

EL PASO NATURAL GAS COMPANY

DEVIATION REPORT

Name Of Company El Paso Natural Gas Company				Address Box 990, Farmington, New Mexico 87401			
Lease San Juan 30-6 Unit		Well No. 84 (OWWO)	Unit Letter M	Section 11	Township 30N	Range 7W	
Pool Blanco Mesa Verde					County Rio Arriba		

DEPTH

DEVIATION

4995'

1/2°

SIDETRACK HOLE

~~5020x~~

5020'

5°

~~5~~

5062'

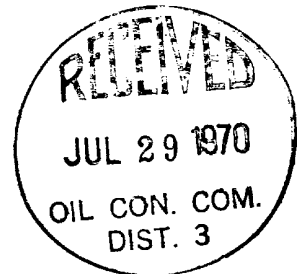
4 1/2°

5450'

3°

5863'

2 3/4°



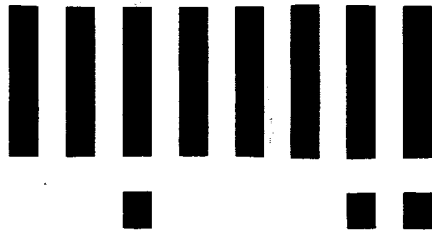
I, the undersigned, certify that I, acting in my capacity as Petroleum Engineer of El Paso Natural Gas Company, am authorized by said Company to make this report; and that this report was prepared by me or under my supervision and directions and that the facts stated therein are true to the best of my knowledge and belief.

[Signature]

Subscribed and sworn to before me this 22nd day of July, 1970.

[Signature]
Notary Public in and for San Juan County, New Mexico

My commission expires October 5, 1972.



LTR



Job separation sheet

NO. OF COPIES RECEIVED		6
DISTRIBUTION		
SANTA FE		1
FILE		1
U.S.G.S.		
LAND OFFICE		
TRANSPORTER	OIL	1
	GAS	1
OPERATOR		2
PRORATION OFFICE		

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

I. Operator
El Paso Natural Gas Company
Address
Box 990, Farmington, New Mexico 87401
Reason(s) for filing (Check proper box)
New Well ☐ Change in Transporter of:
Recompletion ☒ Oil ☐ Dry Gas ☐
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐
Other (Please explain)
See Back for Details

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

II. DESCRIPTION OF WELL AND LEASE

Lease Name San Juan 30-6 Unit	Well No. 84	Pool Name, Including Formation Blanco Mesa Verde	Kind of Lease State, Federal or Fee X	Lease No. NM 012694
Location Unit Letter M ; 990 Feet From The South Line and 990 Feet From The West Line of Section 11 Township 30N Range 7W , NMPM, Rio Arriba County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/> El Paso Natural Gas Company	Address (Give address to which approved copy of this form is to be sent) Box 990, Farmington, New Mexico 87401	
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> El Paso Natural Gas Company	Address (Give address to which approved copy of this form is to be sent) Box 990, Farmington, New Mexico 87401	
If well produces oil or liquids, give location of tanks. Unit M Sec. 11 Twp. 30N Rge. 7W	Is gas actually connected?	When

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			X	
Date Spudded W/O 6-29-70	Date Compl. Ready to Prod. 7-15-70		Total Depth 5863		P.B.T.D. 5831			
Elevations (DF, RKB, RT, GR, etc.) 6293' GL	Name of Producing Formation Blanco Mesa Verde		Top X /Gas Pay 5090'		Tubing Depth 5815'			
Perforations 5090-5102, 5126-38, 5236-48, 5284-96, 5424-36, 5450-62, 5494-5506, 5550-62, 5692-98, 5746-52, 5798-5804'					Depth Casing Shoe 5863'			
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
6 1/4"	4 1/2"		5863'		125 Sks.			
	2 3/8"		5815'		Tubing			

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(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 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 9143	Length of Test 3 Hours	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.) Calculated A.O.F.	Tubing Pressure (shut-in) 515	Casing Pressure (shut-in) 714	Choke Size 3/4"

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.

Original Signed **F. H. WOOD**

(Signature)

Petroleum Engineer

(Title)

July 22, 1970

(Date)

OIL CONSERVATION COMMISSION

APPROVED **JUL 29 1970**
BY **Original Signed by Emery C. Arnold**
SUPERVISOR DIST. #3
TITLE _____

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

If this is a request for allowable for a newly drilled or deepened well, this form 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.

WORKOVER

- 6-29-70 Rigged up Dwinell Bros. rig #1. Cut off stuck tubing at 5085', pulled 167 joints tubing. Set cement retainer at 4895'.
- 6-30-70 Squeezed open hole w/100 sacks of cement. Perforated 2 holes at 2313'. Set cement retainer at 2268'. Squeezed through perfs w/250 sacks of cement.
- 7-1-70 Drilled retainer at 2368' and cement to 2320'. Tested casing to 1000#, held O. K. Going in blowing down. Drilled retainer cement to 4995'. Drilling w/gas.
- 7-2-70 Drilling sidetrack hole from 4995'.
- 7-4-70 Reached total depth - 5863'. Ran 178 joints 4 1/2", 10.5#, K-55 casing (5851') set at 5863' w/125 sacks of cement. WOC
- 7-5-70 P.B. T. D. 5831'. Perf. 5424-36', 5450-62', 5494-5506', 5550-62', 5692-98', 5746-52', 5798-5804' w/18 SPZ. Frac w/64,000# 20/40 sand, 51,260 gal. water, dropped 6 sets of 18 balls, flushed w/3880 gal. water. Perf. 5090-5102, 5126-38, 5236-48, 5284-96' w/18 SPZ. Frac w/40,000# 20/40 sand, 35,580 gal. water. Dropped 3 sets of 18 balls, flushed w/3550 gal. water.
- 7-6-70 Blowing to clean out sand to baffle at 5340'. Drilled same.
- 7-7-70 Ran 193 joints plus 12' pup joint, 2 3/8", 4.7# tubing (5805') set at 5815'. Seating nipple on bottom. Gauged 5333 MCF/D.
- 7-15-70 Date well was tested.

