

1025 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

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	OGRID Number
		30-025-34879	API Number
Property Code 25014	Property Name SHELL	STATE TX	Well No. 4

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	36	22S	32E		1650'	North	660'	West	LEA

Proposed 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
RED TANK-BONE SPRING (51683)					Proposed Pool 2				

Work Type Code N	Well Type Code O	Cable/Rotary ROTARY	Lease Type Code S	Ground Level Elevation 3748'
Multiple NO	Proposed Depth 9100'	Formation BONE SPRING	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'	Redi-mix	Surface
14 3/4"	10 3/4"	32.75	800'	750 Sx.	Circulate
9 7/8"	7 5/8"	26.4	4700'	1800 Sx.	Circulate
6 3/4"	4 1/2"	11.6	9100'	1100 Sx.	3500'± from S.

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, cement to surface with Redi-mix.
2. Drill 14 3/4" hole to 800'. Run and set 800' of 10 3/4" 32.75# H-40 ST&C casing. Cement with 750 Sx. of Class "C" cement + additives, circulate to surface.
3. Drill 9 7/8" hole to 4700'. Run and set 4700' of 7 5/8" 26.4# J-55 ST&C casing. Cement with 1800 Sx. of Class "C" cement + additives, circulate cement to surface.
4. Drill 6 3/4" hole to 9100'. Run and set 9100' of 4 1/2" 11.6# J-55 LT&C casing. Cement with 1100 Sx. of Class "H" cement in two stages, set DV Tool at 6500'±, estimate top of cement 3500'±.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: Joe T. Janica		Approved by: ORIGINAL SIGNED BY: JAMES WILLIAMS DISTRICT I SUPERVISOR	
Printed name: Joe T. Janica		Title:	
Title: Agent		Approval Date: Expiration Date:	
Date: 01/24/00	Phone: 505-391-8503	Conditions of Approval: Attached ☐	

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

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

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

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

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

DISTRICT IV
P.O. Box 2088, Santa Fe, NM 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-34879	Pool Code 51683	Pool Name RED TACK-BONE SPRING
Property Code 25014	Property Name SHELL STATE	Well Number 4
OGRID No. 17891	Operator Name POGO PRODUCING COMPANY	Elevation 3748

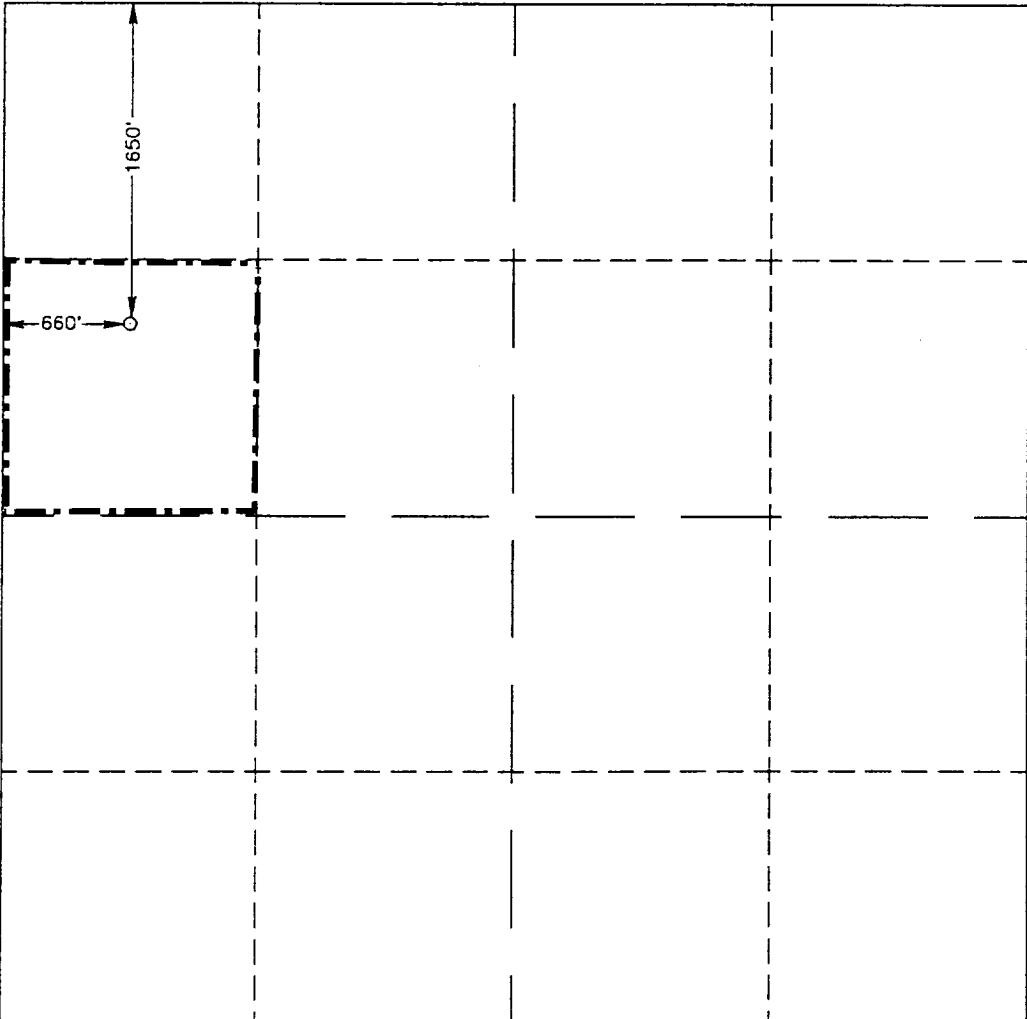
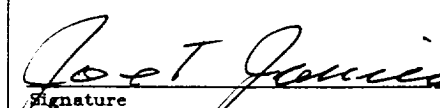
Surface Location

