

District I
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 ARCH PETROLEUM INC. P.O. BOX 10340 MIDLAND, TEXAS 79702-7340		962 OGRID Number 962 API Number 30-025-34903
Property Code 14451	Property Name WEST DOLLARHIDE DEVONIAN-UNIT	Well No. 122

Surface Location

UL or lot no.	Section	Township	Range	Lot	Feet from the	North/South line	Feet from the	East/West line	County
L	33	24S	38E		2500'	South	500'	West	LEA

Proposed Bottom Hole Location If Different From Surface

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

Proposed Pool 1

DOLLARHIDE DEVONIAN (18050)

Proposed Pool 2

Work Type Code N	Well Type Code O	Cable/ Rotary ROTARY	Lease Type Code S	Ground Level Elevation 3179'
Multiple NO	Proposed Depth 8000'	Formation DEVONIAN	Contractor UNKNOWN	Spud Date WHEN APPROVED

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
25"	20"	Conductor	40'	Radi-mix	SURFACE
17½"	13 3/8"	48	500'	500 Sx.	SURFACE
12½"	9 5/8"	32	3000'	1100 Sx.	SURFACE
8½"	7"	23	6900' *	1500 Sx.	SURFACE
* 6½"	5"	18	8000' liner	200 Sx.	

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 Radi-mix.
2. Drill 17½" hole to 500'. Run and set 500' of 13 3/8" 48# H-40 ST&C casing. Cement with 500 Sx. of Class "C" cement + additives, circulate cement to surface.
3. Drill 12½" hole to 3000'. Run and set 3000' of 9 5/8" 32# J-55 ST&C casing. Cement with 1100 Sx. of Class "C" cement + additives, circulate cement to surface.
- * 4. Drill 8½" hole to 6900'. If a high pressure water flow is encountered run and set 6900' of 7" 23# J-55 ST&C casing. Cement in two stages with DV tool at 4500' = use 1500 Sx. of Class "H" cement + additives, circulate cement to surface.
- * 5. If no water flow is encountered reduce hole to 7 7/8" and drill to 8000', and run 8000' of 5½" 17# J-55 LT&C casing. Cement in two stages with DV tool at 4500' and cement with 1500 Sx. of Class "H" cement + additives, circulate to surface.
- * 6. If the 6900' casing string is run then drill 6 1/8" hole to 8000' and run a 5" 18# N-80 LT&C liner from 6700' to TD. Cement liner with 200 Sx. of Class "H" cement + additives.

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:

01/31/00

Phone:

505-391-8503

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY CHRIS WILLIAMS

Title:

DISTRICT SUPERVISOR

Approval Date:

Expiration Date:

Conditions of Approval:

Rec'd District Office 1 Year From Approval
1/31/00
CJ

DISTRICT I

P.O. Box 1980, Hobbs, NM 88241-1980

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 30-025-34903	Pool Code 18050	Pool Name DOLLARHIDE-DEVONIAN
Property Code 14451	Property Name W.D.D.U.	Well Number 122
OGRID No. 962	Operator Name ARCH PETROLEUM, INC.	Elevation 3179

Surface Location

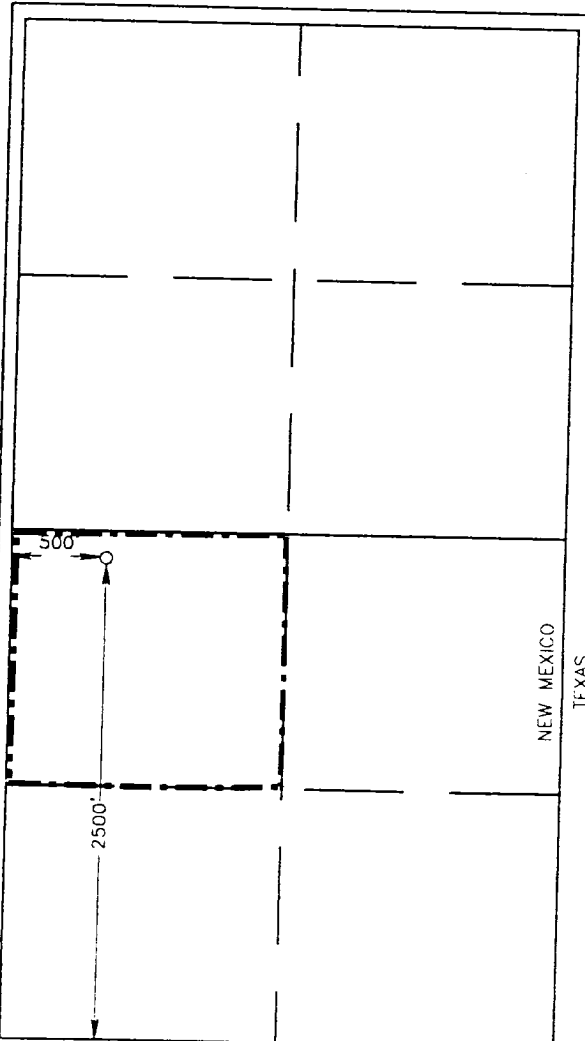
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	33	24 S	38 E		2500	SOUTH	500	WEST	LEA

