

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.

5. LEASE DESIGNATION AND SERIAL NO.

NM 801

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Phillips Federal

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Maljamar Grayburg-San Andre

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

Sec. 33, T-17-S, R-33-E

12. COUNTY OR PARISH
Lea

13. STATE
N. M.

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
Pennzoil Company

3. ADDRESS OF OPERATOR
P. O. Drawer 1828 - Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 2310' FEL & 990' FNL of Sec. 33, T-17-S, R-33-E
At top prod. interval reported below N/A
At total depth N/A

14. PERMIT NO. N/A DATE ISSUED 3-21-1978

15. DATE SPUNDED 4-24-78 16. DATE T.D. REACHED 5-04-78 17. DATE COMPL. (Ready to prod.) 5-20-78 18. ELEVATIONS (DF, RKB, BT, GR, ETC.)* 4145' KB 19. ELEV. CASINGHEAD 4133'

20. TOTAL DEPTH, MD & TVD 4490' 21. PLUG, BACK T.D., MD & TVD 4481' 22. IF MULTIPLE COMPL., HOW MANY* - 23. INTERVALS DRILLED BY Sur. to 4490' ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4472-79' - 4442-60' - 4416-32' 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Compensated Formation Density 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
12 3/4"	34.50#	355'	17 1/2"	475 sx Class "C"	None
5 1/2"	15.5# & 17#	4,490'	7 7/8"	350 sx Class "C" & 850 sx HOWCO Lite	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	4,250'	-

31. PERFORATION RECORD (Interval, size and number)

4472-79'	.025" Dia., 2 SPF, 14 shots
4442-60'	.025" Dia., 2 SPF, 36 shots
4416-32'	.025" Dia., 2 SPF, 36 shots

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4416 - 4479'	3,000 gals 15% Acid, 30,000 gals gelled wtr, 33,000# sand
4387 - 4388'	Squeeze w/50 sx Class "C"

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
Tested dry	Was pumping - Now shut down - 1 1/2 x 2 x 16 Insert	Shut in TA

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
-	-	-	→	-	-	-	-

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
-	-	→	-	-	-	-

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) 2nd This approval of temporary abandonment expires 7-15-80 TEST WITNESSED BY

35. LIST OF ATTACHMENTS
Cover letter & Compensated Formation Density

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED L. C. Marquart TITLE District Production Mgr. DATE 5-03-79

*(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.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
San Andres	4,416'	4,479'	Produced formation water with slight show of gas	Anhydrite Yates Seven Rivers Queen Grayburg Shale Premier Sand San Andres	1,290' 2,645' 3,025' 3,630' 4,280' 4,305' 4,354'	

37. SUMMARY OF POROUS 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