

CORE LABORATORIES, INC.  
Petroleum Reservoir Engineering  
DALLAS, TEXAS

## CORE ANALYSIS RESULTS

Company JOHN R. YARBROUGH Formation FARMINGTON File RP-3-1181  
Well OTTO REYNOLDS # 1 SEITZINGER Core Type DIAMOND CONVENTIONAL Date Report 5/14/60  
Field BLOOMFIELD - FARMINGTON Drilling Fluid WATER BASE MUD Analysts ENGLISH  
County SAN JUAN State N. MEXICO Elev 5478GR. Location SEC 23 T29N 11W

### Lithological Abbreviations

SAND - SD	DOLOMITE - DOL	ANHYDRITE - ANHY	SANDY - SDY	FINE - FN	CRYSTALLINE - XLN	BROWN - BRN	FRACTURED - FRAC	SLIGHTLY - SL/
SHALE - SH	CHERT - CH	CONGLOMERATE - CONG	SHALY - SHY	MEDIUM - MED	GRAIN - GRN	GRAY - GY	LAMINATION - LAM	VERY - V/
LIME - LM	GYPSUM - GYP	FOSSILIFEROUS - FOSS	LIMY - LMY	COARSE - CSE	GRANULAR - GRNL	VUGGY - VGY	STYLOLITIC - STY	WITH - W/

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCY	POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE		SAMPLE DESCRIPTION AND REMARKS
				OIL	TOTAL WATER	
1	740-41	0.01	10.3	0.0	99.2	(2) Sandstone.
2	741-42	0.01	14.0	1.4	94.3	(2) Sandstone.
3	742-43	<0.01	16.6	1.2	88.6	(2) Sandstone.
4	743-44	0.02	19.4	3.6	82.1	(2) Sandstone.
5	744-45	0.06	14.9	1.3	70.7	(2) Sandstone.
6	745-46	0.12	18.2	2.7	83.0	(2) Sandstone.
7	746-47	0.04	22.0	2.3	55.9	(2) Sandstone.
8	747-48	0.21	18.4	2.7	83.7	(2) Sandstone.
9	748-49	<0.01	18.2	6.0	81.4	(2) Sandstone.
10	749-50	0.17	19.2	1.0	78.2	(2) Sandstone.
11	750-51	<0.01	16.9	1.2	94.3	(2) Sandstone.

