#### NEWMONT OIL COMPANY

ROWLEY BUILDING

ARTESIA, NEW MEXICO

NEW MEXICO . .

July 23, 1963

148

State of New Mexico Oil Conservation Commission P.O. Box 871 Santa Fe, New Mexico

Gentlemen:

We hereby make application for administrative approval to convert the following wells to water injection:

Etz "C" 3 Leonard No. 3 660 FS&EL, Sec. 34-16-30 660 FSL, 1980 FWL, Sec. 34-16-30

Conversion of these wells will be an expansion of Newmont Oil Company's West Square Lake waterflood in the Square Lake Field of Eddy County, New Mexico.

Copies of this application have been sent to the State Engineer, to Ambassador Oil Company, and to Waterflood Associates, Inc.

Yours very truly,

Newmont Oil Company

Herman J. Ledbetter District Superintendent

HJL/RJC:ggp

# GAS-OIL RATIO REPORT

OPERATOI	Newn	nont 0	il Comp	any								
ADDRESS	Rowl	ey Bu	ilding,	Artesia	, N. M.	MON	TH OF				, 19	
SCHEDULF	D TEST			CO <b>MPLI</b>	ETION TES			SPECIAL	TEST	X	(Check One)	
-		Well	Date of	Producing	Choke		Daily	Prod	uction Dur	ring Test	GOR	
Lea	sc	No. Test		Method	Size			Water Oil Bbls. Bbls.		Gas MCF	Cu. Ft. Per Bbl.	
Applicatio	n for	admini	strati	ve appro	val to c	onvert	Leonard	No. 3 t	o wate	r inject	on	
<b>L</b> eonard	11B11	9	3-62 8-62 3-63 7-63	P P P	  	24 24 24 24 24		0 0 0	1.5 6.5 8.0 10.0	TSTM TSTM TSTM TSTM		

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60 degrees F. Specific gravity base will be 0.60.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission. In accordance with Rule 301 and Appropriate Pool Rules.

(I certify that the information given is true and complete to the best of my knowledge.)

Date July 23, 1963	Company
	By Burnian J Sadlutter
	District Superintendent
	Title

#### NEW MEXICO OIL CONSERVATION COMMISSION

## GAS-OIL RATIO REPORT

OPERATOR Newn	nont 0	il Com	oany		POOL Square Lake								
ADDRESS ROWLE	ey Bui	lding.	Artesia,	N. M.	MON	TH OF			••••	, 19			
SCHEDULED TEST.		•••••••		TION TEST		SPECIAL	TEST	(Check One)					
				<b>( - 000 m</b>		,							
	34/-11	Data of	Dua da ain n	Ch -l-	Total	Daily	Prod	uction Du	ring Test	GOR			
Lease	Well No.	Date of Test	Producing Method	Choke Size	Test Hours	Allowable Bbls.	Water Bbls.	Oil Bbls.	Gas MCF	Cu. Ft. Per Bbl.			
Application f	or adı	minist	ative ap	provai t	o conve	rt Etz "	C" No.	3 to w	ater inj	ection			
Etz "C"	2	12-62 2-63 7-63	P P P	 	24 24 24		6.1 26 33	33.9 38 38	TSTM TSTM TSTM				
Etz "C"	3	12-62 3-63 7-63	P P P		2 <sup>4</sup> 2 <sup>1</sup> 4 2 <sup>4</sup>		0 0 11	6 18	TSTM TSTM TSTM				

