

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUBMIT TO COMMISSION NM OIL COM. (See other instructions on back of form) Artesia, NM 88210

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

5. LEASE DESIGNATION AND SERIAL NO. 18038

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME Loving Federal Com

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT N. Loving Atoka

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

Sec 4-T23S-R28E

12. COUNTY OR PARISH Eddy 13. STATE NM

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

1b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESER.  Other

2. NAME OF OPERATOR Gulf Oil Corporation

MAR 25 1983

3. ADDRESS OF OPERATOR P. O. Box 670, Hobbs, NM 88240

O. C. D. ARTESIA, OFFICE

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

At surface 1980' FNL & 2235' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

15. DATE SPUNDED 12-3-82

16. DATE T.D. REACHED 2-1-83

17. DATE COMPL. (Ready to prod.) 3-2-83

18. ELEVATIONS (DF, BEB, BT, GR, ETC.)\* 3030' GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 12,721'

21. PLUG, BACK T.D., MD & TVD 12,641'

22. IF MULTIPLE COMPL., HOW MANY\* Single

23. INTERVALS DRILLED BY ROTARY TOOLS p'-12,721'

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 11,458' - 11,540' Atoka

25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN CNL-FDC, DLL, MSFL

27. WAS WELL CORED No

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

Table with columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED. Rows include 20", 10-3/4", 7-5/8" casing sizes.

29. LINER RECORD

Table with columns: SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT\*, SCREEN (MD). Row includes 5" size, 9881' top, 12,716' bottom.

30. TUBING RECORD

Table with columns: SIZE, DEPTH SET (MD), PACKER SET (MD). Row includes 2-3/8" size, 11,386' depth set.

31. PERFORATION RECORD (Interval, size and number)

11,458-62', 11,474-82', 11,490-98', 11,536-40' w/(4) JHPF

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

DEPTH INTERVAL (MD) None

AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION

DATE FIRST PRODUCTION 3-2-83 PRODUCTION METHOD Flowing WELL STATUS Shut In

DATE OF TEST 3-2-83 HOURS TESTED 4 CHOKER SIZE -- PROD'N. FOR TEST PERIOD 0 OIL-BBL. 1581 GAS-MCF. 0 WATER-BBL. 0 GAS-OIL RATIO

FLOW. TUBING PRESS. 3250# CASING PRESSURE 0# CALCULATED 24-HOUR RATE 0 OIL-BBL. 9491 GAS-MCF. 0 WATER-BBL. 0 OIL GRAVITY-API (CORR.)

84. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Waiting on Connection

ACCEPTED FOR RECORD

TEST WITNESSED BY

(ORIG. SGD.) DAVID R. GLASS

MAR 23 1983

SIGNED W J Simpson

TITLE MINERALS MANAGEMENT SERVICE ROSWELL, NEW MEXICO

DATE 3-8-83

\*(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 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 POROUS ZONES:**

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

FORMATION	TOP		DESCRIPTION, CONTENTS, ETC.	BOTTOM		GEOLOGIC MARKERS		
	TOP	BOTTOM		TOP	BOTTOM	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Atoka	11,433	11,566	1-14-83 IHP 7138, FHP 7074, 5 min int flow IF 4125-4316, 1 hr flow IP 5679, FP 5083, 1 hr ISIP 5823, 2 hr FSIP 5791, rec 155' drilling fluid, sampler press 3200 psi, 24.37 cu ft gas  3-3-83 4 point test: SI pres 4475# (4275# - 3.75 MMCFD) (4100# - 5.2 MMCFD) (3700# - 7.8 MMCFD) (3250# - 9.6 MMCFD)					
						Bell Canyon	2,518	( 542)
						Bone Spring	6,494	(-3,434)
						Bone Spring #1	6,942	(-3,882)
						Bone Spring #2	7,876	(-4,816)
						Bone Spring #3	9,087	(-6,027)
						Wolfcamp	9,432	(-6,372)
						Atoka	11,186	(-8,126)
						Morrow	11,965	(-8,905)
						Morrow Shale	12,510	(-9,450)
						Barnett	12,620	(-9,560)