

**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 *

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____ 2. DATE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____ 3. NAME OF OPERATOR: <u>El Paso Natural Gas Company</u> 4. ADDRESS OF OPERATOR: <u>P.O. Box 289, Farmington, NM 87401</u>				5. LEASE DESIGNATION AND SERIAL NO.: <u>SF 078497-A</u> 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: _____ 7. UNIT AGREEMENT NAME: <u>San Juan 28-7 Unit</u> 8. FARM OR LEASE NAME: <u>San Juan 28-7 Unit</u> 9. WELL NO.: <u>219E</u> 10. FIELD AND POOL, OR WILDCAT: <u>Basin Dakota</u> 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: <u>Sec. 20, T-28-N, R-7-W NMPM</u>																															
12. COUNTY OR PARISH: <u>Rio Arriba</u> 13. STATE: <u>New Mexico</u> 14. PERMIT NO.: _____ DATE ISSUED: _____ 15. DATE SPUNDED: <u>6-25-81</u> 16. DATE T.D. REACHED: <u>7-5-81</u> 17. DATE COMPL. (Ready to prod.): <u>11-11-81</u> 18. ELEVATIONS (DP, RKB, RT, GR, ETC.): <u>6270' GL</u> 19. ELEV. CASINGHEAD: _____ 20. TOTAL DEPTH, MD & TVD: <u>7412'</u> 21. PLUG, BACK T.D., MD & TVD: <u>7405'</u> 22. IF MULTIPLE COMPLEMENTS, INTERVALS, HOW MANY? _____ ROTARY TOOLS: <u>0-7412'</u> CABLE TOOLS: _____ 23. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD & TVD): <u>7167-7372' (Dak.)</u> 24. WAS DIRECTIONAL SURVEY MADE: <u>No</u> 25. TYPE ELECTRIC AND OTHER LOGS RUN: <u>CDL-GR; GIL; Temp. Survey</u> 26. WAS WELL CORED: <u>No</u>																																			
27. CASING RECORD (Report all strings set in well) <table border="1" style="width:100%; border-collapse: collapse;"> <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>36#</td> <td>315'</td> <td>12 1/4"</td> <td>188 cf.</td> <td></td> </tr> <tr> <td>7"</td> <td>20#</td> <td>3217'</td> <td>8 3/4"</td> <td>402 cf.</td> <td></td> </tr> <tr> <td>4 1/2"</td> <td>10.5#</td> <td>7412'</td> <td>6 1/4"</td> <td>650 cf.</td> <td></td> </tr> </tbody> </table>						CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	9 5/8"	36#	315'	12 1/4"	188 cf.		7"	20#	3217'	8 3/4"	402 cf.		4 1/2"	10.5#	7412'	6 1/4"	650 cf.							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED																														
9 5/8"	36#	315'	12 1/4"	188 cf.																															
7"	20#	3217'	8 3/4"	402 cf.																															
4 1/2"	10.5#	7412'	6 1/4"	650 cf.																															
28. LINER RECORD <table border="1" style="width:100%; border-collapse: collapse;"> <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)						29. TUBING RECORD <table border="1" style="width:100%; border-collapse: collapse;"> <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>7364'</td> <td></td> </tr> </tbody> </table>			SIZE	DEPTH SET (MD)	PACKER SET (MD)	2 3/8"	7364'															
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)																															
SIZE	DEPTH SET (MD)	PACKER SET (MD)																																	
2 3/8"	7364'																																		
30. PERFORATION RECORD (Interval, size and number) <u>7167, 7133, 7178, 7193, 7198, 7203, 7271, 7301, 7306, 7311, 7337, 7372' W/1 SPZ.</u>			31. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>DEPTH INTERVAL (MD)</th> <th>AMOUNT AND KIND OF MATERIAL USED</th> </tr> </thead> <tbody> <tr> <td>7167-7372'</td> <td>63,000# sd, 44,000 gal. wtr.</td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </tbody> </table>			DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	7167-7372'	63,000# sd, 44,000 gal. wtr.																										
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED																																		
7167-7372'	63,000# sd, 44,000 gal. wtr.																																		
32. PRODUCTION DATE FIRST PRODUCTION: _____ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump): <u>Flowing</u> WELL STATUS (Producing or shut-in): <u>Shut-In</u> <table border="1" style="width:100%; border-collapse: collapse;"> <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>11-11-81</td> <td>3 hrs.</td> <td></td> <td>→</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>FLOW. TUBING PRESS.</th> <th>CASING PRESSURE</th> <th>CALCULATED 24-HOUR RATE</th> <th>OIL—BBL.</th> <th>GAS—MCF.</th> <th>WATER—BBL.</th> <th>OIL GRAVITY-API (CORR.)</th> </tr> </thead> <tbody> <tr> <td>SI 1520</td> <td>SI 1690</td> <td>→</td> <td></td> <td></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	11-11-81	3 hrs.		→					FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	SI 1520	SI 1690	→				
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO																												
11-11-81	3 hrs.		→																																
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)																													
SI 1520	SI 1690	→																																	
33. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): _____ 34. TEST WITNESSED BY: <u>N. L. Waggoner</u>				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 <u>N. B. Luises</u> TITLE <u>Drilling Clerk</u> DATE <u>11-20-81</u>																																			

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

NMOC

67

[Signature]

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 33.

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: "Seals/Is Cemented": 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 POROSITY 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
				<i>Upper Zone Not Logged</i>	
				Chacra	3837'
				M.V.	4521'
				Men.	4673'
				P.L.	5117'
				Gallup	6195'
				G.H.	7060'
				Gran.	7120'
				Dakota	7265'