

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
 DALLAS, TEXAS

Page No. 1

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

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCYs	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	65.9	(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

WELEX



ELECTRIC

LOGGING

COMPANY OTTO V. REYNOLDS
WELL LOHMAN NO. 1
FIELD BLOOMFIELD
COUNTY SAN JUAN
STATE NEW MEXICO

COMPANY OTTO V. REYNOLDS ET AL

WELL LOHMAN NO. 1

FIELD BLOOMFIELD

COUNTY SAN JUAN STATE NEW MEXICO

Location

330' FN&E CORNER OF N/W 1

Other Logs

Sec. 24 Twp. 29N Rgn. 11W

Elevation

Permanant Datum CSG. HEAD PLANCE Elev. 5499'

Log Measured From CSG. HEAD PLANCE

Refilling Measured From CSG. HEAD PLANCE

Run No.	ONE								
Date	2-22-60								
Total Depth Driller	815'								
Total Depth Water	814'								
Cip. Shm Driller	74'								
Cip. Shm Water	74'								
Surfey Depth	814'								
Surfey Shm	74'								
Cip. Shm	74'								
Dr. Shm	4-3/4"								
Head Data - Type	WATER BASE								
Weight	11.7								
Viscosity	88								
Pl.									
Wtr. Loss at 30 min.	9.8 @ 50'								
Run @ Surface Temp.	7.8 @ 50'								
Run @ Min. Hole Temp.	6.0 @ 65'								
Ref.									
Run									
Screen And Sample	DTT								
Recorded By	SLUMP								
Witnessed By	MR. P. UNDERWOOD & C. ADAIR								
Logging Tool No.	9516								

5499
702
+ 4797
6'