LARGE FORMAT  
EXHIBIT HAS  
BEEN REMOVED  
AND IS LOCATED  
IN THE NEXT FILE

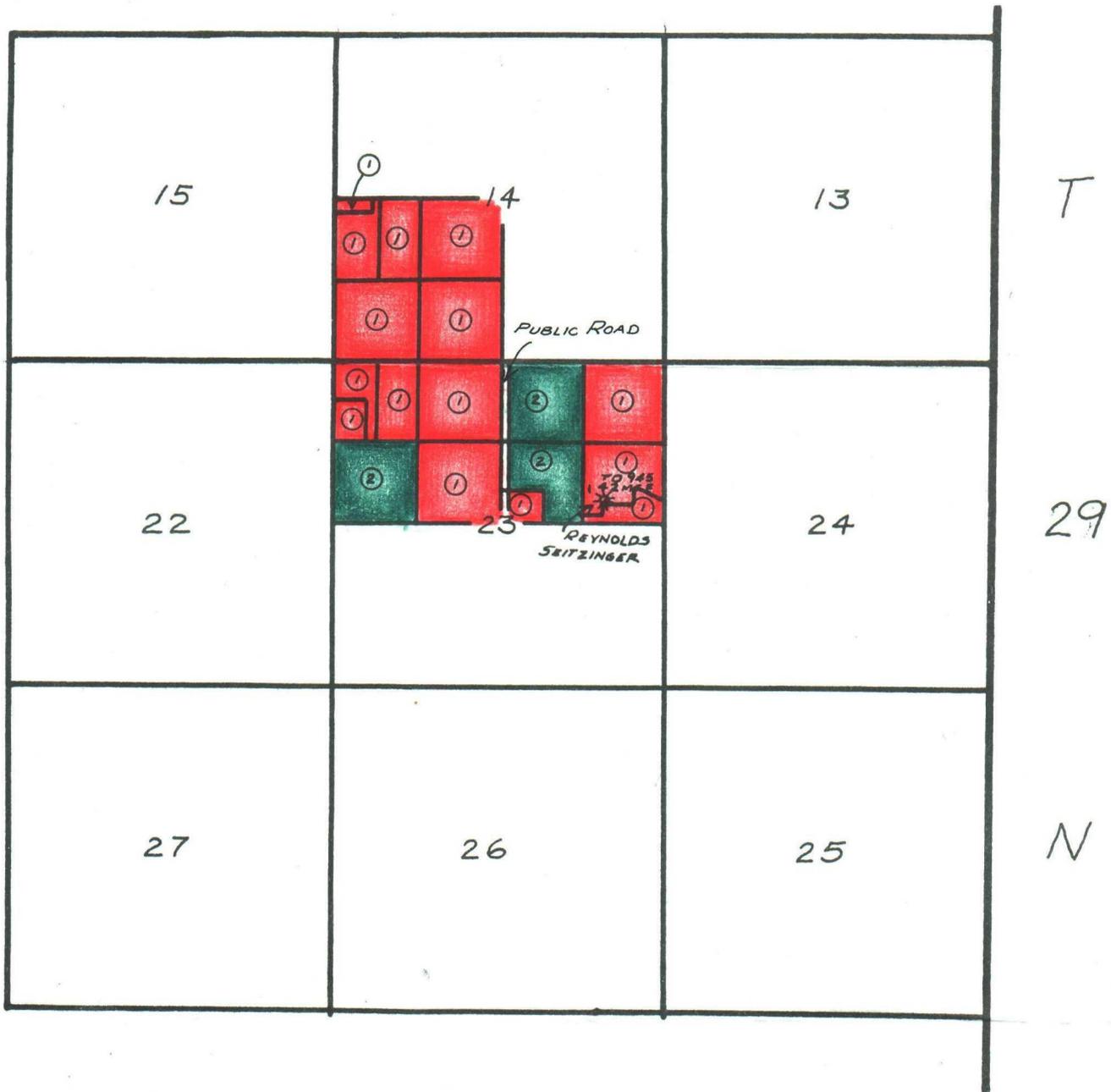


LARGE FORMAT  
EXHIBIT HAS  
BEEN REMOVED  
AND IS LOCATED  
IN THE NEXT FILE

R

11

W



*GAS RIGHTS TO BASE OF PICTURED CLIFFS*



*GAS RIGHTS BELOW 1000' TO BASE OF PICTURED CLIFFS*



*AGREEMENT IN WHICH EL PASO HAS AN INTEREST.*

NEW MEXICO OIL CONSERVATION COMMISSION  
Well Location and Acreage Dedication Plat

*Case 2007*

Section A.

Date April 15, 1960

Operator Otto Reynolds Lease Seitzinger  
Well No. 1 Unit Letter H Section 23 Township 29 North Range 11 West, NMPM  
Located 2310 Feet From North Line, 990 Feet From East Line  
County San Juan G. L. Elevation 5477.5180 Dedicated Acreage 10 Acres  
Name of Producing Formation Farmington Pool Bloomfield Farmington