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	Joint or Infill	Consolidation Code	Order No.
40			

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

Joe T. Janica
Signature

Joe T. Janica
Printed Name

Agent
Title

01/30/00
Date

SURVEYOR CERTIFICATION

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.

JANUARY 24, 2000

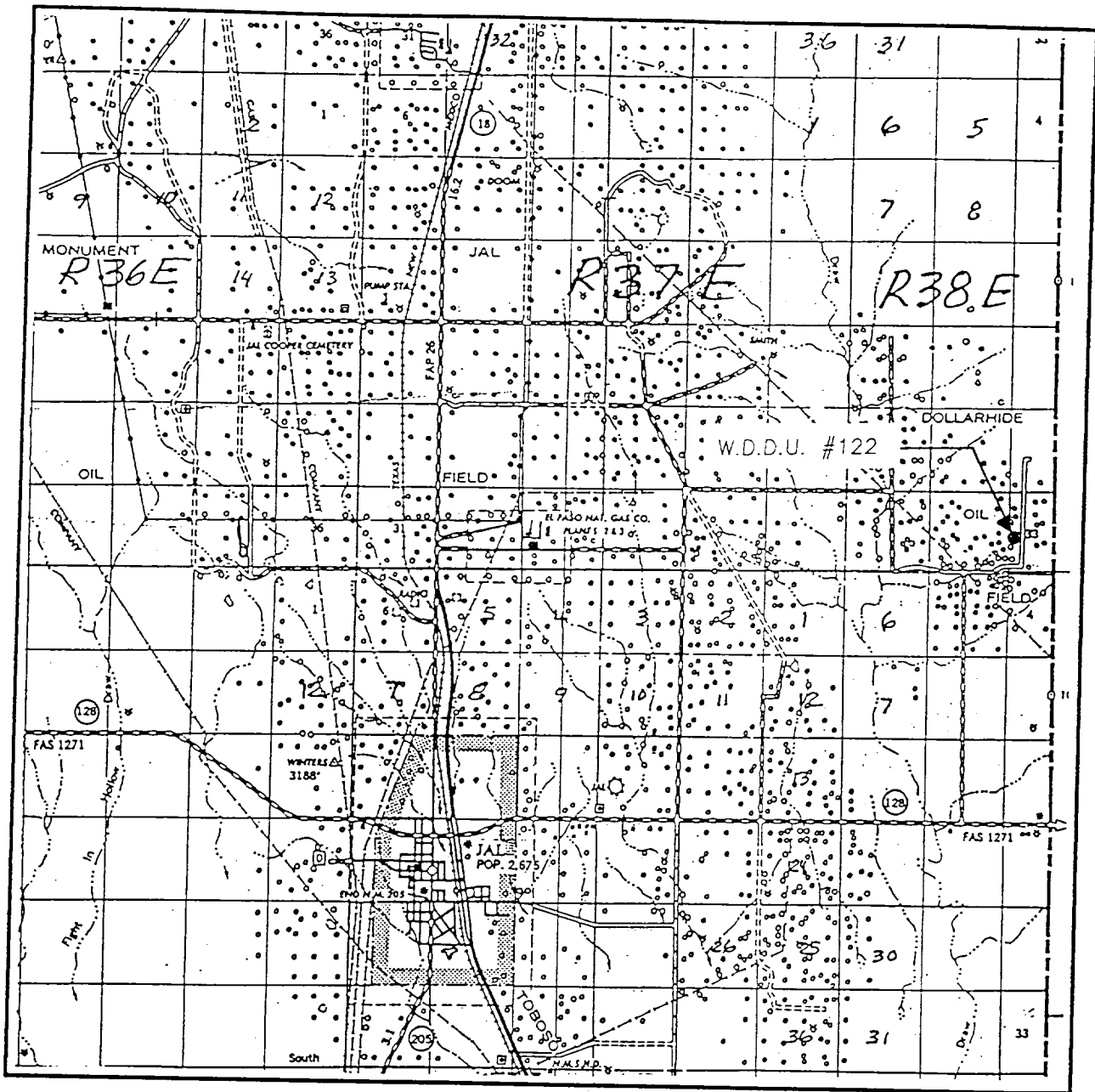
Date Surveyed **DC**

Signature & Seal of
Professional Surveyor

Ronald E. Edson
00-11-0132

Certificate No. **RONALD E. EDSON 3239**
GARY EDSON 12641
MCCON McDONALD 12185

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 33 TWP. 24-S RGE. 38-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 2500' FSL & 500' FWL

