

Operator El Paso Natural Gas Company		County San Juan		Date August 2, 1974	
Address PO Box 990, Farmington, NM 87401		Lease Howell		Well No. 116	
Location of Well	Unit N	Section 34	Township 28N	Range 18W	

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES * NO

2. If answer is yes, identify one such instance: Order No. * ; Operator Lease, and Well No.:
*Re: NMOCC Memo #18-58

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	So. Blanco Pictured Cliffs		Undes. Chacra
b. Top and Bottom of Pay Section (Perforations)	2130-2230'		3075-3150'
c. Type of production (Oil or Gas)	gas		gas
d. Method of Production (Flowing or Artificial Lift)	flowing		flowing

4. The following are attached. (Please check YES or NO):

- | Yes | No | |
|-------------------------------------|-------------------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.* |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A. |

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

Atlantic Richfield, 501 Lincoln Tower, Denver, CO 80203

R&G Drilling Co., 12 West 72nd Street, New York, NY

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES X NO . If answer is yes, give date of such notification August 2, 1974.

CERTIFICATE: I, the undersigned, state that I am the Lead Clerk of the El Paso Natural Gas Co. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Raymond
Signature

*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard perforation unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

OIL CONSERVATION COMMISSION
DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE 8-30-74

RE: Proposed MC ✓
Proposed DHC
Proposed NSL
Proposed SWD
Proposed WFX
Proposed PMX

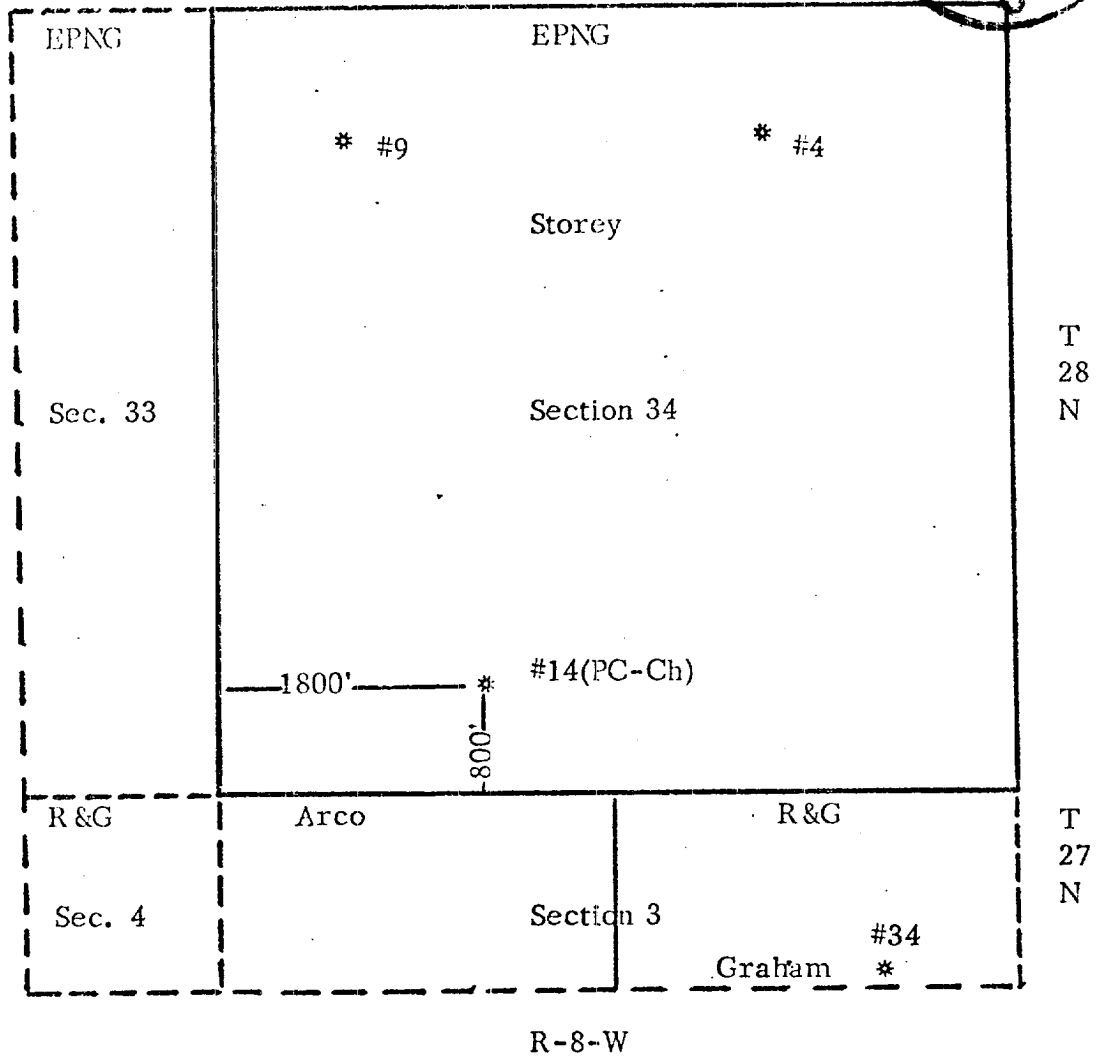
Gentlemen:

I have examined the application dated 8 2 74
for the LPNE Howell 14 N-34 254 2W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Yours very truly,

Plat Showing Location of Intended Dual Completion (Tubingless)
 El Paso Natural Gas Company Howell #14 (PC-Ch) Well
 and Offset Acreage



				ENG. REC.	DATE	El Paso Natural Gas Company	
				DRAWN			
				CHECKED			
				CHECKED			
				PROJ. APP.			
PRT.	SEP.	DATE	TO	W.D.	REASON	SCALE:	OVER

Schematic Diagram of Intended Final Completion (Tubingless)
 El Paso Natural Gas Company Howell #14 (CC-GH)
 SW/4 Section 34, T-28-N, R-8-W

Dual String
 Xmas Tree

Zero Reference point 10.0' above top
 flange of casing hanger.

← Set 9 5/8", 32.3#, H-40 surface casing at 130' with 145 cu. ft. cement,
 circulated to surface.



← Selectively perforate and sandwater fracture the Pictured Cliffs formation.

← Set 2 7/8", 6.4#, J-55 Pictured Cliffs production casing at approximately
 2330' with cement to cover the Ojo Alamo, est. top of cement at 1200'.

← Selectively perforate and sandwater fracture the Chacra formation.

← Set 2 7/8", 6.4#, J-55 Chacra production casing at approximately 3190'
 with cement to cover the Lewis, est. top of cement at 2230'.