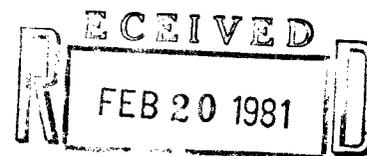


ARCO Oil and Gas Company
Permian District
Post Office Box 1610
Midland, Texas 79702
Telephone 915 684 0149
Jerry L. Tweed
District Engineer



OIL CONSERVATION DIVISION
SANTA FE

February 19, 1981

Mr. Joe D. Ramey
Oil Conservation Commission
New Mexico Department of Energy and Minerals
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: W. H. Harrison "C" WN No. 5
Simultaneous Dedication
Unorthodox Location
1700' FSL & 1680' FWL
Section 20, T-24-S, R-37-E
Lea County, New Mexico

Jalmat Gas Pool
NSL & Simultaneous
NSL-1328
Rule 3 RIG 70
3-12-81

Gentlemen:

ARCO Oil and Gas Company requests administrative approval of an unorthodox location and simultaneous dedication of the W. H. Harrison "C" WN No. 5 to the existing non-standard 240-acre proration unit comprising the NW/4 and the N/2 SW/4 of Section 20, T-24-S, R-37-E, Lea County, New Mexico. The unit, established under Order No. R-2867, is currently classified as marginal with all acreage dedicated to the W. H. Harrison "C" WN No. 3 located in Unit L of said Section 20.

The W. H. Harrison "C" WN No. 5 was drilled and completed in 1972 in the Langlie Mattix Oil pool. The Jalmat Yates Seven Rivers was recently perforated and plan is to complete the well as a Jalmat and Langlie Mattix dual. The existing unit well, W. H. Harrison "C" WN No. 3 is currently making an average 241 MCFD. A Jalmat completion in the W. H. Harrison "C" WN No. 5 should allow the proration unit to produce its full allowable and help prevent waste and any unnecessary drainage.

ARCO Oil and Gas Company believes approval of these requests will be in the interest of conservation, protect correlative rights, and allow for more complete recovery of the Jalmat gas reserves.

Mr. Joe D. Ramey
February 19, 1981
Page 2.

Attached are a well location and acreage dedication plat (Form C-102), a map showing offset operators, and a list of offset operators who have been furnished a copy of this application by registered mail.

In addition, we have attached the last twelve months' production for the W. H. Harrison "C" WN No. 3 and the allowable for a non-marginal 240-acre proration unit in the Jalmat gas pool.

Very truly yours,



J. L. Tweed

JLT/HQP:jaf

Attachments

Offset Operators

ARCO W. H. Harrison "C" WN No. 5
Section 20, T-24-S, R-37-E
Lea County, New Mexico