UL or lot No. E	Section 36	Township 22 S	Range 32 E	Lot Idn	Feet from the 1650	North/South line NORTH	Feet from the 660	East/West line WEST	County LEA
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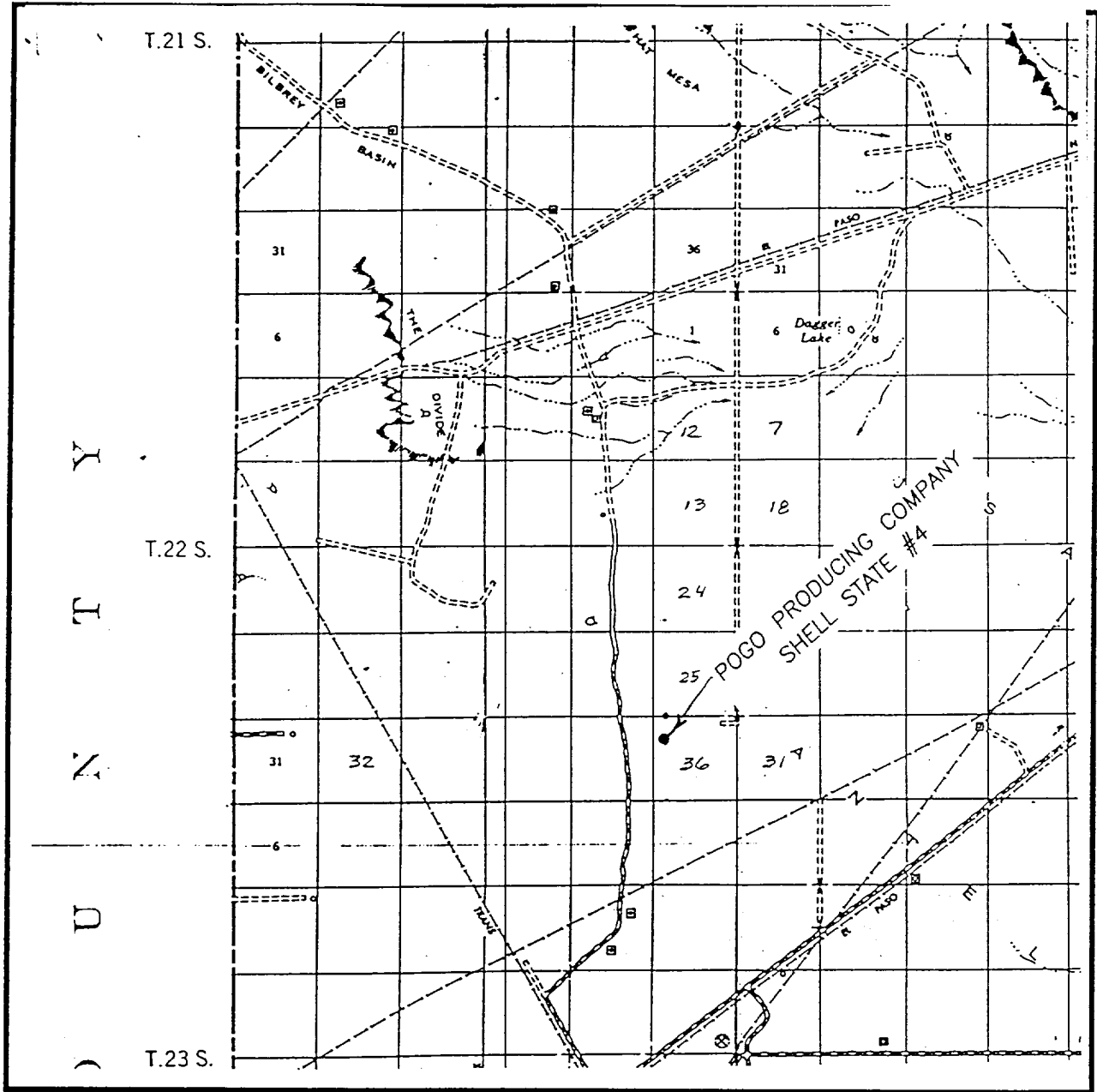
Bottom Hole Location If Different From Surface

