

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

FORM C-128
 Revised 5/1/57

SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

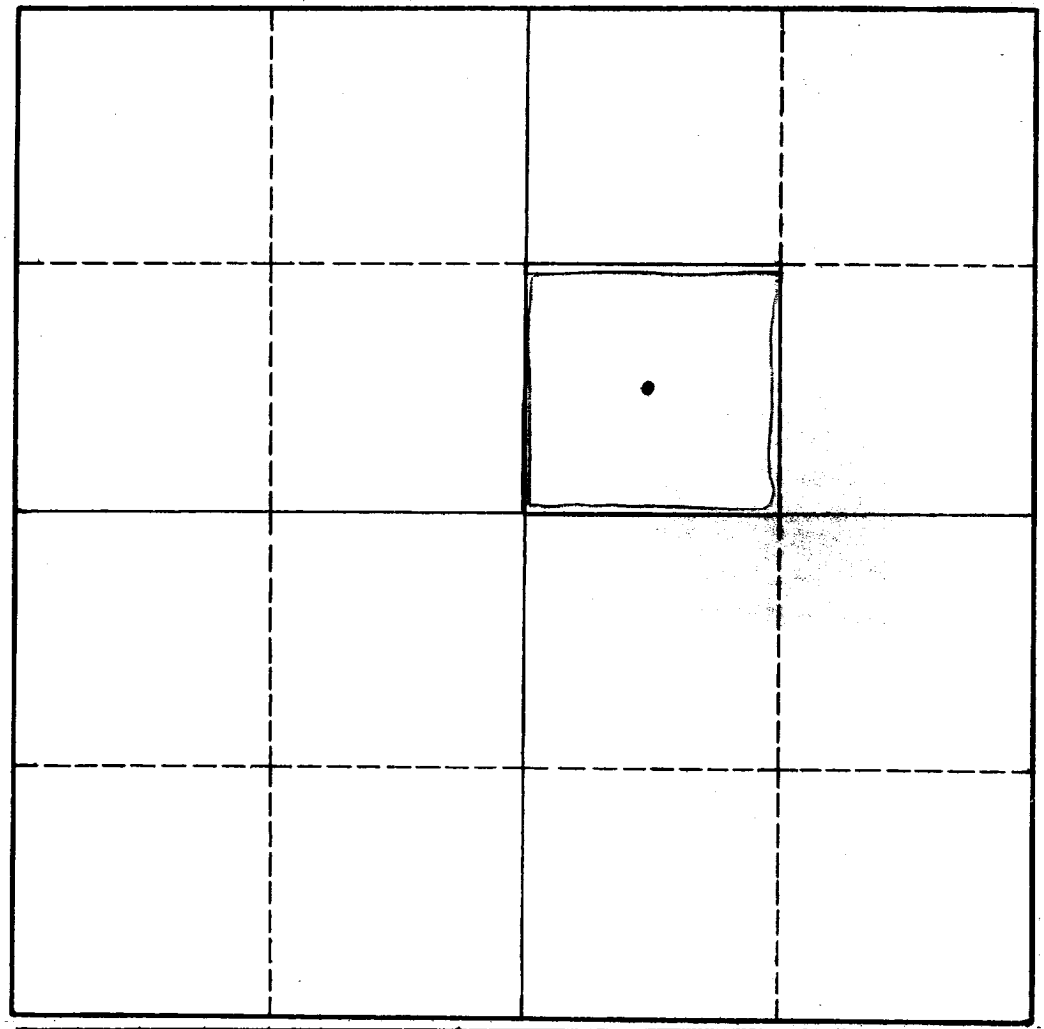
SECTION A

Operator Cities Service Oil Co.			Lease State BF		Well No. 1127
Unit Letter G	Section 16	Township 20	Range 33	County Lea	
Actual Footage Location of Well: 1980 feet from the North line and 1980 feet from the East line					
Ground Level Elev. 3543	Producing Formation Yates		Pool Teas	Dedicated Acreage: 40 Acres	

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES ☒ NO ____ . ("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 1935 Comp.)
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



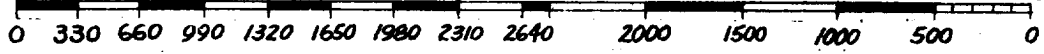
CERTIFICATION

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

Name <i>[Signature]</i>
Position District Superintendent
Company Cities Service Oil Co.
Date July 25, 1960

I hereby 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.

