

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See o. n-
structio. n
reverse side)

Form approved.
Budget Bureau No. 42-R355.6.

5. LEASE DESIGNATION AND SERIAL NO.

LC-032450 (b)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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 PLEGG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR
Amoco Production Company

3. ADDRESS OF OPERATOR
P. O. Drawer A, Levelland, Texas 79336

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 2030' FNL and 1880' FWL (Unit F SE/4 NW/4) Sec. 15
At top prod. interval reported below
At total depth

14. PERMIT NO. DATE ISSUED

7. UNIT AGREEMENT NAME
South Mattix Unit

8. FARM OR LEASE NAME
South Mattix Unit

9. WELL NO.
27

10. FIELD AND POOL, OR WILDCAT
Fowler Upper Yeso

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA
15-24-37 NMPM

12. COUNTY OR PARISH
Lea

13. STATE
N.M.

15. DATE SPUDDED 9-28-77 16. DATE T.D. REACHED 11-3-77 17. DATE COMPL. (Ready to prod.) 12-30-77 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3264.6 RDB 19. ELEV. CASINGHEAD --

20. TOTAL DEPTH, MD & TVD 5764' 21. PLUG, BACK T.D., MD & TVD 5761' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ROTARY TOOLS 0 to TD CABLE TOOLS --

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5144'-5658' Upper Yeso 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Laterolog Micro SFL, Compensated Neutron Formation Density 27. WAS WELL CORED Yes

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	32.3# & 36#	1026'	12 1/4"	375sx Econolite&100sxClass	C Circ 50 sx
7"	20# & 23#	5100'	8-3/4"	1300 sx Econolite&100sxClass	C Circ 240 sx

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD SIZE	DEPTH SET (MD)	PACKER SET (MD)
5"	4988	5764	75 sx ClassH		2-3/8"	5663'	--

31. PERFORATION RECORD (Interval, size and number)
5144'-54', 5156'-62', 5170'-76', 5194'-5203', 5207'-12', 5218'-26', 5232'-42', 5250'-56', 5262'-68', 5272'-76', 5280'-86', 5290'-96', 5314'-20', 5326'-30', 5344'-50', 5360'-64', 5376'-82', 5388'-92', 5394'-97', 5404'-14', 5508'-12', 5532'-36', 5570'-74', 5579'-84', 5600'-04', 5608'-14', 5632'-42', 5654'-58' PRODUCTION 2-JSPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5314'-5658'	3000 gal 15% NE acid
5194'-5296'	2000 gal 15% NE acid
5144'-5176'	1000 gal 15% NE acid

DATE FIRST PRODUCTION 11-13-77 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 12-30-77 HOURS TESTED 24 CHOKER SIZE 20/64" PROD'N. FOR TEST PERIOD OIL—BBL. 110 GAS—MCF. 296 WATER—BBL. 5 GAS-OIL RATIO 2691

FLOW. TUBING PRESS. 100# CASING PRESSURE 530# CALCULATED 24-HOUR RATE OIL—BBL. 110 GAS—MCF. 296 WATER—BBL. 5 OIL GRAVITY-API (CORR.) --

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold TEST WITNESSED BY --

35. LIST OF ATTACHMENTS
Logs per item #26

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Ray W. Cox TITLE Administrative Assistant DATE 1-5-78

0 & 4- -H, 1-SUSSee Instructions and Spaces for Additional Data on Reverse Side).
1-RC, 1-Div., 1-ARCO, 1-Chevron, 1-Conoco, 1-Tenneco

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: "Stacks 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 POREUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			TOP
			MEAS. DEPTH
			TRUE VERT. DEPTH
Upper Yeso	5144'	5658'	Oil Zone
			Base Salt
			Yates
			Seven Rivers
			Queen
			Grayburg
			San Andres
			Glorietta
			Upper Yeso