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 hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.  Signature Joe T. Janica Printed Name Agent Title Date 01/24/00
	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 19, 2000 Date Surveyed JLP Signature & Seal of Professional Surveyor  W.O. Num. 00-11-0045
	Certificate No. RONALD J. EIDSON, 3239 GARY G. EIDSON, 12641 MACON McDONALD, 12165

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 36 TWP. 22-S RGE. 32-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1650' FNL & 660' FWL

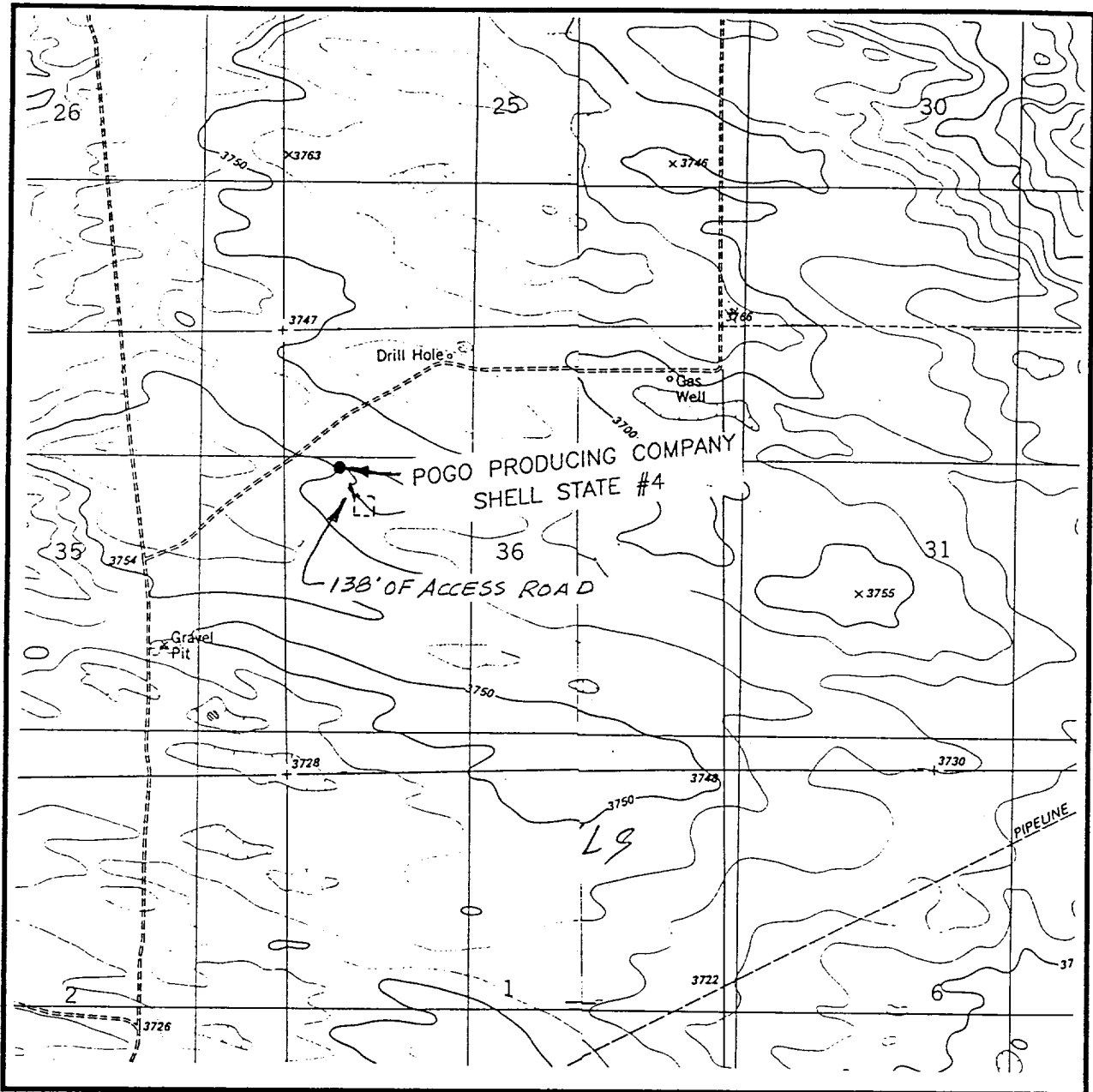
ELEVATION 3748

OPERATOR POGO PRODUCING COMPANY

LEASE SHELL STATE

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

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL - 10'

SEC. 36 TWP. 22-S RGE. 32-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1650' FNL & 660' FWL

