

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II
811 South First, Artesia, NM 88210

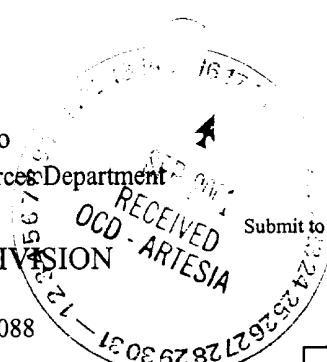
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87501

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

PO BOX 2088
Santa Fe, NM 87504-2088



Form C-101
Revised March 17, 1999
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- 012-2-116
⁴ Property Code 28889	⁵ Property Name Boyd BN Deep	⁶ Well No. 5

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	14	19S	25E		1980'	South	660'	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 Mississippian					¹⁰ Proposed Pool 2				

¹¹ Work Type Code E PB	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3440'
¹⁶ Multiple No	¹⁷ Proposed Depth 9450'	¹⁸ Formation Mississippian	¹⁹ Contractor Not Determined	²⁰ Spud Date ASAP

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/feet	Setting Depth	Sacks of Cement	Estimated TOC
14 3/4"	9 5/8"	36#	1205'	1200 sx	In Place
8 3/4"	7"	23# & 26#	8300'	1425 sx	In Place
6 1/8"	4 1/2" Liner	11.6#	9450'	200 sx	TOC 7650'

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 productivity. Describe the blowout prevention program, if any. Use additional sheets if necessary.

SEE ATTACHED PAGE 2.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature:		OIL CONSERVATION DIVISION	
Printed name: Cy Cowan		Approved by:	
Title: Regulatory Agent		Title: ORIGINAL SIGNED BY TIM W. GUM DISTRICT II SUPERVISOR	
Date: 09/14/01	Phone: (505) 748-1471	Approval Date: SEP 18 2001	Expiration Date: SEP 18 2002
		Conditions of Approval Attached <input type="checkbox"/>	

YATES PETROLEUM CORPORATION

Boyd BN Deep #5

Drilling Prognosis

Page 2

This well was originally drilled by Yates Petroleum Corporation. It was spudded on October 10, 1996 and TD was reached October 28, 1996.

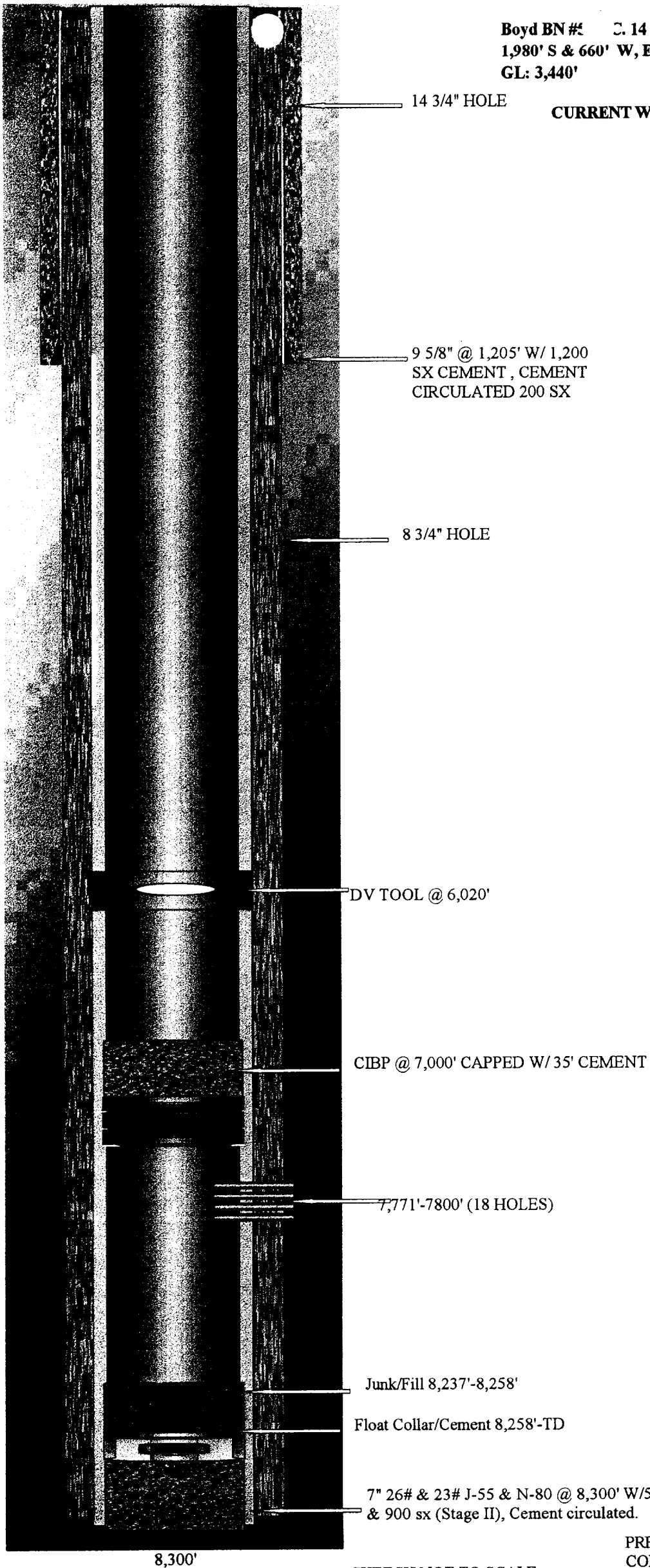
Yates Petroleum Corporation proposes to re-enter this well with a pulling unit and reverse unit. The 9 5/8" and 7" casing are set and cemented in place. The pulling unit will drill out the cast iron bridge plug and squeeze off the existing perforations (7771'-7800') and clean out the well to the old TD of 8300'. A drilling rig will then move in and deepen the well to 9450' with a 6 1/8" bit. The 4 1/2" liner will then be set from 7650' to 9450' and cemented in place with 200 sacks Super C Modified.

