



DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

032233-A

Serial Number **E. A. Bowers** "A"

Lease or Permit

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT RECORD OF SHOOTING	
NOTICE OF INTENTION TO CHANGE PLANS		RECORD OF PERFORATING CASING	
NOTICE OF DATE FOR TEST OF WATER SHUT-OFF	<del>XXXX</del>	NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
REPORT ON RESULT OF TEST OF WATER SHUT-OFF		NOTICE OF INTENTION TO ABANDON WELL	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO SHOOT		SUPPLEMENTARY WELL HISTORY	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

**McCamoy, Texas, October 17th, 1930.**

192

Following is a ~~XXXX~~ notice of intention to do work on land under ~~XXXX~~ permit described as follows:  
**New Mexico** report of work done **Lea** lease **Hobbs**

**Ariz.** (State or Territory) **W 1/2 W 1/2 Sec. 29** (County or Subdivision) **38-E** (Field)  
 Well No. **2310** (1/4 Sec. and Sec. No.) **S** (Twp.) **990** (Range) **W** (Meridian) **W 1/2 W 1/2 Sec. 29**  
 The well is located **2310** ft. **S** of **990** line and **990** ft. **E** of **W** line of sec. **29**  
 The elevation of the derrick floor above sea level is \_\_\_\_\_ ft.

## DETAILS OF PLAN OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work.)

Set **3000'** of **7"** casing at **3976'** and cemented with **350** sacks cement October **10th, 1930**. Drilled plug and bailed casing dry October **16th, 1930**, same tested free from water and satisfactory.

Humble Oil &amp; Refining Co

Approved **October 25, 1930** (Date)**E. A. Bowers**Title **Deputy Supervisor**  
GEOLOGICAL SURVEYAddress **Roswell, N. Mex.**

Company **ORIGINAL**  
 COPY **SIGNED** **F. S. SEELEY**  
 By **Division Superintendent**

Title **McCamoy, Texas.**

Address

NOTE.—Reports on this form to be submitted in triplicate to the Supervisor for approval.

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Las Cruces, N. M.

Lease No. 032233-A

Unit .....

B. A. Bowers "A" - Federal

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL .....		SUBSEQUENT REPORT OF WATER SHUT-OFF .....	
NOTICE OF INTENTION TO CHANGE PLANS .....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING .....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF .....		SUBSEQUENT REPORT OF ALTERING CASING .....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL .....	X	SUBSEQUENT REPORT OF REDRILLING OR REPAIR .....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE .....		SUBSEQUENT REPORT OF ABANDONMENT .....	
NOTICE OF INTENTION TO PULL OR ALTER CASING .....		SUPPLEMENTARY WELL HISTORY .....	
NOTICE OF INTENTION TO ABANDON WELL .....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Midland, Texas October 16, 1947

Well No. A-10 is located 2310 ft. from N line and 990 ft. from E line of sec. 29  
NW SW

W/2 of W/2 Sec. 29 18-S 36-E  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Hobbs Lea New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is ..... ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Cement behind 7" casing, deepen 14', run 5-1/2" casing to total depth and cement to surface, run Gamma Ray survey, perforate selected sections, replace 3" tubing with 2" tubing and place well on production.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Humble Oil & Refining Company

Address Box 1600

Midland, Texas

By Robert L. Dewey

Title Petroleum Engineer

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Serial Number **032253-A**  
Lease of ~~XXXX~~ **B. A. Bowers**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT RECORD OF SHOOTING.....
NOTICE OF INTENTION TO CHANGE PLANS.....	RECORD OF PERFORATING CASING.....
NOTICE OF DATE FOR TEST OF WATER SHUT-OFF.....	NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING.....
REPORT ON RESULT OF TEST OF WATER SHUT-OFF.....	NOTICE OF INTENTION TO ABANDON WELL.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO <del>SHOOT</del> <b>RE-SET PACKER</b>	SUPPLEMENTARY WELL HISTORY.....

