

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised March 17, 1999
Instructions on back
Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

DISTRICT II
811 South First, Artesia, NM 88210

OIL CONSERVATION DIVISION

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

PO BOX 2088
Santa Fe, NM 87504-2088

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87501

☐ 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 30-025-23534
⁴ Property Code 32577	⁵ Property Name Ghaste BDG State	⁶ Well No. 1

⁷ Surface Location

UL or lot no. P	Section 8	Township 11S	Range 32E	Lot Idn	Feet from the 660	North/South Line South	Feet from the 660	East/West Line East	County Lea
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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 Wildcat Morrow					¹⁰ Proposed Pool 2				

¹¹ Work Type Code E	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 4400'
¹⁶ Multiple No	¹⁷ Proposed Depth 11,281'	¹⁸ Formation Morrow	¹⁹ Contractor Not Determined	²⁰ Spud Date ASAP

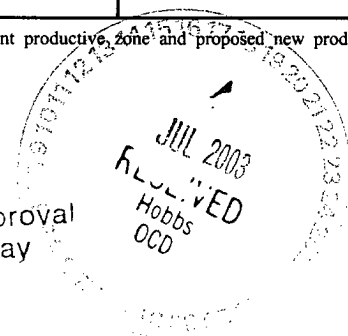
²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/feet	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	36#	355'-in place	300 sx	Circulated
11"	8 5/8"	24# & 32#	3531'-in place	350 sx	
7 7/8"	4 1/2"	11.6#	11281'	1350 sx	7100'

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.

See Attached Sheet.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway
Re-Entry



²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Clifton R. May</i>		OIL CONSERVATION DIVISION	
Printed name: Clifton R. May		Approved by: <i>Paul G. R...</i>	
Title: Regulatory Agent		Title: PETROLEUM ENGINEER	
Date: 07/17/03		Approval Date: JUL 21 2003 Expiration Date:	
Phone: (505) 748-4347		Conditions of Approval Attached <input type="checkbox"/>	

Certificate No.

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-63

All distances must be from the outer boundaries of the Section.

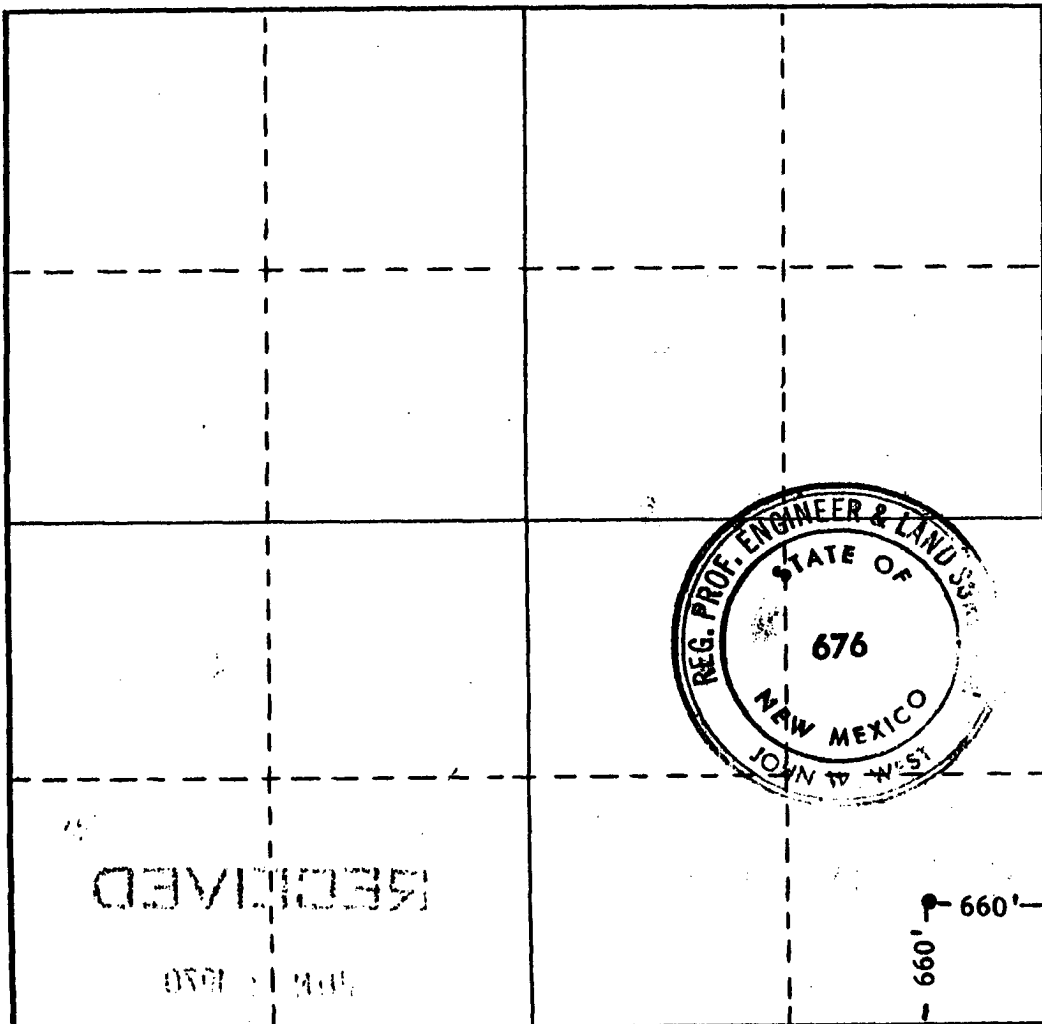
Operator JACK F. GRIMM			Lease GHASTE		Well No. 1
Unit Letter P	Section 8	Township 11 SOUTH	Range 32 EAST	County LEA	
Actual Footage Location of Well: 660 feet from the SOUTH line and 660 feet from the EAST line					
Ground Level Elev.	Producing Formation <i>New.</i>	Pool <i>Wilcox</i>	Dedicated Acreage: 40 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Name *Jack F. Grimm*
Position **Operator**
Company **Jack F. Grimm**