Reproduced By

Four Corners Well Log Service

Dallas 2, Texas

REFERENCE K1566A

4

COMPLETION RECORD

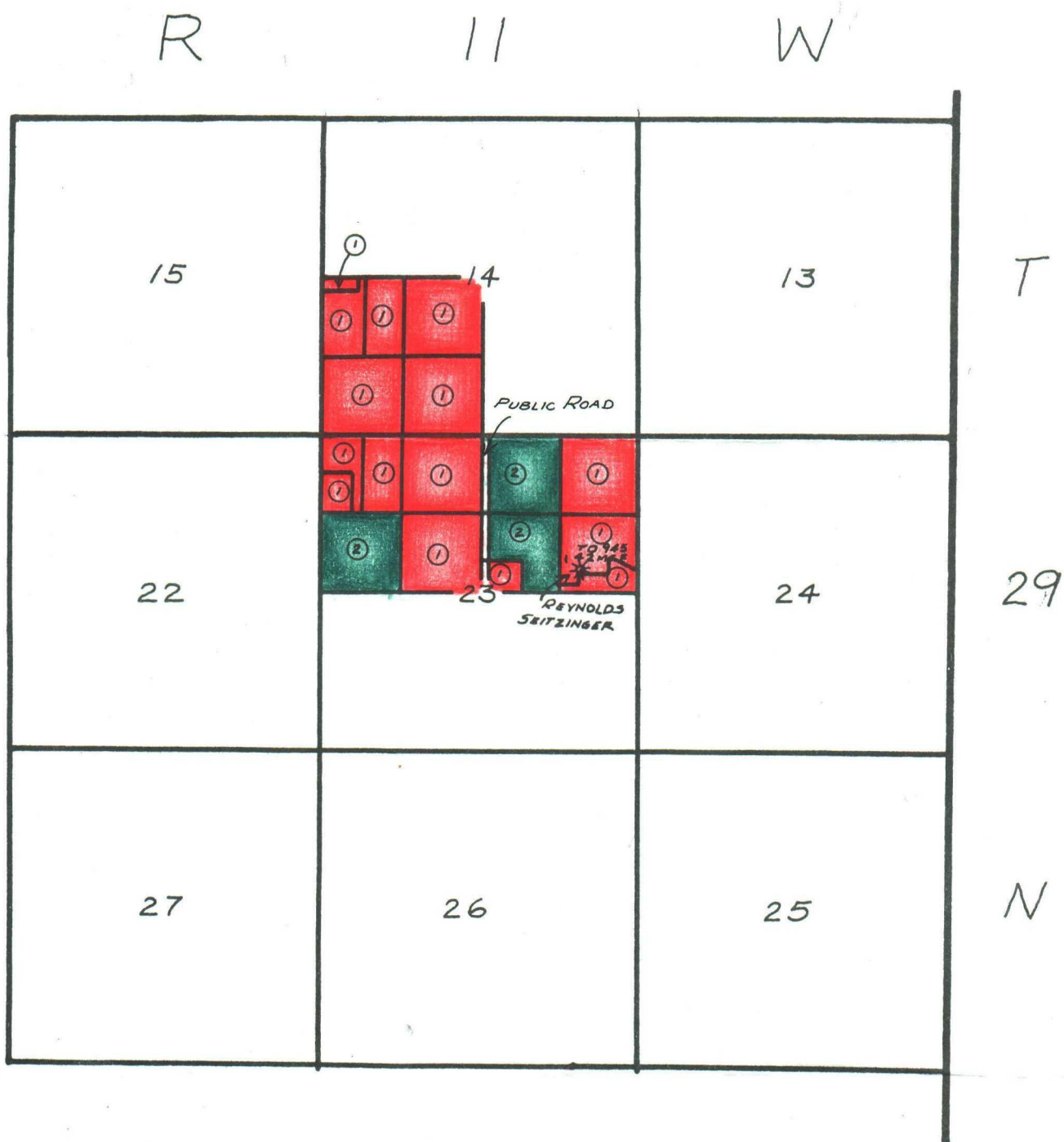
SPUD DATE

COMP DATE

DST RECORD

CASING RECORD

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



- ① GAS RIGHTS TO BASE OF PICTURED CLIFFS
- ② 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

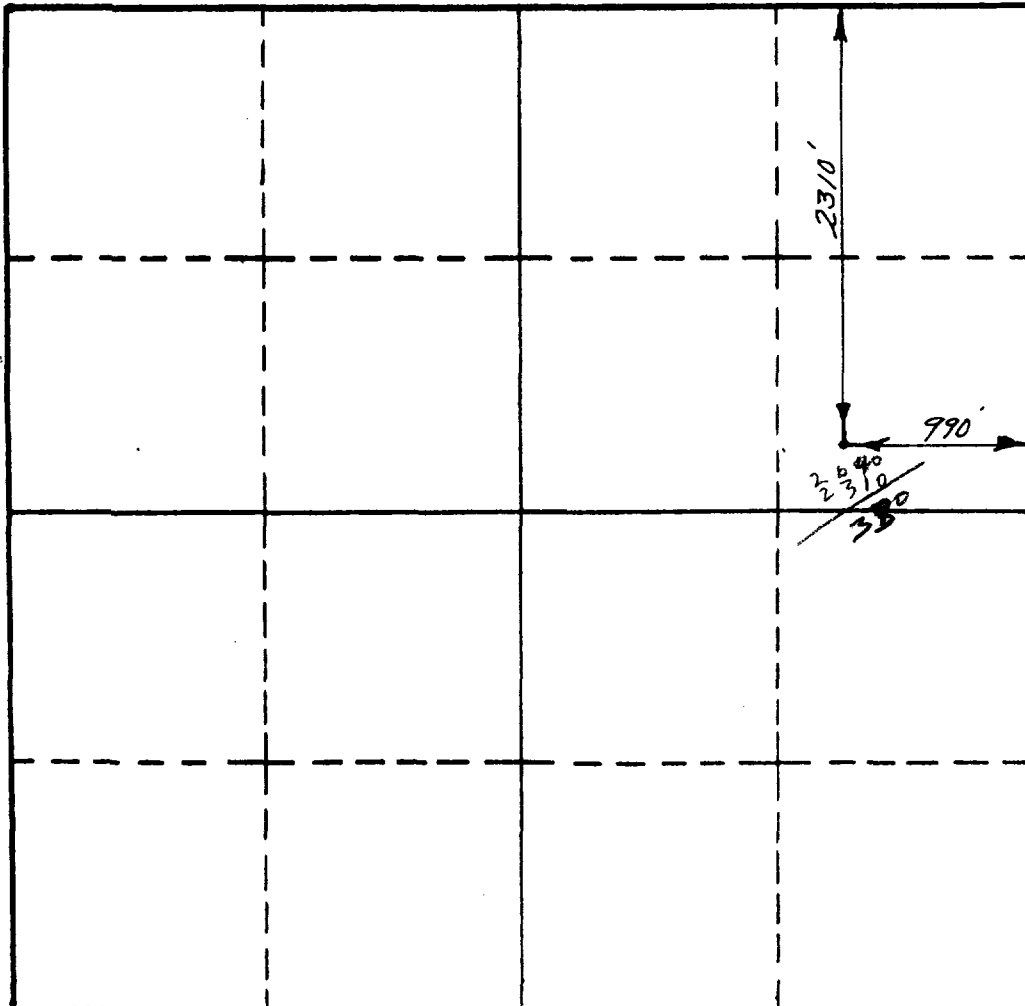
Operator Otto Reynolds Lease Seitzinger
Well No. 1 Unit Letter H Section 23 Township 29 North Range 11 West, NMPM
Located 2310 Feet From North Line, 990 Feet From East Line
County San Juan G. L. Elevation 5477.5480 Dedicated Acreage 10 Acres
Name of Producing Formation Farmington Pool Bloomfield Farmington