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

**McComoy, Texas. August 6, 1924**

Following is a ~~notice of intention to do work~~ **report of work done** on land under ~~lease~~ described as follows:

**New Mexico** **Lea** **Hobbs**  
(State or Territory) (County or Subdivision) (Field)  
Well No. **A-10** **1/2 N/2 Sec. 29** **18-South** **38-East**  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

The well is located **2310** ft. **N** of **S** line and **990** ft. **E** of **W** line of sec. **1/2 N/2 Sec. 29**

The elevation of the derrick floor above sea level is \_\_\_\_\_ ft.

DETAILS OF PLAN OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work.)

Will pull tubing and re-set packer approximately four feet higher in an effort to obtain better packer seat, and re-test.

Approved **August 8, 1924.**  
(Date)

Supervisor, Oil & Gas Operations

Title **T. G. Taylor, Engineer,**  
GEOLOGICAL SURVEY

Address **Reynolds, New Mexico.**

Company **Humble Oil & Refining Company**

By **R. B. Barber**

Title **Division Sup't.**

Address **McComoy, Texas.**

NOTE.—Reports on this form to be submitted in triplicate to the Supervisor for approval.

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

S. Land Office LOS ALAMOS

Serial Number 032843-A

Lease or Permit 1-1-100878

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT RECORD OF SHOOTING	
NOTICE OF INTENTION TO CHANGE PLANS	RECORD OF PERFORATING CASING	<input checked="" type="checkbox"/>
NOTICE OF DATE FOR TEST OF WATER SHUT-OFF	NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
REPORT ON RESULT OF TEST OF WATER SHUT-OFF	NOTICE OF INTENTION TO ABANDON WELL	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO SHOOT	SUPPLEMENTARY WELL HISTORY	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

McCombs, Texas 4-14, 19234

Following is a notice of intention to do work on land under permit described as follows:  
report of work done lease

New Mexico or Territory 12th (County or Subdivision) Hobbs (Field)  
Well No. 4-9 1 1 22 18 30E 11 W  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

The well is located 210 ft. N of N line and 99 ft. E of W line of sec. 11

The elevation of the derrick floor above sea level is          ft.

DETAILS OF PLAN OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work.)

Treated well with 1000 gallons of acid 3-30-34.  
Tested well 4-13-34 and made 6383 barrels through tubing, giving  
a new potential of 14,600 barrels.  
Five million cu. ft. of gas.

Approved April 23, 1934.  
(Date)

Supervisor Oil & Gas Operations

Title T. G. Taylor, Engineer

GEOLOGICAL SURVEY

Address Roswell, New Mexico.

Company Humble Oil & Refining Co.

By W. E. Hubbard  
Title Division Sup't.

Address McCombs, Texas.

NOTE.—Reports on this form to be submitted in triplicate to the Supervisor for approval.

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

S. Land Office 15723-77  
Los Cruces  
Serial Number 05823-1  
Lease or Permit E. J. BOWERS

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT RECORD OF SHOOTING.....
NOTICE OF INTENTION TO CHANGE PLANS.....	RECORD OF PERFORATING CASING.....
NOTICE OF DATE FOR TEST OF WATER SHUT-OFF.....	NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING.....
REPORT ON RESULT OF TEST OF WATER SHUT-OFF.....	NOTICE OF INTENTION TO ABANDON WELL.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO <del>TEST</del> <u>TEST WITH ACID</u>	SUPPLEMENTARY WELL HISTORY.....

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

McCombs, Texas, April 5, 1934, 192

Following is a notice of intention to do work on land under lease described as follows:

New Mexico Lea Hobbs  
(State or Territory) (County or Subdivision) (Field)  
Well No. A-10 W 1/2 Sec. 20 18-South 39-East  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

The well is located 2310 ft. N of S line and 220 ft. E of W line of sec. 20 sec. 20

The elevation of the derrick floor above sea level is \_\_\_\_\_ ft.

DETAILS OF PLAN OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work.)

