

CISF

Form 3160-5  
 (June 1990)

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT

FORM APPROVED  
 Budget Bureau No. 1004-0135  
 Expires: March 31, 1993

5. Lease Designation and Serial No.  
 NM 62161

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
 Diamondback Fed. No. 1

9. API Well No.

10. Field and Pool, or Exploratory Area  
 Serpentine Bends

11. County or Parish, State  
 Eddy, New Mexico

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
 Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

RECEIVED

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
 Yates Energy Corporation

3. Address and Telephone No.  
 P.O. Box 2323, Roswell, New Mexico 88202-2323 505-623-4935

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 2320' FNL and 500' FEL, Sec. 19, T-24-S, R-24-2

JUL 11 1996

OIL CON. DIV.

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other 8.625" (Inter) Casing Set Depth
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Well was drilled to 2250' KB on 6/25/96. Field and office personnel for Yates Energy Corporation selected this depth as casing point for 8.625" casing. BLM personnel agreed with the depth. The base of Capitan Reef pick was based solely on drill time; no samples were available since the hole was being "dry" drilled - no circulation. After drilling out, with circulation, it appears the base of the Capitan Reef was between 2260' KB (first sand in samples) and 2350' KB (100% sand sample); see back of this page for mud log section.

The NMOCD requires that intermediate casing be set 100 feet below the base of the Capitan Reef. I discussed this problem with Ken Livingston, NMOCD @ Artesia 6/28/96. He said to continue with drilling, but that Yates would be required to protect the reef by circulating cement on the long string or by setting plug(s) in the event of a dry hole. Prior discussions with BLM personnel indicated that setting casing at this depth would be acceptable; the original APD from the BLM requires circulation of cement on the long string.

Hard copies will be mailed 7/1/96.

14. I hereby certify that the foregoing is true and correct

Signed James F. Belmont Title Agent for YATES ENERGY CORP. Date 6/30/96

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_

Conditions of approval, if any:

