

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut-off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below:

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF	7-5/8"	REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

Hobbs, New Mexico. July 23th, 1936.

Place

Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the _____

Gulf Oil Corporation-Gypsy Division H.C. Collins Well No. **2** in the
NW 1/4 Company or Operator **14** Lease **21a** of Sec. **36e**, N. M. P. M.,
Sumner Field, **Lea.** County.

The dates of this work were as follows: **Cemented 7-23-36 Tested 7-24-1936.**

Notice of intention to do the work was [~~was not~~] submitted on Form C-102 on **7-24-1936**, 19____
 and approval of the proposed plan was [~~was not~~] obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

The hole was washed down the casing tested with 1200# Pressure applied for 30 Min., the plug drilled and the hole tested with 1200# Pressure applied for 30 Min., Both tests were Ok and after approval of Mr. Vesely State Oil & Gas Inspector, preparations were made to drill ahead.

DUPLICATE

Witnessed by **Chas Taylor** **Gulf** **Foreman.**
 Name Company Title

Subscribed and sworn to before me this **12**

day of **Aug**, 19 **36**

Patricia McShoney
Notary Public

My Commission expires **10-24-39**

I hereby swear or affirm that the information given above is true and correct.

Name **W.D. McShoney**
 Position **District Superintendent**

Representing **Gulf Oil Corporation**
 Company or Operator

Address **Hobbs, New Mexico.**

Remarks:

J. Vesely Name
 Title

THEORY

The theory of the present experiment is based on the fact that the rate of change of the concentration of a substance in a solution is proportional to the concentration of the substance. This is expressed by the following equation:

$$\frac{dC}{dt} = -kC$$

where C is the concentration of the substance, t is time, and k is the rate constant. The integrated form of this equation is:

$$\ln C = -kt + \ln C_0$$

where C_0 is the initial concentration. The rate constant k can be determined from the slope of a plot of $\ln C$ versus t .

The rate constant k is a function of temperature and can be determined from the Arrhenius equation:

$$\ln k = -\frac{E_a}{RT} + \ln A$$

where E_a is the activation energy, R is the gas constant, and A is the pre-exponential factor.

The present experiment is designed to determine the rate constant k for the reaction of a substance in a solution at different temperatures. The rate of change of the concentration of the substance is measured by the change in the optical density of the solution over time.

The rate constant k is determined from the slope of a plot of $\ln C$ versus t . The activation energy E_a is determined from the slope of a plot of $\ln k$ versus $1/T$.

The present experiment is designed to determine the rate constant k for the reaction of a substance in a solution at different temperatures. The rate of change of the concentration of the substance is measured by the change in the optical density of the solution over time.

The rate constant k is determined from the slope of a plot of $\ln C$ versus t . The activation energy E_a is determined from the slope of a plot of $\ln k$ versus $1/T$.

The present experiment is designed to determine the rate constant k for the reaction of a substance in a solution at different temperatures. The rate of change of the concentration of the substance is measured by the change in the optical density of the solution over time.

The rate constant k is determined from the slope of a plot of $\ln C$ versus t . The activation energy E_a is determined from the slope of a plot of $\ln k$ versus $1/T$.

The present experiment is designed to determine the rate constant k for the reaction of a substance in a solution at different temperatures. The rate of change of the concentration of the substance is measured by the change in the optical density of the solution over time.

The rate constant k is determined from the slope of a plot of $\ln C$ versus t . The activation energy E_a is determined from the slope of a plot of $\ln k$ versus $1/T$.

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS NOTICES

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or its agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of notice by checking below:

NOTICE OF INTENTION TO TEST CASING SHUT-OFF	7-5/8"	NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL		NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL			

Hobbs, New Mexico.July 23rd, 1936.

Place

Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

Gentlemen:

Following is a notice of intentiton to do certain work as described below at the

Gulf Oil Corporation - Gypsy Division **H.C. Collins** Well No. **2** in **NW/4**
Company or Operator Lease
of Sec. **14**, T. **21a**, R. **36a**, N. M. P. M., **Emisco.** Field,
Lea. County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

On July 23rd, 1936 the 7-5/8" 22# 8-thd New Layweld Steel Casing was cemented in Anhydrite at 1430' W/300 Sax Cement by the Halliburton Cementing process.