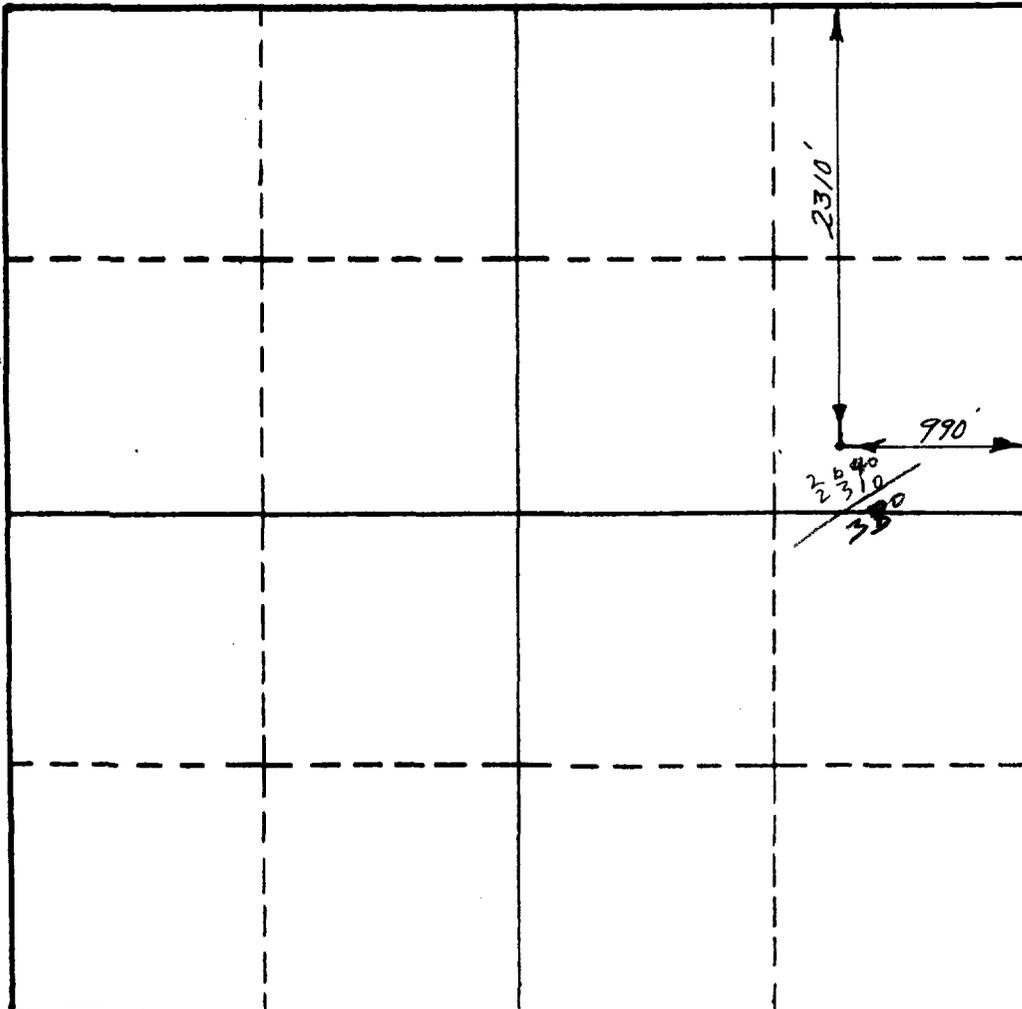
1. Is the Operator the only owner\* in the dedicated acreage outlined on the plat below?  
Yes \_\_\_\_\_ No X.
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes X No \_\_\_\_\_. If answer is "yes," Type of Consolidation Designated Operator.
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner

Land Description

<u>Owner</u>	<u>Land Description</u>

Section B



This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

Otto Reynolds  
(Operator)

(Representative)

Bloomfield, New Mexico  
Address

This is to certify that the well location shown on the plat in Section B 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 April 14, 1960

C. L. Poter  
Registered Professional  
Engineer and/or Land Surveyor.

Certificate No. 5004

NEW MEXICO OIL CONSERVATION COMMISSION  
Well Location and Acreage ~~OFFICE~~ ~~LOC~~ Plat

*Chel 2007*

Section A.

Date February 1, 1960

1960 JUN 13 AM 9:28

Operator Otto Reynolds Lease Gale  
Well No. 2 Unit Letter D Section 24 Township 29 North Range 11 West, NMPM  
Located 990 Feet From North Line, 330 Feet From West Line  
County San Juan G. L. Elevation 5506 Dedicated Acreage 10 Acres  
Name of Producing Formation Farmington Pool Bloomfield Farmington

