

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on reverse side)

Form approved,  
Budget Bureau No. 4-8555

C/SF

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐ RECEIVED

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR Yates Petroleum Corporation / MAR 29 1982

3. ADDRESS OF OPERATOR 207 South 4th St., Artesia, NM 88210 O. C. D. ARTESIA, OFFICE

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface: 1980 FSL & 990 FWL, Sec. 10-T8S-R25E

At top prod. interval reported below

At total depth

5. LEASE DESIGNATION AND SERIAL NO

NM 18483

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Morton SZ Federal

9. WELL NO.

1

10. FIELD AND POOL OR WILDCAT

Wildcat Abo

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Unit L, Sec. 10-8S-25E

14. PERMIT NO. DATE ISSUED

12. COUNTY OR PARISH

Chaves

13. STATE

NM

15. DATE SPUNDED 2-2-82 16. DATE T.D. REACHED 3-8-82 17. DATE COMPL. (Ready to prod.) 3-25-82 18. ELEVATIONS (DF, RKB, ET, GR, ETC.)\* 3641' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 4150' 21. PLUG, BACK T.D., MD & TVD 4101' 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY 0-4150' 24. PRODUCING INTERVAL(S), OF THIS COMPLETION (TOP, BOTTOM, NAME (MD AND TVD))\* 3878-3974' 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
20"		40'	24"		
10-1/4"	40.5#	1009'	14-3/4"	800	
4-1/2"	9.5#	4149'	7-7/8"	350	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	3858'	3858'

31. PERFORATION RECORD (Interval, size and number)

3878-3974' w/14 .50" holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3878-3974'	w/2000g. 7 1/2% Spearhead acid. SF w/40000g. gel KCL wtr, 39 1/2 tons CO2, 80000# 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)	
3-25-82		Flowing				SIWOPLC	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3-25-82	6	3/4"		-	228	-	-
FLOW, TUBING LOSS.	CASING PRESS. LB.	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
50	Packer		-	913	-	-	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented - Will be sold

TEST WITNESSED BY

Bill Hansen

35. LIST OF ATTACHMENTS

Deviation Survey

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED: [Signature] TITLE Engineering Secretary

DATE 3-26-82

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

Posted ID-2  
+ Comp. Book  
SI  
4-2-82

# 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 33.

**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:** "Secks (cement)". Attached supplemental 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 LOGS AND ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DEPTH-STEP TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

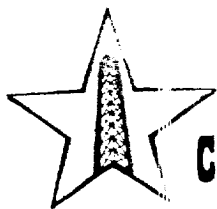
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
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38.

## GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
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San Andres	515		
Glorieta	1480		
Fulleton	2911		
Abo	3631		



# Collier Drilling Corp.

PHONES (505) 746-3596 (505) 746- 6520  
BOX 271 - ARTESIA NEW MEXICO 88210

WELL NAME AND NUMBER Morton "S2" Federal #1  
LOCATION Section 10 T-8-S, R-25-E 660' FSL & 1980' FWL  
OPERATOR Yates Petroleum Corporation, 207 South Fourth Street, Artesia, NM 882

The undersigned hereby certifies that he/she is an authorized representative of Collier Drilling Corp. and that the following information as set forth by the drillers for Collier Drilling Corp. on their Survey of Directional Drilling is true and correct to the best of his/her information and belief.

<u>DISC NO.</u>	<u>DATE</u>	<u>DEPTH</u>	<u>DRIFT</u>	<u>DRILLER</u>
<u>1</u>	<u>3/1/82</u>	<u>512'</u>	<u>1 1/2°</u>	<u>Randy Turner</u>
<u>2</u>	<u>3/2/82</u>	<u>1015'</u>	<u>1°</u>	<u>Gary Sutton</u>
<u>3</u>	<u>3/4/82</u>	<u>1521'</u>	<u>3/4°</u>	<u>Randy Turner</u>
<u>4</u>	<u>3/5/82</u>	<u>2030'</u>	<u>3/4°</u>	<u>Gary Sutton</u>
<u>5</u>	<u>3/5/82</u>	<u>2537'</u>	<u>1°</u>	<u>Bob Watkins</u>
<u>6</u>	<u>3/6/82</u>	<u>3044'</u>	<u>1°</u>	<u>Kevin Huseman</u>
<u>7</u>	<u>3/7/82</u>	<u>3552'</u>	<u>1°</u>	<u>Randy Turner</u>
<u>8</u>	<u>3/8/82</u>	<u>4063'</u>	<u>1°</u>	<u>Randy Turner</u>
<u>9</u>	<u>3/8/82</u>	<u>4150'</u>	<u>1 1/4°</u>	<u>Bob Watkins</u>

By Bobbie J. Mitchell  
Title Secretary

Subscribed and sworn to before me this 30 day of March, 1982

Alta J. Osaway  
Notary Public

My commission expires:

August 11, 1984

