

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

Energy Minerals and Natural Resources

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

Revised March 17, 1999

Submit to appropriate District Office

State Lease - 6 Copies

Fee Lease - 5 Copies

RECEIVED

FEB 25 2005 AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL RE-ENTERED DEEPEN PLUG BACK OR ADD A ZONE

Operator Name and Address POGO PRODUCING COMPANY P.O. BOX 10340 MIDLAND, TEXAS 79702-7340		Well Number 17891
Property Code 17565	Property Name HARROUN "15"	Well No. 14

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County
D	15	24S	29E		660'	NORTH	750'	WEST	EDDY

8 Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County
Proposed Pool 1 UNDES. CEDAR CANYON-BONE SPRING (11520)					Proposed Pool 2				

Work Type Code N	Well Type Code O	Cable/Rotary ROTARY	Lease Type Code P	Ground Level Elevation 2930'
Multiple NO	Proposed Depth 8200'	Formation BONE SPRING	Contractor PATTERSON	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 Sx.	Surface
11"	8 5/8"	32	2900'	800 Sx.	Surface
7 7/8"	5 1/2"	17 & 15.5	8200'	1250 Sx.	TOC 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.

1. Drill 25' hole to 40'. Set 40' of 20" conductor pipe and cement to surface with Redi-mix
2. Drill 17 1/2" hole to 550'. Run and set 550' of 13 3/8" 48# H-40 ST&C casing. Cement with 250 Sx. of 65/35/6 Class "C" POZ-GEL, tail in with 200 Sx. of Class "C" cement + 2% CaCl + 1/2# Flocele/Sx. Circulate cement to surface.
3. Drill 11" hole to 2900'. Run and set 2900' of 8 5/8" 32# J-55 ST&C casing. Cement with 600 Sx. of 65/35/6 Class "C" POZ-GEL + 3% NaCl, tail in with 200 Sx. of Class "C" cement + 2% CaCl, + 1/2# Flocele/Sx. Circulate cement to surface.
4. Drill 7 7/8" hole to 8200'. Run and set 8200' of 5 1/2" casing as follows: 2000' of 5 1/2" 17# J-55 LT&C, 5200' of 5 1/2" 15.5# J-55 LT&C, 1000' of 5 1/2" 17# J-55 LT&C. Cement in 2 stages with DV Tool at 4500'±. Cement 1st stage with 650 Sx. of Class "C" cement + 8# of Gilsonite/Sx., 2nd stage cement with 600 Sx. of Class "C" cement + 8# of Gilsonite/Sx. Estimate top of cement 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:

Printed name: Joe T. Janica

Title: Agent

Date:

02/10/03

Phone:

505-391-8503

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

FEB 12 2005

Expiration Date:

Conditions of Approval:

DISTRICT I

P.O. Box 1888, Hobbs, NM 88241-1888

DISTRICT II

P.O. Boxer 50, Artesia, NM 88211-0710

DISTRICT III

1000 Elc Brasas 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

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	Pool Name
	11520	UNDES CEDAR CANYON-BONE SPRING
Property Code	Property Name	Well Number
17565	HARROUN 15	14
OGRIID No.	Operator Name	Elevation
17891	POGO PRODUCING COMPANY	2930'

Surface Location

UL or lot No.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
D	15	24-S	29-E		660'	NORTH	750'	WEST	EDDY