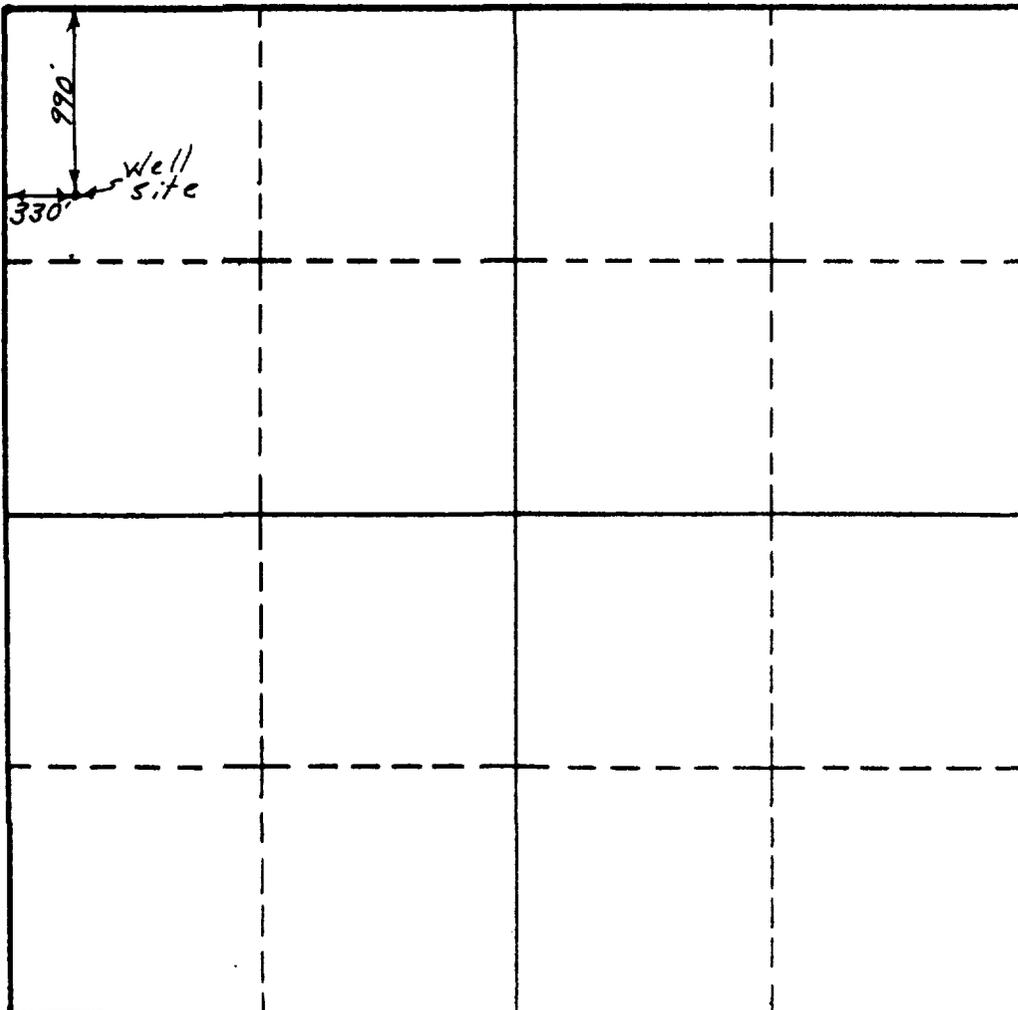
1. Is the Operator the only owner\* in the dedicated acreage outlined on the plat below?  
Yes \_\_\_\_\_ No X.
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes X No \_\_\_\_\_. If answer is "yes," Type of Consolidation \_\_\_\_\_
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner

Land Description

<u>Owner</u>	<u>Land Description</u>

Section B



This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

Otto Reynolds

(Operator)

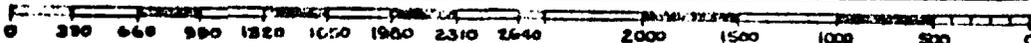
(Representative)

Bloomfield, New Mexico

Address

This is to certify that the well location shown on the plat in Section B 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 Jan 30, 1960

C. L. Foster  
Registered Professional  
Engineer and/or Land Surveyor.



NEW MEXICO OIL CONSERVATION COMMISSION  
Well Location and Acreage Dedication Plat

*Case 2607*

Section A.

Date February 10, 1960

Operator V. Otto Reynolds Lease Lohman  
Well No. 1 Unit Letter \_\_\_\_\_ Section 24 Township 29N Range 11W NMPM  
Located 330 Feet From North Line, 2310 Feet From West Line  
County San Juan G. L. Elevation 5498.5 Dedicated Acreage \_\_\_\_\_ Acres  
Name of Producing Formation \_\_\_\_\_ Pool \_\_\_\_\_

