

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL ☐ GAS ☒ DRY ☐ Other _____

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVER ☐ Other _____

2. NAME OF OPERATOR
El Paso Natural Gas Company

3. ADDRESS OF OPERATOR
P. O. Box 4289, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 890'S, 1765'E

At top prod. interval reported below

At total depth

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BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

5. LEASE DESIGNATION AND SERIAL NO.

SF 079391

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

San Juan 27-5 Unit

8. FARM OR LEASE NAME

San Juan 27-5 Unit

9. WELL NO.

49A

10. FIELD AND POOL, OR WILDCAT

S. Blanco PC/Blanco MV

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

Sec. 18, T-27-N, R-5-W

NMPM

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

15. DATE SPUDDED 9-2-85 16. DATE T.D. REACHED 9-8-85 17. DATE COMPL. (Ready to prod.) 10-11-85 18. ELEVATIONS (OF. RKB. RT. GR. ETC.)* 6502' GL 19. ELEV. CASINGHEAD 6502'

20. TOTAL DEPTH, MD & TVD 5890' 21. PLUG BACK T.D., MD & TVD 5879' 22. IF MULTIPLE COMPL. HOW MANY* Two 23. INTERVALS DRILLED BY Rotary 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3279'-5872' (S. Blanco Pictured Cliffs) 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Temp. S; Temp. Log; Formation Density Sidewall NL; CBL/GR-Correlation Formation Density Comp. Neutron; Dual Ind. SFL; Cyberlook 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#	223'	12 1/4"	136 cu ft	
7"	20.0#	3623'	8 3/4"	330 cu ft	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2"	3476'	5890'	422 cu ft		1 1/4"	3347'	3431'
					2 3/8"	5841'	

31. PERFORATION RECORD (Interval, size and number) 5640, 5674, 5678, 5689, 5696, 5737, 5743, 5758, 5768, 5779, 5792, 5819, 5826, 5830, 5852, 5872 w/1 SPZ. 2nd stage 5456, 5459, 5469, 5472, 5475, 5478, 5486, 5489, 5492, 5495, 5502, 2nd set 5517, 5532, 5537, 5548, 5577 w/1 SPZ. 3rd stage 4925, 4930, 4940, 4252-4456

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

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

5640-5872 69,000#20/40sand&99,850gal Slick

5456-5577 34,000#20/40sand&92,500gal Slick

4925-5324 47,000#20/40sand&107,862gal Slick

4252-4456 33,000#20/40sand&46,292gal KCL w

*Continued Perf's on Pg. 2 PRODUCTION 3279-3367 49,000#20/40sand&54,000gal water

DATE FIRST PRODUCTION 9-25-85 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Shut in

DATE OF TEST 10-11-85 HOURS TESTED 3 Hrs. CHOKE SIZE 3/4" PROD'N. FOR TEST PERIOD 0 OIL—BBL. 117 MCF GAS—MCF. 0 WATER—BBL. 0 GAS-OIL RATIO 0

FLOW. TUBING PRESS. SI 593 CASING PRESSURE SI 593 CALCULATED 24-HOUR RATE 0 OIL—BBL. 735 GAS—MCF. 0 WATER—BBL. 0 OIL GRAVITY-API (CORR.) 0

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Shut in to be Sold

35. LIST OF ATTACHMENTS Temp Survey; Continued Perf's Pg. 2

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

SIGNED [Signature] TITLE Drilling Clerk DATE 10-14-85

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OIL CON. DIV.

DIST 3

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCC

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.
Ojo Alamo	2600'	2789'	ss. White cr-grn s.
Kirtland	2789'	3033'	Gry sh interbedded w/tight gry fine-grn ss.
Fruitland	3033'	3277'	Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
Pictured Cliffs	3277'	4223'	Gry, fine-grn tight, varicolored soft ss.
Chacra	4223'	4917'	Gry fn grn silty, glauconitic sd stone w/drk gry shale
Mesa Verde	4917'	5050'	Gry, fine-grn, dense sil ss., carb sh & coal
Menefee	5050'	5446'	Gry, fine-grn s, carb sh & coal
Point Lookout	5446'	5890'	Gry, very fine sil ss w/frequent sh breaks

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2600'	
Kirtland	2789'	
Fruitland	3033'	
Pic. Cliffs	3277'	
Chacra	4223'	
Mesa Verde	4917'	
Menefee	5050'	
Point Lookout	5446'	

USGS COMPLETION REPORT & LOG
SAN JUAN 27-5 UNIT #49A
CONTINUED PERF'S-PG. 2

4945, 4966, 4972, 4978, 5009, 5032, 5038, 5044, 5050, 5144, 5170, 5198, 5204, 5324
w/1 SPZ. 4th stage 4252, 4266, 4270, 4274, 4279, 4302, 4308, 4315, 4390, 4405, 4409,
4415, 4430, 4456 w/1 SPZ. 5th stage 3279-97, 3302-10, 3319-30, 3340-45, 3360-67 w/10
SPZ.

