

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
HOBBS, NEW MEXICO 88240Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

LC-032579

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

UNION FEDERAL

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Langlie Mattix-7R, Q-Gb

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

Sec. 27-T25S-R37E

12. COUNTY OR PARISH

Lea

13. STATE

NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

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

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

MORRIS R. ANTWEIL

3. ADDRESS OF OPERATOR

P. O. Box 2010, Hobbs, New Mexico 88240

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

At surface 1980' FNL & 330' FEL of Sec. 27

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

26 Dec 81

16. DATE T.D. REACHED

6 Jan 82

17. DATE COMPL. (Ready to prod.)

22 March 82

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

3031.4 GR

19. ELEV. CASING HEAD

3031.4

20. TOTAL DEPTH, MD & TVD

3375'

21. PLUG BACK T.D., MD & TVD

3335'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

0-3375

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME—(MD AND TVD)*

3217'-3311' - Queen

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL-FDC-GR, DLLO-RXO

27. WAS WELL CORRED

NO

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	20	376'	12-1/4"	250 sx - Circ.	None
4-1/2"	10.5	3375'	7-7/8"	1050 sx - Circ.	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
None				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	3315'	

31. PERFORATION RECORD (Interval, size and number)

3217, 3218, 3222, 3223, 3227, 3229, 3237, 3238, 3244, 3246, 3248, 3261, 3263, 3266, 3272, 3274, 3276, 3282, 3284, 3287, 3289, 3292, 3294, 3308, 3310 & 3311

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3217'-3311'	3500 gals acid
	20,000 gals 50/50 wtr/60% &
	45,000# sand

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
15 Feb 82		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
22 Mar 82	24	--	2.5	2.5	12.04	16.5	4816
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY API (CORR.)	
--	--	--	2.5	12.04	16.5	32.2	

34. DISPOSITION OF GAS AND OTHER BY-PRODUCTS (If not vented, etc.)

Vented

35. LIST OF ATTACHMENTS

Logs & Deviation Summary

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

SIGNED

TITLE

Agent

DATE 3/24/82

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

ILLEGIBLE

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 of items 22 and 24, and 83, 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 85.

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) state in item 22, and in item 24 show the producing interval 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: CORDED INTERVALS, AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTS, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Anhydrite	881 (+2163)	1044 (+2000)	Anhydrite
Salt	1044 (+2000)	2330 (+714)	Salt
Tansil	2330 (+714)	2661 (+383)	Salt; dolomite, shale tr sandstone
Yates	2661 (+383)	2870 (+174)	L dol, ss, salt
Seven Rivers	2870 (+174)	3241 (-197)	L dol, sh, ss
Queen	3241 (-197)		Limey dol tr ss, sh

GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH

ILLEGIBLE

APR 17 1982

O.C.O.
HOBBS OFFICE