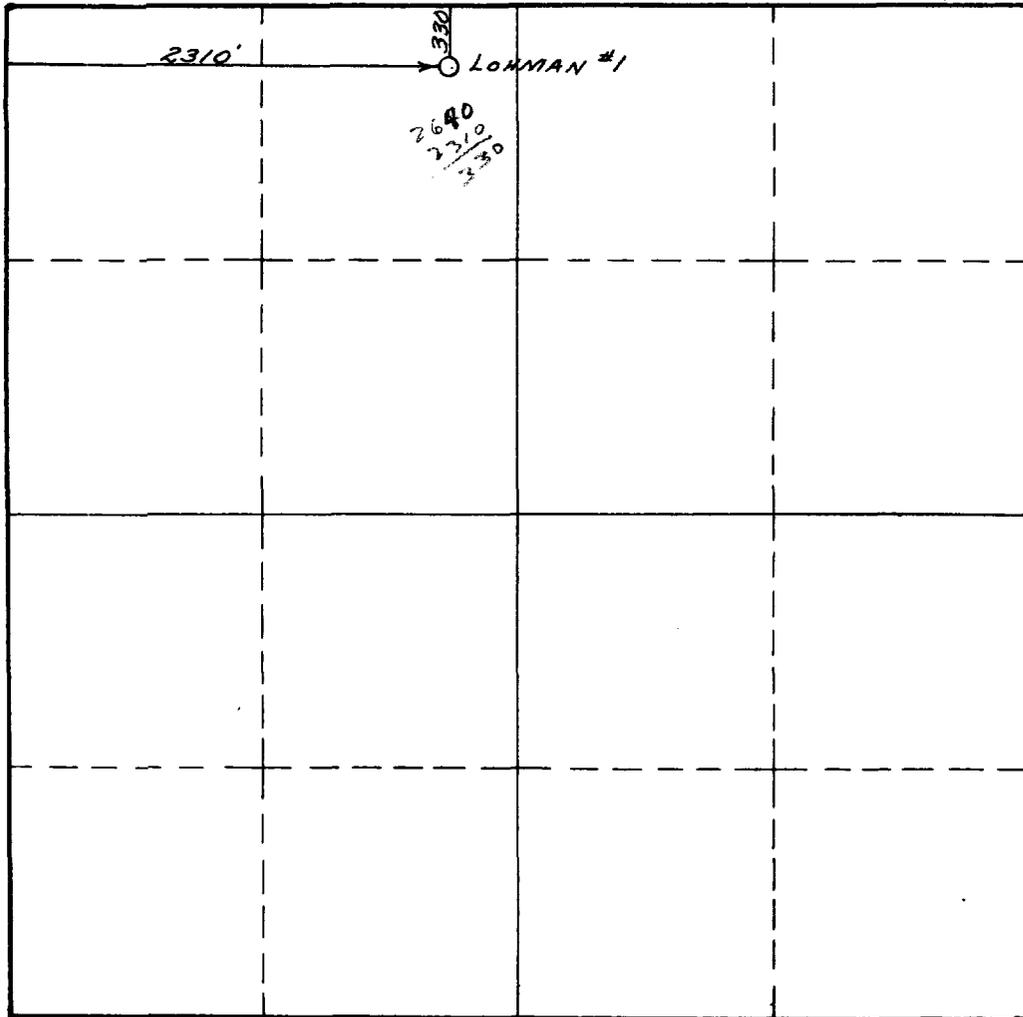
1. Is the Operator the only owner\* in the dedicated acreage outlined on the plat below?  
Yes \_\_\_\_\_ No \_\_\_\_\_.
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes \_\_\_\_\_ No \_\_\_\_\_. If answer is "yes," Type of Consolidation \_\_\_\_\_
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner

Land Description

<u>Owner</u>	<u>Land Description</u>

Section B



This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

\_\_\_\_\_  
(Operator)

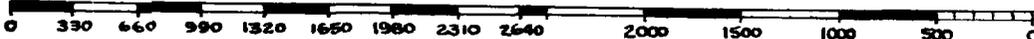
\_\_\_\_\_  
(Representative)

\_\_\_\_\_  
Address

This is to certify that the well location shown on the plat in Section B 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 Feb. 10, 1960

R. J. Stanton  
Registered Professional  
Engineer and/or Land Surveyor.



(See instructions for completing this form on the reverse side)

Certificate No. 1457

INSTRUCTIONS FOR COMPLETION:

1. Operator shall furnish and certify to the information called for in Section A.
2. Operator shall outline the dedicated acreage for both oil and gas wells on the plat in Section B.
3. A registered professional engineer or land surveyor registered in the State of New Mexico or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
4. All distances shown on the plat must be from the outer boundaries of Section.
5. If additional space is needed for listing owners and their respective interests as required in question 3, Section A, please use space below

\* "Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1953 Comp.)