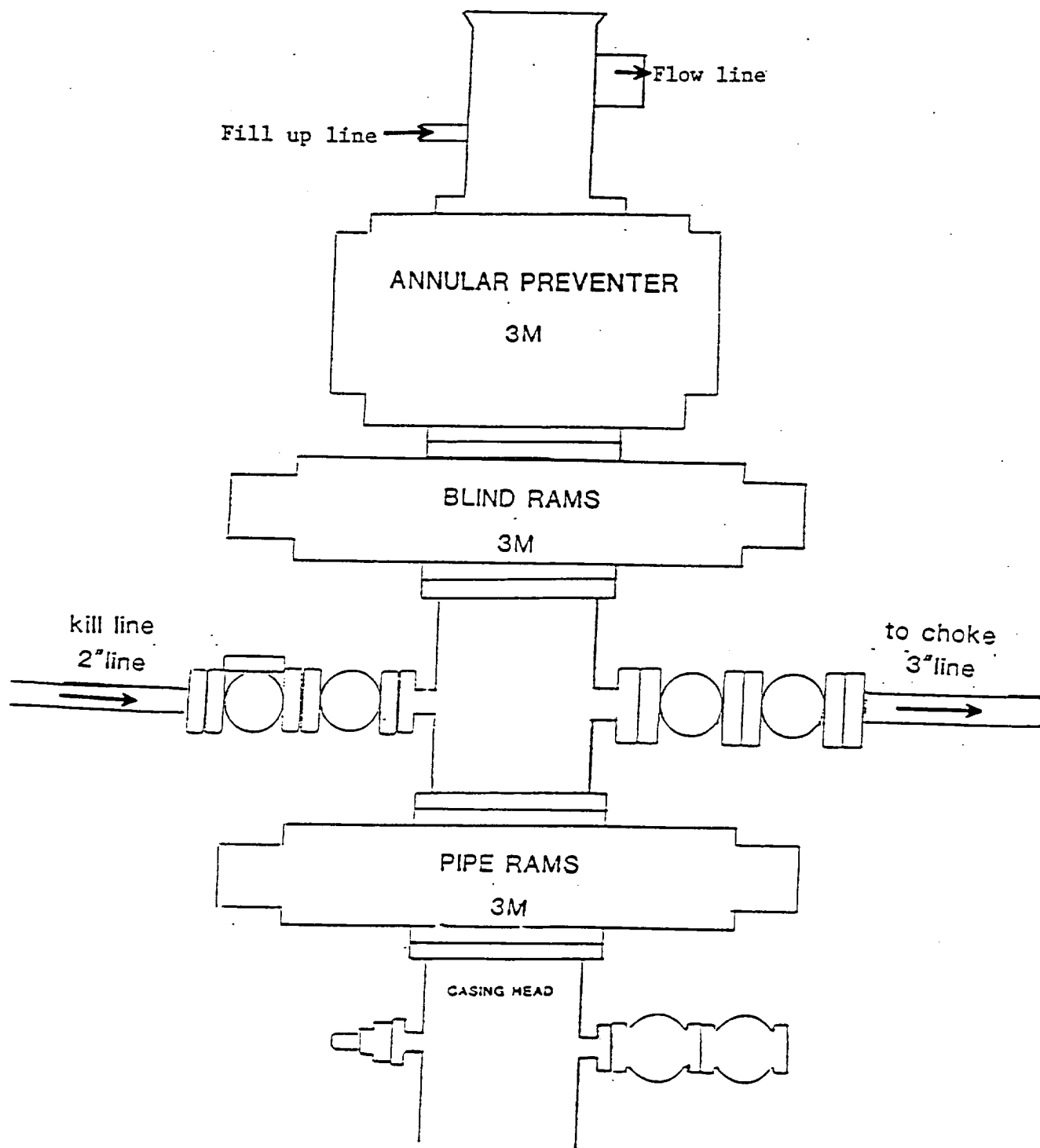
OPERATOR POGO PRODUCING COMPANY

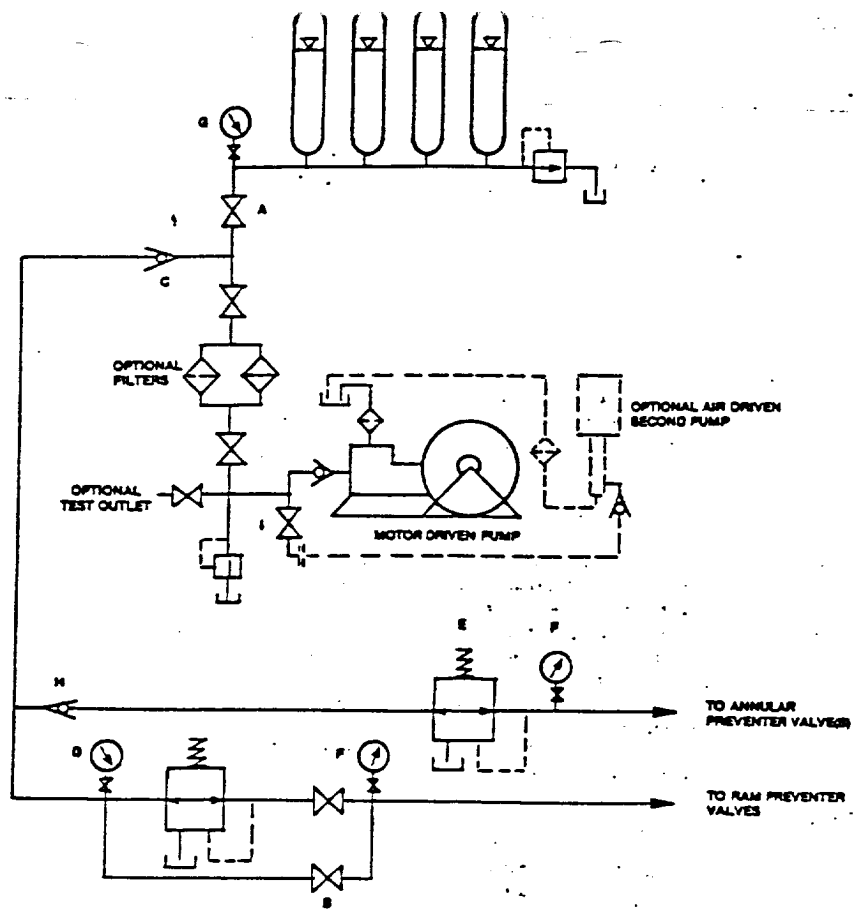
LEASE HARROUN 15

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

