

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

DISTRICT II
811 South First, Artesia, NM 88210

OIL CONSERVATION DIVISION

Submit to appropriate District Office

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

PO BOX 2088
Santa Fe, NM 87504-2088

State Lease - 6 Copies
Fee Lease - 5 Copies

DISTRICT IV
2040 South Pacheco, Santa Re, NM 8750:

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address Yates Petroleum Corporation 105 South Fourth Street Artesia, New Mexico 88210		OGRID Number 025575
		API Number 30-025-12712
Property Code 29794 L/T	Property Name Big Hat State Unit	Well No. 1

Surface Location

UL or lot no. Lot 20	Section 2	Township 16S	Range 33E	Lot Idn	Feet from the 1980	North/South Line South	Feet from the 660	East/West Line West	County Lea
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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
Proposed Pool 1 Wildcat Mississippian					Proposed Pool 2				

Work Type Code E	Well Type Code G	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 4216'
Multiple No	Proposed Depth 13,700'	Formation Atoka	Contractor Not Determined	Spud Date ASAP

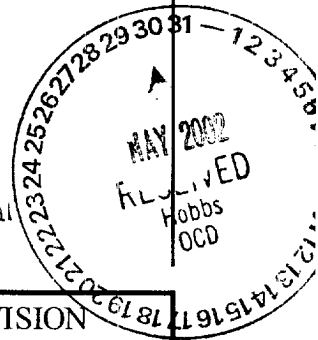
Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/feet	Setting Depth	Sacks of Cement	Estimated TOC
17 1/4"	13 3/8	48#	402'-in place	750 sx	Circulated
11"	8 5/8"	24#	4444'-in place	4370 sx	Circulated
7 7/8"	5 1/2"	17# & 20#	13700'	450 sx	TOC-10500'

Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new production. 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



I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <u>Clifton R. May</u>		OIL CONSERVATION DIVISION	
Printed name: Clifton R. May		Approved by: <u>ORIGINAL SIGNED BY</u>	
Title: Regulatory Agent		Title: <u>PAUL F. KAUTZ</u>	
Date: 05/30/02		Approval Date: <u>2002 8 0 1111</u>	
Phone: (505) 748-1471		Expiration Date: <u>RENEWAL DATE</u>	
		Conditions of Approval	
		Attached: <u>3 2002</u>	

YATES PETROLEUM CORPORATION

Big Hat State Unit #1 Re-entry

1990' FSL & 660' FWL

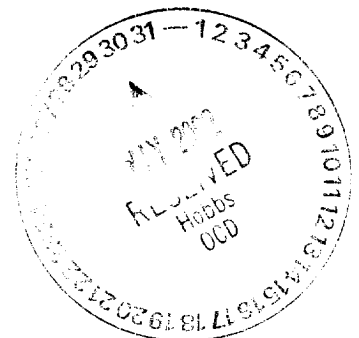
Section 2-T16S-R33E

Lea County, New Mexico

Lease VO-5444

Drilling Plans: Yates Petroleum Corporation plans to re-enter this well bore that was originally drilled by Gulf Oil Corporation as their South Saunders Unit #2 which was plugged in 1957. Yates will use a pulling unit and reverse unit to drill out the cement plugs using a 7 7/8" bit in the 8 5/8" casing which was set at 4444' and cemented with 4370 sacks. A drilling rig will be moved on and the plugs in the 7 7/8" open hole will be drilled out to the original TD of 11,500'. Then the well bore will be drilled deeper to a new TD of 13,700'. After reaching the new TD, a new suite of open hole logs will be ran. Yates will run 5 1/2" production casing to TD and will be cemented with approximately 450 sacks of cement to bring the cement top up to 10,500'+/-. The mud program to be used will be Salt Gel/Starch, 9.8-10.2# with a 40-50 viscosity, 10 or less water loss and 0.4% oil. A 3000# BOPE will be installed on the 8 5/8" casing.

The well will be completed using a pulling unit. The Morrow or Atoka formation will be the main target for completion.



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2040 South Pacheco, Santa Fe, NM 87506

STATE OF NEW MEXICO
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

FORM O-100
Revised March 17, 1999
Instruction on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-1271A	Pool Code ✓	Pool Name Wildcat Mississippian
Property Code 29794	Property Name Yates Big Hat State Unit	Well Number 1
OCRID No. 025575	Operator Name Yates Petroleum Corporation	Elevation 4216'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
20 L/T	2	16S	33E		1980'	South	660'	West	Lea

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 320	Joint or Infill	Consolidation Code	Order No.						

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

<div>660' ○ 1980'</div>		VA-5444	

OPERATOR CERTIFICATION

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

Clifton R. May
Signature

Clifton R. May
Printed Name

Regulatory Agent
Title

5/30/02
Date

293031-123460
1891017123

RECEIVED
MAY 2002
HOBBS
OCB

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.