Present Potential 11,208  
Gas Oil Ratio 622  
Amount of acid 1,000 Gals.  
Chemical Process Company

Treat to increase the potential

Approved April 13, 1934  
(Date)

Supervisor Oil & Gas Operations

Title T. G. Taylor, Engineer

GEOLOGICAL SURVEY

Address Roswell, New Mexico

Company Humble Oil & Refining Company

By John A.

Title Div. Let. Engineer

Address McCombs, Texas

NOTE.—Reports on this form to be submitted in triplicate to the Supervisor for approval.

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DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSerial Number 032213-4Lease or ~~Patent~~ B. A. BOWERS

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT RECORD OF SHOOTING
NOTICE OF INTENTION TO CHANGE PLANS	RECORD OF PERFORATING CASING
NOTICE OF DATE FOR TEST OF WATER SHUT-OFF	NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING
REPORT ON RESULT OF TEST OF WATER SHUT-OFF	NOTICE OF INTENTION TO ABANDON WELL
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO <del>REPAIR</del> <u>TREAT WITH ACID</u>	SUPPLEMENTARY WELL HISTORY

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

McCrney, Texas. July 21, 1934, 192Following is a notice of intention to do work on land under lease described as follows:

<u>New Mexico</u>	<u>Lea</u>	<u>Hobbs</u>
(State or Territory)	(County or Subdivision)	(Field)
Well No. <u>A-10</u>	<u>W<sub>2</sub> W<sub>2</sub> Sec. 29</u>	<u>18-South</u>
	( $\frac{1}{4}$ Sec. and Sec. No.)	(Range)
		<u>38-East</u>
		(Meridian)

The well is located 2310 ft. N of S line and 990 ft. E of W line of sec. W<sub>2</sub> W<sub>2</sub> Sec. 29

The elevation of the derrick floor above sea level is \_\_\_\_\_ ft.

## DETAILS OF PLAN OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work.)

Present Potential	<u>11,808</u>
Gas Oil Ratio	<u>Not Known</u>
Amount of Acid	<u>1,000 Gals.</u>
Chemical Process Company	

Treat to increase present production from 120 barrels to allowable production of 200 barrels, plus make-up production of 75000 barrels less production due to corrective work of setting packer.

Approved July 30, 1934.  
(Date)

Supervisor Oil &amp; Gas Operations

Title E. G. Taylor, Engineer.  
GEOLOGICAL SURVEYAddress Rawl, New Mexico.Company Humble Oil & Refining CompanyBy [Signature]Title Division Sup't.Address McCrney, Texas

NOTE.—Reports on this form to be submitted in triplicate to the Supervisor for approval.

GOVERNMENT PRINTING OFFICE 6-7053

J6

**NEW MEXICO STATE LAND OFFICE**  
**OFFICE OF THE STATE GEOLOGIST**  
 SANTA FE, NEW MEXICO

### MISCELLANEOUS NOTICES

Submit this notice in triplicate to the State Geologist or proper Oil and Gas Inspector at least five days 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 State Geologist or Oil and Gas Inspector of the plan submitted. The plan as approved should be followed and work should not begin until approval is obtained.

Indicate nature of notice by checking below:

NOTICE OF INTENTION TO CHANGE PLANS	NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING
NOTICE OF INTENTION TO REPAIR WELL	<b>To Treat with Acid</b>
NOTICE OF INTENTION TO DEEPEN WELL	

**Hobbs, N. Mex.**      **3-29-34**

PLACE      DATE

Mr. **T. Taylor**  
~~XXXXXXXXXX~~      ~~XXXXXXXXXX~~ State Geologist  
 Santa Fe, N. Mex.      ~~XXXXXXXXXX~~ U. S. Geological Survey  
                                  Roswell, N. M.

Following is a notice of intention to do certain work as described below at the **Humble Oil & Refg. Co.** **B. A. Bowers A** Well No. **10** in **SW 1**  
 COMPANY OR OPERATOR      LEASE  
 of Sec. **29**, T. **18**, R. **38**, N. M. P. M., **Hobbs**  
 Oil Field, **Lea** County.