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

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. Potter
Registered Professional
Engineer and/or Land Surveyor.

Certificate No. 5004

NEW MEXICO OIL CONSERVATION COMMISSION
Well Location and Acreage OFFICE Plat

Chel 2007

Section A.

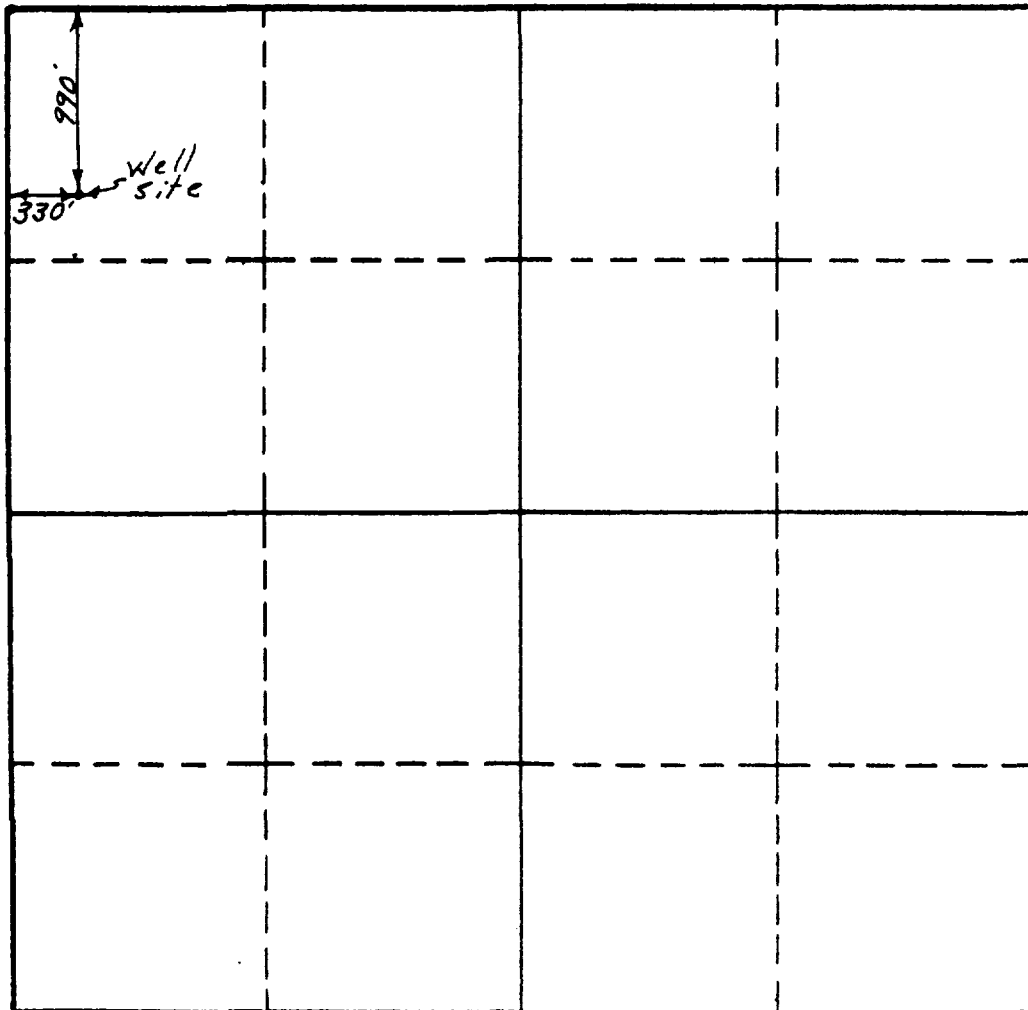
Date February 1, 1960
Operator Otto Reynolds Lease 1960 JUN 13 AM 9:28 Gale
Well No. 2 Unit Letter D Section 24 Township 29 North Range 11 West, NMPM
Located 990 Feet From North Line, 330 Feet From West Line
County San Juan G. L. Elevation 5506 Dedicated Acreage 10 Acres
Name of Producing Formation Farmington 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

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.

