

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R155.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. SF 078416A	
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 87401		8. FARM OR LEASE NAME HARDIE	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1600'S, 1800'E At top prod. interval reported below At total depth		9. WELL NO. 1A	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUNDED 5/26/77		16. DATE T.D. REACHED 6/3/77	
17. DATE COMPL. (Ready to prod.) 10/3/77		18. ELEVATIONS (DF, RKE, RT, GR, ETC.)* 6357' GR	
19. ELEV. CASINGHEAD		20. FIELD AND POOL, OR WILLCAT Blanco Mesa Verde	
21. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 26, T-29-N, R-8-W NMPM		22. COUNTY OR PARISH San Juan	
23. STATE New Mexico		24. TOTAL DEPTH, MD & TVD 5606'	
25. PLUG, BACK T.D., MD & TVD 5589'		26. IF MULTIPLE COMPL., HOW MANY*	
27. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS 0-5606'		28. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4581-5551 (MV)	
29. TYPE ELECTRIC AND OTHER LOGS RUN Ind-GR; CDL-GR; Temp. Survey		30. WAS DIRECTIONAL SURVEY MADE No	
31. TYPE ELECTRIC AND OTHER LOGS RUN Ind-GR; CDL-GR; Temp. Survey		32. WAS WELL CORED No	
33. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
9 5/8"	36 7/8	220'	13 3/4"
7"	20 1/2	3289'	8 3/4"
34. CEMENTING RECORD			
AMOUNT PULLED			
224 cf.			
288 cf.			
35. LINER RECORD			
SIZE	TCP (MD)	BOTTOM (MD)	SACKS CEMENT*
4 1/2"	3103'	5606'	447 cf
36. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8"	5535'		
37. PERFORATION RECORD (Interval, size and number)			
4581-4611, 4623, 37, 4651-57, 4694-4718, 4885-94, 4937-45, 4951-59, 4969-80' w/14 SPZ. 5014-30, 5117-29, 5182-90, 5200-20, 5242-51, 5271-80' w/14 SPZ. 5338-44, 5357-68, 5415-23, 5494-5502, 5524-30, 5540-51' w/10 SPZ.			
38. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED		
4581-4980'	100,000#sand; 100,002 gal. water		
5014-5280'	75,000#sand; 75,012 gal. water		
5338-5551'	50,000#sand; 53,004 gal. water		
39. PRODUCTION			
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)		WELL STATUS (Producing or shut-in)
	After Frac Gauge - 2369 MCF/D		Shut In
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD
10/3/77			
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.
SI 684	SI 782		
84. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)			
OCT 28 1977			
TEST WITNESSED BY C.R. Wagner			
OCT 31 1977			
OIL CON. COM. DIST. 3			
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>W. J. Lister</u> TITLE <u>Drilling Clerk</u> DATE <u>10/13/77</u>			

*(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.

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. 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.)

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 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; CORDED 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
				Mesa Verde	4578	
				Point Lookout	5170	