MUD PROGRAM: 0-8300' Cut Brine (Weight: 9.0-9.2, Vis: 30-34).
8300'-9450' Salt Gel/Starch/Drispac (Weight 9.2-9.8 Vis 30-38)

BOPE PROGRAM: 3000 # BOPE will be nipped up on 7" casing.

Boyd BN # 14 T19S-R25E
1,980' S & 660' W, EDDY COUNTY, NM
GL: 3,440'

CURRENT WELLBORE CONDITIONS



8,300'

-SKETCH NOT TO SCALE-

PREPARED BY
CORY FREDERICK 8/30/01

Boyd BN D #5 SEC. 14 T19S-R25E
1,980' S & 660' W, EDDY COUNTY, NM
GL: 3,440'

14 3/4" HOLE

WELLBORE AFTER RE-ENTRY

9 5/8" @ 1,205' W/ 1,200
SX CEMENT, CEMENT
CIRCULATED 200 SX

8 3/4" HOLE

DPV TOOL @ 6,020'

TOP OF 4 1/2" LINER 7,650'

7,771'-7800' (18 HOLES SQUEEZED)

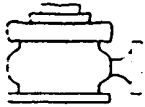
7" 26# & 23# J-55 & N-80 @ 8,300' W/525 SX (STAGE I)
& 900 sx (Stage II), Cement circulated.

6 1/8" HOLE

4 1/2" 11.6# P-110 LINER AT 9,450'
CEMENTED W/ 200 SX CEMENT

PREPARED BY
CORY FREDERICK 8/30/01
-SKETCH NOT TO SCALE-

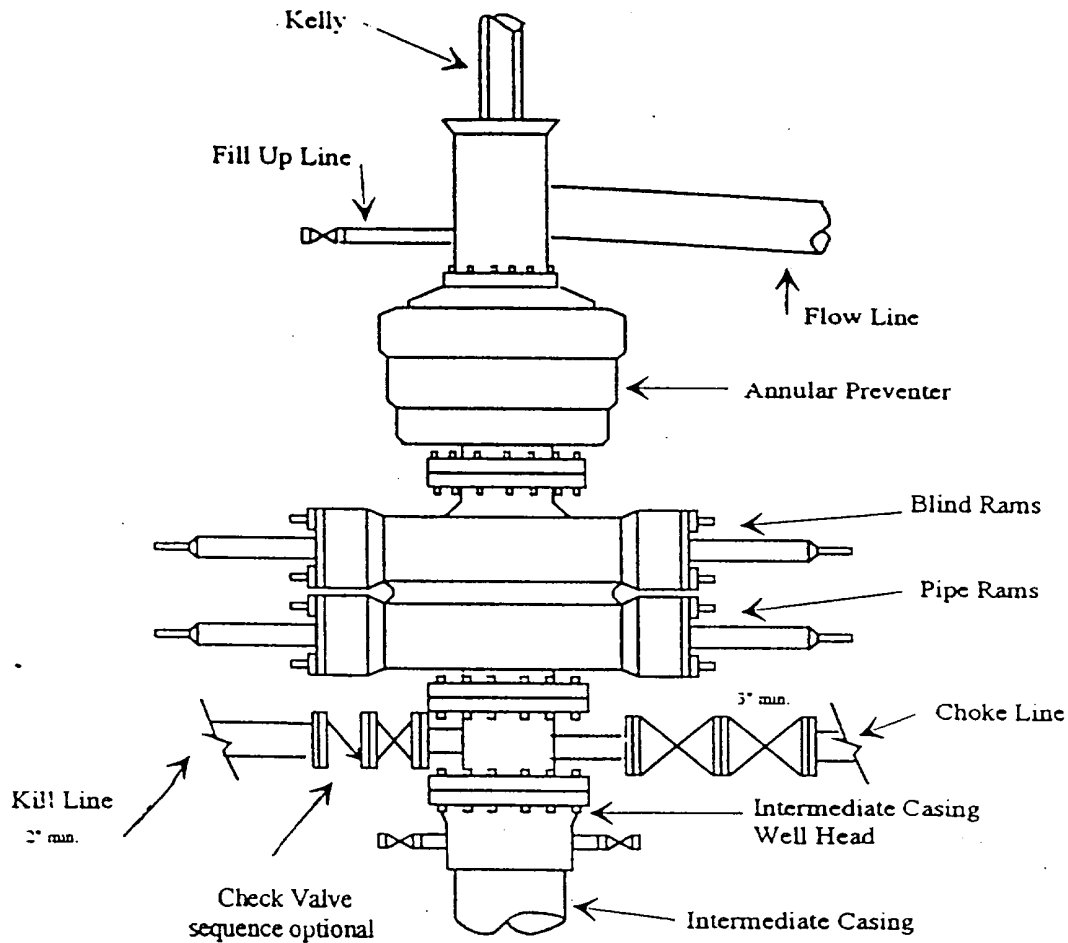
9,450'



Yates Petroleum Corporation

BOP-3

Typical 3,000 psi Pressure System Schematic Annular with Double Ram Preventer Stack



Typical 3,000 psi choke manifold assembly with at least these minimum features