#### DETAILS OF PROPOSED PLAN OF WORK

**Present Potential . . . . . 11200**  
**Gas Oil Ratio . . . . . 622**  
**Amount of Acid . . . . . 1000 gal.**  
**Chemical Process Company.**

**Treat to increase the potential**

Approved \_\_\_\_\_, 19\_\_\_\_  
 except as follows:

*Humble Oil & Ref Co*  
 COMPANY OR OPERATOR

By *Robert L. Bowers*  
 Position *Manager*  
 Send communications regarding well to  
 Name \_\_\_\_\_  
 Address \_\_\_\_\_

NAME \_\_\_\_\_ TITLE \_\_\_\_\_  
 Address \_\_\_\_\_

SUPERVISION,

OIL AND GAS DEVELOPMENT ON  
THE PUBLIC DOMAIN

UNITED STATES

DEPARTMENT OF THE INTERIOR

EDUCATIONAL SURVEY  
GEOLOGICAL SURVEY

August 26, 1937

997

P. O. BOX 991  
ROSWELL, NEW MEXICO

Humble Oil and Refining Company  
Box 1600  
Midland, Texas

Lease Las Cruces 032233(a)

Gentlemen:

Receipt is acknowledged of your "Supple-  
mentary Well History" dated August 24, 1937, covering  
BOWERS well No. 10 on the subject land in W<sub>1</sub> Section  
29, Township 18 South, Range 38 East.

The attached report is approved as of this  
date.

Very truly yours,



ROBERT A. HANSON,

Supervisor, Oil and Gas Operations.

RAH:O

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(SUBMIT IN TRIPPLICATE)

U. S. Land Office Las Cruces

UNITED STATES

Lease or ~~RIGHT~~ No. 0-32233-A

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

B. A. Bowers

Allottee AUG 2 1937  
Lease No. ROSWELL, NEW MEXICO

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	<b>X</b>
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Midland, Texas August 24, 19 37

Well No. 10 is located 2310 ft. from N line and 990 ft. from W line of sec. 29

W/2 of W/2 of Sec. 29 18-South 36-East  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Hobbs Lea New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is \_\_\_\_\_ ft.

### DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Pulled 2-1/2" tubing & replaced with new string of 2-1/2" tubing and Robinson Packer set at 4217'. Well flowed on 12 hour test at rate of 106 barrels oil and 240,000 cubic feet gas per day. Gas-oil ratio 1130 to 1. Tubing pressure 440%. BSW 3/10 of 1 per cent.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Humble Oil & Refining Company  
Address Box 1600  
Midland, Texas  
By [Signature]  
Title Division Superintendent

RECEIVED

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

AUG 14 1937

Serial Number 0-32233-4

Lease or Permit B.A. Bowers

ROSWELL, NEW MEXICO

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT RECORD OF SHOOTING.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		RECORD OF PERFORATING CASING.....	
NOTICE OF DATE FOR TEST OF WATER SHUT-OFF.....		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING.....	
REPORT ON RESULT OF TEST OF WATER SHUT-OFF.....		NOTICE OF INTENTION TO ABANDON WELL.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO SHOOT.....		SUPPLEMENTARY WELL HISTORY.....	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Midland, Texas August 10, 19 37

Following is a {notice of intention to do work} on land under {~~lease~~} described as follows:

New Mexico Lea Hobbs  
(State or Territory) (County or Subdivision) (Field)  
Well No. 10 W/2 of W/2 of Sec. 29 18-S 38-E  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

The well is located 2310 ft. N of S line and 990 ft. E of W line of sec. 29

The elevation of the derrick floor above sea level is ..... ft.

DETAILS OF PLAN OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work.)

Will pull 2-1/2" tubing & Robinson Packer & replace with new 2-1/2" tubing & Robinson Packer to reduce gas-oil ratio.

\* Approved on condition that results of proposed work will be submitted within 10 days of completion.

\* Approved August 14, 1937

Ernest A. Hanson  
ERNEST A. HANSON

Title Supervisor, Oil and Gas Operations  
GEOLOGICAL SURVEY

Address ROSWELL, NEW MEXICO

Company Humble Oil & Refining Company

By [Signature]  
Title Division Superintendent

Address Box 1600 - Midland, Texas

NOTE.—Reports on this form to be submitted in triplicate to the Supervisor for approval.

