

ARCO Oil and Gas Company
Permian District
Post Office Box 1610
Midland, Texas 79702
Telephone 915 684 0149

Jerry L. Tweed
District Engineer

NSK - 1226



June 23, 1980

Mr. Joe D. Ramey
New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: F. M. Burleson No. 3
Application for Unorthodox location
and Simultaneous Dedication
Jalmat Yates Gas Pool
330' FNL and 330' FWL,
Section 8, T-25-S, R-37-E,
Lea County, New Mexico

Dear Mr. Ramey:

ARCO Oil and Gas Company respectfully requests administrative approval of an unorthodox location for the F. M. Burleson No. 3 due to topographic reason. The well is proposed at 330' FNL and 330' FWL of Section 8, T-25-S, R-37-E, Lea County, New Mexico. As shown on the attached surveyed plat a standard location in the NW/4 of NW/4 of said section is virtually impossible due to physical obstructions which include Railroad right-of-way, pipeline, existing well, and highway.

ARCO Oil and Gas Company also requests administrative approval of a simultaneous dedication of the Burleson No. 3 with the Burleson No. 2, which is currently producing as a marginal Jalmat Yates gas producer in an existing non-standard 160-acre proration unit. The unit, consisting of the NW/4 of said section, was established under Administrative Order NSP-624 in October, 1962. It is further requested that the Division issue certification that a second well is needed on this non-standard proration unit to effectively drain the reservoir and to restore it to non-marginal status. This certification is necessary to meet requirements of the NGPA 1978 and we request the certification be handled administratively.

RECEIVED
JUN 26 1980
OIL CONSERVATION DIVISION
SANTA FE

NSK - 1226
Simma Hamedas Ded
Jalmat Yates Pool
Rule 3 R-1670
7-16-80
indiff findings must
be filed in accordance with the
provisions of Order
R-6013A

Mr. Joe R. Ramey
June 23, 1980
Page 2.

Along with this application the following data is submitted:

Copies of Form C-101 and C-102.

Survey plat showing surface location of the Burleson No. 3.

The Burleson No. 3 has not been spudded.

The Burleson No. 2 is the only well currently producing from the Jalmat Yates gas pool. The well was drilled and completed in 1939 as a Langlie Mattix oil producer. In 1962 it was recompleted in the Jalmat and was stimulated with 500 gallons of acid, 20,000 gallons of oil and 21000 pounds of sand. Average production during April, 1980 was 19 MCFD with an accumulated production of 1.83 BCFG.

A list of all offset operators who have been furnished a copy of this application by registered mail.

A summary of the last twelve-month production from the Burleson No. 2 and the allowable for a normal 160 acre proration unit.

At no time during the last twelve months has the Burleson No. 2 made the allowable. The proposed additional well should allow the unit to produce its full allowable and will help prevent waste and eliminate unnecessary drainage.

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

Very truly yours,


J. L. Tweed

HQP:jaf

Attachments

JALMAT GAS POOL
F. M. Burleson No. 2
Production vs Allowable

Monthly Gas Production
F. M. Burleson No. 2

<u>Month, Year</u>	<u>MCF</u>	<u>AF</u>	<u>Status</u>
April, 1980	590	1.00	M
March, 1980	678	1.00	M
Feb., 1980	623	1.00	M
Jan., 1980	648	1.00	M
Dec., 1979	645	1.00	M
Nov., 1979	646	1.00	M
Oct., 1979	697	1.00	M
Sept., 1979	689	1.00	M
Aug., 1979	703	1.00	M
July, 1979	677	1.00	M
June, 1979	760	1.00	M
May, 1979	710	1.00	M

Jalmat Gas Non-
Marginal Allowable,
160 Acres - MCF

13,274
14,223
13,251
14,573
15,204
14,078
13,757
13,952
15,637
15,972
15,740
16,597

