

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.

5. LEASE DESIGNATION AND SERIAL NO.

SF 080668

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

San Juan 27-4 Unit

8. FARM OR LEASE NAME

San Juan 27-4 Unit

9. WELL NO.

147

10. FIELD AND POOL, OF WILDCAT

Blanco Mesa Verde

11. SEC., T., R., M., OR B. LOCK AND SURVEY
OR AREA

Sec. 3, T-27-N, R-4-W, NMPM

12. COUNTY OR
PARISH

Rio Arriba

13. STATE

NM

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

PO Box 4289, Farmington, NM 87499

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

At surface 800'N, 1180'E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED 8-7-82 16. DATE T.D. REACHED 8-15-82 17. DATE COMPL. (Ready to prod.) 10-11-82 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7179'KB 19. ELEV. CASINGHEAD 7167'

20. TOTAL DEPTH, MD & TVD 6700' 21. PLUG, BACK T.D., MD & TVD 6678' 22. IF MULTIPLE COMPLETIONS, HOW MANY* 23. INTERVALS PRODUCED BY ROTARY TOOLS rotary

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5899-6652' (Mesa Verde) 25. WAS DIRECTIONAL SURVEY MADE no

26. TYPE ELECTRIC AND OTHER LOGS RUN

CDL, G-IL, 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"	36.0#	301'	12 1/4"	190 cu.ft.	
7"	20&23#	4402'	8 3/4"	375 cu.ft.	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2"	4266'	6695'	437 cf		2 3/8"	6627'	

31. PERFORATION RECORD (Interval, size and number)
5899', 5918', 5933', 5968', 6008', 6067', 6079',
6137', 6263', 6268', 6278', 6282', 6286', 6290',
6294', 6318', 6330', 6348', 6366', 6375', 6386',
6410', 6418', 6509', 6527', 6552', 6612', 6652'
w/l spz.

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

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED
5899-6652' 179,000#sand and 232,712 gal. wtr.

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
10-1-82clean out		flowing - capable of comm. HC, to be tested when connected				shut in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-11-82	shut in 9 days			0	0	0	0
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
SI 590	SI 1192		no flow	no flow	no flow		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

shut in - to be sold

TEST WITNESSED BY

Bill Clark

35. LIST OF ATTACHMENTS

Temp. Survey and cement record

ACCEPTED FOR RECORD

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

SIGNED

TITLE

Drilling Clerk

OCT 22 1982

DATE October 19, 1982

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

FARMINGTON

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	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	3615'	3680'	ss, White cr-grn s.	Ojo Alamo	3615'	
Kirtland	3680'	3893'	Gry sh interbedded w/tight gry fine-grn ss.	Kirtland	3680'	
Fruitland	3893'	4053'	Gry carb sh, scattered coals, coals and gry tight, fine-grn ss.	Fruitland	3893'	
Pic.Cliffs	4053'	5895'	Gry, fine-grn, tight, varicolored soft ss.	Pic.Cliffs	4053'	
Mesa Verde	5895'	5978'	Gry, fine-grn, dense sil ss., carb sh & coal	Mesa Verde	5895'	
Menefee	5978'	6246'	Gry, fine-grn s, carb sh & coal.	Menefee	5978'	
Pt.Lookout	6246'	---	Gry, very fine sil ss w/frequent sh breaks	Pt.Lookout	6246'	

Cementing:

9 5/8" surface - 160 sks. of Class "B" cement w/1/4# gel-flake/sk. and 3% calcium chloride 190 cu. ft.

7" Intermediate Casing - 130 sks. of 65/35 Class "B" Pozmix w/6% gel and 2% calcium chloride, 1/2 cu. ft. perlite, followed by 100 sks. of Class "B" w/2% calcium chloride, 1/2 cu. ft. of perlite 375 cu. ft.

4 1/2" Liner - 315 sks. of 50/50 Class "B" Pozmix w/2% gel, 0.6% Halad-9, 6.25# gilsonite plus 1/4# Flocele per sk. 437 cu. ft.