Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: SF 080597

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Gartner

2. NAME OF OPERATOR: EL PASO NATURAL GAS CO.

9. WELL NO.: 4A (PM)

3. ADDRESS OF OPERATOR: BOX 990, FARMINGTON, NEW MEXICO 87401

10. FIELD AND POOL, OR WILDCAT: Blanco P.C. Ext. Blanco M.V.

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 1450'S, 800'E
At top prod. interval reported below
At total depth

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 33, T-30-N, R-8-W NMPM

14. PERMIT NO. | DATE ISSUED

12. COUNTY OR PARISH: San Juan | 13. STATE: New Mexico

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
8/4/77	8/12/77	10/24/77	6365' GR	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
5743'	5725'	2	→	0-5743	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
3114-3176' (PC)
4705-5698' (MV)

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: IEL-SP; CDL-GR; 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"	32.3#	236'	13 3/4"	224 cf.	
7"	20#	3541'	8 3/4"	395 cf.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
4 1/2"	3381	5743'	425 cf	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	5653	3275'
1 1/4"	3185	

31. PERFORATION RECORD (*Interval, size and number*) 3114-36, 142-56, 3162-66, 3172-76' w/16 SPZ. 4705-10, 740-45, 4763-75, 4819-28, 4844-74, 4889-95, 4921-29, 944-56, 5067-74, 5106-11, w/16 SPZ. 5189-97, 5262-7, 5324-51, 5361-65, 5386-5402, 5410-16, 5446-52' w/ 5 SPZ. 5508-20, 5552-64, 5577-86, 5620-28, 5658-54, 5692-98 w/14 SPZ.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3114-3176'	40,000# sand; 40,980 gal. water
4705-5111'	80,000# sand; 80,000 gal. water
5189-5452'	92,000# sand; 92,030 gal. water
5508-5698'	48,640# sand; 50,800 gal. water

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	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
P.C. 10/24/77 M.V. 10/17/77	3	3/4"					

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
P.C. SI 895 M.V. SI 641	PC-SI-893			P.C. - 1726 AOF M.V. - 2350 AOF		

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

TEST WITNESSED BY: Ron Headrick

RECEIVED
NOV 8 1977
U.S. Geological Survey
Farmington, N.M.

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 A. G. Green TITLE Drilling Clerk DATE 11/4/77

*(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.)

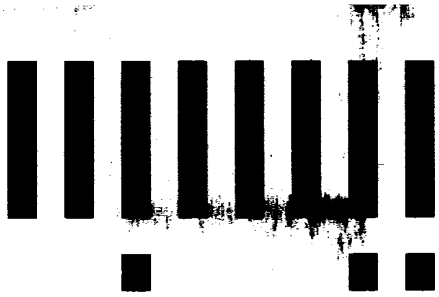
37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
P.C.	3048	
M.V.	4705	
P.L.	5292	

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-683636
837-497



LTR

Job separation sheet

5 1 1 — 1

AUTHORIZATION TO [illegible] AND NATURAL GAS

I. Operator: EL PASO NATURAL GAS CO.

Address: BOX 990, FARMINGTON, NEW MEXICO 87401

Reason(s) for filing (Please explain)

New Well: X

Recompletion:

Change in Ownership:

Change in Transporter of: Oil ☐ Dry Gas ☐ Casinghead Gas ☐ Condensate ☐

If change of ownership give name and address of previous owner:

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease (State, Federal or Fee)	Lease No.
GARTNER	1A	BLANCO P.C. EXT.	SF	080597

Location: Unit Letter I, 1450 Feet From The South Line, 800 Feet From The East Line

Section 33, Township 30N, Range 8W, NMPM, San Juan County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil or Condensate X — Address to which approved copy of this form is to be sent:

EL PASO NATURAL GAS CO. — BOX 990, FARMINGTON, NEW MEXICO

Name of Authorized Transporter of Casinghead Gas or Dry Gas X — Address to which approved copy of this form is to be sent:

EL PASO NATURAL GAS CO. — BOX 990, FARMINGTON, NEW MEXICO

If well produces oil or liquids, give location of tanks. Unit I, Sec. 33, Twp. 30N, Rge. 8W — Is gas actually connected? —

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion – (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
		X	X					

Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
8/4/77	10/24/77	5743'	5725'

Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth
6365' GR	P.C.	3114'	3185'

Perforations	Depth Casing Shoe
3114-36, 3142-56, 3162-66, 3172-76'	5743'

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS OF CEMENT
13 3/4"	9 5/8"	236'	224 cf.
8 3/4"	7"	3541'	595 cf.
6 1/4"	4 1/2" liner	3381-5743'	425 cf.
	1 1/4"	3185'	tubing

V. TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for 24 hours)

OIL WELL

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	Choke Size

Length of Test	Tubing Pressure	Oil Produced During Test	Gas-MCF

Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gravity-API

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
1726	3 hrs.		

Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size
Calc. A.O.F.	1726	1687	3/4"

NOV 3 1977

OIL CON. COM.

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

OIL CONSERVATION COMMISSION

Original Signed

This form is to be filed in compliance with RULE 1104.

If request for allowable for a newly drilled or deepened well must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

Drilling Clerk

11/4/77