Cities Service Oil Company
P. O. Box 1919
Midland, Texas 79702

Reserve Oil and Gas Company
312 HBF Building
Midland, Texas 79701

Texas Pacific Oil Company
P. O. Box 4067
Midland, Texas 79701

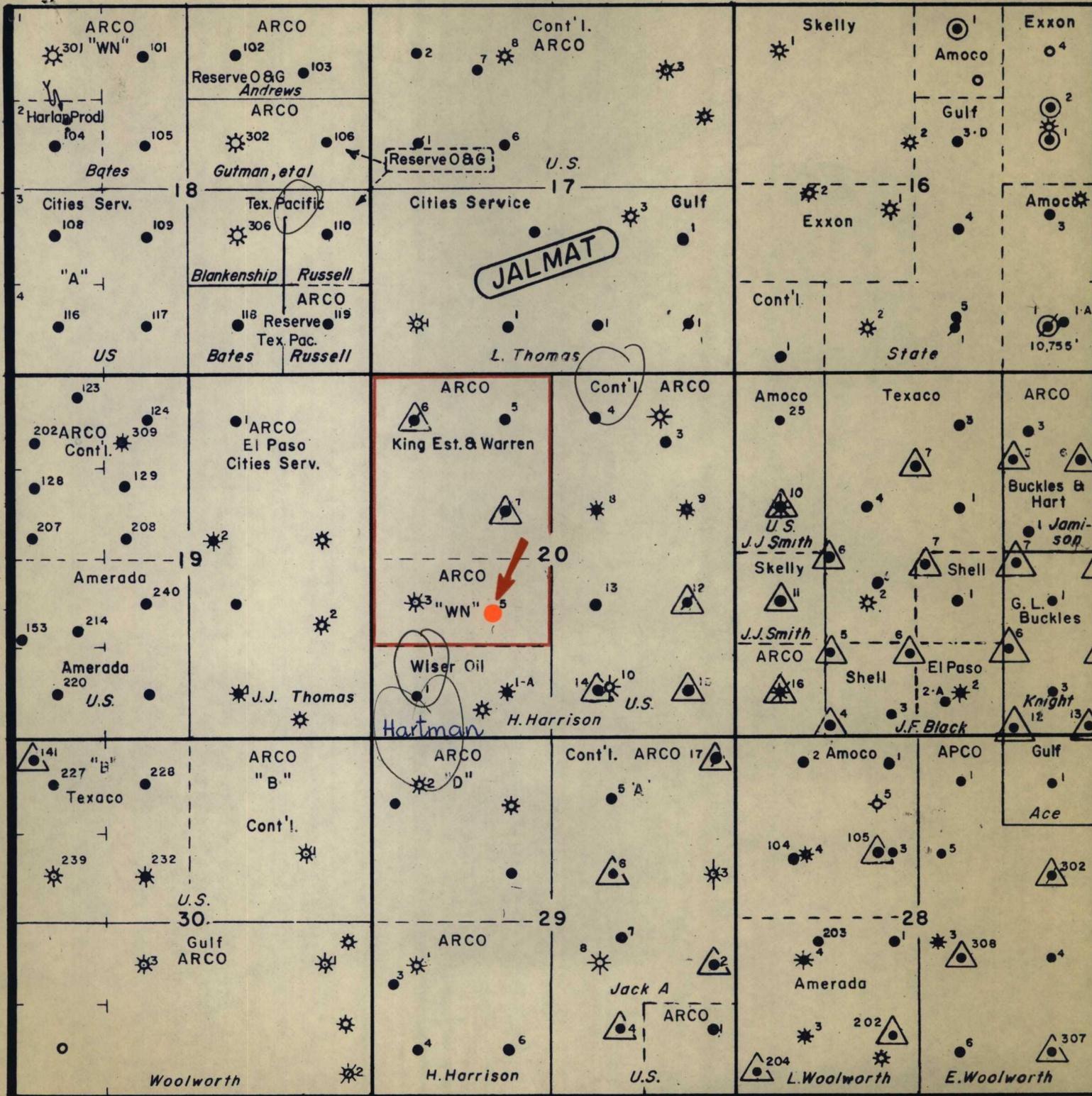
Conoco, Inc.
P. O. Box 460
Hobbs, New Mexico 88240

Wiser Oil Company
P. O. Box 2467
Hobbs, New Mexico 88240

Doyle Hartman
P. O. Box 10426
Midland, Texas 79702

Jalmat Gas
 ARCO W. H. Harrison "C" WN No. 3
PRODUCTION vs ALLOWABLE

	<u>Status</u>	<u>AF</u>	<u>Monthly Gas Production MCF</u>	<u>Jalmat Gas Allowable 240-Acre Proration Unit MCF</u>
January, 1980	M	1.50	12037	21861
February, 1980	M	1.50	11178	19876
March, 1980	M	1.50	10703	21333
April, 1980	M	1.50	11162	19911
May, 1980	M	1.50	9046	20724
June, 1980	M	1.50	11327	19654
July, 1980	M	1.50	7295	20133
August, 1980	M	1.50	10302	17334
September, 1980	M	1.50	7943	18855
October, 1980	M	1.50	8178	17530
November, 1980	M	1.50	7842	18450
December, 1980	M	1.50	7471	19362



ARCO Oil and Gas Company

Division of Atlantic Richfield Company

Permian District Midland, Texas

LEA COUNTY, NEW MEXICO

SCALE: 1" = 2000'

By H. Q. PHAM	Drawn By	Date 08-80
Date 08-80	Revised By	Date
Dept WEST AREA ENGR.	Dwg No.	