Certificate No. 3081

NEW MEXICO OIL CONSERVATION COMMISSION
Well Location and Acreage Dedication Plat

Case 2607

Section A.

Date February 10, 1960

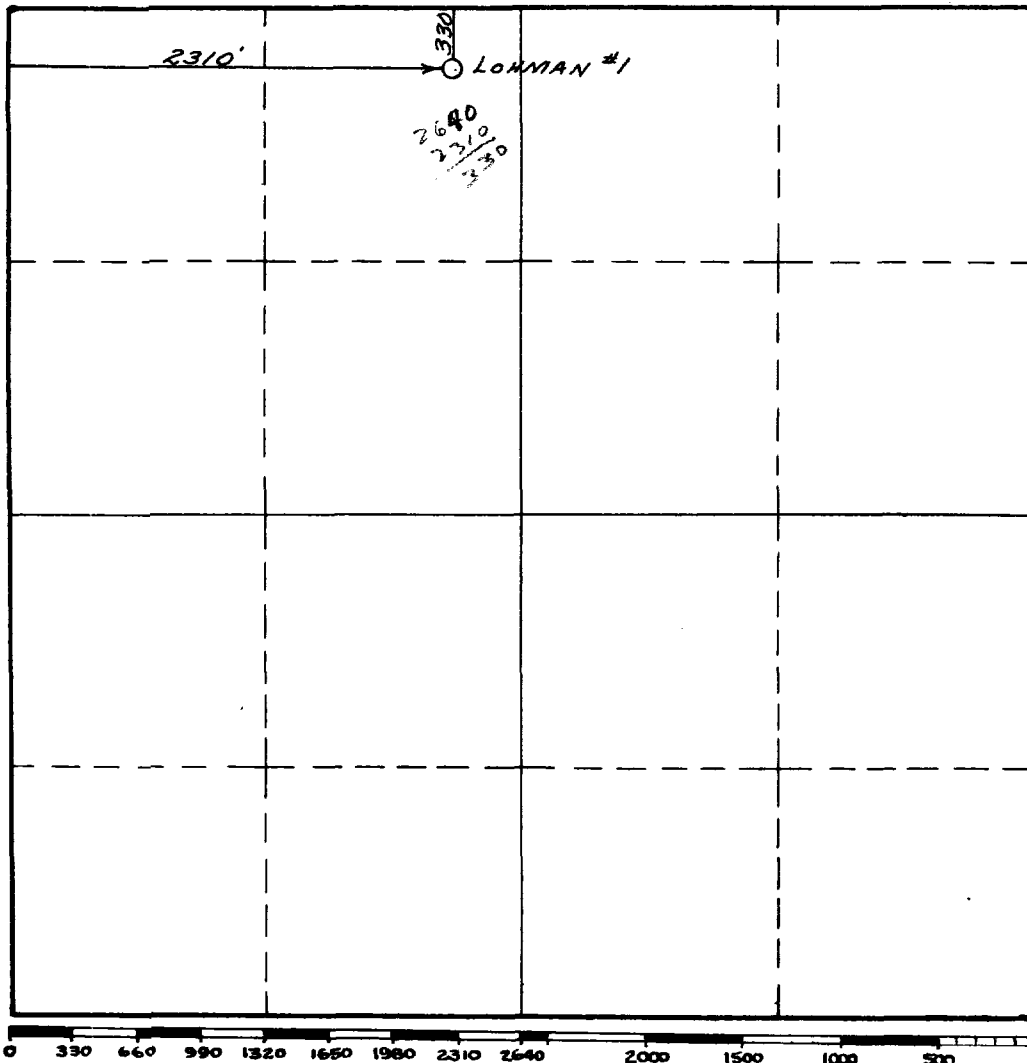
Operator V. Otto Reynolds Lease Lohman
Well No. 1 Unit Letter Section 24 Township 29N Range 11W NMPM
Located 330 Feet From North Line, 2310 Feet From West Line
County San Juan G. L. Elevation 5498.5 Dedicated Acreage Acres
Name of Producing Formation Pool

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

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.

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.)