GOVERNMENT PRINTING OFFICE 6-7053

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DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Serial Number 032233-A  
Lease or Permits B. A. Bowers

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT RECORD OF SHOOTING
NOTICE OF INTENTION TO CHANGE PLANS	RECORD OF PERFORATING CASING
NOTICE OF DATE FOR TEST OF WATER SHUT-OFF	NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING
REPORT ON RESULT OF TEST OF WATER SHUT-OFF	NOTICE OF INTENTION TO ABANDON WELL
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO SHOOT	SUPPLEMENTARY WELL HISTORY

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

McCombs, Texas, August 6, 1934, 192

Following is a ~~notice of intention to drill~~ report of work done on land under ~~lease~~ case described as follows:

New Mexico Lea Hobbs  
(State or Territory) (County or Subdivision) (Field)  
Well No. A-10 W/2 W/2 Sec. 29 18-South 38-East  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

The well is located 2310 ft. N of S line and 990 ft. E of W line of sec. W/2 W/2 Sec. 29

The elevation of the derrick floor above sea level is \_\_\_\_\_ ft.

DETAILS OF PLAN OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work.)

Treated well with 1000 gallons of acid on July 23, 1934.  
Average production since 7-26-34; 150 barrels per day through 1/4" with gas-oil ratio of 11,000 cu. ft. per barrel.  
No change in potential. Test unsuccessful, but believed to be due to bad packer seat. Packer will be re-set and another test made.

Approved August 9, 1934  
(Date)

Supervisor Oil & Gas Operations

Title B. A. Bowers  
GEOLOGICAL SURVEY

Address McCombs, Texas

Company Humble Oil & Refg. Co.

By [Signature]

Title Division Sup't.

Address McCombs, Texas

NOTE.—Reports on this form to be submitted in triplicate to the Supervisor for approval.

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DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSerial Number 68228-A  
Lease or Permit R. A. Hanson

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT RECORD OF SHOOTING.....
NOTICE OF INTENTION TO CHANGE PLANS.....	RECORD OF PERFORATING CASING.....
NOTICE OF DATE FOR TEST OF WATER SHUT-OFF.....	NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING.....
REPORT ON RESULT OF TEST OF WATER SHUT-OFF.....	NOTICE OF INTENTION TO ABANDON WELL.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO SHOOT.....	SUPPLEMENTARY WELL HISTORY.....

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

McCombs, Texas, August 27, 1930, 192Following is a ~~notice of intention to abandon~~  
report of work done on land under ~~lease~~ described as follows:

New Mexico Lea McCombs  
(State or Territory) (County or Subdivision) (Field)

Well No. 10 W $\frac{1}{2}$  of W $\frac{1}{2}$  Sec. 20 10-South 20-East  
( $\frac{1}{4}$  Sec. and Sec. No.) (Twp.) (Range) (Meridian)

The well is located 200 ft. N of S. line and 200 ft. E of W. line of sec. W $\frac{1}{2}$  W $\frac{1}{2}$  Sec. 20

The elevation of the derrick floor above sea level is \_\_\_\_\_ ft.

## DETAILS OF PLAN OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work.)

Set 217' of 12 1/2" casing with shoe at 200' using 215 sacks O.K. cement  
August 1, 1930. Waited on rotary rig - drilled cement plug, bailed casing  
dry. Casing tested satisfactory August 24, 1930.

Approved August 30, 1930E.A. HansonTitle Deputy Supervisor  
GEOLOGICAL SURVEYAddress Roswell, New MexicoCompany Smith Oil & Refining Company  
By DAVID FRAMETitle Division Sup't.Address McCombs, Texas

NOTE.—Reports on this form to be submitted in triplicate to the Supervisor for approval.

