

DHC-437

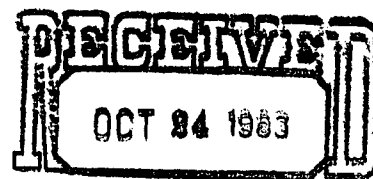


THE WISER OIL COMPANY

905 OIL & GAS BUILDING

WICHITA FALLS, TEXAS 76301

October 20, 1983



OIL CONSERVATION DIVISION
SANTA FE

John C. Wright, President

Milton G. Bailes, Secretary

Home Office,

Sistersville, W. Va. 26175

APPLICATION TO DOWNHOLE COMMINGLE
MCQUATTERS NO. 4
HARDY DRINKARD AND OIL CENTER GLORIETA
FIELDS
LEA COUNTY, NEW MEXICO

Energy and Minerals Department
OIL CONSERVATION DIVISION
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Division Director

Gentlemen:

The Wiser Oil Company requests administrative approval to down-hole commingle the production in our McQuatters No. 4. The total production from the well is only six barrels of oil and three barrels of water. We already have approval to surface commingle this production in the above captioned fields.

At the present time we are flowing the Hardy Drinkard and pumping the Oil Center Glorieta. The Drinkard is hardly flowing and will benefit greatly when put on pump, but it would not be economical to buy another pumping unit for the well. We are, therefore, proposing to commingle the two zones and offer the following in support of this application:

1. Data Sheet
2. Surface Commingling Order
3. Lease Plat
4. Acreage Dedication Plat
5. Area Plat
6. Production Curves
7. List of Offset Operators
8. Letter of Notification to Offset Operators
9. Form C-116 - Hardy Drinkard Field
10. Form C-116 - Oil Center Glorieta Field

OIL CONSERVATION DIVISION

-2-

October 20, 1983

If you should need any additional information concerning this proposed downhole commingling application, please let us hear from you.

Yours very truly,

THE WISER OIL COMPANY

A handwritten signature in dark ink, appearing to read "M. H. Ferguson".

M. H. Ferguson
Production Superintendent

RBG:ww
Attachments

cc: (w/attach)
New Mexico Oil Conservation Commission
P. O. Box 1980
Hobbs, New Mexico 88240

(w/attach)
Mr. Charles LaRue
THE WISER OIL COMPANY
P. O. Box 192
Sistersville, West Virginia 26175

DATA SHEET

- A. OPERATOR
THE WISER OIL COMPANY
905 Oil & Gas Building
Wichita Falls, Texas 76301
- B. WELL AND POOLS
McQuatters Lease
McQuatters No. 4
Location: 1650' FNL and 2310' FEL, Unit G, Section 11, T21S, R36E,
Lea County, New Mexico
- Pools: Oil Center Glorieta and Hardy Drinkard
- C. BOTTOM HOLE PRESSURES
Oil Center Glorieta - 600 psi
Hardy Drinkard - 700 psi
- D. DESCRIPTION OF FLUIDS
Oil Center Glorieta - 38 gravity
Hardy Drinkard - 38 gravity
- E. SURFACE COMMINGLING
Approved December 22, 1980
- F. FORMULA FOR ALLOCATION OF PRODUCTION
Oil Center Glorieta - .333 percent
Hardy Drinkard - .667 percent

COMMINGLING ORDER PC- 596

Company Wiser Oil Company
Address P. O. Box 2467
City, State, Zip Hobbs, New Mexico 88240

Attention: Mr. B. D. Singletary

Lease Name: McQuatters
Description: S/2 NE/4 and NW/4 SE/4 of Sec. 11, T-21-S, R-36-E,
 Lea County

The above-named company is hereby authorized to commingle production from the following pools

Oil Center-Glorieta and Hardy-Drinkard

in a common tank battery, and to determine the production from each pool by

_____ separately metering the production from each pool prior to commingling

_____ separately metering the production from

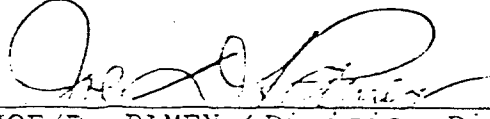
and determining the
production by the subtraction method

