

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

Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-1015F
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		OGRID Number 17891
Property Code 17565	Property Name HARROUN "15"	API Number 30-015-31711
		Well No. 13

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	15	24S	29E		660'	SOUTH	360'	EAST	EDDY

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
Proposed Pool 1 CEDAR CANYON BONE SPRING (11520)					Proposed Pool 2				

Pierre Crossing, Bone Spring, East

Work Type Code N	Well Type Code O	Cable Rotary ROTARY	Lease Type Code P	Ground Level Elevation 2942'
Multiple NO	Proposed Depth 8300'	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"	NA	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	8300'	1500 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 + 1/4# Flocele/Sx. + 2% CaCl, 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 8300'. Run and set 8300' of 4 1/2" casing as follows: 1000' of 4 1/2" 11.6# N-80 LT&C, 6000' of 4 1/2" 11.6# J-55 LT&C, 1300' of 4 1/2" 11.6# N-80 LT&C casing. Cement in two stages, DV tool at 5550'±. Cement with 1500 Sx of Class "H" Premium Plus 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.		OIL CONSERVATION DIVISION	
Signature: Joe T. Janica		Approved by: ORIGINAL SIGNED BY TIM W. GUM	
Printed name: Joe T. Janica		DISTRICT II SUPERVISOR	
Title: Agent		Title:	
Date: 04/16/01		Approval Date: APR 23 2001 Expiration Date: APR 23 2002	
Phone: 505-391-8503		Conditions of Approval:	
		Attached ☐	

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., Artec, NM 87410

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code 11520	Pool Name CEDAR CANYON - BONE SPRING
Property Code 17565	Property Name HARROUN "15"	Well Number 13
OGRID No.	Operator Name POGO PRODUCING COMPANY	Elevation 2942'

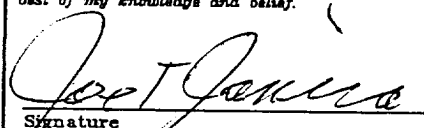
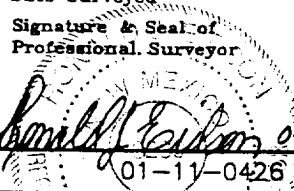
Surface Location

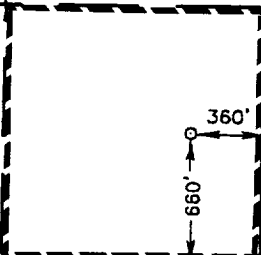
UL or lot No. P	Section 15	Township 24-S	Range 29-E	Lot Idn	Feet from the 660	North/South line SOUTH	Feet from the 360	East/West line EAST	County EDDY
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Bottom Hole Location If Different From Surface

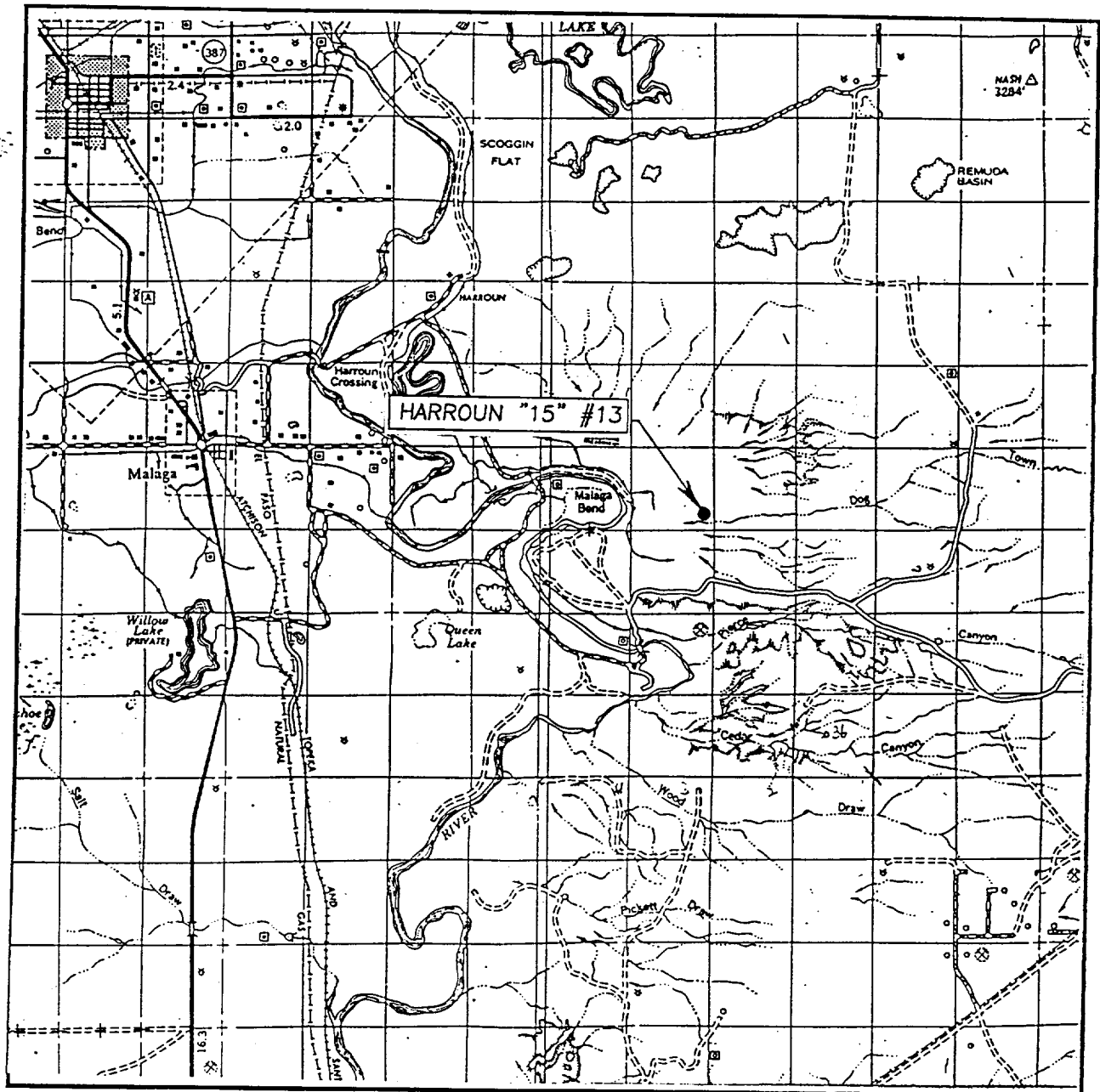
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