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Serial Number 03223-A

Days or Permit B. A. Bowers

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT RECORD OF SHOOTING.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		RECORD OF PERFORATING CASING.....	
NOTICE OF DATE FOR TEST OF WATER SHUT-OFF.....		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING.....	
REPORT ON RESULT OF TEST OF WATER SHUT-OFF.....	<input checked="" type="checkbox"/>	NOTICE OF INTENTION TO ABANDON WELL.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO SHOOT.....		SUPPLEMENTARY WELL HISTORY.....	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

McGuire, Texas, September 22, 1930, 192

Following is a notice of intention to drill on land under lease described as follows:

New Mexico Lea Hobbs  
(State or Territory) (County or Subdivision) (Field)  
Well No. 10 W $\frac{1}{2}$  of W $\frac{1}{2}$  Sec. 20 18-South 38-East  
( $\frac{1}{4}$  Sec. and Sec. No.) (Twp.) (Range) (Meridian)

The well is located 2330 ft. N of S line and 800 ft. E of W line of sec. W $\frac{1}{2}$  of W $\frac{1}{2}$  Sec. 20

The elevation of the derrick floor above sea level is \_\_\_\_\_ ft.

DETAILS OF PLAN OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work.)

Set 2734' of 9 5/8" casing at 2720' and cemented using 650 sacks cement,  
September 15, 1930. Drilled plug and bailed casing dry September 20, 1930,  
tested free from water and satisfactory.

Approved September 24, 1930

Company Humble Oil & Refining Co.

Ernest A. Hanson

Title Deputy Supervisor  
GEOLOGICAL SURVEY

Title Division Sup't.

Address Roswell, New Mexico.

Address \_\_\_\_\_

NOTE.—Reports on this form to be submitted in triplicate to the Supervisor for approval.

A 10x10 grid of squares. A horizontal line and a vertical line intersect at the center of the grid, forming a crosshair. The lines extend to the edges of the grid.

U. AND OFFICE.....

SERIAL NUMBER.....

LEASE OR PERMIT TO ~~RECOVER~~.....

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

# LOG OF OIL OR GAS WELL

### LOCATE WELL CORRECTLY

Company \_\_\_\_\_ Address \_\_\_\_\_

Lessor or Tract \_\_\_\_\_ Field \_\_\_\_\_ State \_\_\_\_\_

Well No. \_\_\_\_\_ Sec. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_ Meridian \_\_\_\_\_ County \_\_\_\_\_

Location \_\_\_\_\_ ft.  $\begin{Bmatrix} N \\ S \end{Bmatrix}$  of \_\_\_\_\_ Line and \_\_\_\_\_ ft.  $\begin{Bmatrix} E \\ W \end{Bmatrix}$  of \_\_\_\_\_ Line of \_\_\_\_\_ Elevation \_\_\_\_\_  
(Derrick floor relative to sea level)

The information given herewith is ~~990~~ complete and correct record ~~of the work~~ all work done thereon so far as can be determined from all available records.

Signed \_\_\_\_\_

Date \_\_\_\_\_ Title \_\_\_\_\_

The summary on this page is for the condition of the well at above date.

Commenced drilling ..... 19..... Finished drilling ..... , 19.....

## OIL OR GAS SANDS OR ZONES

(Denote gas by  $G$ )

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from 4100 to 4200 No. 5, from \_\_\_\_\_ to \_\_\_\_\_

No. 3. from ..... to ..... No. 6. from ..... to .....

## IMPORTANT WATER SANDS

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_      No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From	To	
10-12	10	16	HERRICK	ONE OF ONE OR TWO MET					

## MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
1 1/2"	100'	250	100'		
2"	175'	650			
3"	200'	800			

## PLUGS AND ADAPTERS

Heaving plug—Material ..... Length ..... Depth set .....

Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

## SHOOTING RECORD

[illegible]

## TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

Cable tools were used from 5 feet to 430 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

....., 19..... Put to producing ..... 19.....

The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_ % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, °Ba \_\_\_\_\_

If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. ....

