

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 _____		5. LEASE DESIGNATION AND SERIAL NO. SE 079492-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 El Paso Natural Gas Company		7. UNIT AGREEMENT NAME San Juan 27-5 Unit																									
3. ADDRESS OF OPERATOR P. O. Box 990, Farmington, New Mexico		8. FARM OR LEASE NAME San Juan 27-5 Unit																									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1850' N, 1190' E At top prod. interval reported below At total depth		9. WELL NO. 103																									
14. PERMIT NO.		DATE ISSUED AUG 18 1967																									
15. DATE SPUDDED 6-10-67		16. DATE T.D. REACHED 6-27-67																									
17. DATE COMPL. (Ready to prod.) 7-20-67		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6666' OL																									
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 7970'																									
21. PLUG, BACK T.D., MD & TVD 7935'		22. IF MULTIPLE COMPL., HOW MANY*																									
23. INTERVALS DRILLED BY 0-7970'		ROTARY TOOLS																									
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7698-7908' (Dakota)		25. WAS DIRECTIONAL SURVEY MADE No																									
26. TYPE ELECTRIC AND OTHER LOGS RUN IES, GDC, Temperature Survey		27. WAS WELL CORED No																									
28. CASING RECORD (Report all strings set in well)																											
<table border="1"><thead><tr><th>CASING SIZE</th><th>WEIGHT, LB./FT.</th><th>DEPTH SET (MD)</th><th>HOLE SIZE</th><th>CEMENTING RECORD</th><th>AMOUNT PULLED</th></tr></thead><tbody><tr><td>9 5/8"</td><td>32.30#</td><td>332'</td><td>13 3/4"</td><td>280 sacks</td><td></td></tr><tr><td>4 1/2"</td><td>11.6, 10.5#</td><td>7970'</td><td>7 7/8"</td><td>690 sacks - 3 strings</td><td></td></tr></tbody></table>				CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	9 5/8"	32.30#	332'	13 3/4"	280 sacks		4 1/2"	11.6, 10.5#	7970'	7 7/8"	690 sacks - 3 strings							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED																						
9 5/8"	32.30#	332'	13 3/4"	280 sacks																							
4 1/2"	11.6, 10.5#	7970'	7 7/8"	690 sacks - 3 strings																							
29. LINER RECORD																											
<table border="1"><thead><tr><th>SIZE</th><th>TOP (MD)</th><th>BOTTOM (MD)</th><th>SACKS CEMENT*</th><th>SCREEN (MD)</th></tr></thead><tbody><tr><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>				SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)																			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)																							
30. TUBING RECORD																											
<table border="1"><thead><tr><th>SIZE</th><th>DEPTH SET (MD)</th><th>PACKER SET (MD)</th></tr></thead><tbody><tr><td>2 3/8"</td><td>7670'</td><td></td></tr></tbody></table>				SIZE	DEPTH SET (MD)	PACKER SET (MD)	2 3/8"	7670'																			
SIZE	DEPTH SET (MD)	PACKER SET (MD)																									
2 3/8"	7670'																										
31. PERFORATION RECORD (Interval, size and number) 7698-7704', 7714-20, 7816-28', 7874-80', 7896-7908' w/18 SFZ																											
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																											
<table border="1"><thead><tr><th>DEPTH INTERVAL (MD)</th><th>AMOUNT AND KIND OF MATERIAL USED</th></tr></thead><tbody><tr><td>7698-7908'</td><td>60,000 gal. wtr., 60,000# sand</td></tr><tr><td></td><td>500 gallon acid</td></tr></tbody></table>				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	7698-7908'	60,000 gal. wtr., 60,000# sand		500 gallon acid																		
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED																										
7698-7908'	60,000 gal. wtr., 60,000# sand																										
	500 gallon acid																										
33.* PRODUCTION																											
<table border="1"><thead><tr><th>DATE FIRST PRODUCTION</th><th>PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)</th><th>WELL STATUS (Producing or shut-in)</th></tr></thead><tbody><tr><td></td><td>Flowing</td><td>Shut-in</td></tr></tbody></table>				DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)		Flowing	Shut-in																		
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)																									
	Flowing	Shut-in																									
<table border="1"><thead><tr><th>DATE OF TEST</th><th>HOURS TESTED</th><th>CHOKE SIZE</th><th>PROD'N. FOR TEST PERIOD</th><th>OIL—BBL.</th><th>GAS—MCF.</th><th>WATER—BBL.</th><th>GAS-OIL RATIO</th></tr></thead><tbody><tr><td>7-20-67</td><td>3</td><td>3/4"</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>SI 2569</td><td>SI 2479</td><td>24-HOUR RATE</td><td></td><td></td><td>4775 MCF/D</td><td></td><td></td></tr></tbody></table>				DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	7-20-67	3	3/4"						SI 2569	SI 2479	24-HOUR RATE			4775 MCF/D		
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO																				
7-20-67	3	3/4"																									
SI 2569	SI 2479	24-HOUR RATE			4775 MCF/D																						
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)																											
35. LIST OF ATTACHMENTS																											
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																											
Original Signed F. H. WOOD																											
SIGNED		TITLE Petroleum Engineer	DATE 8-14-67																								

*(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 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 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-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.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Pictured Cliffs Mesa Verde Point Lookout Gallup Greenbourn Graneros Dakota	3513 5167 5664 6643 7693 7664 7812	