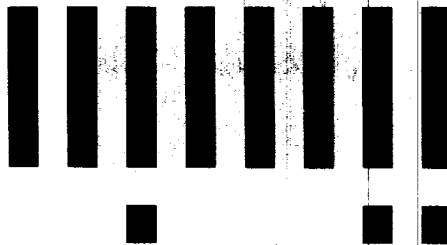
Date Surveyed
Registered Professional Engineer and/or Land Surveyor



Certificate No.

INSTRUCTIONS FOR COMPLETION OF FORM C-128

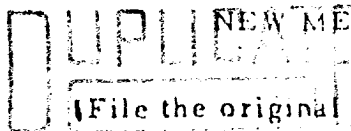
1. Operator shall furnish and certify to the information called for in Section A.
2. Operator shall outline the dedicated acreage for *both* oil and gas wells on the plat in Section B.
3. A registered professional engineer or land surveyor registered in the State of New Mexico or approved by the Commission 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 the Section.
5. If additional space is needed for listing owners and their respective interests as required in question 3 of Section A, please use space below.



LTR



Job separation sheet



NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Form C-110
Revised 7/1/55

(File the original and 4 copies with the appropriate district office)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Cities Service Oil Co. Lease State of

Well No. 1 Unit Letter G S 16 T 20 R 33 Pool Leas

County Lea Kind of Lease (State, Fed. or Patented) State

If well produces oil or condensate, give location of tanks: Unit G S 16 T 20 R 33

Authorized Transporter of Oil or Condensate Cities Service Oil Co. - Trucks

Address Leggett Building, Midland, Texas

(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas None

Address - Date Connected -

(Give address to which approved copy of this form is to be sent)

If Gas is not being sold, give reasons and also explain its present disposition:

New Well - no transporter available

Reasons for Filing: (Please check proper box) New Well (x)

Change in Transporter of (Check One): Oil () Dry Gas () C'head () Condensate ()

Change in Ownership () Other ()

Remarks: (Give explanation below)

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 19th day of July 19 60

By [Signature]

Approved JUL 26 1960 19 60

Title District Superintendent

OIL CONSERVATION COMMISSION

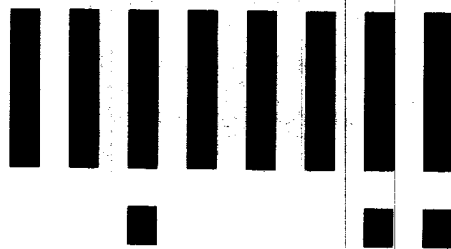
Company Cities Service Oil Co.

By [Signature]

Address Box 97

Title PRODUCTION MANAGER

Hobbs, New Mexico



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Job separation sheet

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

Name of Company Cities Service Oil Company			Address Box 97, Hobbs, New Mexico			
Lease State "np"	Well No. 1	Unit Letter 8	Section 16	Township 20S	Range 33E	
Date Work Performed See Below	Pool West Texas			County Lee		

THIS IS A REPORT OF: (Check appropriate block)

- ☒ Beginning Drilling Operations
 ☒ Casing Test and Cement Job
 ☐ Other (Explain):
☐ Plugging
 ☐ Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

5/3/60: Spudded 12 1/2" hole @ 10:45 PM 5/3/60.

5/6/60: Ran 38 joints (1231') of 9 5/8" @ 32# casing & set at 1245'. Cemented with 400 sacks Diamix w/4% jel, plus 200 sacks reg cement on bottom. Cement circulated. Tested casing at 600# for 30 min before & after drilling cement plug. No decrease in pressure.