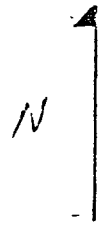
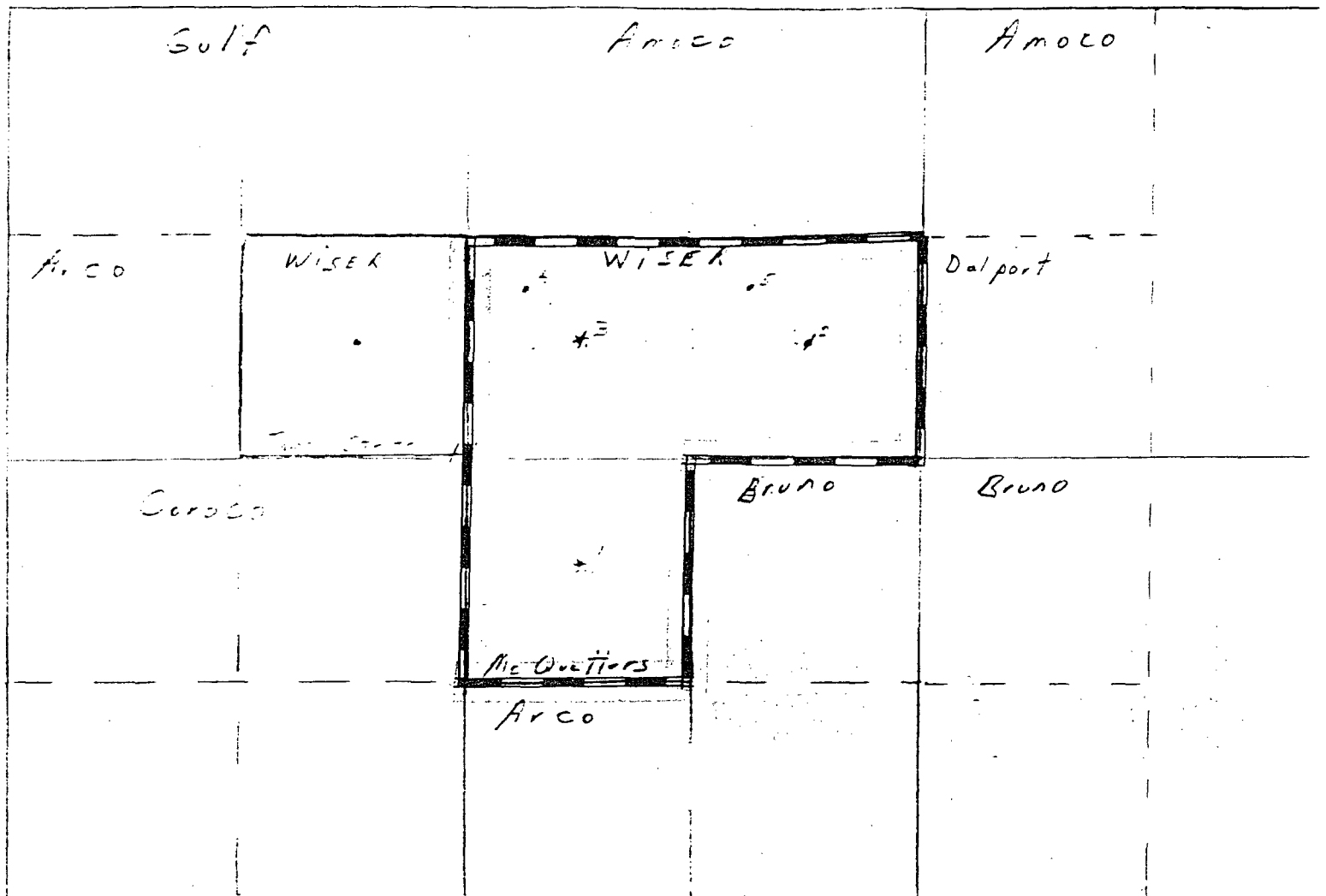
X well tests (if this method is to be authorized, all commingled production must be of marginal nature; further, the operator shall notify the Santa Fe Office of the Division in the event any well producing into the commingled battery becomes capable of top allowable production, at which time the Division will amend this order or take such other action as may be appropriate)

Note: This installation shall be installed and operated in accordance with the applicable provisions of Rule 303 of the Division Rules and Regulations and the Division "Manual for the Installation and Operation of Commingling Facilities." It is the responsibility of the producer to notify the transporter of this commingling authority.

