



Union Texas Petroleum

July 14, 1987

375 U.S. Highway 64
Farmington, New Mexico 87401
Telephone (505) 325-3587

Mr. W. J. LeMay
N.M. Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501-2088

Re: Administrative Approval
Unorthodox Location Approval
Mangum #5
1721' FSL & 1919' FWL
Section 10-T28N-R11W

RECEIVED
JUL 14 1987
OIL CON. DIV.
DIST. 3

Dear Mr. LeMay:

Union Texas Petroleum requests Administrative Approval for an Unorthodox Location for an Otero Chacra recompletion. This well is currently completed in the Armenta Gallup. The Gallup and Chacra will be commingled pursuant to Order DHC-651 issued June 10, 1987. A sundry notice has been filed outlining the aforementioned procedure.

The only offset operators adjacent to the Otero Chacra "proration" unit are Meridian Oil, Inc., Marathon Oil Company, Mesa Petroleum, Dugan Production Company and Flag-Redfern Oil Company. They were notified by a letter of this date of our intentions.

If I may be of any further assistance, please advise.

Very truly yours,

Robert C. Frank
Permit Coordinator

RCF:lmg
attachments

cc: NMOC-D-Aztec

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

Operator UNION TEXAS PETROLEUM CORPORATION			Lease MANGUM		Well No. 5
Unit Letter K	Section 10	Township 28 NORTH	Range 11 WEST	County SAN JUAN	
Actual Footage Location of Well: 1721 feet from the SOUTH line and 1919 feet from the WEST line					
Ground Level Elev. 5502	Producing Formation Chacra		Pool Otero	Dedicated Acreage 130.49 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 Division

CERTIFICATION

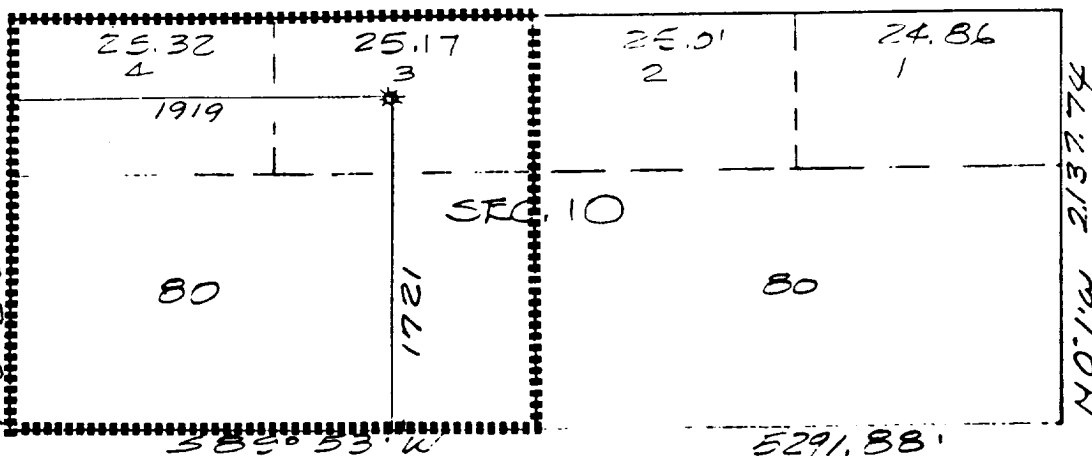
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name
Robert C. Frank
Position
Permit Coordinator
Company
Union Texas Petroleum
Date
June 22, 1987

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 are true and correct to the best of my knowledge and belief.

Date Surveyed
March 30, 1983
Registered Professional Engineer
and/or Land Surveyor