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>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 04/16/01 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> APRIL 10, 2001 Date Surveyed AWB Signature & Seal of Professional Surveyor  Certificate No. RONALD E. EDSON 3239 GARY EDSON 12841				



VICINITY MAP



SCALE: 1" = 2 MILES

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

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 660' FSL & 360' FEL

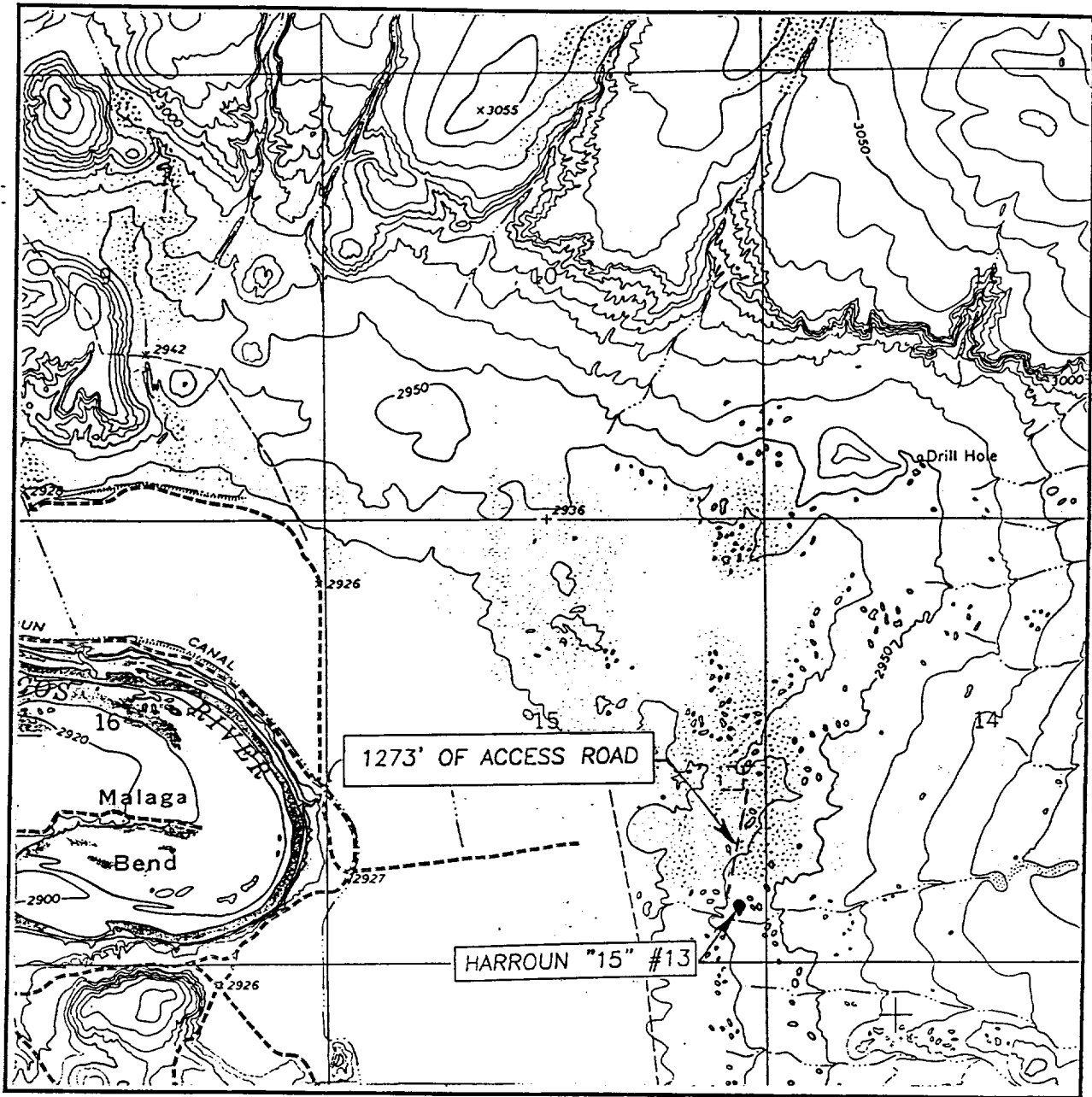
ELEVATION 2942'

