

RESUBMITTAL

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Road, Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural ResourcesOil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED

JAN 16 2004

OCD-ARTESIA

Form C-101

Revised June 10, 2003

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

¹ Operator Name and Address Pogo Producing Company P. O. Box 10340, Midland, TX 79702-7340		² OGRID Number 017891
		³ API Number 30- 015432617
³ Property Code 23616	⁵ Property Name Harroun "10"	⁶ Well No. 3

⁷ 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	10	24S	29E		2310	South	990	West	Eddy

⁸ 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

⁹ Proposed Pool 1

Pierce Crossing Bone Spring

¹⁰ Proposed Pool 2

¹¹ Work Type Code N	¹² Well Type Code 0	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 2959'
¹⁶ Multiple No	¹⁷ Proposed Depth 8500'	¹⁸ Formation Bone Spring	¹⁹ Contractor Unknown	²⁰ Spud Date When Approved

²¹ 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
17-1/2"	13-3/8"	48	550'	450 sks	Surface
11"	8-5/8"	32	2800'	800 sks	Surface
7-7/8"	5-1/2"	17 & 15.5	8000'	1200 sks	2000' FS

²² 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.

- Drill 25" hole to 40'. Set 40' of 20" conductor pipe and cement to surface with Redi-mix.
- Drill 17-1/2" hole to 550'. Run and set 550' of 13-3/8" 48# H-40 ST&C csg. Cmt w/ 250 sks 65:35:6 Cl "C" POZ/gel + 5% salt. Tail in w/ 200 sks Cl "C" + 2% CaCl₂ + 1/4# Flocele/sk. Circ cmt to surface.
- Drill 11" hole to 2800'. Run & set 2800' of 8-5/8" 32# J-55 ST&C csg. Cmt w/ 600 sks 65:35:6 Cl "C" POZ/gel + 5% salt. Tail in w/ 200 sks Cl "C" + 2% CaCl₂ + 1/4# Flocele/sk. Circ cmt to surface.
- Drill 7-7/8" hole to 8000'. Run and set 8000' of 5-1/2" csg as follows: 2000' of 5-1/2" 17# J-55 LT&C, 5000' of 5-1/2" 15.5# J-55 LT&C, 1000' of 5-1/2" 17# J-55 LT&C. Cmt in 2 stages w/ DV tool @ 4500'. First stage cmt w/ 650 sks Cl "C" cmt + 8# gilsonite/sk. Second stage cmt w/ 600 sks Cl "C" cmt + 8# gilsonite/sk. Est TOC 2000' from surface.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Cathy Wright

Printed name:

Cathy Wright

Title:

Sr. Operation Tech

E-mail Address:

tombert1@pogoproducing.com

Date:

01/15/04

Phone:

432-685-8100

OIL CONSERVATION DIVISION

Approved by:

James L. Brown

Title:

SUPERVISOR, DISTRICT II

Approval Date:

Expiration Date:

JAN 16 2005

Feb

Conditions of Approval:

JAN 16 2004

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

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-32617	Pool Code 96473	Pool Name Pierce Crossing Bone Spring
Property Code 23616	Property Name HARROUN 10	Well Number 3
OGRID No. 017891	Operator Name POGO PRODUCING COMPANY	Elevation 2959'

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	10	24-S	29-E		2310	SOUTH	990	WEST	EDDY