Bottom Hole Location If Different From Surface

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

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40			

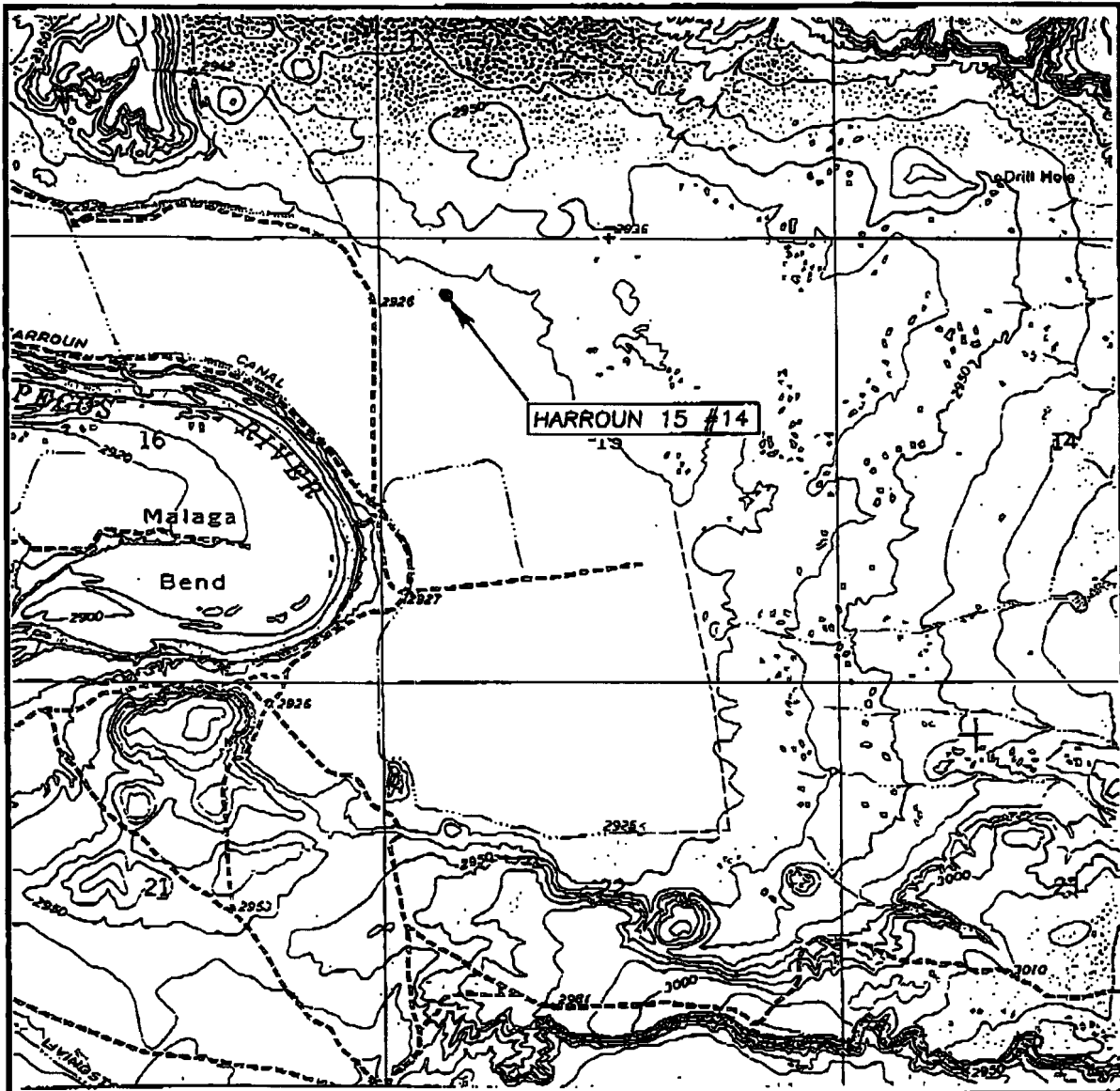
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

					OPERATOR CERTIFICATION I hereby certify the information contained herein is true and complete to the best of my knowledge and belief. Signature Joe T. Janica Printed Name Agent Title 02/10/03 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. FEBRUARY 07, 2003 Date Surveyed A.W.B. Signature Ronald E. Johnson Printed Name 03.11.01725 Date 02/10/03 Certificate No. 3239 Gary Johnson 12841	

[illegible]

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

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 10'
PIERCE CANYON, N.M.

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

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 660' FNL & 750' FWL

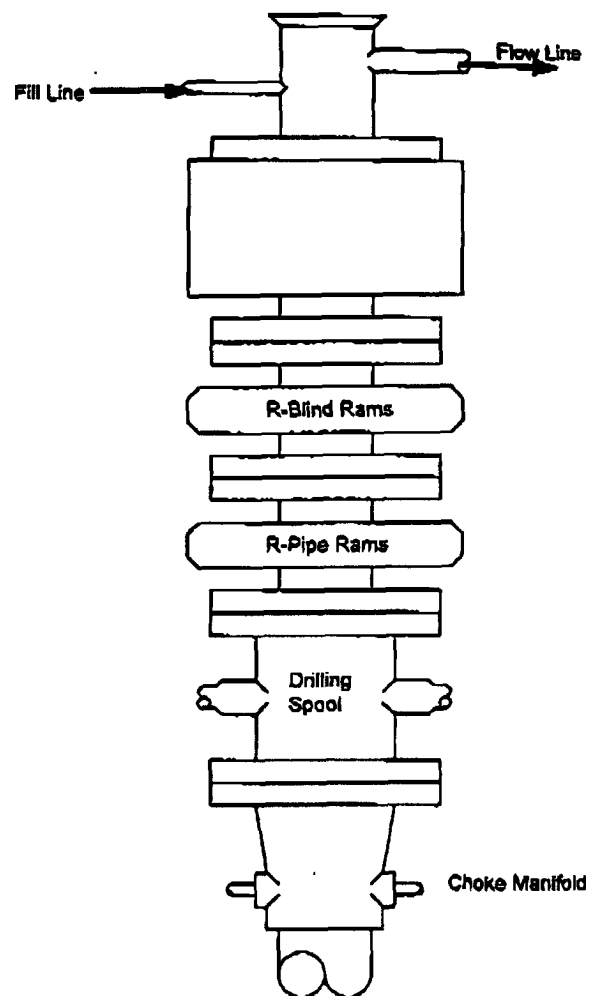
ELEVATION 2930'

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**

BLOWOUT PREVENTER SYSTEM



Type 900 Series
3000 psi WP

Choke Manifold Assembly for 3M WP System