Propose to test casing and drill plug on July 26th, 1936.

DUPLICATE

Approved JUL 27 1936, 19____
except as follows:

OIL CONSERVATION COMMISSION,

By [Signature]Title [Signature]

Gulf Oil Corporation
(Gypsy Division)

Company or Operator

By [Signature]Position **District Superintendent**

Send communications regarding well to

Name **C.C. Cummings**Address **Hobbs, New Mexico.**

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut-off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below:

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF	10-5/4	REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

Hobbs, New Mexico.

June 28th, 1936.

Place

Date

OIL CONSERVATION COMMISSION,
 Santa Fe, New Mexico.

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the _____

Gulf Oil Corporation - Gypsy Division H.B. Collins Well No. 2 in the _____
 Company or Operator Lease

NW/4 of Sec. 14, T. 21s, R. 36e., N. M. P. M.,
Emise Field, La County.

The dates of this work were as follows: Cemented 6-25-36 Tested 6-27-36.

Notice of intention to do the work was ~~submitted~~ submitted on Form C-102 on 6-26-36. 19____
 and approval of the proposed plan was ~~obtained~~ obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

The plug was drilled the hole bailed dry and then let stand for 1 hour, the bailer reran and hole found to be dry and test O.K., after approval of Mr. Vesely State Oil & gas inspector, preparations were made to drill ahead.

DUPLICATE

Witnessed by _____ Name _____ Company _____ Title _____

Subscribed and sworn to before me this 29

day of June, 1936

Patricia Mahoney
 Notary Public

My Commission expires 10-24-39

I hereby swear or affirm that the information given above is true and correct.

Name E. D. [Signature]

Position District Superintendent

Representing Gulf Oil Corporation

(Gypsy Division)

Address Hobbs, New Mexico.

Remarks:

[Signature] Name _____
 Title _____

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS NOTICES

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or its agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of notice by checking below:

NOTICE OF INTENTION TO TEST CASING SHUT-OFF 10-3/4"	NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL
NOTICE OF INTENTION TO CHANGE PLANS	NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING
NOTICE OF INTENTION TO REPAIR WELL	NOTICE OF INTENTION TO PLUG WELL
NOTICE OF INTENTION TO DEEPEN WELL	

Hobbs, New Mexico. June 26th, 1936.

Place

Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

Gentlemen:

Following is a notice of intention to do certain work as described below at the _____

GULF OIL CORPORATION

GYPSY DIVISION

H.C. Collins

Well No. **2**

in **NW/4**

Company or Operator

Lease

of Sec. **14**

T. **21s**

R. **36e**

N. M. P. M., **Emble**

Field,

Lea.

County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

On June 25th, 1936 the 10-3/4" 32# 8-thd New Lapweld Steel Casing was cemented in Red Bed at 300' W/250 Sax Cement by Halliburton Cementing Process.

Propose to drill the plug and test on June 27th, 1936.

DUPLICATE

JUN 29 1936

Approved _____, 19____
except as follows:

GULF OIL CORPORATION

GYPSY DIVISION

Company or Operator

By *O.C. Cummings*

Position **District Superintendent**

Send communications regarding well to

Name **G.C. Cummings.**

Address **Hobbs, New Mexico.**

OIL CONSERVATION COMMISSION,

By *[Signature]*

Title _____

1112

NOTICE TO CONTRIBUTORS

Manuscripts should be sent to the Editor, JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION, 535 North Dearborn Street, Chicago, Ill. 60610. Manuscripts should be typed double spaced, on one side of the paper, and should be accompanied by a cover sheet. The cover sheet should contain the title of the article, the author's name, and the author's address. The cover sheet should also contain a short running head, which should be the title of the article. The cover sheet should be typed on the same paper as the manuscript. The cover sheet should be typed on the same paper as the manuscript. The cover sheet should be typed on the same paper as the manuscript.

Manuscripts should be sent to the Editor, JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION, 535 North Dearborn Street, Chicago, Ill. 60610.

Manuscripts should be sent to the Editor, JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION, 535 North Dearborn Street, Chicago, Ill. 60610. Manuscripts should be typed double spaced, on one side of the paper, and should be accompanied by a cover sheet. The cover sheet should contain the title of the article, the author's name, and the author's address. The cover sheet should also contain a short running head, which should be the title of the article. The cover sheet should be typed on the same paper as the manuscript. The cover sheet should be typed on the same paper as the manuscript. The cover sheet should be typed on the same paper as the manuscript.