OFFSET OPERATORS

Proposed F. M. Burleson No. 3

El Paso Natural Gas Company
600 Building of the Southwest
Midland, Texas 79701

Reserve Oil, Inc.
312 HBF Building
Midland, Texas 79701

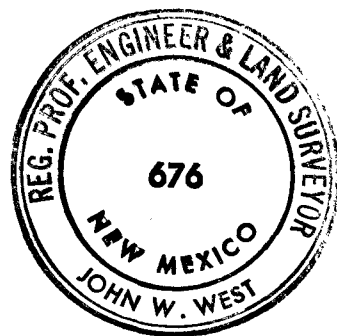
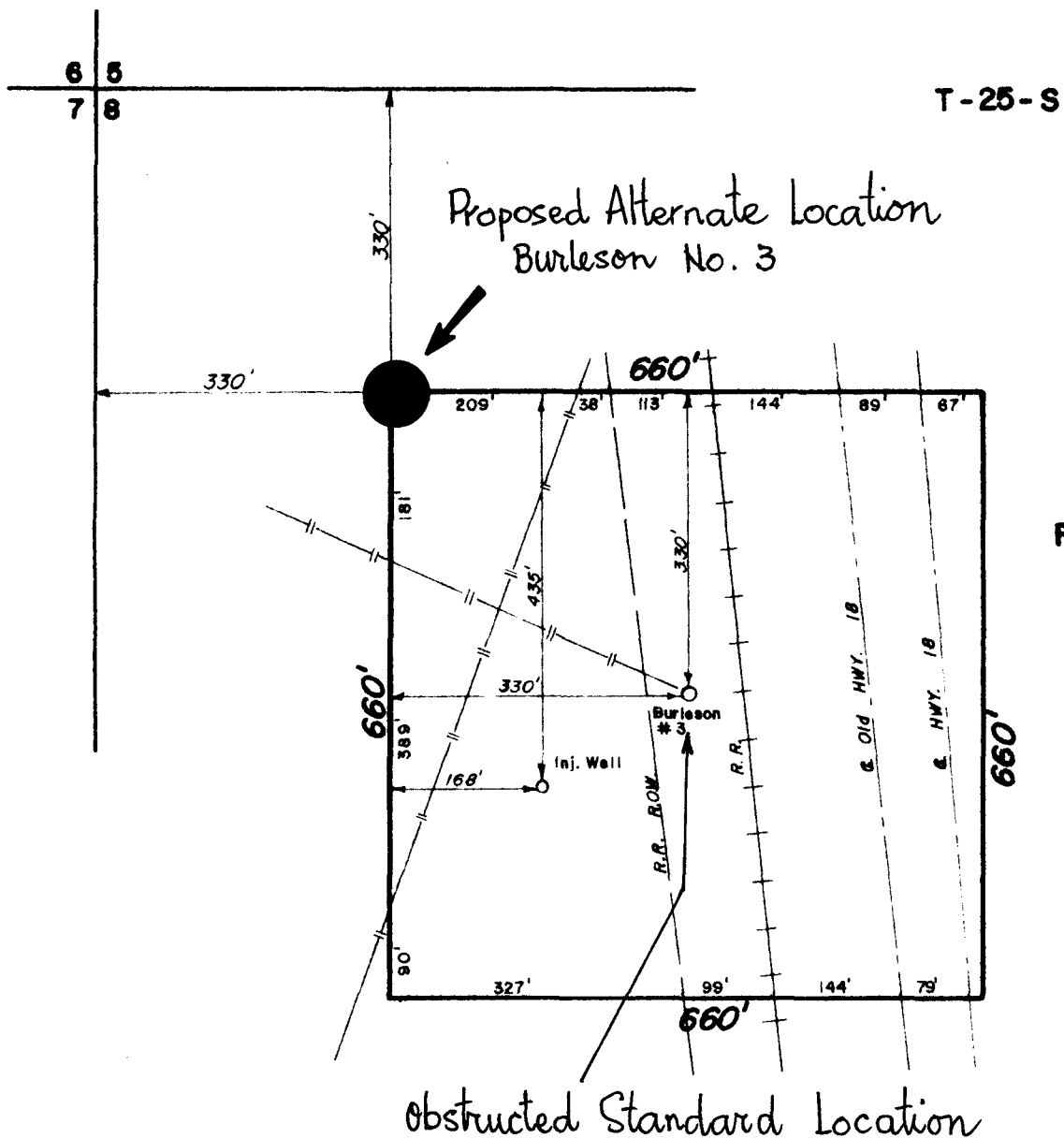
Hartman, Doyle
C & K Petroleum
Midland, Texas 79701

Texas Pacific Oil Company, Inc.
P. O. Box 4067 (1509 W. Wall)
Midland, Texas 79701

Tahoe Oil and Cattle Company
P. O. Box 3084
206 North Main
Midland, Texas 79702

Union Texas Petroleum
1300 Wilco Building
Midland, Texas 79701

Phillips Petroleum Company
P. O. Box 791
Permian Building
Midland, Texas 79701



I HEREBY CERTIFY THAT THIS PLAT WAS
MADE FROM NOTES TAKEN IN THE FIELD IN
A BONA FIDE SURVEY MADE UNDER MY SUPER-
VISION, AND THAT THE SAME IS TRUE AND
CORRECT TO THE BEST OF MY KNOWLEDGE
AND BELIEF.