OPERATOR POGO PRODUCING COMPANY

LEASE HARROUN "15"

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

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 10'

PIERCE CAYON, N.M.

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

SURVEY _____ N.M.P.M.

COUNTY _____ EDDY

DESCRIPTION 660' FSL & 360' FEL

ELEVATION 2942'

OPERATOR POGO PRODUCING COMPANY

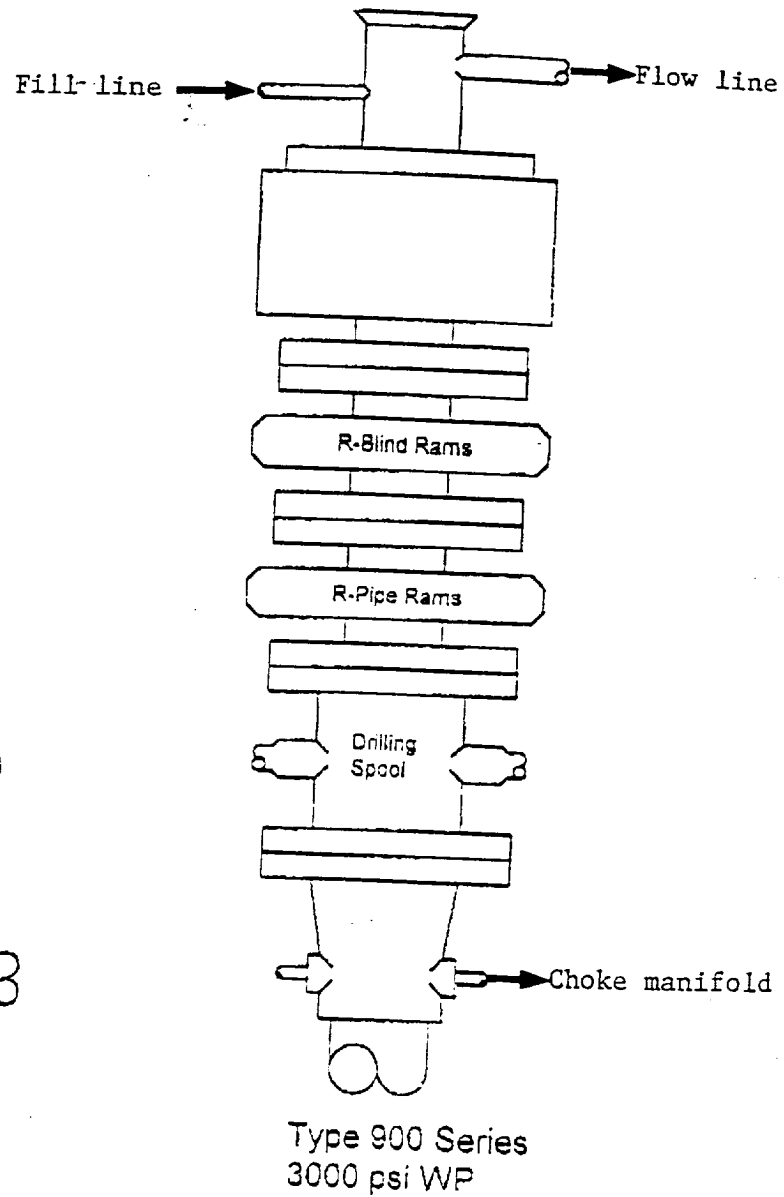
LEASE HARROUN "15"

U.S.G.S. TOPOGRAPHIC MAP

PIERCE CAYON, N.M.

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

BLOWOUT PREVENTER SYSTEM



Choke Manifold Assembly for 3M WP System