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

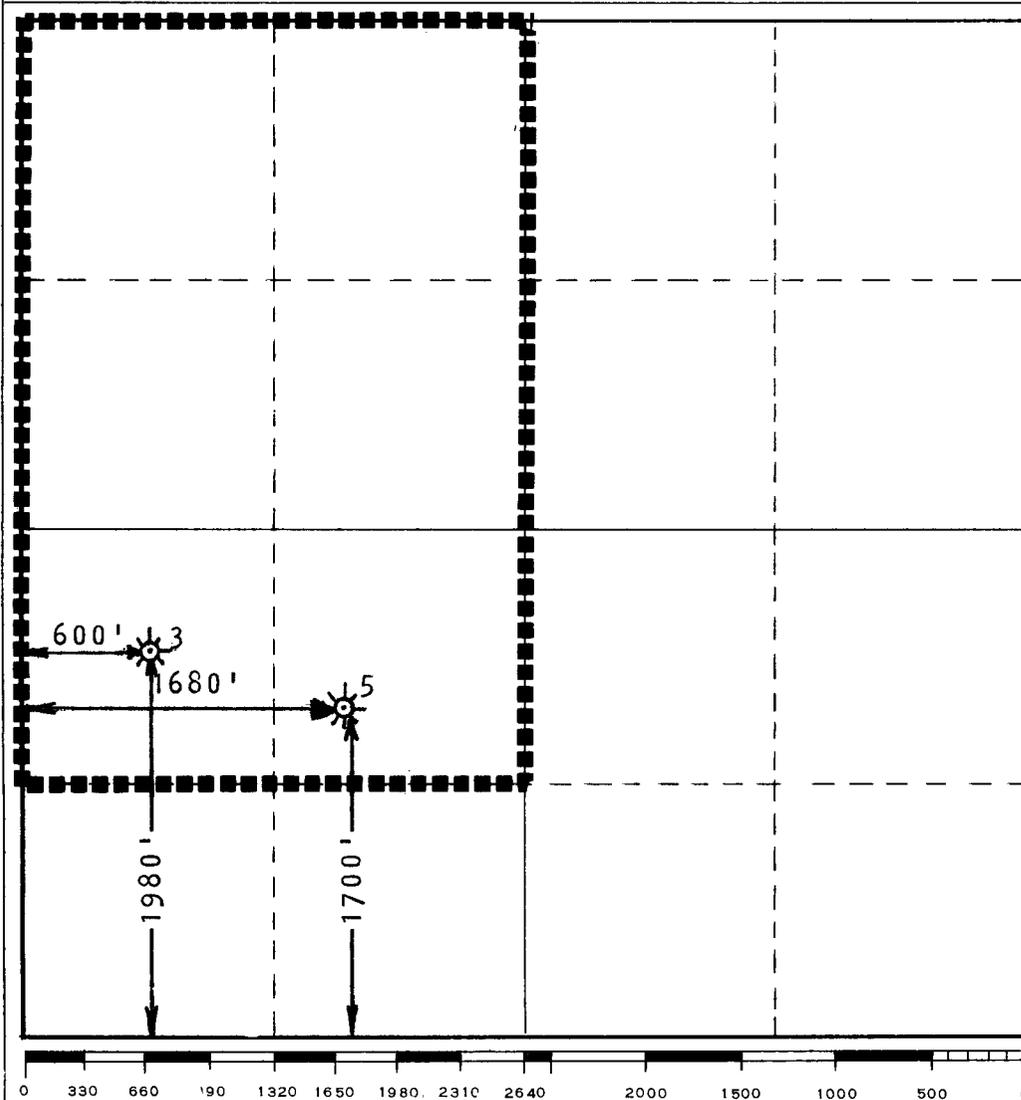
Operator ARCO Oil and Gas Company		Lease W. H. Harrison "C" WN		Well No. 5
Unit Letter K	Section 20	Township 24-S	Range 37-E	County Lea
Actual Footage Location of Well: 1700 feet from the south line and 1680 feet from the west line				
Ground Level Elev. 3276	Producing Formation Yates - 7 Rivers	Pool Jalmat	Dedicated Acreage: 240 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Huan Pham

Name Huan Pham
Position Petroleum Engineer
Company ARCO Oil & Gas Company
Date October 17, 1980

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
Registered Professional Engineer and/or Land Surveyor
Certificate No.