

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.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐										RECEIVED JUL 5 1978		5. LEASE DESIGNATION AND SERIAL NO. MM-0100236-A							
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐												6. IF INDIAN, ALLOTTEE OR TRIBE NAME							
2. NAME OF OPERATOR Gas Producing Enterprises, Inc.										7. UNIT AGREEMENT NAME		8. FARM OR LEASE NAME Federal "4"							
3. ADDRESS OF OPERATOR P.O. Box 235, Midland, Texas 79702										9. WELL NO. 2		10. FIELD AND POOL, OR WILDCAT West Sawyer (SA)							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FWL & 1980' FWL, Sec. 4, T-10-S, R-37-E, NMPM At top prod. interval reported below At total depth										11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 4, T-10-S, R-37-E, NMPM		12. COUNTY OR PARISH Lea		13. STATE New Mexico					
14. PERMIT NO.				DATE ISSUED				15. DATE SPUDDED 5-31-78				16. DATE T.D. REACHED 6-10-78		17. DATE COMPL. (Ready to prod.) 6-23-78		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3975.2' GR		19. ELEV. CASINGHEAD 3975.2' GR	
20. TOTAL DEPTH, MD & TVD 5034				21. PLUG, BACK T.D., MD & TVD 5029				22. IF MULTIPLE COMPL., HOW MANY* ---				23. INTERVALS DRILLED BY Surface-TD				24. ROTARY TOOLS None			
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4963-5026', Slaughter Zone, San Andres										25. WAS DIRECTIONAL SURVEY MADE No				26. TYPE ELECTRIC AND OTHER LOGS RUN Fracture Finder Bond Log, Radioactivity Log				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							
8 5/8"		24#		465'		12 1/4"		250 sx				None							
5 1/2"		15.5#		5033'		7 7/8"		950 sx				None							
29. LINER RECORD														30. TUBING RECORD					
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)					
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31. PERFORATION RECORD (Interval, size and number) 4963-4970' w/ 7 shots (0.50" diameter) 4973-4980' w/ 7 shots (0.50" diameter) 4982-4991' w/9 shots (0.50" diameter) 5009-5026' w/17 shots (0.50" diameter)										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.									
										DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED							
										4963-5026'		6000 gals. 20% NE Acid w/ 30 ball sealers							
										5009-5026'		1000 gals. 20% NE Acid w/ 35 ball sealers							
33.* PRODUCTION																			
DATE FIRST PRODUCTION 6-25-78				PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping 1 1/2' Rod Pump						WELL STATUS (Producing or shut-in) Producing									
DATE OF TEST 6-28-78		HOURS TESTED 24		CHOKE SIZE		PROD'N. FOR TEST PERIOD ---		OIL—BBL. 38		GAS—MCF. 2		WATER—BBL. 4		GAS-OIL RATIO 053					
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE ---		OIL—BBL. 38		GAS—MCF. 2		WATER—BBL. 4		OIL GRAVITY-API (CORR.) 21.4							
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented										TEST WITNESSED BY L. Marworth									
35. LIST OF ATTACHMENTS Form 9-331, Logs																			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																			
SIGNED H.E. Calhoun				TITLE Dist. Prod. Supt.				DATE 6-30-78											

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

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 regulations 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 or 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.)

27. SUMMARY OF POROUS ZONES:				38. GEOLOGIC MARKERS		
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						
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Langhorne (See Notes)	1000	500	Contains oil, some quantity of gas.	Langhorne Slab, 1000	1200 1400 1500	