

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 _____

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

Box 289, Farmington, New Mexico 87401

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

At surface 875'N, 1640'W

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

RECEIVED
AUG 24 1982

5. LEASE DESIGNATION AND SERIAL NO.

SF 078356

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Huerfanito Unit

8. FARM OR LEASE NAME

Huerfanito Unit

9. WELL NO.

77A

10. FIELD AND POOL, OR WILDCAT

Blanco Mesa Verde

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 34, T-27-N, R-9-W
N.M.P.M.

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

15. DATE SPUDDED

7-14-82

16. DATE T.D. REACHED

7-21-82

17. DATE COMPL. (Ready to prod.)

8-16-82

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

6054' GL

19. ELEV. CASINGHEAD

6054'

20. TOTAL DEPTH, MD & TVD

4778'

21. PLUG, BACK T.D., MD & TVD

4761'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

Rotary

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

4342 - 4678 - Mesa Verde

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

FDL, ISF, GRC, 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
8 5/8"	24#	225'	12 1/4"	236 cu. ft.	
4 1/2"	10.5#	4777'	7 7/8"	920 cu. ft.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	4668'	

31. PERFORATION RECORD (Interval, size and number)

4342, 4360, 4364, 4375, 4380,
4385, 4390, 4404, 4411, 4418, 4446,
4459, 4466, 4475, 4480, 4508, 4621,
4626, 4638, 4648, 4678w/1 SPZ

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

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

4342 - 4678 61,000# sand, 134,900 gal. water

33.* PRODUCTION

DATE FIRST PRODUCTION 8-5-82 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing - Capable of Comm HC - WELL STATUS (Producing or shut-in) Shut In

DATE OF TEST 8-16-82 HOURS TESTED 2 SI 10 days CHOKER SIZE 10 days PROD'N. FOR TEST PERIOD → OIL—BBL. 0 GAS—MCF. 0 WATER—BBL. 0 GAS-OIL RATIO 0

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE → OIL—BBL. No Flow GAS—MCF. No Flow WATER—BBL. No Flow OIL GRAVITY-API (CORR.)

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

Shut In - To Be Sold

TEST WITNESSED BY

Bill Huntington

35. LIST OF ATTACHMENTS

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

ACCEPTED FOR RECORD

SIGNED

A. B. Lucas

TITLE

Drilling Clerk

DATE

8-23-82

AUG 31 1982

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

NMOCC

FARMINGTON DISTRICT
BY 2925 esk

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: "Stacks General": 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	1152	1175	ss. White cr-grn s.	Ojo Alamo	1152	
Kirtland	1275	1821	Gry sh interbedded w/tight gry fine-grn ss.	Kirtland	1275	
Fruitland	1821	2054	Gry, carb sh, scattered coals, gry, tight	Fruitland	1821	
Pictured Cliffs	2054	2961	Gry fine-grn, tight, varicolored soft ss.	Pictured Cliffs	2054	
Mesa Verde	2961	4332	Gry, fine-grn, dense sil ss. carb sh & coal.	Chacra	2961	
			Gry, very fine sil ss w/frequent sh breaks	Mesa Verde	3619	
		--		Menefee	3718	
Point Lookout	4332			Point Lookout	4332	

Huerfanito Unit #77A

Cementing:

Surface Casing: 200 sks. of Class "B" cement w/1/4# gel-flake/sk. & 3% calcium chloride 236 cu. ft.

Production Casing:

First Stage 295 sks. of 65/35 Class "B" Pozmix w/6% gel and 2% calcium chloride mixed w/8.3 gallons water per sack followed by 100 sks. 50/50 Class "B" Pozmix w/2% gel, 2% calcium chloride and 1/4# fine tuf-plug per cu. ft. 442 cu. ft.

Second Stage 295 sks. of 65/35 Class "B" Pozmix 6% gel and 2% calcium chloride and 8.3 gallons of water per sack 478 cu. ft. Stage tool @ 2215'.