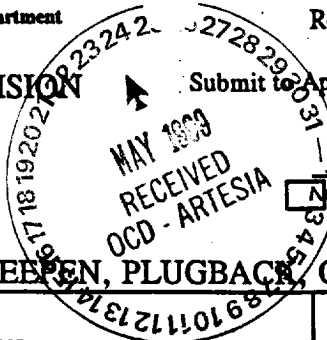


District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Geology, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised October 18, 1994
Instructions on back
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. YATES PETROLEUM CORPORATION 105 South Fourth Street Artesia, New Mexico 88210		2 OGRID Number 025575
		3 API Number 30-005-63209
4 Property Code 12841	5 Property Name Thunderhead TD State	6 Well No. 2

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
I	32	8S	26E		1500'	South	660'	East	Chaves

8 Proposed 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
9 Proposed Pool 1 Pecos Slope Abo 82730					10 Proposed Pool 2				

11 Work Type Code N	12 Well Type Code G	13 Cable/Rotary R	14 Lease Type Code S	15 Ground Level Elevation 3747'
16 Multiple S	17 Proposed Depth 4880'	18 Formation Abo	19 Contractor Undesignated	20 Spud Date ASAP

Minimum WOC time 18 hrs. 21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 3/4"	8 5/8"	24#	1100'	450 sx	Circulate
7 7/8"	4 1/2"	10.5#	4880'	350 sx	TOC 3900'

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.

Yates Petroleum Corporation proposes to drill and test the Abo and intermediate formations. Approximately 1100' of surface casing will be set and cement circulated to the surface. If commercial, production casing will be run and cemented with adequate cover. Will perforate and stimulate as needed for production.

MUD PROGRAM: 0-1100' FW Gel/Paper/LCM; 1100'-4400' Brine; 4400'-4880' Polyachrilamide.

BOPE PROGRAM: BOPE will be installed on the 8 5/8" casing and tested daily for operational.

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

Signature:

Printed name:

KEN BEARDEMPHL

Title:

LANDMAN

Date:

May 20, 1999

Phone:

505-748-4348

Signature of OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date: 5-26-99

Expiration Date: 5-26-00

Conditions of Approval:

Attached ☐

Notify N.M.O.G.C. in sufficient

time to witness cementing the 8 5/8" casing

Call at Spud

10 10 10 10 10

10 10 10 10 10

10 10 10 10 10
10 10 10 10 10
10 10 10 10 10

bug 2 10 10 10

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code	Pool Name Pecos Slope Abo
Property Code	Property Name THUNDERHEAD "TD" STATE		Well Number 2
OGRID No. 025575	Operator Name YATES PETROLEUM CORPORATION		Elevation 3784

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	32	8S	26E		1500	SOUTH	660	EAST	CHAVES

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	Joint or Infill	Consolidation Code	Order No.						
160									

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

N.33°34'24"
W.104°18'49"

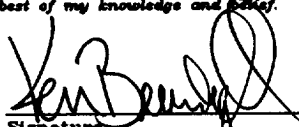
h6-2621

660'

1500'

OPERATOR CERTIFICATION

I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.


Signature

Ken Beradmepl
Printed Name


Landman
Title

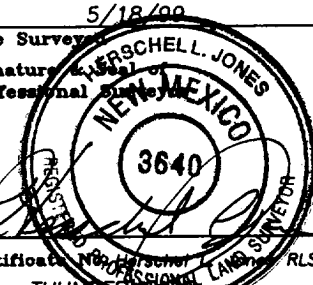
May 21, 1999
Date

SURVEYOR CERTIFICATION

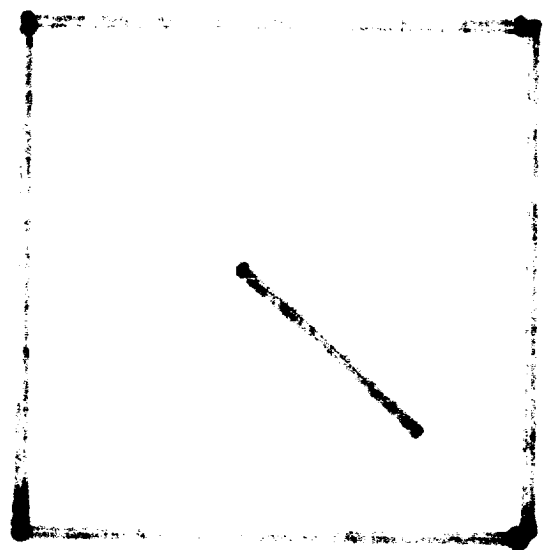
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

5/18/99
Date Surveyed


Signature of Professional Surveyor



Certificate No. 3640
THUNDERBOLT
GENERAL SURVEYING COMPANY

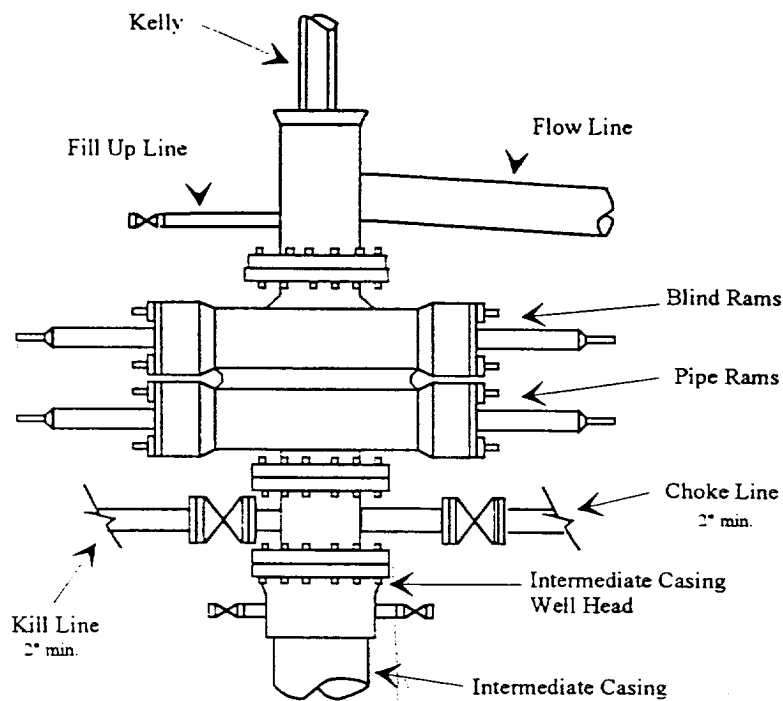




Yates Petroleum Corporation

BOP-2

Typical 2,000 psi Pressure System Schematic Double Ram Preventer Stack



Typical 2,000 psi choke manifold assembly with at least these minimum features