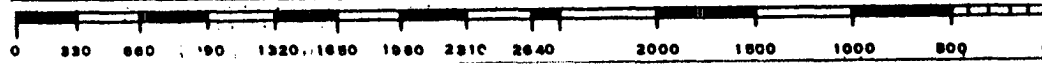
Date **June 13, 1970**

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 knowledge and belief.

Date Surveyed **JUNE 12, 1970**

Registered Professional Engineer and/or Land Surveyor

John W. West
Certificate No. **676**



YATES PETROLEUM CORPORATION

Ghaste BDG State #1 Re-entry

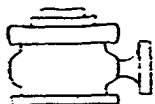
660' FSL & 660' FEL

Section 8-T11S-R32E

Lea County, New Mexico

Lease #VA-1852

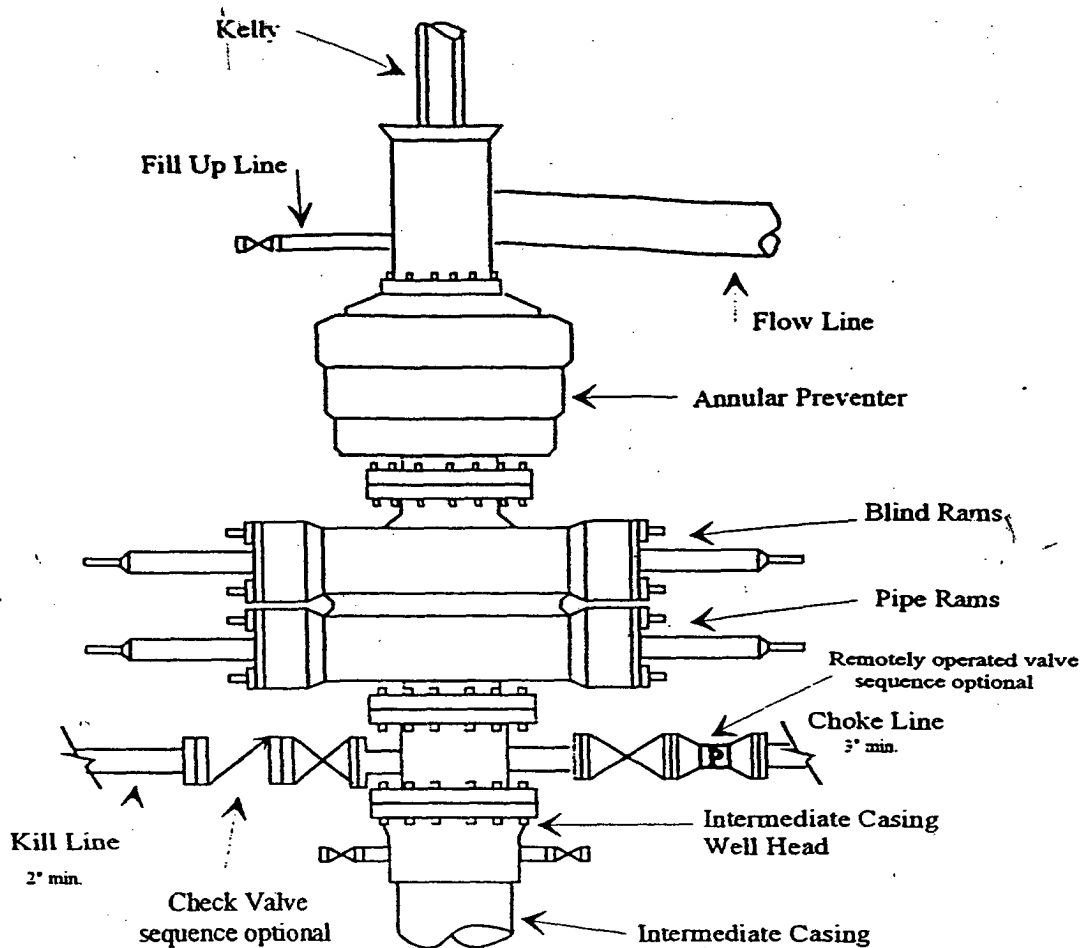
Yates Petroleum Corporation plans to re-enter this well bore that was originally drilled by Jack F. Grimm as their Ghaste No. 1. The well was plugged on 8/9/70. Yates plans to use a pulling unit and a reverse unit to drill out the plugs in the 8 5/8" casing and the 7 7/8" open hole to the original TD @ 11,281'. The hole will be circulated clean and a string of 4 1/2" casing will be ran to TD and cemented to 7100'+/- with 1350 sacks of cement. The well will be completed with a pulling unit in the Mississippian formation at 11220'-11240' or the Morrow at various intervals from 10600' to 11000'. The mud to be used will be 8.5 – 10 ppg cut brine with salt gel and starch. A 5000# BOPE will be installed on the 8 5/8" casing.



Yates Petroleum Corporation

BOP-4

Typical 5,000 psi Pressure System Schematic Annular with Double Ram Preventer Stack



Typical 5,000 psi choke manifold assembly with at least these minimum features