Bottom Hole Location If Different From Surface

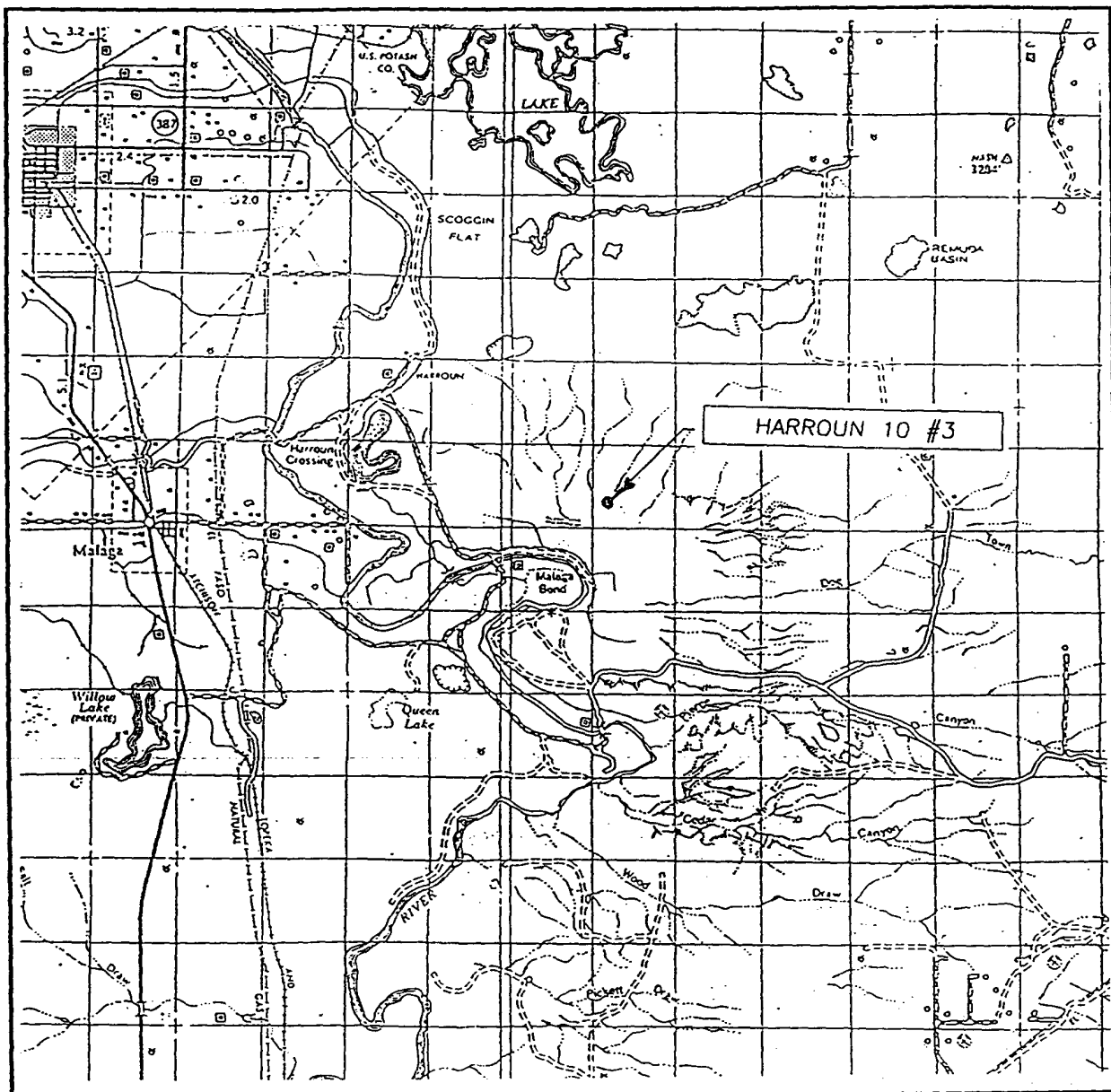
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

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

	<p>GEODETIC COORDINATES NAD 27 NME Y = 447975.9 X = 610106.1 LAT. 32°13'51.96"N LONG. 103°58'38.11"W</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Cathy Wright</i> Signature</p> <p>Cathy Wright Printed Name</p> <p>Sr. Operation Tech Title</p> <p>01/15/04 Date</p>
		<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>JANUARY 31, 2003</p>
		<p>Date Surveyed _____ L.A.</p> <p>Signature & Seal of Professional Surveyor</p> <p><i>Ronald J. Eidson</i> 2/1/03 03.11.0146</p>
		<p>Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12641</p>

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 10 TWP. 24-S RGE. 29-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 2310' FSL & 990' FWL

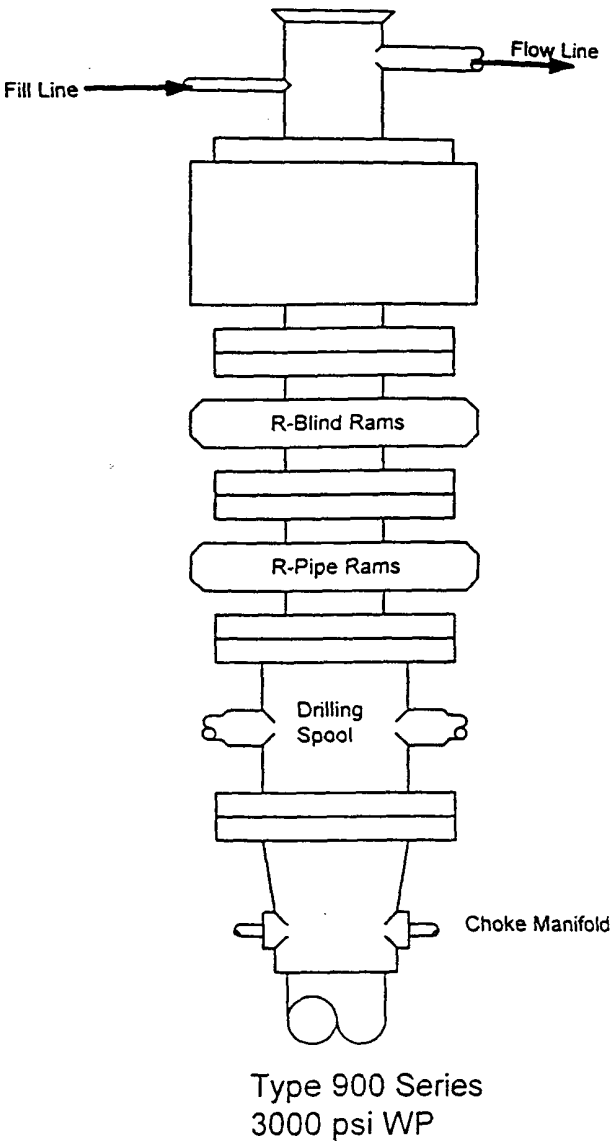
ELEVATION 2959'

OPERATOR POGO PRODUCING COMPANY

LEASE HARROUN 10

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

BLOWOUT PREVENTER SYSTEM



Choke Manifold Assembly for 3M WP System