Refer to Original Plat
Date Surveyed

Signature & Seal of Professional Surveyor

Certificate No. **Herschel L. Jones RLS 3640**

GENERAL SURVEYING COMPANY

NEW MEXICO
OIL CONSERVATION COMMISSION

Form C-128

Well Location and/or Gas Proration Plat

Date 4-2-1957

Operator Gulf Oil Corp. Lease South Saunders Unit

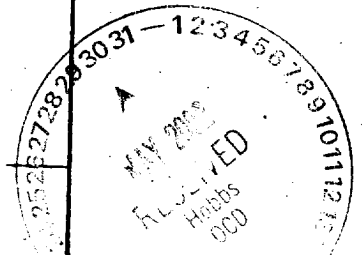
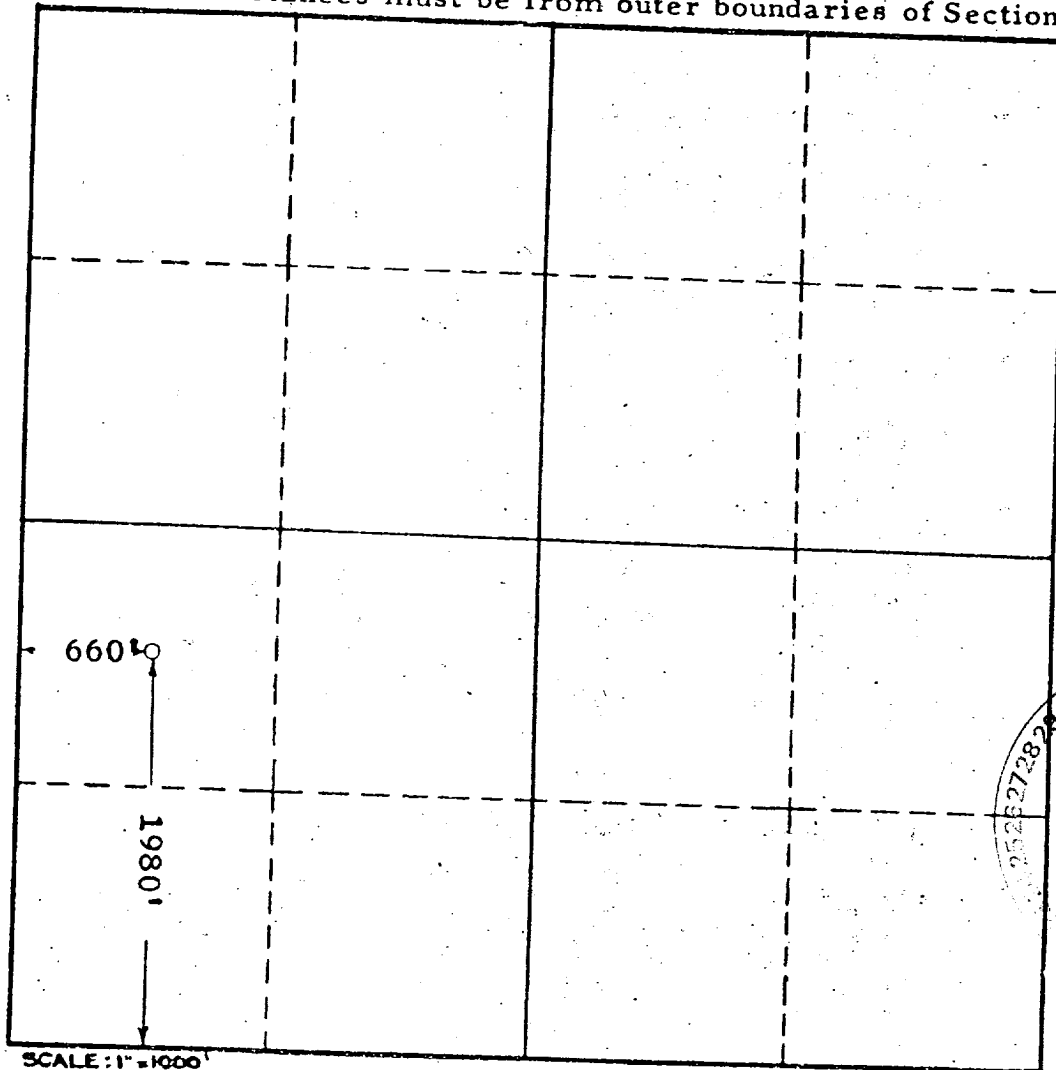
Well No. 2 Section 2 Township 16 South Range 33 East NMPM

Located 1980 Feet From South Line, 660 Feet From West Line,

Lea County, New Mexico. G. L. Elevation _____

Name of Producing Formation _____ Pool _____ Dedicated Acreage _____

(Note: All distances must be from outer boundaries of Section)



