

(SUBMIT IN TRIPLICATE)

Land Office Las Cruces, New Mex.

Lease No. 032233-A

Unit .....

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

B. A. Bowers - 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.....	SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....	X
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)

August 4, 1947

Well No. A-3 is located 330 ft. from N line and 330 ft. from E line of sec. ....

$N\frac{1}{2}$  of  $N\frac{1}{2}$  of

Section 29

( $\frac{1}{4}$  Sec. and Sec. No.)

18-S

(Twp.)

38-E

(Range)

N.M.P.M.

(Meridian)

Hobbs

(Field)

Lea

(County or Subdivision)

New Mexico

(State or Territory)

The elevation of the derrick floor above sea level is 3644 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)

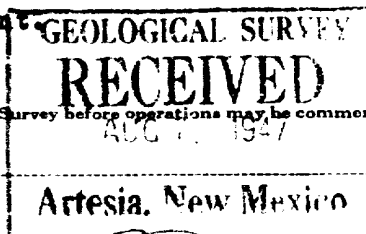
Killed well, took strain on casing which was not parted. Set Baker bridge plug and 7" casing at 3925, circulated and found numerous holes in casing. Perforated 7" casing at 2550'. Ran retainer set at 2545. Reversed circulation and got good returns. Pulled retainer out of hole and perforated casing at 2400'. Circulated gas pockets out of hole and cemented between 7" & 9-5/8" casing. Drilled cement and retainer and bridge plug. Ran Baker bridge plug and set at 3945'. Released drill pipe, circulated hole, laid down drill pipe and ran ~~74 fts.~~ of 5 1/2" casing. Drilled cement. Displaced water with mud and drilled Baker plug. Pulled 2" tubing and ran 143 fts. 2" tbg set at 4201. Swabbed well in after 5 1/2 hrs. Flowed & cleaned in pits for 4 hours. Tested well through 21/64" choke & flowed 15 barrels per hour. Cemented 5 1/2" casing at 3941 feet with 250 sacks of cement.

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 Co.

Address Box 1600

Midland, Texas



By [Signature]

Title Division Chief Clerk

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Las Cruces, New Mex.  
Lease No. 032233-A  
Unit B. A. Bowers - 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 <del>REPAIR</del> 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)

June 27, 1947

Well No. A-3 is located 330 ft. from [N] line and 330 ft. from [E] line of sec. \_\_\_\_\_  
W<sub>1</sub> of W<sub>2</sub> of  
Section 29 18-S 38-E N.M.P.M.  
(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)

1. Kill well with light Bentonite mud containing fibrous material.
2. Pull tubing and packer.
3. Set bridge plug near bottom of 7" casing.
4. Run Retrievable Retainer to check 7" casing for leaks. If found to be leaking, drill well to approximately 585' sub sea, run 5 $\frac{1}{2}$ " casing to total depth and perforate as determined by electric log. 5 $\frac{1}{2}$ " casing to be cemented back to surface in two stages.

T. D. 4204  
7" casing at 3960  
Elevation 3644

GEOLOGICAL SURVEY  
RECEIVED

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 Co.

Address Box 1600

Midland, Texas

By

Title Assistant Division Superintendent

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

U.S. Land Office Las Cruces

Serial Number 052205

Lease or Permit 107078

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT RECORD OF SHOOTING	<input checked="" type="checkbox"/>
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)

McGuire, Texas 4-14, 1924

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

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

Well No. 3 303  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

The well is located 350 ft. N of 2 line and 350 ft. E of 2 line of sec. 1 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 with 1000 gallons of acid -3-31-34.  
Tested well 4-12-34 test showed 6998 barrels thru tubing, giving  
a new potential of 18,200 bbls.  
even million cu. feet of gas.

Approved April 23, 1934.  
(Date)

Supervisor Oil & Gas Operations

Title T. G. Taylor, Engineer  
GEOLOGICAL SURVEY

Address Roswell, New Mexico.