John W. West
JOHN W. WEST N.M. P.E. & L.S. NO. 676
TEXAS R.P.S. NO. 1138
PARRICK A. ROMERO N.M. L.S. NO. 6885
TEXAS R.P.S. NO. 2100
RONALD J. EIDSON N.M. L.S. NO. 3238
TEXAS R.P.S. NO. 1883

ARCO OIL & GAS CO.

Topography of F.M. Burleson #3,
in Section 8, Township 25 South,
Range 37 East, Lea County, New Mexico.

JOHN W. WEST ENGINEERING COMPANY
CONSULTING ENGINEERS HOBBS, NEW MEXICO
Scale: 1" = 200' Drawn by: Bahador
Date: 6-19-1980 Sheet 1 of 1 Sheets

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

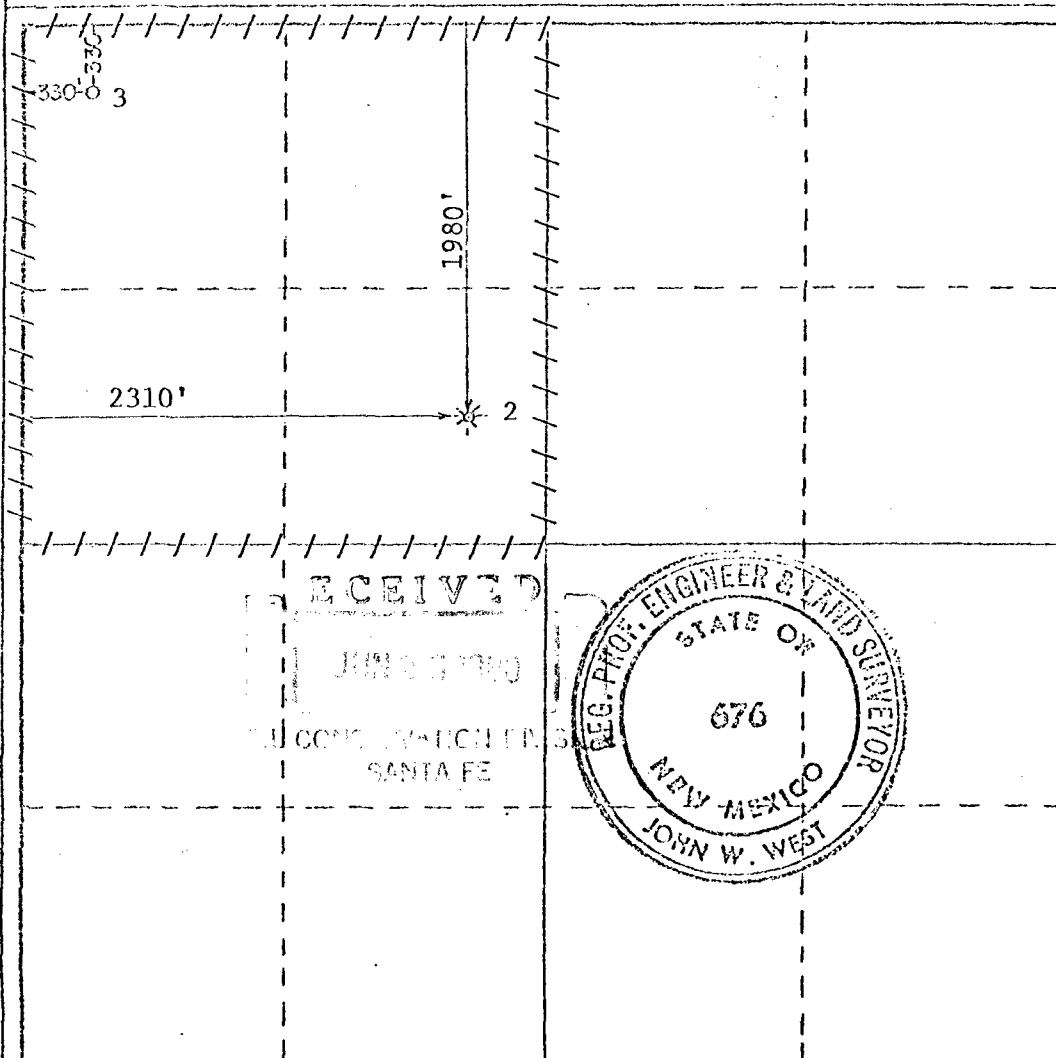
Operator Division of Atlantic Richfield Co. ARCO Oil & Gas Co.		Lease F.M. Eurlison WN		Well No. 3
Unit Letter D	Section 8	Township 25 South	Range 37 East	County Lea
Actual Surface Location of Well:				
330	feet from the North	Line and	330	feet from the West
Ground Elev. 3177.2	Producing Formation Jalmat	Pool Jalmat Gas	Dedicated Acreage: 160 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.