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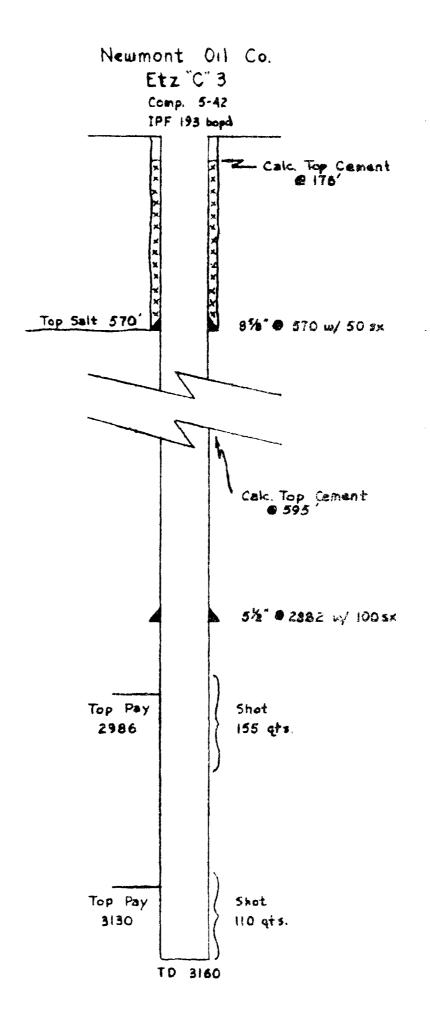
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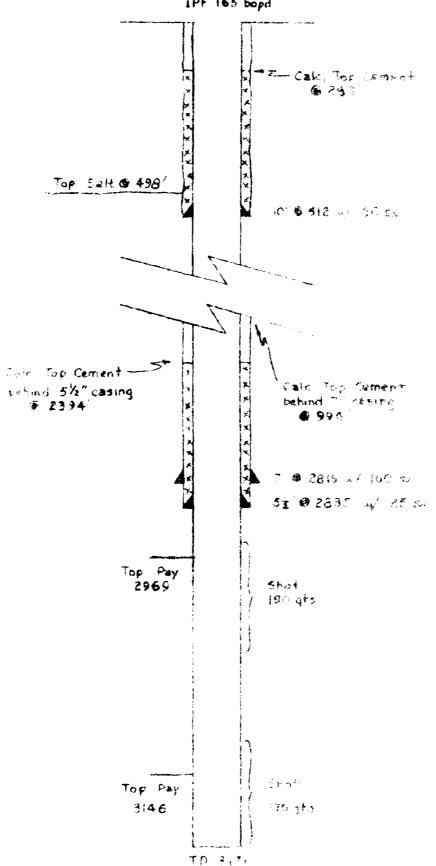
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(I certify that the information given is true and complete to the best of my knowledge.)

Date	<b>J</b> uly 23,	1963	NEWMONT OIL COMPANY
Date			La Community
			By Almon Jakillin
			District Superintendent
			Title



Newmont Oil Co. Leonard No. 3 Comp. 4-42 IPF 165 bopd



6	F. M. ALLISON	CARPER	91	HIGHTOWER U.S.	BREWER 61	H. L. WOODWARD  (TEXACO)  0.1	M*DONALD	S. SANDERS	WEST'N OIL FIELDS	+ /:	NEWMONT FLYNN, ET AL	1 300	SINCAIR "B"	+	ω 	+ + + KEEL	SINCLAIR 814 "A"	1. L. KEEL U.S. W.S.
24	HUMBLE	(TEXACO)	SHELL	u.s.	TEXACO, ET AL	93 A N F77	25 —	20	V. S. WELCH	NEW MONT V.S. WELCH	NEWMONT WF 4.17	(120AC 2TR.) WF 4:18 (120AC 2TR.) WF 4:18   STATE "8"   STATE "4"   STATE "4"	3	+ + + • • • • • • • • • • • • • • • • •		e 20 e 19 ICKSON S.	M. YATES, JR., NASH, WINFOHR & BROWN ET AL 827	U.S. J. M. JACKSON
3 <u>-</u>	SHELL	J. B. MULCOCK		7	(TEXACO) SHELL 93-P	A.M. ARCHER, ET AL SHELL	TEXACO	*	NEWMONT #4 WF 4:21	2. 	THON NO	WF 4:10		NASH, WINDFOHR B BROWN	**	J. M. JACKSON	M. YATES, JR. ET AL	IVERSON SUPPLY SUPPLY
+ +	TEXACO	+		u.s.	8, R	NEWMONT WF 4:2	26	#3   #4   #   #   #   #   #   #   #   #	NEWMONT  BIS WF 4:4 gile	480 AC. 2 TRACTS)  \$ \$4 \$ \$4^{13-2}\$  \$ \$60. \$72."a"	NEWMONT  OF OF TE WITE  WF 4:20  GEO. ETZ "8"	NEWMONT  WF 4:4  GEO. ETZ "A"  U.S.			BURNHAM OIL CO.	0.0 66 0.7 0.8		8 BROWN SUPPLY S
+ +					R B WOLLEY, S/R TENNECO, D/R.	SHELL	CAN (SNOWDEN)	2.8%	T		20			MERRILL   MERRILL	••	•		NASH, WINDFOHR B
	W, ETAL PAN AMER		   ARBA GREEN	U.S.	ER. E.L. McCURDY, JR.		ET AL GEN. AMERICAN	400	NEWMONT NEWMONT		- 34	CONVELSIONS  CONVELSIONS  CONVELSIONS  ECONORD '8"- FED US. ETZ "C"- FED	ACO R D COLLIER	+ + + + + + + + + + + + + + + + + + +	GENERAL AMERICAN		TEXACO, INC. "H"	PARKE U.S. 10————
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+ 21	HUMBLE			0.5	HUMBLE		58			(635.76AC 4 TRACTS) (320 AC  43	8	•• 'VANS'B": FEO US.A	Partitive that the second	+ + + + + + + + + + + + + + + + + + + +	EWMONT	ES, +	SINCLAIR	, , , , , , , , , , , , , , , , , , ,
<u> </u>	J. H. TRIGG		<i>y</i> .			**				NEWMONT WF 4:14	2	OI OT	S. P. YATES, JR., ET AL	EVANS LEON		MY YATES, JR., ETAL	GEN. AMER.	+ 1
F T 20	GEN AMER.		CARPENTER	0.5	HUMBLE		DONNELLY, S/RI	FED - 80GLE U.S.	TENNECO, ETAL, HÜMBLE, ETAL	2	CONT'L - 32	CONOCO "M"	SOUTHWESTERN INC. ET AL   S.P.	+ + + + + DexalB	TEXACO, INC.	u,s.	AMDERSONDRI ++++++++++++++++++++++++++++++++++++	W. T. 6155LER U.S. 8

