OIL CONSERVATION DIVISION DISTRICT I

OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW NEXICO 87501

DATE 1/30/30

RE:	Proposed	MC
	Proposed	DHÇ
	Proposed	
	Proposed	
	Proposed	SWD
	Proposed	WFX
	Proposed	PMX X

Gentlemen:

I have examined the application for the:

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perator	Elacourthay SHI	unt & 2717 # 5-	127-17-39
Operator /	Lease and Well No.	Unit, S - T - R	
and my recommendations are $-\frac{1}{2}$	as follows:		
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Yours very truly,	· · · · · · · · · · · · · · · · · · ·		

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/mc



PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762 4001 PENBROOK

NATURAL RESOURCES GROUP Exploration and Production

January 28, 1980

Conversion to Water Injection Service--East Vacuum Grayburg-San Andres Unit Tract No. 2717, Well No. 005 Vacuum Grayburg-San Andres Pool Lea County, New Mexico

New Mexico Department of Energy and Minerals (3) Oil Conservation Division P. O. Box 2088 Santa Fe, New Mexico 87501

Attention: Mr. Joe D. Ramey Division Director

Gentlemen:

We respectfully request administrative approval of expansion of the water flood area, as provided by Order No. R5897, Rule No. 9, for the East Vacuum Unit pressure maintenance project, to convert the East Vacuum Grayburg-San Andres Unit Tract 2717, Well No. 005, to water injection service. The following data is submitted in support of this request:

- 1. Unit plat reflecting the proposed injection well and injection well project area. (Well: Unit P, 27, 17-S, 35-E.)
- 2. Borehole compensated sonic log of the injection well.
- 3. Diagrammatic sketch of the proposed well, injection tubing, packer and pressure control elements identifying the San Andres perforated injection interval.
- 4. The name of the injection formation is San Andres with injection to be into the interval 4413 to 4602 feet. Injection will be by gravity with an anticipated maximum of 500 barrels of produced Grayburg-San Andres water per day.

Your consideration and early advice will be appreciated.

Yours very truly,

T. Harold McLémore Area Regulation and Proration Analyst

THM:skm Attachments

cc: 0il Conservation Division Hobbs, New Mexico (Attachments w/o CNFD log)

PHILLIPS PETROLEUM COMPANY EAST VACUUM UNIT PRESSURE MAINTENANCE PROJECT N. M. O. C. D. R- 5897 VACUUM GRAYBURG - SAN ANDRES POOL, LEA COUNTY, NEW MEXICO TRACT _______ WELL ______ CONVERSION TO WATER INJECTION STATUS CONTROL TYPE : _ Electronic Rate--ANNULUS PRESSURE PRESSURE Pressure Controller GAUGE -----X A - BRADENHEAD MONITOR REDBEDS 8-5/8 *** 0. D. @** 353 [,] 230' CEMENTED WITH 350 SXS. (427 FT³) TOP OF CEMENT _____Circulated RUSTLER 1617' SALADO WELL LOCATION YATES Unit_P___, Section_27___ 2904' T-<u>17</u>-S R-35-E QUEEN ANNULUS FLUID: Treated Brine 3747' 2-7/8 0. D. TUBING 4375 0 LINING _____Plastic Coated **GRAYBURG** 4100' _ PACKER @ _____4375 TYPE Baker Model AD-1 (Tension) SAN ANDRES 4400' - TOP <u>4413</u> ' 6 10 SAN ANDRES 10 PERFORATED INTERVALS 10 --- BOTTOM ______ 4602 ' **PBTD** ____4750' <u>5-1/2</u> " O. D. @ <u>4798</u> '

CEMENTED WITH <u>1160</u> SXS. (<u>2200</u> TOP OF CEMENT <u>Circulated</u>

FT)

4800'

TD