No. DD-1000

Position For: LEROY LANE

Dist. Drlg. Supt.

ARCO Oil and Gas Company
Division of Atlantic Richfield Company

Date
6/13/80

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
May 21, 1980

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No. JOHN W. WEST 676
PATRICK A. ROMERO 6333
Ronald J. Eidson 3239

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U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-121
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Form or Lease Name F. M. Burleson WN	
2. Name of Operator ARCO Oil and Gas Company Division of Atlantic Richfield Company		9. Well No. 3	
3. Address of Operator Box 1710, Hobbs, New Mexico 88240		10. Field and Pool, or Wildcat Jalmat Yates Gas	
4. Location of Well UNIT LETTER D LOCATED 330 FEET FROM THE North LINE AND 330 FEET FROM THE West LINE OF SEC. 8 TWP. 25S RGE. 37E NMPM		12. County Lea	
19. Proposed Depth 3150'		19A. Formation Jalmat Gas	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 3177.2' GR	
21A. Kind & Status Plug. Bond GCA #8		21B. Drilling Contractor Hillin Drlg. Co.	
22. Approx. Date Work will start 6/16/80			

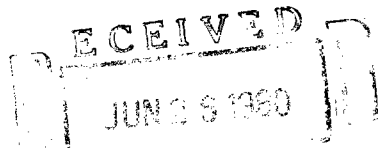
PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11"	8-5/8" OD	24# K-55	1100'	975	Circ to surf
7-7/8"	5 1/2" OD	15.5# K-55	3150'	1450	Circ to surf

Propose to drill a development well to test the producing capabilities of the Jalmat Gas zone and recover remaining reserves. Subject to NMOCD Administrative Approval of Non-Standard location. Simultaneous dedication of acreage and infill finding (Section 103).

Blowout preventer program attached.

Gas dedicated.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM. IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