#### WATER FLOOD ASSOCIATES, INC.

301 BOOKER BLDG. ARTESIA, NEW MEXICO

P. O. BOX 376

PHONE SH 6-6032

JULY 25, 1963

Oll Conservation Commission Box 871 Santa Fe, New Mexico

GENTLEMEN:

REFERENCE IS MADE TO THE APPLICATION OF NEWMONT OIL COMPANY FOR ADMINISTRATIVE APPROVAL TO CONVERT THEIR ETZ "C" No. 3 AND LEONARD No. 3 TO WATER INJECTION. THESE WELLS ARE IN SECTION 34-16-30, SQUARE LAKE POOL, EDDY COUNTY.

WATER-FLOOD ASSOCIATES, [NC. HAS NO OBJECTION TO THIS APPLICATION.

VERY TRULY YOURS,

WATER FLOOD ASSOCIATES, INC.

H. C. PORTER
SUPERINTENDENT

HCP:EL

CC: NEWMONT OIL COMPANY - ARTESIA, NEW MEXICO CURTIS McBroom - FORT WORTH, TEXAS FILE - ROBINSON CORRESPONDENCE

# AMBASSADOR ()IL CORPORATION

AMBASSADOR BUILDING

3109 WINTHROP P. O. Box 9338 FORT WORTH 7, TEXAS

CABLE ADDRESS

CHAIRMAN AND
CHIEF EXECUTIVE OFFICER
C. HARRISON COOPER
PRESIDENT

F. KIRK JOHNSON

JULY 29, 1963

NEW MEXICO OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO

GENTLEMEN:

AS OFFSET OPERATOR, WE HAVE NO OBJECTION TO YOUR GRANTING NEWMONT OIL COMPANY ADMINISTRATIVE APPROVAL TO CONVERT THEIR LEONARD No. 3 TO WATER INJECTION STATUS. THE WELL IS LOCATED IN THE SQUARE LAKE FIELD, EDDY COUNTY, NEW MEXICO.

Yours VERY TRULY,

E. A. RILEY

ASSISTANT VICE-PRESIDENT

Manager of Secondary Recovery Div.

EAR/HB

CC: NEWMONT OIL COMPANY

ROWLEY BUILDING
ARTESIA, NEW MEXICO

ATTEN: MR. HERMAN J. LEDBETTER



## STATE OF NEW MEXICO

### STATE ENGINEER OFFICE SANTA FE

S. E. REYNOLDS STATE ENGINEER

July 31, 1963

ADDRESS CORRESPONDENCE TO: STATE CAPITOL SANTA FE, N. M.

Mr. A. L. Porter, Jr. Secretary-Director Oil Conservation Commission Santa Fe, New Mexico

Dear Mr. Porter:

Reference is made to the application of Newmont Oil Company dated July 23, 1963 which seeks administrative approval to convert the following wells to water injection:

Etz "C" 3 Leonard No. 3 660 FS&EL, Sec. 34-16-30 660 FSL, 1980 FWL, Sec. 34-16-30

The diagrammatic sketches accompanying this application indicate that the surface casing is set into the salt zone and adequately cemented and it appears therefrom that no threat of contamination to the fresh waters which may exist in the area will occur. Therefore, this office offers no objection to the granting of this application.

Very truly yours,

S. E. Reynolds State Engineer

FEI/ma cc-Newmont Oil Co.

Chief

Water Rights Division