ACCEPTED FOR RECORD  
 J. Lara  
 JUN 28 1996

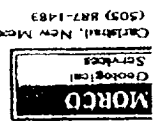
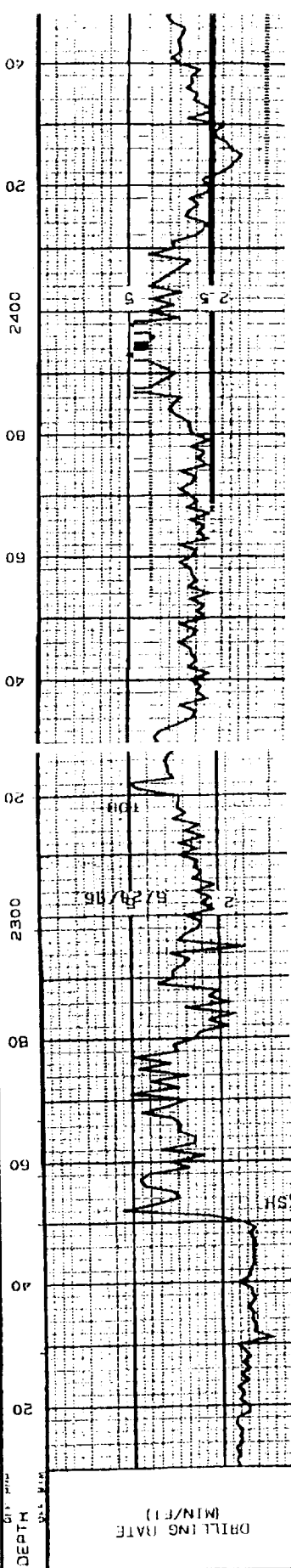
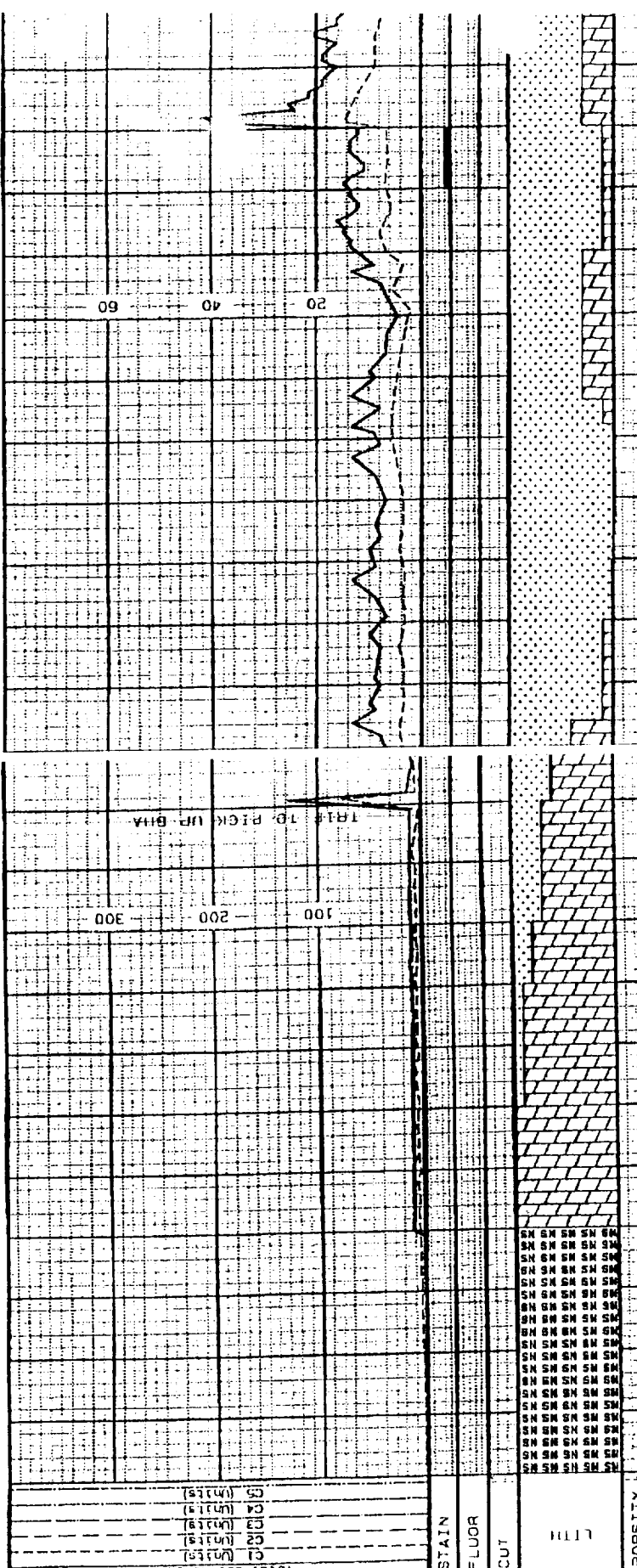
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

REMARKS  
 NOTE: DRILLING WITH NO  
 RETURNS -  
 DOL: crm. off. wht. buff. crm.  
 but: vfr-fn/x]n. sme  
 sucrr, hrd-mod hrd.  
 c]n. n. crtl.  
 SS. frs. c]r. v]n]grn. s]d.  
 crm. s]d. s]n. uncons. ■  
 v] s. d]c]n. s]n. p]t.

SS. frst. c]r. v]n]grn. s]d.  
 rnd-sub ang. uncons.]  
 wht c]y. tr. d]o]. 10%  
 dead stn in s]m]e  
 OLD crm. buff. off wht  
 v]n-m]c]r]x]n. d]se. crm  
 c]n. s]n.

SS. frs. c]r. v]n]grn. s]d.  
 crm. s]d. s]n. uncons. ■  
 v] s. d]c]n. s]n. p]t.

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 sucrr, hrd-mod hrd.  
 c]n. n. crtl.  
 SS. frs. c]r. v]n]grn. s]d.  
 crm. s]d. s]n. uncons. ■  
 v] s. d]c]n. s]n. p]t.



Geotechnical Services  
 Cortland, New Mexico  
 (505) 827-1483

Company: Yates Energy  
 Well: Diamond Back Fed 1  
 Location: EDDY Co., NEW MEXICO