

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Ray Westall

3. ADDRESS AND TELEPHONE NO.

P.O. Box 4, Loco Hills NM 88255 (505) 677-2370

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

990' FNL & 660' FEL

At proposed prod. zone

Same

Unit A

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

20 miles southeast of Loco Hills NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drig. unit line, if any) 660'

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED

TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT. 1210

19. PROPOSED DEPTH

7800

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3663 GL

Capitan Controlled Water Basin

22. APPROX. DATE WORK WILL START*

ASAP

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20"	13 3/8" H-40	48# STC	500	350 sxs circulated
12 1/4"	8 5/8" J-55	24# STC	3100	500 sxs circulated
7 7/8"	5 1/2" J-55	17# LTC	7800'	700 sxs "H" 1st stage 500 sxs lite 2nd stage(tie back) with DV Tool @ 7000'

The surface hole will be drilled with fresh water, intermediate with 10# brine, production with cut brine.

A 10" 900s BOP will be installed on the 8 5/8" casing and tested to 3,000# prior to drill out.

If well is productive the 5 1/2" casing will be cemented at TD. If non-productive the well will be plugged and abandoned.

OPER. OGRID NO. 18862

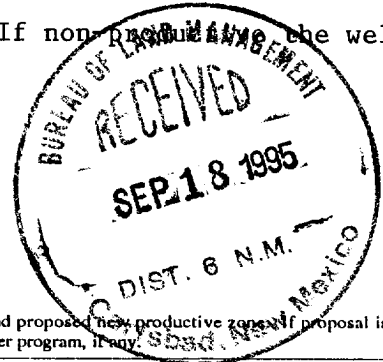
PROPERTY NO. 11672

POOL CODE 59478

EFF. DATE 12/8/95

API NO. 30-025-33218

Subject to
General Requirements and
Special Stipulations
Attached



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM. If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on wellbore locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE Geologist

DATE 9/15/95

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Joe G. LARA TITLE Acting Director DATE 12-6-95

*See Instructions On Reverse Side



District I
PO Box 1988, Hobbs, NM 88241-1988
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Branos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025-33218		2 Pool Code 59478		3 Pool Name West Tonto Delaware	
4 Property Code 11672		5 Property Name Federal "12"			6 Well Number 3
7 OGRID No. 18862		8 Operator Name Ray Westall			9 Elevation 3663

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
A	12	19 S	32 E		990	North	660	East	Lea

11 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

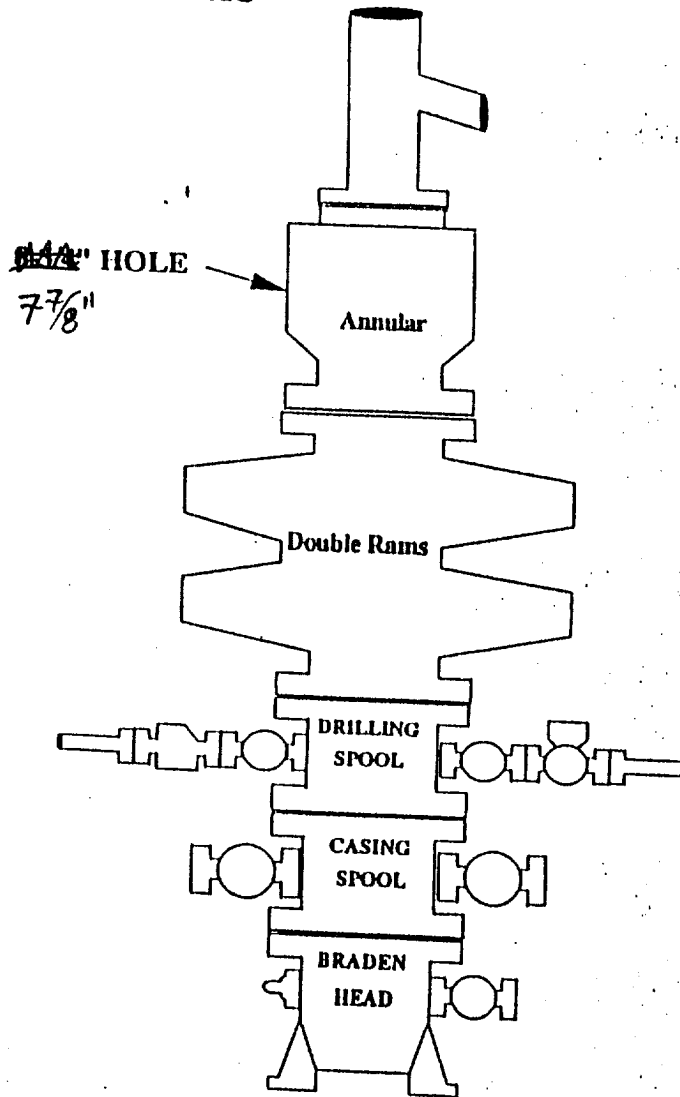
12 Dedicated Acres 40	13 Joint or Infill	14 Consolidation Code	15 Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

