

NM OIL CONS. COMMISSION  
 UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*  
 (See other instructions on reverse side)

Form approved.  
 Budget Bureau No. 42-R355.5.

C/S 77

5. LEASE DESIGNATION AND SERIAL NO.  
 NM 2359

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 Sorenson IB Federal

9. WELL NO.  
 4

10. FIELD AND POOL, OR WILDCAT  
 Pecos Slope Abo

11. SEC. T. R., M., OR BLOCK AND SURVEY AREA  
 Unit J, Sec. 6-T7S-R26E

12. COUNTY OR PARISH  
 Chaves

13. STATE  
 NM

WELL COMPLETION OR RECOMPLETION REPORT LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other  **DEC 19 11 09 AM '83**

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other  **BURDENED MON. NO. WELL RECEIVED BY**

2. NAME OF OPERATOR  
 Yates Petroleum Corporation

3. ADDRESS OF OPERATOR  
 207 South 4th St., Artesia, NM 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  C. D.  
 At surface 2248 FSL & 1989 FEL, Sec. 6-T7S-R26E  
 At top prod. interval reported below  
 At total depth

**DEC 28 1983**  
 ARTESIA, OFFICE

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED 11-19-83 16. DATE T.D. REACHED 11-29-83 17. DATE COMPL. (Ready to prod.) 12-13-83 18. ELEVATIONS (LF, REB, RT, GR, ETC.)\* 3651.4' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 4235' 21. PLUG, BACK T.D., MD & TVD 4090' 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY ROTARY TOOLS 0-4235' CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 3684-3863' Abo 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN CNL/FDC; DLL 27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10-3/4"	40.5#	907'	14-3/4"	950	
4-1/2"	9.5#	4235'	7-7/8"	755	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	3632'	3632'

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3684-3863	w/3000g. 7 1/2% acid + ball sealers. SF w/50000g. gel KCL wtr, 110000# 20/40 sd.

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
12-13-83	Flowing	SIWOPLC					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12-13-83	3	1/2"	→	-	221	-	-
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
270	Pkr	→	-	1772	-	-	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented - Will be sold ACCEPTED FOR RECORD TEST WITNESSED BY Bill Hansen

35. LIST OF ATTACHMENTS Deviation Survey (ORIG. SGD.) DAVID R. GLASS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
 SIGNED *David R. Glass* TITLE Production Supervisor DATE 12-14-83

*Posted 12-23-83  
 Comp. 12-23-83*

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on Items 22 and 24, and 33, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see Item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in Item 22, and in Item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in Item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Sacks Cement": Attached supplementary records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for Items 22 and 24 above.)

**37. SUMMARY OF POROUS ZONES:**  
 SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; COILED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING  
 DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38.	GEOLOGIC MARKERS	TOP	
						MEAS. DEPTH	TRUE VERT. DEPTH
					San Andres	594	
					Glorieta	1566	
					Fullerton	2978	
					Abo	3622	