Witnessed by R. G. Berg	Position Engineer	Company Cities Service Oil Company
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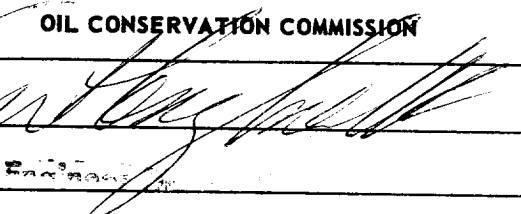
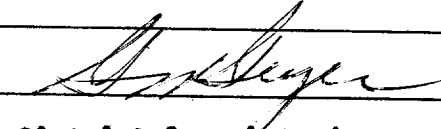
FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

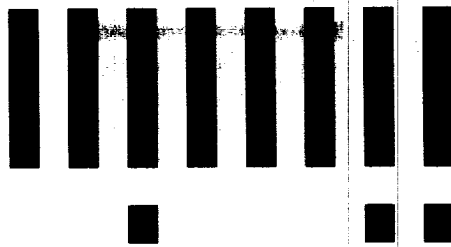
RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION		I hereby certify that the information given above is true and complete to the best of my knowledge.	
Approved by 	Name 		
Title District Superintendent	Position District Superintendent		
Date	Company Cities Service Oil Company		

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Journal of Interpersonal Violence 26(10) 1978-1997
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Job separation sheet

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

Name of Company Cities Service Oil Company		Address P. O. Box 97, Hobbs, New Mexico				
Lease State "NM"	Well No. 1	Unit Letter G	Section 16	Township 20S	Range 33E	
Date Work Performed 5-10-60 & 5-12-60	Pool West Tens			County Lea		

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations ☒ Casing Test and Cement Job ☐ Other (Explain):
☐ Plugging ☐ Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

Ran 95 joints (2962') of 7"OD 20# J-55 Casing. Set at 2969' and cemented with 600 sacks Diamix with 4% gel and 14# Salt per sack plus 200 sacks neat on bottom. Cement circulated. Tested casing with 700# pump pressure before drilling cement plug and with 500# pump pressure after drilling cement plug. No decrease in pressure.

Witnessed by C. G. Taylor	Position Ass't. Foreman	Company Cities Service Oil Company
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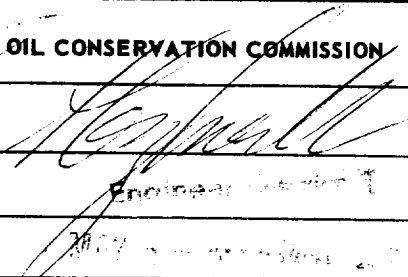
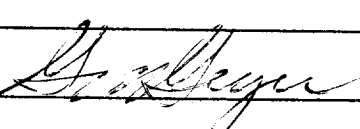
FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION		I hereby certify that the information given above is true and complete to the best of my knowledge.	
Approved by 	Name 		
Title Engineer	Position District Superintendent		
Date May 12, 1960	Company Cities Service Oil Company		

1. The first part of the paper is devoted to the study of the properties of the function $f(x)$ defined by the equation

$$f(x) = \int_0^x \frac{1}{1+t^2} dt, \quad x \in \mathbb{R}.$$

It is well known that the function $f(x)$ is increasing and concave down on the interval $(-\infty, \infty)$. Moreover, the function $f(x)$ is bounded on the interval $(-\infty, \infty)$ and its range is the interval $(-\frac{\pi}{2}, \frac{\pi}{2})$. The function $f(x)$ is also continuous and differentiable on the interval $(-\infty, \infty)$. The function $f(x)$ is also a solution of the differential equation $y' = \frac{1}{1+x^2}$ with the initial condition $y(0) = 0$.

2. The second part of the paper is devoted to the study of the properties of the function $g(x)$ defined by the equation

3. The third part of the paper is devoted to the study of the properties of the function $h(x)$ defined by the equation