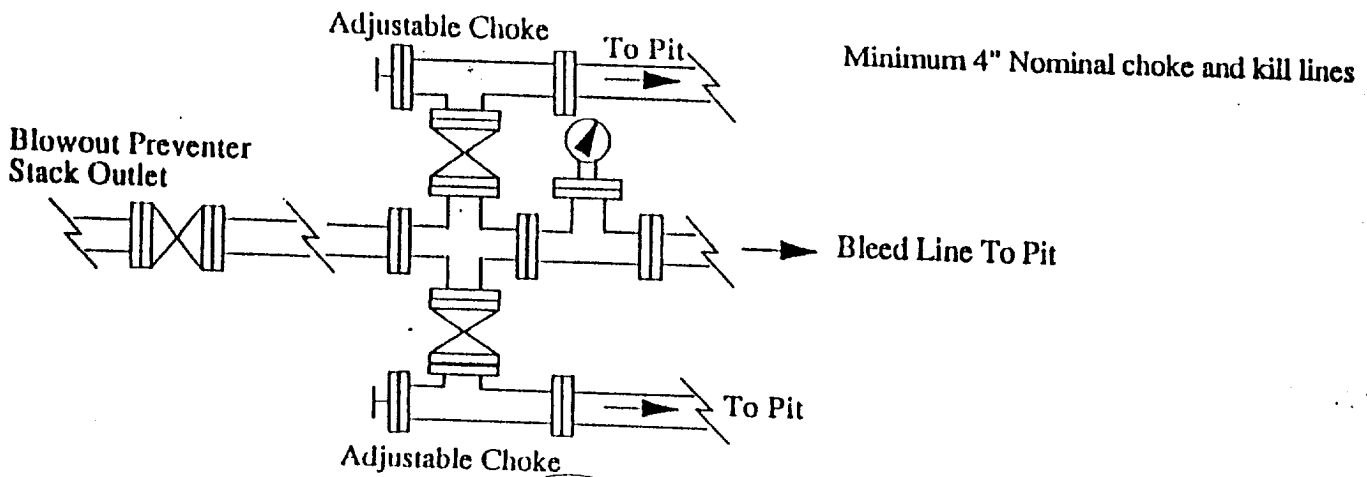
16					17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
					Signature 	
					Printed Name Randall L. Harris Title Geologist Date 9/15/95	
					18 SURVEYOR CERTIFICATION I hereby certify that the well location 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.	
					Date of Survey July 14, 1995 Signature and Seal of Professional Surveyor: 	



BOPE SCHEMATIC



Choke Manifold Requirement (3000 psi WP)



APPLICATION FOR DRILLING

Ray Westall
Federal "12" #3
990 FNL & 660 FEL
Section 12
Township 19 South, Range 32 East
Lea County, New Mexico

In conjunction with Form 3160-3, Application for Permit to Drill, Ray Westall submits the following ten items of pertinent information in accordance with BLM requirements:

1. The geological surface formation is Quaternary.
2. The estimated tops of geologic markers are as follows:

Yates	3470
Delaware	5800
Bone Springs	7600
3. The estimated depths at which anticipated water, oil & gas formations are expected to be encountered:

Water	0-180'
Oil and gas zones	3470-7600'
4. Proposed casing program: See 3160-3
5. Pressure Control Equipment:

A 10" 900s BOP will be installed on the 8 5/8" casing and tested to 3,000# prior to drill out.
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6. Mud Program:

Fresh water in surface hole.
Brine in intermediate hole.
Cut brine in production hole.
7. Auxiliary Equipment: None
8. Logging Program: CNL/FDC/Gr., DLL.
9. No abnormal pressures or temperatures are anticipated. Estimated BHP is 3500#, Estimated BHT is 130.F
10. Anticipated starting date:

As soon as possible.
Duration: 12 days drilling
5 days completion