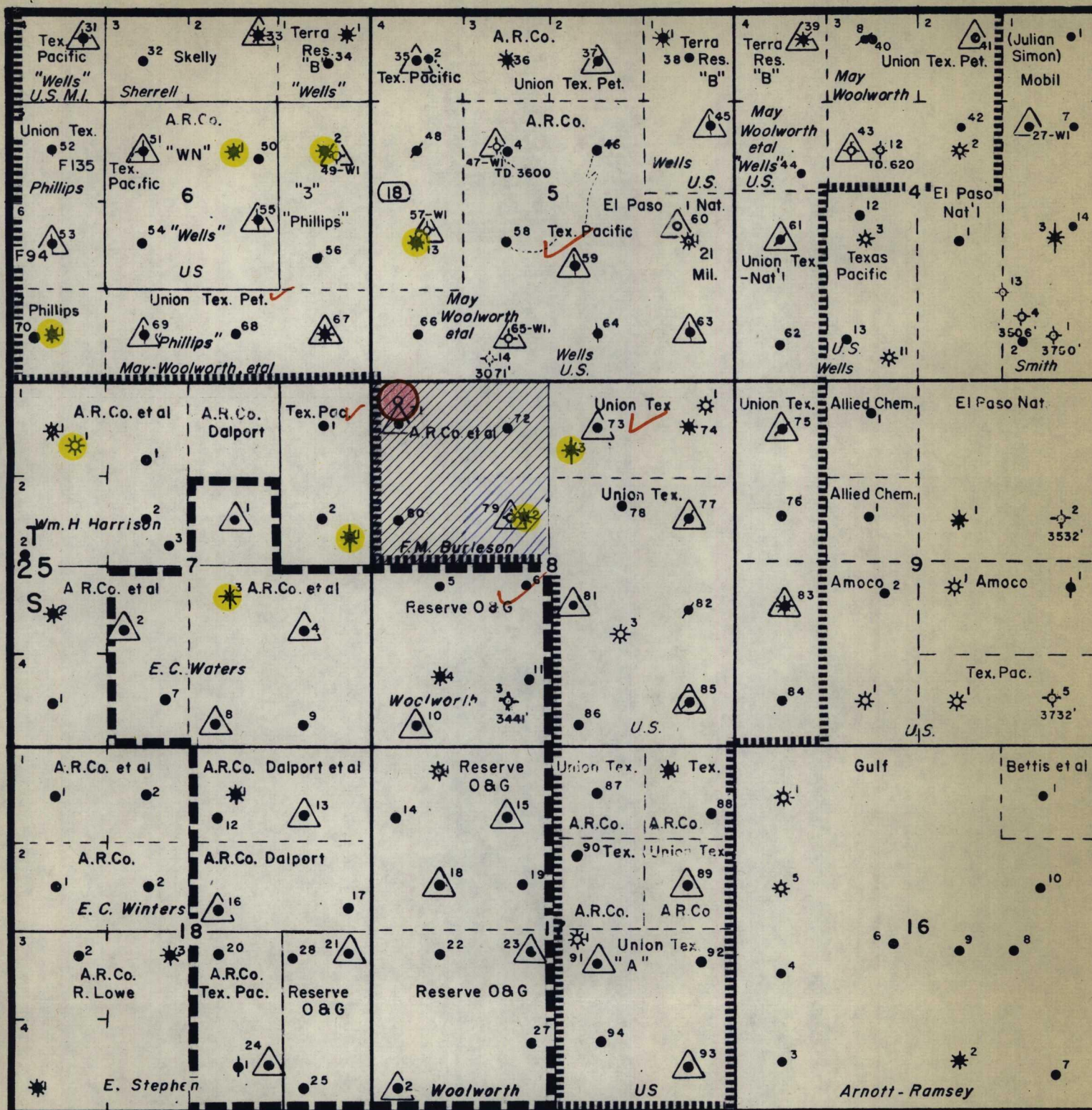
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed For: LEROY LANE Title Dist. Drlg. Supt. Date 6/13/80

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



R 37 E

L E G E N D

LANGLIE JAL UNIT
UNION TEXAS, OPER.

SOUTH LANGLEIE JAL UNIT
RESERVE OIL, OPER.

BURLESON LEASE

PROPOSED LOCATION

ARCO Oil and Gas Company
Division of AtlanticRichfieldCompany
Permian District Midland, Texas

JALMAT POOL
LEA COUNTY, NEW MEXICO

Scale: 1"=2000'

By Carolyn Dawson	Drawn By G.L.F.	Date 4-80
Date 4-80	Revised By	Date
Dept WEST AREA ENGR.	Dwg No	

LAND COMMISSIONER
E. S. JOHNNY WALKER
MEMBER

State of New Mexico
Oil Conservation Commission



P. O. BOX 871
SANTA FE

STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

F.M. Burleson #2

December 10, 1962

Western Natural Gas Company
823 Midland Tower Building
Midland, Texas

Attention: Mr. R. H. McKoy

Administrative Order NSP-624

Gentlemen:

Reference is made to your application for approval of a 160-acre non-standard gas proration unit in the Jalmat Gas Pool consisting of the following acreage:

LEA COUNTY, NEW MEXICO
TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM
Section 8: NW/4

It is understood that this unit is to be dedicated to your Burleson Well No. 2, located 1980 feet from the North line and 2310 feet from the West line of said Section 8.

By authority granted me under the provisions of Order No. R-1670 governing the Jalmat Gas Pool, you are hereby authorized to operate the above-described acreage as a non-standard gas proration unit, with allowable to be assigned thereto in accordance with the pool rules, based upon the unit size of 160 acres.

Very truly yours,

A. L. Porter, Jr.
A. L. PORTER, Jr.,
Secretary-Director

RECEIVED
ALP/JMD/esr

cc: Oil Conservation Commission - Hobbs
Oil & Gas Engineering Committee - Hobbs

3.	50.7	MEASURED	50.7	145.7	.508
1.	183.2	33.6	33.6	162.8	.413