

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 _____		5. LEASE DESIGNATION AND SERIAL NO. SF 078387A
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 CO.		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR BOX 990, FARMINGTON, NEW MEXICO		8. FARM OR LEASE NAME KERNAGHAN
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1770'S, 1825'E At top prod. interval reported below At total depth		9. WELL NO. 2A
14. PERMIT NO. _____ DATE ISSUED _____		10. FIELD AND POOL, OR WILDCAT BLANCO MESA VERDE
15. DATE SPUDDED 8/29/77 16. DATE T.D. REACHED 9/9/77 17. DATE COMPL. (Ready to prod.) 2/6/78 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6276'		11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 28, T-31-N, R-8-W NMPM
20. TOTAL DEPTH, MD & TVD 5814' 21. PLUG, BACK T.D., MD & TVD 5796' 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS 0-5814' CABLE TOOLS		12. COUNTY OR PARISH SAN JUAN
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5044-5760 (MV)		13. STATE NEW MEXICO
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ind; CDL-GR; Temp. Survey; Cement Bond		25. WAS DIRECTIONAL SURVEY MADE No
27. WAS WELL CORED No		

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"	32.3#	242'	13 3/4"	295 cf.	
7"	20#	3416'	8 3/4"	286 cf.	

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2"	3245'	5814'	449 cf.		2 3/8"	5769'	

31. PERFORATION RECORD (Interval, size and number) 5044-50, 5060-83, 5118-34, 5146-55, 5186-5200, 5258-75' w/ 16 SPZ. 5411-19, 5431-49, 5459-71, 5481-94, 5504-13, 5527-32' w/18 SPZ. 5595-5603, 5635-45, 5657-70, 5689-5701, 5748-60' w/16 SPZ.

ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5044' - 5275'	63,000# sand; 63,000 gal. water
5411' - 5532'	63,000# sand; 63,000 gal. water
5595' - 5760'	31,909# sand; 35,542 gal. water

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) After Frac Gauge - 2902 MCF/D					
DATE OF TEST 2/6/78		HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.
FLOW. TUBING PRESS. SI 526		CASING PRESSURE SI 539	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)				TEST WITNESSED BY Ron Hendrick			

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. Lucio

TITLE

Drilling Clerk

DATE

2/23/78

*(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 item 35 for 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:			38. GEOLOGIC MARKERS		
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORRELATION; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES					
FORMATION	TOP	BOTTOM	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			M.V.	4729	
			P.L.	5400	