

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions 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 ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

El Paso Natural Gas Company

3. ADDRESS OF OPERATOR

P.O. Box 289, Farmington, NM 87401

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

At surface

1760'S, 1540'E

At top prod. interval reported below

At total depth

14. PERMIT NO. 3. GEOLOGICAL SURVEY
DATE ISSUED
FARMINGTON, NM

5. LEASE DESIGNATION AND SERIAL NO.

SF 079391

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

San Juan 27-5 Unit

8. FARM OR LEASE NAME

San Juan 27-5 Unit

9. WELL NO.

86 M

10. FIELD AND POOL, OR WILDCAT

Blanco Mesa Verde & Bas. Dak.

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

Sec. 9, T-27-N, R-5-W
NMPM

12. COUNTY OR PARISH

13. STATE

Rio Arriba New Mexico

15. DATE SPURRED 10-8-80 16. DATE T.D. REACHED 10-22-80 17. DATE COMPL. (Ready to prod.) 7-29-81 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7334' GL 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 8604' 21. PLUG, BACK T.D., MD & TVD 8594' 22. IF MULTIPLE COMPL., HOW MANY* 2 23. INTERVALS DRILLED BY 0-8604' ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 8352-8558' (Dak) 5821-6696' (MV) 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CDL-GR; IL-GR; Temp. Survey

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
13 3/8"	48#	398	17 1/2"	502 cf.	
9 5/8"	40#	4543'	12 1/4"	695 cf.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
7"	4400'	6955	646		1 1/2"	6658'	6772'
4 1/2"	6842'	8604'	314		2 3/8"	8511'	

31. PERFORATION RECORD (Interval, size and number)

8352, 8362, 8466, 8476, 8509, 8522, 8534, 8548, 8558'
8333, 6338, 6343, 6352, 6357, 6362, 6371, 6383, 6387,
6403, 6408, 6425, 6430, 6440, 6445, 6469, 6545, 6587,
6630, 6655, 6677, 6696' 5821, 5828, 5841, 5853, 5884,
5891, 5897, 5915, 5944, 6128, 6237, 6268' W/1SPZ.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8352-8558'	155,500# sd, 138,365 gal. wtr.
6333-6696'	55,000# sd, 131,840 gal. wtr.
5821-6268'	35,000# sd, 88,690 gal. wtr.

33. PRODUCTION

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

DATE OF TEST 7-29-81 HOURS TESTED 3 hrs. CHOKER SIZE 3/4 variable PROD'N. FOR TEST PERIOD OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO
Casing Pressure 1017 Calculated 24-Hour Rate 5338 MCF/D After Frac Gauge 1518 MCF/D . Mesa Verde = 5338 MCF/D
Disposition of Gas (Solid, used for fuel, vented, etc.) TEST WITNESSED BY Bill Clark

35. LIST OF ATTACHMENTS

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

SIGNED D. G. Duico

TITLE Drilling Clerk

DATE July 30, 1981

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

NMOCC

BY Sm

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 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
				TOP	
				TRUE VERT. DEPTH	
				Mesa Verde	5812'
				Menefee	5950'
				P.L.	6318'
				Gallup	7310'
				G.H.	8256'
				Grancros	8312'
				Dakota	8455'
				<i>Upper zone not logged</i>	