

# YATES PETROLEUM CORPORATION

105 S. 4th Street  
Artesia, NM 88210

# FAX

DATE:

4/4/02

NUMBER OF PAGES INCLUDING COVER SHEET: 5

TO:

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REMARKS:

Urgent

For Your Review

Reply ASAP

Please Comment

PA  
4.0

P&A proposal for Aviator "AVD" ST-4  
Chaves Co, NM

To Follow

3 Pages

For

Jim Pringle

Yates Aviator "AVO" State # 1

**Yates Aviator "AVO" State # 1**

A deviation report (C-104) and a completion report (C-105) needs to be filed on this well

**111.B. Deviated Wellbores: [7-26-95, 2-1-96; A, 7-31-97]**

(1) Deviation Tests Required. Any vertical or deviated well which is drilled or deepened shall be tested at reasonably frequent intervals to determine the deviation from the vertical. Such tests shall

be made at least once each 500 feet or at the first bit change succeeding 500 feet. A tabulation of all deviation

tests run, sworn to and notarized, shall be filed with Form C-104, Request for Allowable and Authorization

to Transport Oil and Natural Gas. [7-26-95, 2-1-96; A, 7-31-97]

(4) Directional Survey Requirements. Upon request from the Division Director, any vertical or deviated well shall be directionally surveyed. The appropriate Division District Office shall be

notified of the approximate time any directional surveys are to be conducted. All directional surveys run on

any well in any manner for any reason must be filed with the Division upon completion of the well. The

Division shall not assign an allowable to the well until all such directional surveys have been filed. [7-26-95,

2-1-96; A, 7-31-97]

**1105 WELL COMPLETION OR RECOMPLETION REPORT AND LOG (Form C-105)**

1105.A. Within 20 days following the completion or recompletion of any well, the operator shall file

Form C-105 with the Division. It must be filed in QUINTUPLICATE and each copy accompanied by a

summary of all special tests conducted on the well, including drill stem tests. In addition, one copy of all

electrical and radio-activity logs run on the well must be filed with Form C-105. If the Form C-105 with

attached log(s) and summaries is not received by the Division within the specified 20-day period, the allowable

for the well will be withheld until this rule has been complied with. [1-1-65...2-1-96]

AFE is approved X  
Need Reg Appvl.

### Yates Petroleum Corporation

Aviator "AVO" State #1  
1,980' FNL & 990' FWL  
Sec. 33, T9S, R27E  
Chaves County, New Mexico

#### Plug & Abandon the well

TD: 6,517'  
PBSD: 6,315', 35' of cement on a CIBP @ 6,350'  
KB Elevation: 3,901'  
GL Elevation: 3,891'

Surface Casing: 8 5/8", 24.00 #/ft., J-55, ST&C set @ 935' cemented w/ 625 sacks.  
Circulated to surface.

Production Casing: 5 1/2", 15.50 #/ft., J-55, ST&C set @ 6,492' cemented w/ 500 sacks.  
TOC - 3,730', CBL

Existing Perfs: **Wolfcamp**  
5,885' - 5,895', 22 holes, shot on 6/4/01  
5,916' - 5,928', 26 holes, shot on 3/21/02  
**Cisco**  
6,074' - 6,096', 46 holes, shot on 3/21/02

Tubing: 178 joints of 2 7/8", 6.50#/ft., J-55, EUE set @ 5,800' w/ a SN

1.) Notify the NMOCDD 24 hours before starting the plugging operations. MIRU a WSU & any safety equipment as needed. Bleed the pressure off the tubing & load the tubing & the casing w/ 30+/- BBLs of 2% KCL water then ND the wellhead & NU the BOP then release the packer & POOH w/ the tubing & the packer. Pump 2% KCL water as needed to keep the well dead.

2.) RU a wireline truck & RIH w/ a 5 1/2" gauge ring to 6,050' to make sure the casing is clear then RIH w/ a 5 1/2" CIBP & set the 1<sup>st</sup> plug @ 6,050' to cover the Cisco perfs. MU a dump bailer & RIH w the bailer & dump 35' of cement on top of the CIBP. RIH w/ another 5 1/2" CIBP & set the 2<sup>nd</sup> plug @ 5,850' to cover the Wolfcamp perfs. MU a dump bailer & RIH w the bailer & dump 35' of cement on top of the 2<sup>nd</sup> CIBP. RD the wireline truck.

3.) RIH w/ the tubing to 5,815' & circulate the hole w/ 10.0 ppg brine plugging mud w/ 25 lbs of gel/bbl in the mud then pull the tubing up to 4,850' & set a ~~1 1/2"~~ cement plug to cover the top of the Abo then POOH w/ the tubing. ND the BOP & latch onto the bell nipple & pull the casing slips & stretch the casing to locate the free point in the casing then NU the BOP & RU a wireline truck & RIH w/ a severing shot & cut the casing into above the free point @ about 3,700'+/- then RD the wireline truck. RU to POOH & lay down the 5 1/2" casing. Keep the hole full of mud when pulling the casing.

4.) RIH w/ the tubing to 3,750' +/- & spot a 35 sack cement plug in & out of the 5 1/2" casing f/ 3,750' to 3,650', wait 3 hours & tag the plug then pull the tubing to 2,650' & spot a 35 sack plug over the top of the Glorieta then move the tubing to 1,450' & spot a 35 sack over the top of the San Andres then move the tubing to 985' & spot a 35 sack plug f/ 985' to 885' across the casing shoe then wait 3 hours & tag this plug then pull the tubing up to the surface @ set a 25 sack plug @ the surface.

5.) ND the BOP & remove the wellhead & install a dry-hole marker & clean up the location.

Operations Engineering Supervisor Ray S date 3-4-02

Jim Pringle  
April 4, 2002  
e/eng/jimp/letters/aviatoravost#1p&a.doc

CC: Pinson, Dave B., Ray S., Dyke (2), Darrell, Ron, Cherry, Michelle, Master File