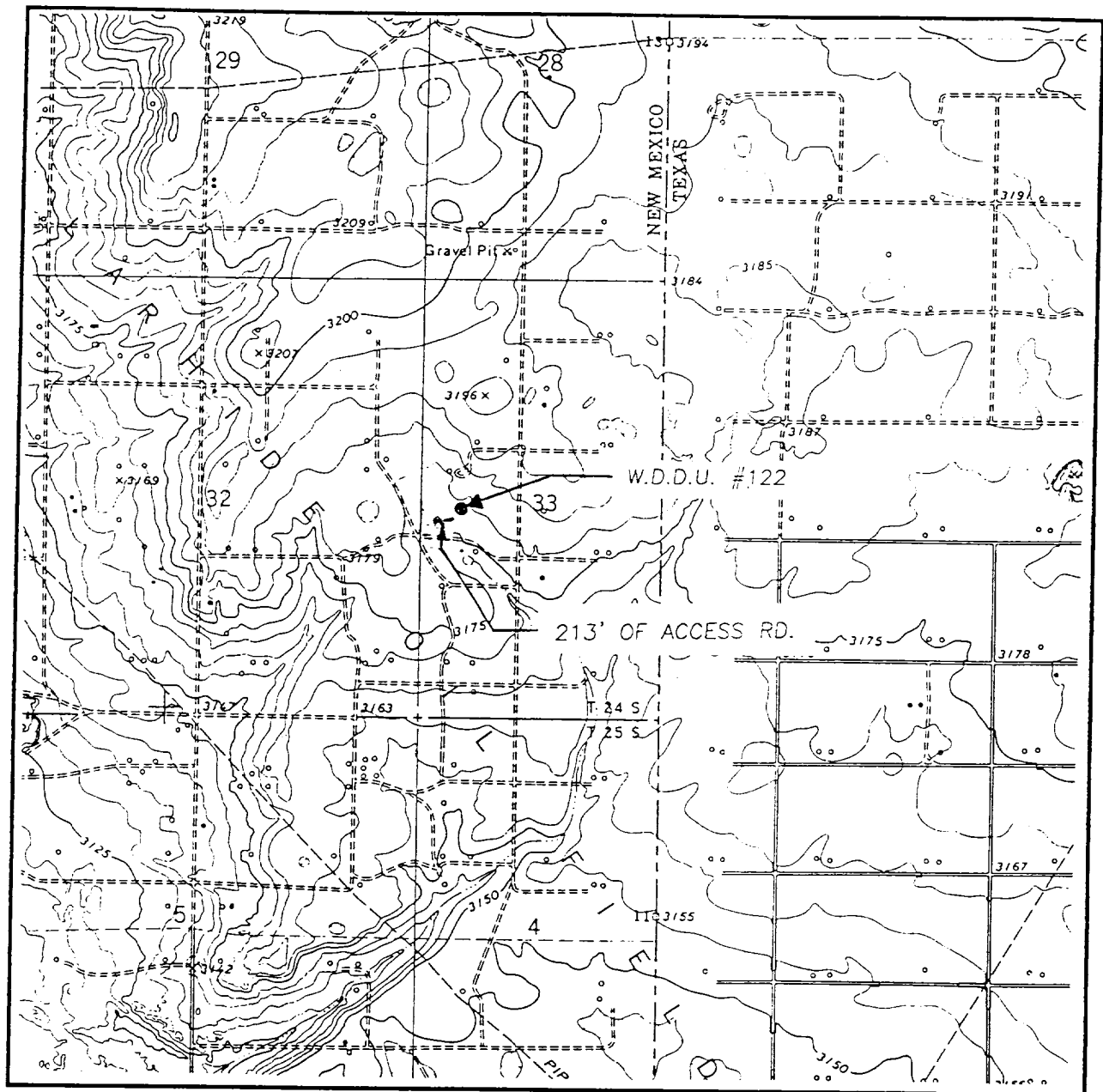
ELEVATION 3179

OPERATOR ARCH PETROLEUM, INC.