Is this Well a Dual Comp. ? Yes ___ No ___

If the answer to Question 1 is yes, are there any other dually completed wells within the dedicated acreage? Yes ___ No ___

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Date Surveyed 4-2-1957

John W. West
Registered Professional Engineer and/or
Land Surveyor

me _____
sition _____
presenting _____
ldress _____

Well Name: Big Hat State Ut. #1 Field: _____

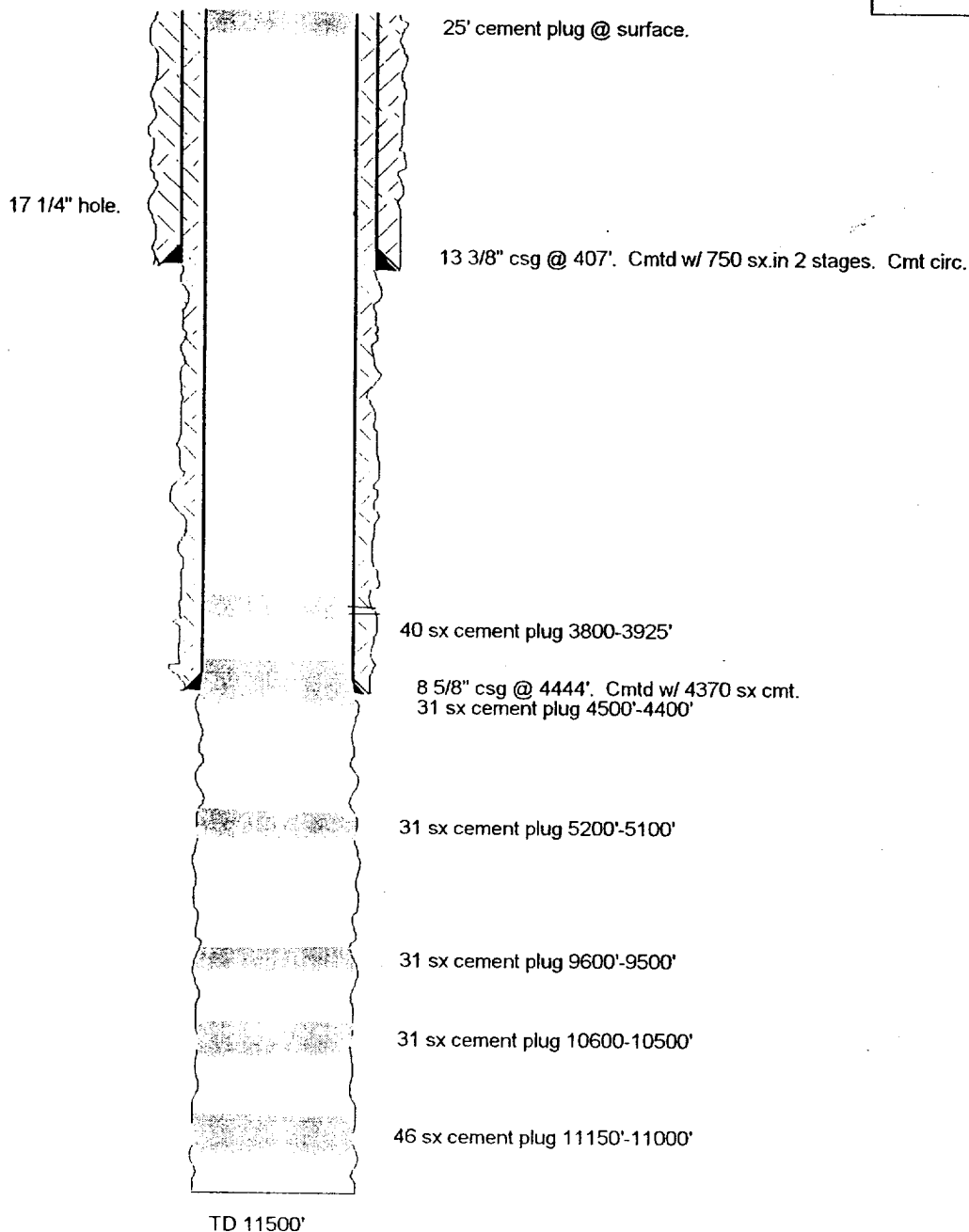
Location: 1980' FSL & 660' FWL Sec. 2-16S-33E Lea Co, NM

GL: _____ Zero: _____ AGL: _____ KB: _____

Spud Date: _____ Completion Date: _____

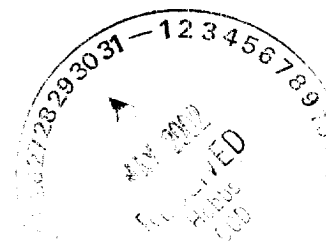
Comments: Re-entry of Gulf Oil Co. South Saunders Ut. #2

