

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
El Paso Natural Gas Company

3. ADDRESS OF OPERATOR
P.O. Box 289, Farmington, NM 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
1520'S, 1120'E
AT SURFACE:
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON	<input type="checkbox"/>	Permit to Drill Extension.	<input type="checkbox"/>
(other)			

5. LEASE
SF 077952

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Gordon

9. WELL NO.
IR

10. FIELD OR WILDCAT NAME
Fulcher Kutz PC

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 22, T-27-N, R-10-W NMPM

12. COUNTY OR PARISH
San Juan

13. STATE
New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6193' GL

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

IT IS ANTICIPATED THAT THE "PERMIT TO DRILL" WILL EXPIRE BEFORE THIS WELL CAN BE SPUDDED: THEREFORE, AN EXTENSION IS REQUESTED.



Subsurface Safety Valve: Manu. and Type _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Drilling Clerk DATE August 25, 1980

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

Extension Approved to April 23, 1980

Bruce W. [Signature]

SE

*See Instructions on Reverse Side

NMOCC

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special					Test Date 1-13-81										
Company El Paso Natural Gas Company				Connection El Paso Natural Gas Company											
Pool Fulcher Kutz				Formation Pictured Cliff				Unit							
Completion Date 1-6-81		Total Depth 2239		Plug Back TD 2229		Elevation 6193 GR		Farm or Lease Name Gordon							
Csg. Size 2.875	Wt. 6.4	d 2.441	Set At 2239	Perforations: From 2007 To 2061			Well No. #1R								
Thq. Size None	Wt.	d	Set At	Perforations: From To			Unit I	Sec. 22	Twp. 27	Rge. 10					
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Single					Packer Set At			County San Juan							
Producing Thru Csg.		Reservoir Temp. °F #		Mean Annual Temp. °F		Baro. Press. - P _a 12		State New Mexico							
L	H	Gg	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run	Taps							
FLOW DATA					TUBING DATA			CASING DATA		Duration of Flow					
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F					
SI									362		7 Days				
1.															
2.															
3.															
4.															
5.															
RATE OF FLOW CALCULATIONS															
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd								
1															
2															
3															
4															
5															
NO.	P _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.										
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.										
2.					Specific Gravity Separator Gas _____ X X X X X X X X X										
3.					Specific Gravity Flowing Fluid _____ X X X X X										
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.										
5.					Critical Temperature _____ R _____ R										
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____										
1					AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____										
2															
3															
4															
5															
Absolute Open Flow _____ Mcfd @ 15.025					Angle of Slope θ _____			Slope, n _____							
Remarks: _____															
Approved By Division				Conducted By: Tom McAndrews				Calculated By: H. E. McAnally				Checked By:			

EL PASO NATURAL GAS COMPANY
DEVIATION REPORT

Name of Company EL PASO NATURAL GAS COMPANY		Address BOX 289, FARMINGTON, NEW MEXICO			
Lease Gordon	Well No. 1R	Unit Letter I	Section 22	Township 27N	Range 10W
Pool Fulcher Kutz Pictured Cliffs			County San Juan		

<u>DEPTH</u>	<u>DEVIATION</u>
688	1/2°
1182	1 1/2°
1650	1 1/4°
2220	1 1/2°
2239	1 1/2°



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.

Don Read

Subscribed and sworn to before me this 26th day of January, 1981.

Don G. Susco
Notary Public in and for San Juan County, New Mexico

My commission expires October 5, 1984