LEASE W.D.D.U.

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

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
JAL NE - 5'

SEC. 33 TWP. 24-S RGE. 38-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 2500' FSL & 500' FWL

ELEVATION 3179

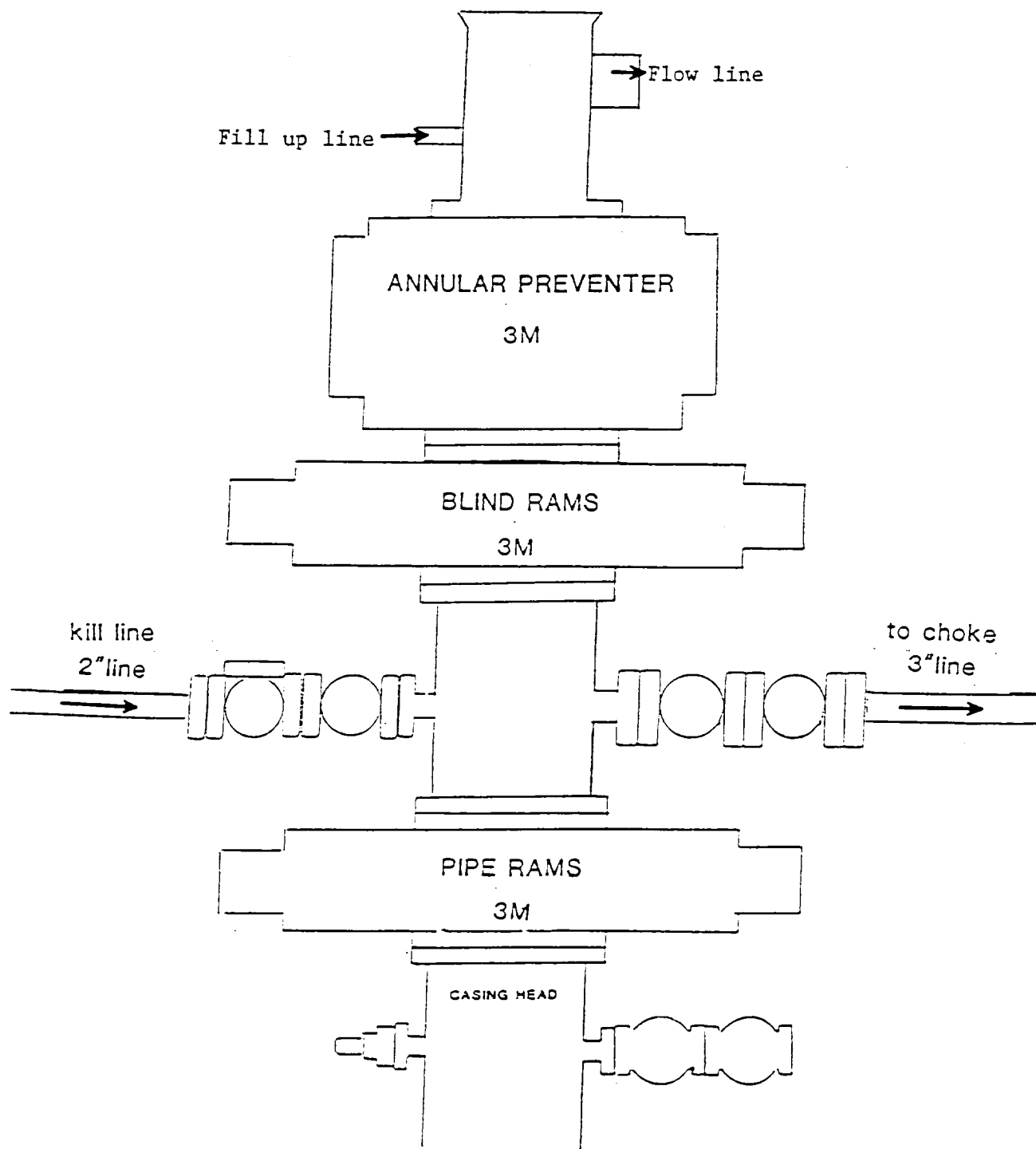
OPERATOR ARCH PETROLEUM, INC.

LEASE W.D.D.U.

U.S.G.S. TOPOGRAPHIC MAP

JAL NE, N.M.

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



CONFIDENTIAL LOGS
WILL BE RELEASED
WHEN THE
LOGS ARE NOT

1/3/11

E