ELEVATION 3748

OPERATOR POGO PRODUCING COMPANY

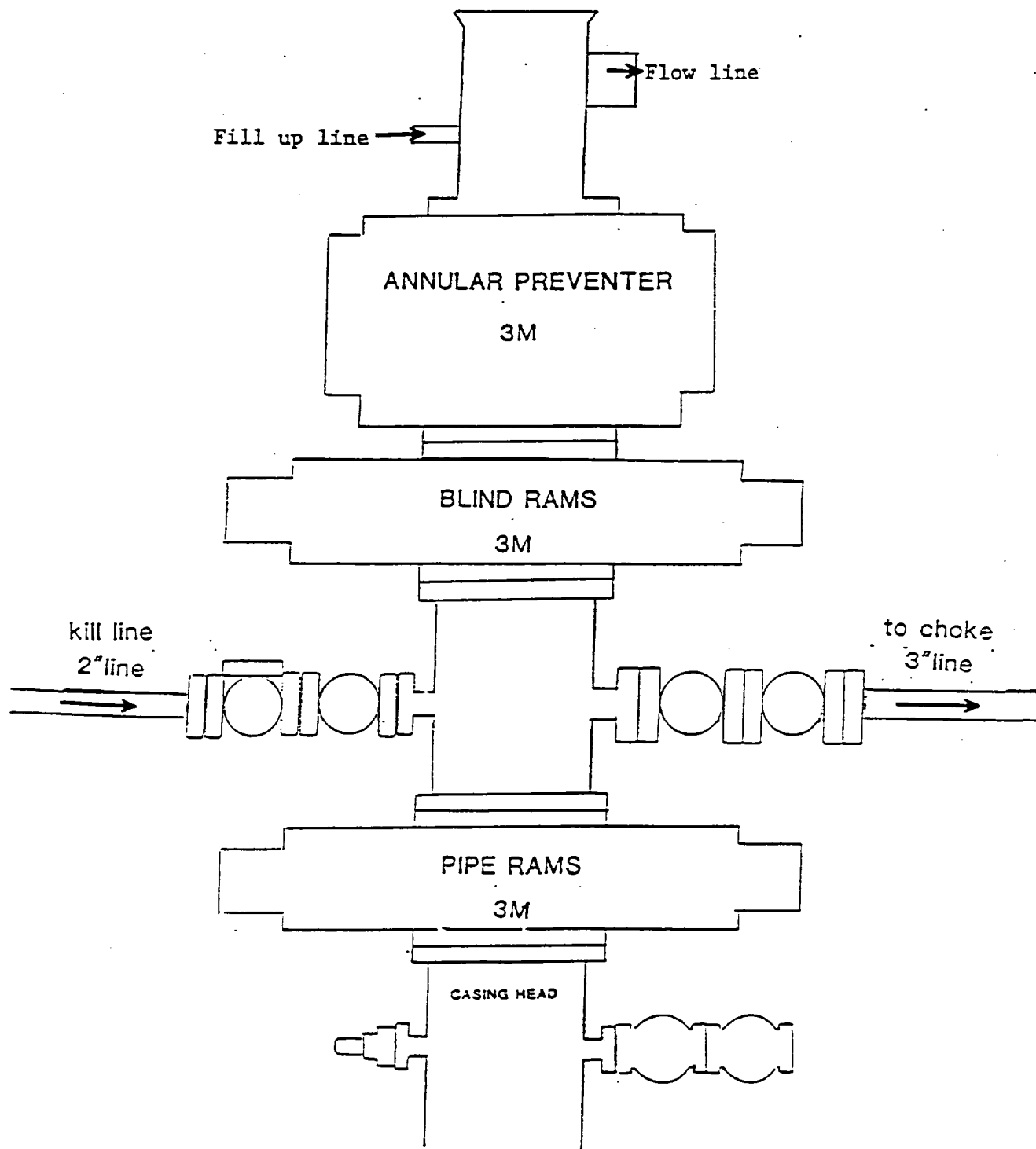
LEASE SHELL STATE

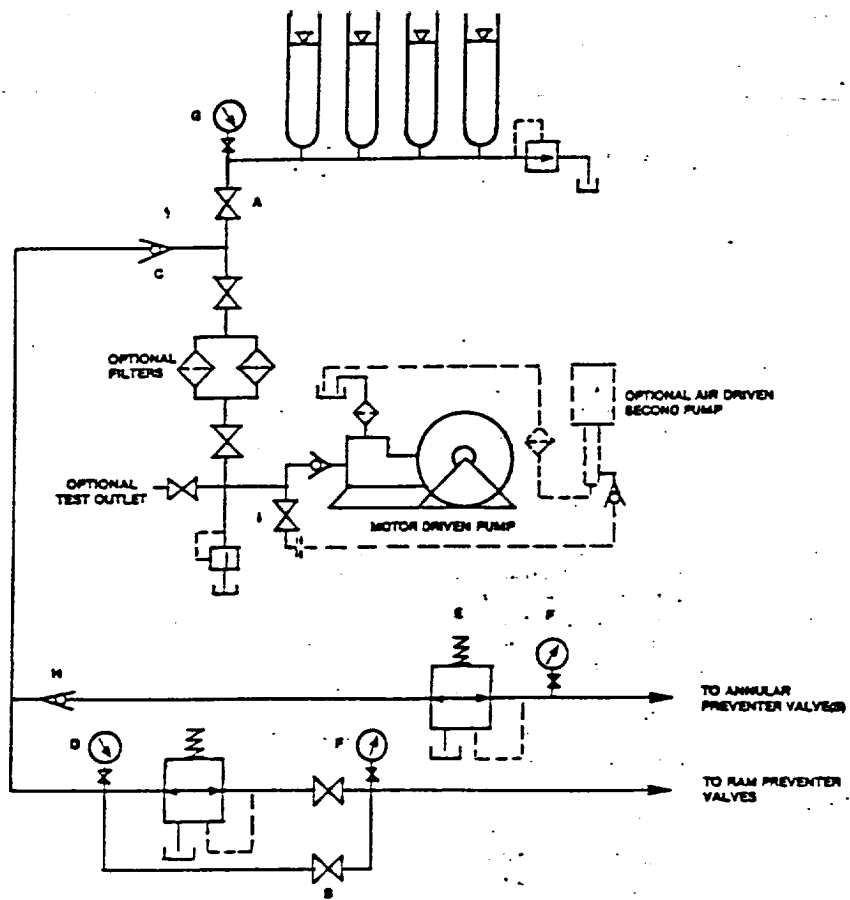
U.S.G.S. TOPOGRAPHIC MAP

BOOTLEG RIDGE & TIP TOP WELLS, N.M.

