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LAND OFFICE		
TRANSPORTER	OIL	
	GAS	
OPERATOR		
PRORATION OFFICE		

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

JUL 29 11 27 AM '65

I. Operator
Sunray Oil Company
Address
P. O. Box 1416, Roswell, New Mexico
Reason(s) for filing (Check proper box)
New Well ☒ Change in Transporter of:
Recompletion ☐ Oil ☐ Dry Gas ☐
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐
Other (Please explain)

If change of ownership give name
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name **New Mexico State "A2"** Well No. **4** Pool Name, including Formation **Undesignated (San Andres)** Kind of Lease **State**
Location
Unit Letter **K**; **660** Feet From The **West** Line and **660** Feet From The **South**
Line of Section **33**, Township **78** Range **33E**, NMPM, **Roosevelt** County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐
The Permian Corp. Address (Give address to which approved copy of this form is to be sent)
Box 3120, Midland, Texas
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☐
Address (Give address to which approved copy of this form is to be sent)
If well produces oil or liquids, give location of tanks. Unit **E** Sec. **33** Twp. **78** Rge. **33E** Is gas actually connected? **No** When

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

COMPLETION DATA

Designate Type of Completion - (X)	Oil Well <input checked="" type="checkbox"/>	Gas Well	New Well <input checked="" type="checkbox"/>	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Date Spudded 7-2-65	Date Compl. Ready to Prod. 7-25-65	Total Depth 4500'	P.B.T.D. 4439'					
Pool Undesignated	Name of Producing Formation San Andres	Top Oil/Gas Pay 4257	Tubing Depth 4241					
Perforations 4257, 4264, 4302, 4313, 4326, 4332, 4345, 4379, 4413, 4423, 4431			Depth Casing Shoe 4409'					
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
12-1/4	8-5/8		356		250			
7-7/8	4-1/2		4409		200			
	2-3/8		4241					

TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (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)

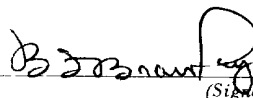
Date First New Oil Run To Tanks 7-25-65	Date of Test 7-26-65	Producing Method (Flow, pump, gas lift, etc.) Swab Test	
Length of Test 2 1/2 hrs	Tubing Pressure -	Casing Pressure -	Choke Size -
Actual Prod. During Test 185	Oil-Bbls. 185	Water-Bbls. 0	Gas-MCF 149.9

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.)	Tubing Pressure	Casing Pressure	Choke Size

CERTIFICATE OF COMPLIANCE

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

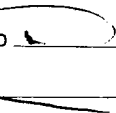

(Signature)

B.F. Bradley

District Engineer
(Title)

7-28-65
(Date)

OIL CONSERVATION COMMISSION

APPROVED  , 19____
BY _____
TITLE _____

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out Sections I, II, III, and VI only for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

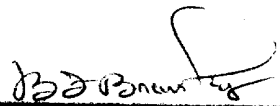
JUL 29 11 27 AM '65

In compliance with Rule 111 New Mexico Oil Conservation Commission Rules and regulations, the following are the deviation tests for the Sunray Oil Company's

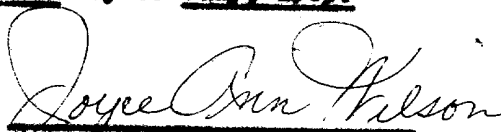
New Mexico State "AZ" #1

Degrees	Depth
<u>1/4</u>	<u>355</u>
<u>1/2</u>	<u>990</u>
<u>3/4</u>	<u>1650</u>
<u>1</u>	<u>2750</u>
<u>1 1/4</u>	<u>3335</u>
<u>1</u>	<u>3894</u>
<u>3/4</u>	<u>3900</u>
<u>1</u>	<u>4048</u>
<u>3/4</u>	<u>4366</u>

I, B. F. Brawley being first duly sworn on oath state that I have knowledge of the facts and matter set forth and that the same are true and correct.


(SIGNATURE) B. F. Brawley

Subscribed and sworn to before me this 28th day of July, 1965.


Notary Public in and for
Chaves County, New Mexico

30114 12 11 25 10

1. The first part of the report is a general description of the project and its objectives. It includes a brief history of the project and a statement of the problem to be solved. The second part is a description of the methodology used in the study. This includes a description of the data sources, the statistical methods used, and the results of the analysis. The third part is a discussion of the results and their implications. This includes a comparison of the results with previous studies and a discussion of the limitations of the study. The final part is a conclusion and a list of references.

2. Methodology

2.1. Data sources

The data for this study were obtained from a series of experiments conducted over a period of six months. The experiments were designed to test the effect of different factors on the rate of growth of a certain type of plant. The factors included the amount of light, the amount of water, and the amount of fertilizer. The rate of growth was measured by the height of the plant at the end of each experiment.

2.2. Statistical methods

The data were analyzed using a series of statistical tests. The first test was a t-test, which was used to compare the mean height of the plants in each group. The second test was an ANOVA, which was used to test for differences between the groups. The third test was a regression analysis, which was used to determine the relationship between the rate of growth and the amount of light, water, and fertilizer.

The results of the experiments show that the rate of growth of the plant is significantly affected by the amount of light, water, and fertilizer. The rate of growth increases with the amount of light, water, and fertilizer, but the effect of each factor is not the same. The amount of light has the greatest effect on the rate of growth, followed by the amount of water, and then the amount of fertilizer.

The results of the statistical tests show that the differences between the groups are significant. The t-test shows that the mean height of the plants in each group is significantly different. The ANOVA shows that there are significant differences between the groups. The regression analysis shows that the rate of growth is significantly affected by the amount of light, water, and fertilizer.

2.3. Results

The results of the experiments show that the rate of growth of the plant is significantly affected by the amount of light, water, and fertilizer. The rate of growth increases with the amount of light, water, and fertilizer, but the effect of each factor is not the same. The amount of light has the greatest effect on the rate of growth, followed by the amount of water, and then the amount of fertilizer.