## EMPLOYEES

\_\_\_\_\_, Driller

\_\_\_\_\_, Driller \_\_\_\_\_ Driller

## FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION

Form 2-2  
(Feb. 1930)  
**RECEIVED**  
JUL 28 1930  
U.S. GEOLOGICAL SURVEY  
ROSWELL, NEW MEXICO

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

J.S. Land Office **Las Cruces**  
Serial Number **032233-A**  
Name of Person **B. A. Bowers**

**SUNDRY NOTICES AND REPORTS ON WELLS**

NOTICE OF INTENTION TO DRILL	SUBSEQUENT RECORD OF SHOOTING
NOTICE OF INTENTION TO CHANGE PLANS	RECORD OF PERFORATING CASING
NOTICE OF DATE FOR TEST OF WATER SHUT-OFF	NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING
REPORT ON RESULT OF TEST OF WATER SHUT-OFF	NOTICE OF INTENTION TO ABANDON WELL
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO SHOOT	SUPPLEMENTARY WELL HISTORY

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

**McCombs, Texas July 25, 1930**

Following is a notice of intention to do work on land under lease described as follows:

New Mexico San Antonio Hobbs  
(State or Territory) (County or Subdivision) (Field)  
Well No. 20 W. 20 Sec. 29 15-South 30-East  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

The well is located 200 ft. N of 1/4 line and 200 ft. E of 1/4 line of sec. W. 20 Sec. 29

The elevation of the derrick floor above sea level is \_\_\_\_\_ ft.

**DETAILS OF PLAN OF WORK**

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casing; indicate mudlogging jobs, cementing points, and all other important proposed work.)

12 1/2" - 200' - 100' through water sand with 100 sacks cement  
9 5/8" - 200' - 2750' on top of brown line with 600 sacks cement  
7" - 200' - 5000' on top of white line with 600 sacks cement

Approved July 28, 1930 Company Humble Oil & Refining Co.  
(Date) E. A. Hanson E. A. Hanson  
Title Deputy Supervisor Title Division Sup't.  
GEOLOGICAL SURVEY  
Address Roswell, N. M. Address McCombs, Texas.

NOTE.—Reports on this form to be submitted in triplicate to the Supervisor for approval.

GOVERNMENT PRINTING OFFICE 6-7053

J17

APPROVAL TO DRILL is given as outlined above with the understanding that the following general and special requirements be strictly complied with:

GENERAL

1. All water to be confined to its original horizon and test made for water shut-off before drilling ahead. Casing shall be cemented if necessary to shut off water.
2. All showings of oil or gas to be tested for their commercial possibilities in a dry hole before drilling ahead. Each showing to be properly protected to prevent migration.
3. To prevent waste of, or damage to, and to provide the U. S. Geological Survey with carefully taken samples of, other minerals drilled through, i. e., coal, salt, potash beds, etc.
4. The permittee shall permanently mark all rigs or wells in a conspicuous place with his name or the name of the actual operator and the number and description of the well, and shall take all necessary precautions to preserve these markings.
5. Notify the U. S. Geological Survey office, P. O. Box 591, Roswell, New Mexico, on form 9-331a, of mudding, cementing, and water shut-off tests a sufficient time in advance in order that an engineer of the Survey may be present.
6. Lessee's monthly report, in triplicate on form 9-329, must be filled out each calendar month and forwarded to the Roswell office not later than the 6th day of the following month.

SPECIAL

1. Any change of drilling plan, or the conditions of approval, must have the written approval of the District Engineer before the change is made.
2. Carefully taken samples of drill cuttings must be taken at least every ten feet from 200 feet from surface to bottom of hole, and submitted through approved agent or directly to the U. S. Geological Survey, Roswell office.
3. The 7" casing point must have approval of this office before pipe is run.

U. S. LAND OFFICE **Las Vegas**  
SERIAL NUMBER **60295-1**  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_  
**B. A. MORGAN**

# LOG OF OIL OR GAS WELL

## LOCATE WELL CORRECTLY

Company Humble Oil & Refining Co. Address Box 982, McCarty, Texas  
Lessor or Tract Federal Bureau Field Hobbs State New Mexico  
Well No. A-20 Sec. 20 T. 10-N R. 10-E Meridian \_\_\_\_\_ County Lin  
Location 2000 ft. { N. } of # \_\_\_\_\_ Line and 200 ft. { E. } of W \_\_\_\_\_ Line of 1/4 of 1/4 Sec. 20 Elevation \_\_\_\_\_

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed \_\_\_\_\_

Date October 28, 1950 Title Division Exp't.