REMARKS:

DONE at Santa Fe, New Mexico, on this 22nd day of December, 1980


JOE D. RAMEY, Division Director



McQuatters + Two States $\frac{1" = 1000'}$

Sec 11 T21N R36E

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-100
Supersedes O-1
Effective 1-4-81

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

Operator Wiser Oil Co.		Lease McQuatters		Well No. 4
Unit Letter G	Section 11	Township 21 South	Range 36 East	County Lea
Actual Footage Location of Well:				
1650	feet from the North	line and	2310	feet from the East line
Ground Level Elev. 3549.1	Producing Formation Drinker & Glorieta	Pool Oil Center Glorieta	Dedicated Acreage 40	

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.

RECEIVED
OCT 24 1983
OIL CONSERVATION DIVISION
SANTA FE

(4)

CERTIFICATION

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

Name
L. R. Singletary

Position
District Supr.

Company
The Wiser Oil Company

Date
5-14-80

I hereby certify that the well location shown on this plat was plotted from 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 9, 1980

Engineered Professional Engineer
and/or Land Surveyor

[Signature]

LIST OF OFFSET OPERATORS

Amoco Production Company
P. O. Box 68
Hobbs, New Mexico 88240

Arco Oil & Gas Company
P. O. Box 1610
Midland, Texas 79702

E. R. Bruno
P. O. Box 5456
Midland, Texas 79701

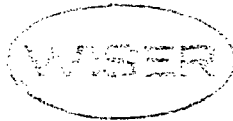
Lewis B. Burleson, Inc.
P. O. Box 2479
Midland, Texas 79702

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

Dalport Oil Corporation
3471 First National Bank Building
Dallas, Texas 76202

Gulf Oil Corporation
P. O. Box 1150
Midland, Texas 79702

Two States Oil Company
Mercantile Commerce Building
Dallas, Texas 75201



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P. O. Box 1150
Midland, Texas 79702

Two States Oil Company
Mercantile Commerce Building
Dallas, Texas 75201

Gentlemen:

This letter will serve as notification to you that The Wiser Oil Company has made application to downhole commingle our McQuatters No. 4 production in the Hardy Drinkard and Oil Center Glorieta Fields, Lea County, New Mexico.

Yours very truly,

THE WISER OIL COMPANY

M. H. Ferguson, Production Superintendent

RBG:ww

GAS-OIL RATIO TESTS

THE WISER OIL COMPANY		Pool		County		Lea									
905 Oil & Gas Building, Wichita Falls, Texas 76301		Hardy Drinkard		TYPE OF TEST - (X)		SCHEDULED ☐ SPECIAL ☒									
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW. ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST				GAS - OIL RATIO CU.FT/BBL.	
		U	S	T						A	WATER BBL.S.	GRAV. OIL	OIL BBL.S.		GAS M.C.F.
McQuatters	4	6	11	21S	36E	9-26-83	P	30	2	24	2	38	2	10	5,000

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 Division.

Gas volumes must be reported in MCF measured at a pressure base of 14.73 psia and a temperature of 60° F. Specific gravity base will be 0.80.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Well original and one copy of this report to the district office of the New Mexico Oil Conservation Division in accordance with Rule 39 and appropriate pool rules.

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

Bob Gilmore
Bob Gilmore
Petroroleum Engineer
10-20-83
(Title)
(Date)

GAS-OIL RATIO TESTS

LEASE NAME		WELL NO.		LOCATION			DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST				GAS - OIL RATIO CU.FT/BBL.	
				U	S	T	A					WATER BBL.S.	GRAV. OIL	OIL BBL.S.	GAS M.C.F.		
McQuatters		4		G	11	21S	36E	P -	30	4	24	1	38	4	163		40,750

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

During gas-well 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 Division.

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

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Well original and one copy of this report to the district office of the New Mexico Oil Conservation Division in accordance with Rule 301 and appropriate pool rules.

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

Bob Gilmore

Bob Gilmore

Petroleum Engineer

10-20-83

(Title)

(Signature)

(Date)