Manuscripts should be sent to the Editor, JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION, 535 North Dearborn Street, Chicago, Ill. 60610. Manuscripts should be typed double spaced, on one side of the paper, and should be accompanied by a cover sheet. The cover sheet should contain the title of the article, the author's name, and the author's address. The cover sheet should also contain a short running head, which should be the title of the article. The cover sheet should be typed on the same paper as the manuscript. The cover sheet should be typed on the same paper as the manuscript. The cover sheet should be typed on the same paper as the manuscript.

Manuscripts should be sent to the Editor, JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION, 535 North Dearborn Street, Chicago, Ill. 60610. Manuscripts should be typed double spaced, on one side of the paper, and should be accompanied by a cover sheet. The cover sheet should contain the title of the article, the author's name, and the author's address. The cover sheet should also contain a short running head, which should be the title of the article. The cover sheet should be typed on the same paper as the manuscript. The cover sheet should be typed on the same paper as the manuscript. The cover sheet should be typed on the same paper as the manuscript.

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

NOTICE OF INTENTION TO DRILL

Notice must be given to the Oil Conservation Commission or its proper agent and approval obtained before drilling begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in triplicate. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission.

Tulsa, Oklahoma

May 27th, 1936

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico

Place

Date

Gentlemen:

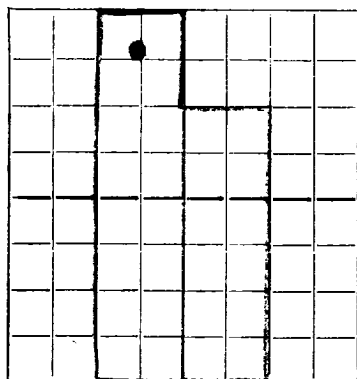
You are hereby notified that it is our intention to commence the drilling of a well to be known as

Gulf Oil Corporation

Henry C. Collins

Well No. 2 in NE NW

of Sec. 14, T. 21S, R. 9E, N. M. P. M., Lease Eunice, Field, Lea County.



AREA 640 ACRES
LOCATE WELL CORRECTLY

The well is 640 feet [N.] [S.] of the North line and 640 feet [E.] [W.] of the East line of NE NW

(Give location from section or other legal subdivision lines. Cross out wrong directions.)

If state land the oil and gas lease is No. - Assignment No. -

If patented land the owner is -

Address -

If government land the permittee is -

Address -

The lessee is Gulf Oil Corporation

Address Tulsa, Oklahoma.

We propose to drill well with drilling equipment as follows: Rotary Tools

The status of a bond for this well in conformance with Rule 39 of the General Rules and Regulations of the Commission is as follows:

We propose to use the following strings of casing and to land or cement them as indicated:

Size of Hole	Size of Casing	Weight Per Foot	New or Second Hand	Depth	Landed or Cemented	Sacks Cement
15-5/4	10-5/4	40.5	New	15' into Red Bed		
9-7/8	7-5/8	28	New	1400'	Cemented	200
6-5/4	5-1/2	17	New	5750'	Cemented	525
					Cemented	500

If changes in the above plan become advisable we will notify you before cementing or landing casing. We estimate that the first productive oil or gas sand should occur at a depth of about 5750 feet.

Additional information:

DUPLICATE

Approved _____, 19 _____
except as follows:

Subject to special regulations for drilling and casing wells in this area

OIL CONSERVATION COMMISSION,

By _____

Title _____

Sincerely yours,

Gulf Oil Corporation

Company or Operator

By _____

Position General Superintendent

Send communication regarding well to

Name S. C. Sanders

Address Tulsa, Oklahoma.

0001, 0011 00

0001, 0011 00

0001

0001

0001, 0011 00

0001

0001

0001

0001

0001

0001

0001

0001

0001

0001

0001

0001, 0011 00

0001, 0011 00

0001, 0011 00

0001

0001

0001

0001

0001

0001

0001

0001

0001

0001

0001

0001

0001

0001

0001

0001

0001

0001

0001

0001

0001

0001, 0011 00

0001, 0011 00

0001, 0011 00

0001, 0011 00