**JOHN WEST SURVEYING
HOBBS, NEW MEXICO**

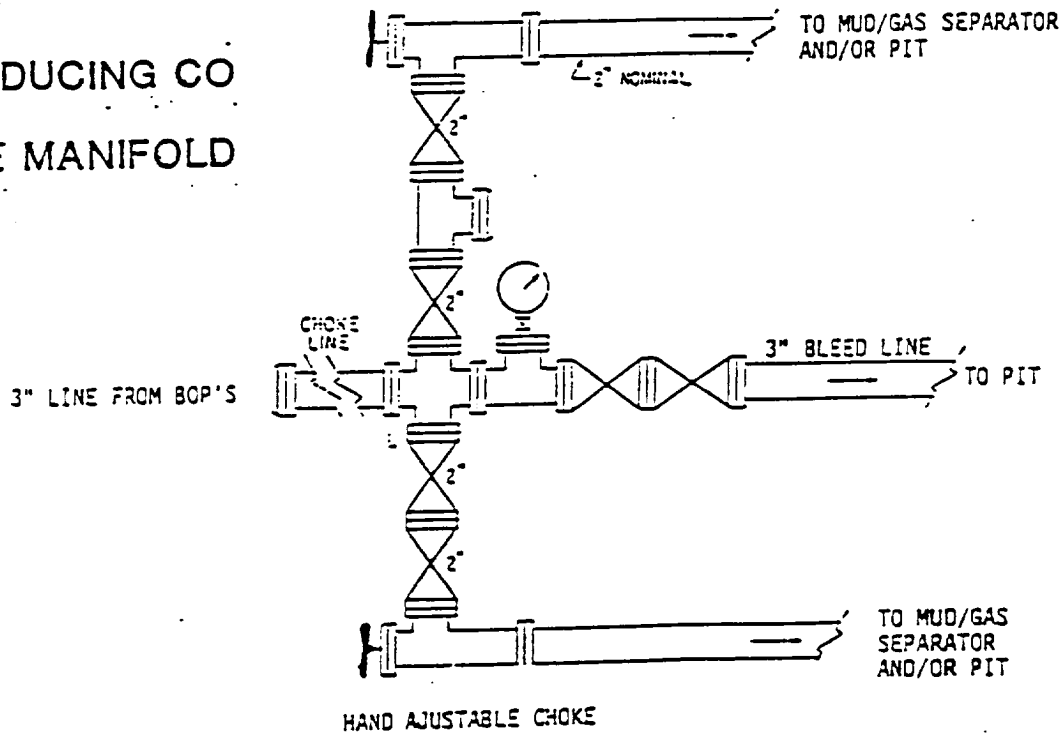
(505) 393-3117





HAND AJUSTABLE CHOKE

POGO PRODUCING CO
3M CHOKE MANIFOLD



ABOVE DATE DOES NOT
INDICATE WHEN
CONFIDENTIAL LOGS
WILL BE RELEASED

ELF