The summary on this page is for the condition of the well at above date.

Commenced drilling July 27, 1900, 19\_\_\_\_ Finished drilling October 20, 1900, 19\_\_\_\_

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from \_\_\_\_\_ to \_\_\_\_\_      No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_      No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_      No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

[illegible]

## MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
12 1/8	225	210	Wet pack		
8 1/8	2750	600	"		
5 1/8	225	210			

## PLUGS AND ADAPTERS

Heaving plug—Material ----- Length ----- Depth set -----  
Adapters—Material ----- Size -----

## SHOOTING RECORD

[illegible]

## TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

19	Put to producing <u>November 1</u>	no
----	------------------------------------	----

The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_ % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, °Bé. \_\_\_\_\_

If gas well, cu. ft. per 24 hours ..... Gallons gasoline per 1,000 cu. ft. of gas .....

Rock pressure, lbs. per sq. in. -----

## EMPLOYEES

\_\_\_\_\_  
Don Roberts, Driller

\_\_\_\_\_  
J. A. Bartlett, Driller

# FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION

~~LOWELL RECORD CONTINUED~~  
(OVER)

716

FEDERAL OIL & COASTING COMPANY  
Federal Bureau A-9

Caliche & Sand	0	88
Caliche	88	105
Flint Rock	105	104
Caliche	104	110
Flint Rock	110	112
Sand	112	191
Red Beds	191	204
Red Beds	204	250
Red Beds & Gravel	250	276
Red Beds & Strks. Hard Sand	276	774
Red Beds & Sand / Strks. Shale Sticky Shale	774	1076
Red Beds & Hard Sand	1076	1105
Sand Rock	1105	1105
Red Bed, Sand Rock & Shale	1105	1200
Streaks of Sand & Shale	1200	1278
Red Shale	1278	1315
Sand Rock & Red Shale	1315	1345
Sand Rock & Shale	1345	1390
Anhydrite & Shale	1390	1404
Hard Sand & Anhydrite	1404	1428
Anhydrite & Shale	1428	1457
Anhydrite, Gyp & Shale	1457	1500
Anhydrite & Gyp	1500	1505
Salt & Anhydrite	1505	2410
Salt & Strks. Anhydrite	2410	2510
Salt & Anhydrite	2510	2528
Anhydrite	2528	2528
Anhy. & Strks. Sticky Shale	2528	2528
Anhydrite	2528	2730
Anhydrite	2730	2770
Anhydrite & Lime TOP LIMS 2730	2770	2805
Lime Strks. Anhydrite	2805	2800
Lime & Anhydrite	2800	2800
Anhydrite & Strks. Lims	2800	2805
Anhydrite & Lime	2805	2874
Anhy. / Strks. of Shale	2874	3004
Anhydrite & Shale	3004	3115
Anhydrite & Lime	3115	3154
Anhydrite & Shale	3154	3180
Anhy. Shale & Gravel OIL 3180-35	3180	3202
Anhydrite & Shale	3202	3202
Anhydrite	3202	3202
Anhydrite & Streaks of Shale	3202	3200
Anhydrite & Shale	3200	3205
Anhydrite	3205	3734
Sand G S	3734	3738
Anhydrite	3738	3804
Anhydrite & Lime	3804	3800
Anhydrite	3800	3905
Anhydrite & Lime	3905	3920
Lime & Anhydrite	3920	3945
Lime OIL	3945	3980
Lime	3980	3972
Lime OIL 3972	3972	3976
Lime	3976	4005
Colomite	4005	4005
Lime Colomite	4005	4007
Sand Lime	4007	4105
Lime	4105	4105
Sandy Lime	4105	4220