Casing Program	
Size/Wt/Grade/Conn	Depth Set
13 3/8" 48# H40	402'
8 5/8" 24# J55	4444'



SKETCH NOT TO SCALE

DATE: _____



Well Name: Big Hat State Ut. #1 Field: _____

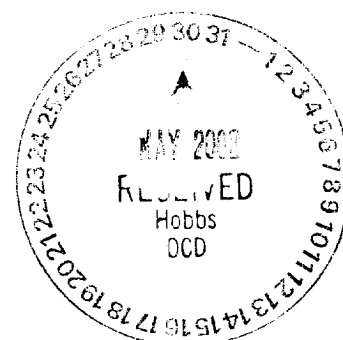
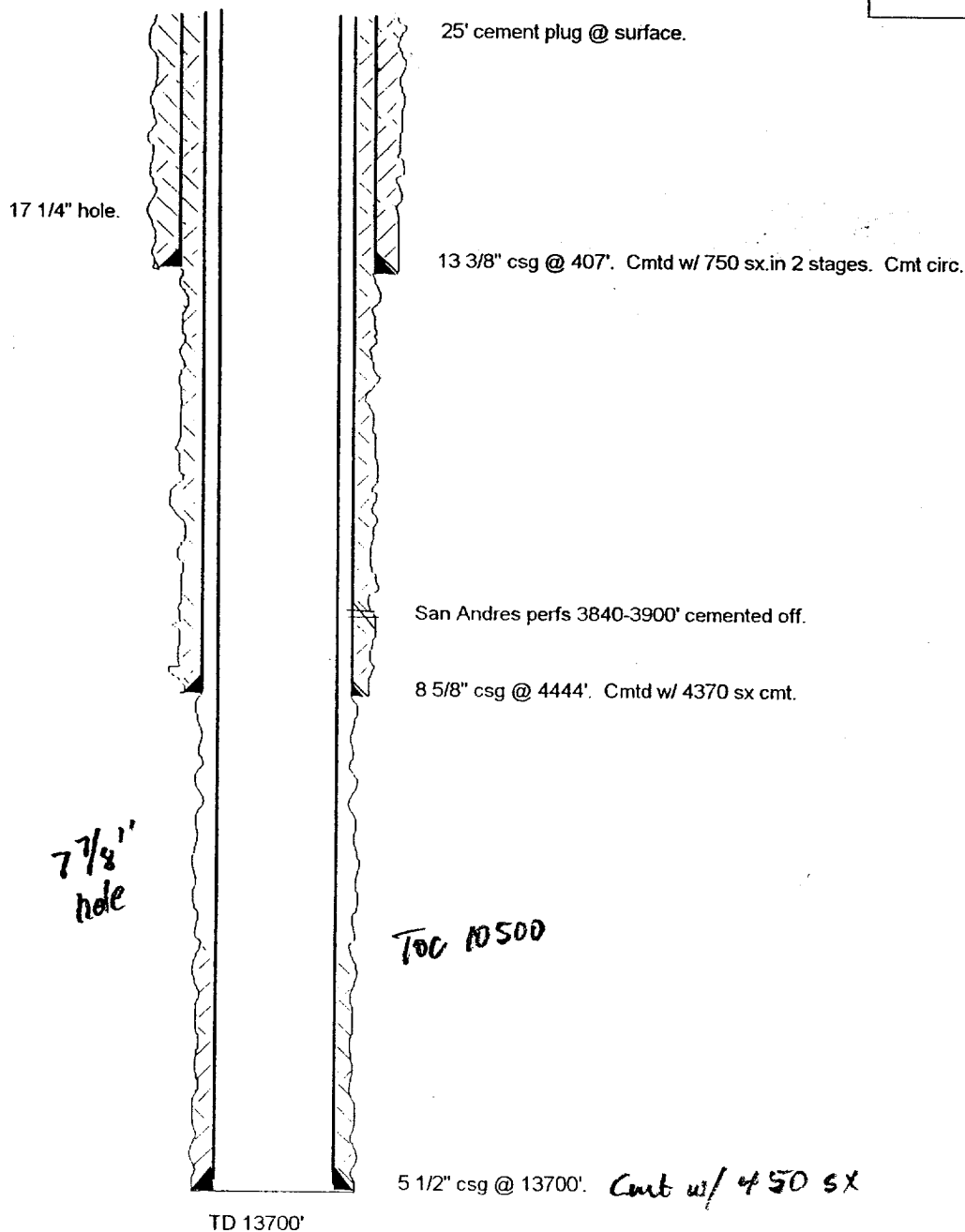
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DATE: _____