Michael Daly
Certificate No.
5992



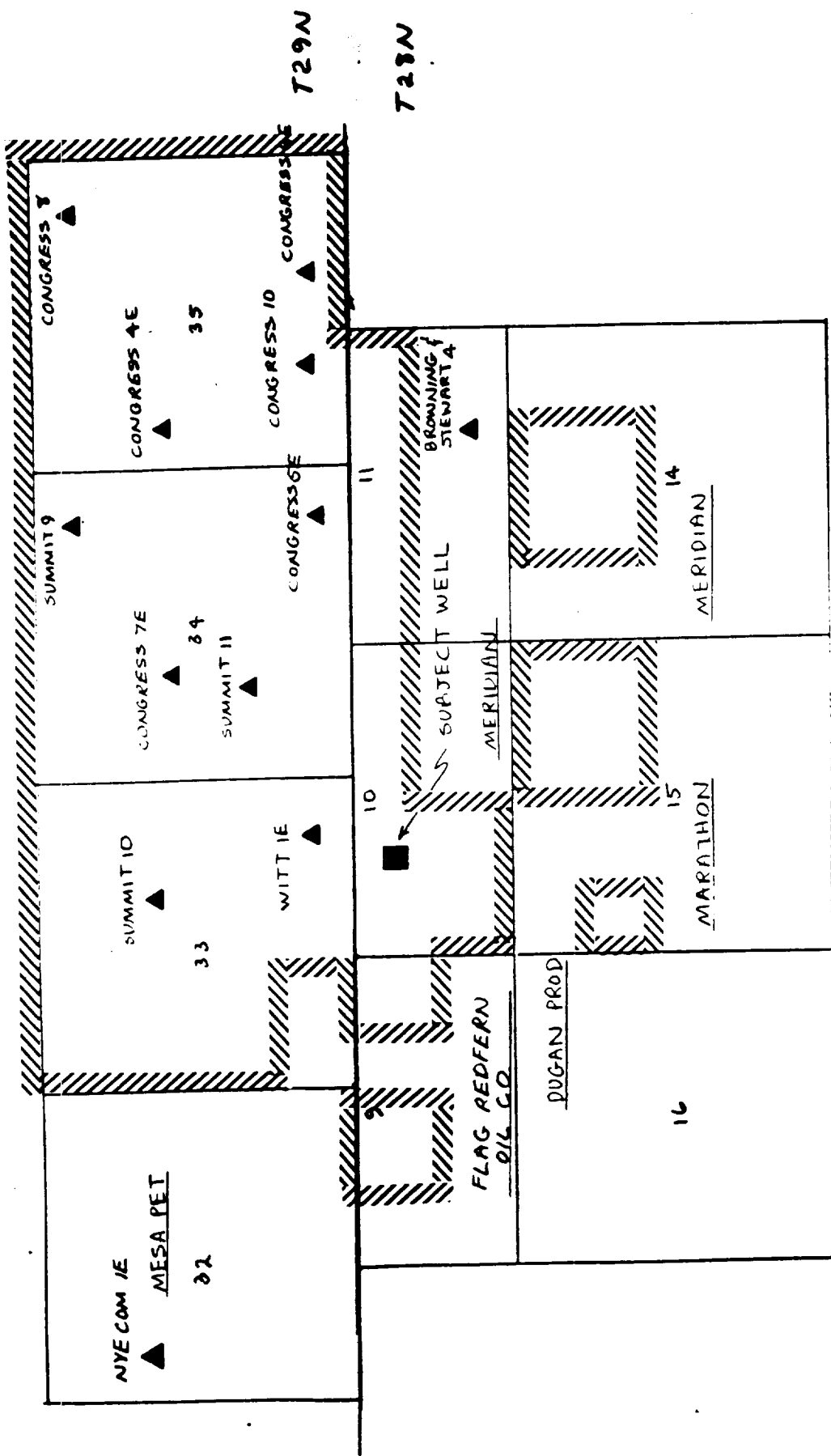


EXHIBIT A - OFFSET CHACRA WELLS

UNION TEXAS PETROLEUM ACPEAGE

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SEP 17 1987

OIL CON. DIV
DIST 3

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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PRODUCTION OFFICE	

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

Form C-104
Revised 10-01-78
Format 06-01-83
Page 1

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.

Operator Union Texas Petroleum Corporation

Address 375 US Highway 64, Farmington, NM 87401

Reason(s) for filing (Check proper box)

<input type="checkbox"/> New Well	Change in Transporter of:	<input type="checkbox"/> Dry Gas
<input checked="" type="checkbox"/> Recompletion	<input type="checkbox"/> Oil	<input type="checkbox"/> Condensate
<input type="checkbox"/> Change in Ownership	<input type="checkbox"/> Casinghead Gas	

Other (Please explain) Downhole Commingle DHC-651

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>Mangum</u>	Well No. <u>5</u>	Pool Name, including Formation <u>Armenta Gallup/Otero Chacra</u>	Kind of Lease State, Federal or Fee <u>Fed</u>	Lease No. <u>NM-020982</u>
Location Unit Letter <u>K</u> : <u>1721</u> Feet From The <u>South</u> Line and <u>1919</u> Feet From The <u>West</u>				
Line of Section <u>10</u> Township <u>28N</u> Range <u>11W</u> , NMPM, <u>San Juan</u> Coun				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/> <u>Conoco Inc. (Surface Trans.)</u>	Address (Give address to which approved copy of this form is to be sent) <u>P. O. Box 1429, Bloomfield, NM 87413</u>
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> <u>Union Texas Petroleum</u>	Address (Give address to which approved copy of this form is to be sent) <u>375 US Highway 64, Farmington, NM 87401</u>
If well produces oil or liquids, give location of tanks. Unit <u>K</u> Sec. <u>10</u> Twp. <u>28N</u> Rge. <u>11W</u>	Is gas actually connected? <u>Yes</u> When <u>11/20/83</u>

If this production is commingled with that from any other lease or pool, give commingling order number DHC-651

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

Robert C. Frank
(Signature)

Permit Coordinator

(Title)

September 17, 1987

(Date)

OIL CONSERVATION DIVISION

SEP 19 1987

APPROVED

BY

TITLE

DEPUTY OIL & GAS INSPECTOR, DIST. #

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deep well, this form must be accompanied by a tabulation of the deviate tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for a well on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of well name or number, or transporter or other such change of conditions.
Separate Forms C-104 must be filed for each pool in multicompleted wells.

IV. COMPLETION DATA

Designate Type of Completion - (X)		Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
			X		X				X
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.				
	8/24/87								
Elevations (DF, RKB, RT, CR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth				
	Chacra		2566		2-3/8" @ 5647'				
Perforations					Depth Casing Shoe				
2566', 68', 69', 70', 71', 72', 74', 2670', 71', 72', 89 Chacra									
TUBING, CASING, AND CEMENTING RECORD									
HOLE SIZE		CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
		2-3/8"		5647					

V. TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
370* combined	24 hrs	1 BOPD*	
Testing Method (flow, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size
Flowing through sales line	505	580	1-1/4*

Production shown is combined from both zones.

Production Allocation

	Gallup	Chacra
Oil	100%	0
Gas	20%	80%