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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TRANSPORTER	OIL
OPERATOR	GAS
PRODUCTION OFFICE	

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-104
Revised 10-01-78
Format 06-01-83
Page 1

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator
El Paso Natural Gas Company

Address
P. O. Box 4289, Farmington, NM 87499

Reason(s) for filing (Check proper box)

☒ New Well	☐ Change in Transporter of:	Other (Please Specify)
☐ Recompletion	☐ Oil	
☐ Change in Ownership	☐ Casinthead Gas	
	☐ Dry Gas	
	☐ Condensate	

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OIL CON. DIV.
DIST. 3

If change of ownership give name
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name San Juan 27-5 Unit	Well No. 49A	Pool Name, including Formation S. Blanco Pictured Cliffs	Kind of Lease State (Federal or Fee)	Lease SF 079391
Location				
Unit Letter <u>0</u> : <u>890</u> Feet From The <u>South</u> Line and <u>1765</u> Feet From The <u>East</u>				
Line of Section <u>18</u> Township <u>27N</u> Range <u>5W</u> NMPM. Rio Arriba Cou:				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☒	Address (Give address to which approved copy of this form is to be sent)
El Paso Natural Gas Company	P. O. Box 4289, Farmington, NM 87499
Name of Authorized Transporter of Casinthead Gas ☐ or Dry Gas ☒	Address (Give address to which approved copy of this form is to be sent)
El Paso Natural Gas Company	P. O. Box 4289, Farmington, NM 87499
If well produces oil or liquids, give location of tanks.	Unit : <u>0</u> Sec. : <u>18</u> Twp. : <u>27N</u> Rge. : <u>5W</u>
	Is gas actually connected? <u>No</u> When

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

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

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


(Signature)
Drilling Clerk
(Title)
10-14-85
(Date)

OIL CONSERVATION DIVISION

APPROVED OCT 22 1985
BY Original Signed by FRANK T. CHAVEZ
TITLE SUPERVISOR DISTRICT # 3

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deep well, this form must be accompanied by a tabulation of the devils tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for all able on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of ow well name or number, or transporter, or other such change of condit
Separate Forms C-104 must be filed for each pool in mult completed wells.

IV. COMPLETION DATA

Designate Type of Completion - (X)		Oil well	Gas well	New well	Workover	Deepen	Plug Back	Same Res'v.	Drill
			X	X					
Date Spudded 9-2-85	Date Compl. Ready to Prod. 10-11-85	Total Depth 5890'				P.B.T.D. 5879'			
Elevations (DF, RKB, RT, GR, etc.) 6502' GL	Name of Producing Formation S. Blanco Pictured Cliffs	Top Oil/Gas Pay 3279'				Tubing Depth 3347'			
Perforations 5640, 5674, 5678, 5689, 5696, 5737, 5743, 5758, 5768, 5779, 5792, 5819, 5826, 5830, 5852, 5872 w/1 SPZ. 2nd stage 1st set 5456, 5459, 5469,						Depth Casing Shoe 5890'			
* Continued Perf's Listed Below TUBING, CASING, AND CEMENTING RECORD									
HOLE SIZE		CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
12 1/4"		9 5/8"		223'		136 cu ft			
8 3/4"		7"		3623'		330 cu ft			
6 1/4"		4 1/2"		3476-5890'		422 cu ft			
		1 1/4" & 2 3/8"		3347-5841'					

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 of hole for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D 735	Length of Test 3 Hrs.	Bbls. Condensate/MCF 117 MCF	Gravity of Condensate 0
Testing Method (plug, back pr.) Back Pressure	Tubing Pressure (Shut-In) 593	Casing Pressure (Shut-In) 593	Choke Size 3/4"

* Continued Perf's:

5472, 5475, 5478, 5486, 5489, 5492, 5495, 5502, 2nd set 5517, 5532, 5537, 5548, 5577 w/1 SPZ. 3rd stage 4925, 4930, 4940, 4945, 4966, 4972, 4978, 5009, 5032, 5038, 5044, 5050, 5144, 5170, 5198, 5204, 5324 w/1 SPZ. 4th stage 4252, 4266, 4270, 4274, 4279, 4302, 4308, 4315, 4390, 4405, 4409, 4415, 4430, 4456 w/1 SPZ. 5th stage 3279-97, 3302-10, 3319-30, 3340-45, 3360-67 w/10 SPZ.