

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.6.

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						7. UNIT AGREEMENT NAME						
3. ADDRESS OF OPERATOR PO Box 990, Farmington, NM 87401						8. FARM OR LEASE NAME Klein						
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1700'N, 1840'W At top prod. interval reported below At total depth						9. WELL NO. 23						
10. FIELD AND POOL, OR WILDCAT So. Blanco Pictured Cliffs and Otero Chacra						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 30, T-26-N, R-6-W NMPM						
14. PERMIT NO.				DATE ISSUED NOV 18 1973 OIL CON. COM. DIST. 3		12. COUNTY OR PARISH Rio Arriba		13. STATE NM				
15. DATE SPUDDED 6-27-73		16. DATE T.D. REACHED 7-19-73		17. DATE COMPL. (Ready to prod.) PC-10-29-73; Ch-10-22-73		18. ELEVATIONS (OF, RKB, RT, GR, ETC.)* 6184'GL		19. ELEV. CASINGHEAD				
20. TOTAL DEPTH, MD & TVD PC 2440' Ch 3405'		21. PLUG, BACK T.D., MD & TVD PC 2429' Ch 3394		22. IF MULTIPLE COMPL., HOW MANY* two		23. INTERVALS DRILLED BY ROTARY TOOLS 0-3405'		CABLE TOOLS				
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2356-70'(Pictured Cliffs); 3208-3308'(Chacra)								25. WAS DIRECTIONAL SURVEY MADE no				
26. TYPE ELECTRIC AND OTHER LOGS RUN CDL-GR; IEL; 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			
9 5/8"		32#		124'		13 3/4"		142 cu. ft.				
2 7/8"		6.4#		2440'		8 3/4" & 6 3/4"		461 cu. ft.				
2 7/8"		6.4#		3405'		8 3/4" & 6 3/4"		283 cu. ft.				
29. LINER RECORD									30. TUBING RECORD			
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	
									tubingless			
31. PERFORATION RECORD (Interval, size and number) PC- 2356-70' with 28 shots per zone. Ch - 3208-18' and 3298-3308' with 20 shots per zone						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.						
						DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED				
						2356-2370'		20,000#sand; 21,100 gal. water				
						3208-3308'		26,000#sand; 36,500 gal. water				
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 PC 10-29-73 Ch 10-22-73		HOURS TESTED 3		CHOKE SIZE 3/4"		PROD'N. FOR TEST PERIOD →		OIL—BBL.		GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW, TUBING PRESS. tubingless		CASING PRESSURE SI PC 569 Ch 842		CALCULATED 24-HOUR RATE →		OIL—BBL.		GAS—MCF. PC 1544 AOF Ch 487 AOF		WATER—BBL.		OIL GRAVITY-API (CORR.)
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)										TEST WITNESSED BY D. Norton		
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

J. D. Brown

TITLE

Drilling Clerk

DATE

November 9, 1973

*(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.)

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	NAME	MEAS. DEPTH TOP TRUE VERT. DEPTH
		Pictured Cliffs Chacra	2358' 3208'