Company Bumble Oil & Refining Co.

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

Address McGuire, Texas.

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

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Serial Number 052225-  
Lease or Permit 10078

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>work</del> <u>drill</u> <u>well</u>	SUPPLEMENTARY WELL HISTORY

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

McGuoy, Texas. April 5, 1924

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. 1-3 W<sub>1</sub> of W<sub>1</sub> Sec. 29 18-South 38-West  
( $\frac{1}{4}$  Sec. and Sec. No.) (Twp.) (Range) (Meridian)

The well is located 330 ft. N of S line and 330 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.)

Present Potential 15,637  
Gas Oil Ratio 740  
Amount of Acid 1,000 gallons  
Treated by Chemical Process Company

Treat to increase the potential.

Approved April 15, 1924.  
(Date)

Supervisor Oil & Gas Operations

Title T. G. Taylor, Engineer  
GEOLOGICAL SURVEY

Address Roswell, New Mexico.

Company Humble Oil and Refining Company

By [Signature]

Title Div. Pet. Engineer.

Address \_\_\_\_\_

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

**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	
NOTICE OF INTENTION TO DEEPEN WELL	<b>To Treat with Acid</b>

Mr. T. Taylor Hobbs PLACE 3-20-34  
~~XXXXXXXXXXXX~~ ~~State Geologist~~  
Landman U. S. Geological Survey  
Roswell, New Mexico  
 Following is a notice of intention to do certain work as described below at the

Well No. 8 in SW Quarter  
Humble Oil & Refg. Co. LEASE B. A. Bowers A N. M. P. M.  
 of Sec. 29 18 38 Hobbs  
 Oil Field, Lea County.

#### DETAILS OF PROPOSED PLAN OF WORK

Present Potential . . . . . **15637**  
 Gas Oil Ratio . . . . . **740**  
 Amount of Acid . . . . . **1000 gallons**  
 Treated by **Chemical Process Company**

**Treat to increase the potential**

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

*Humble Oil & Ref Co*  
COMPANY OR OPERATOR  
 By Robert S. Bowers  
 Position Gen. Mgr.  
 Send communications regarding well to  
 Name \_\_\_\_\_  
 Address \_\_\_\_\_

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

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSerial Number **032233**  
Lease or Permit **R. 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	<b>X</b>	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)

**McCahey, Texas - August 16th, 1920**Following is a ~~notice of intention to do work~~  
report of work done } on land under ~~lease~~ described as follows:**New Mexico****Lea****Hebbs**

Well No. **A-5** **W $\frac{1}{2}$  of W $\frac{1}{2}$  Sec 29** **18 South Range 38** **East**  
(State or Territory) (County or Subdivision) (Field)  
( $\frac{1}{4}$  Sec. and Sec. No.) (Twp.) (Range) (Meridian)

The well is located **350** ft. **N** of **8** line and **350** ft. **E** of **W** line of sec. **W $\frac{1}{2}$  of W $\frac{1}{2}$  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.)

Set and cemented 3960' of 7" casing with shoe at 3960' using  
 300 sacks of S. O. W. cement, August 7th, 1920 - Drilled plug  
 and made 2' and bailed well down 500' and it blew out, volume  
 estimated at 4,000,000 Cu. Ft. This was quickly expended and  
 well tested satisfactory August 15th, 1920

NOTE: The 7 inch on this well was run and set prior to approval of casing  
 point by Roswell office of U.S.G.S. Company **Humble Oil & Refining Co.**  
 Approved **August 21, 1920**

**E. A. Hanson**

By

Title

**Deputy Supervisor**Title **Division Superintendent**

Address

**Roswell, New Mexico**

Address

**Box 938 - McCahey, Texas**

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

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Serial Number .....

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 .....	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)

Oil and Gas

Lease, Section 30, Twp. 11 N., R. 10 E., 192

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

State of Texas (State or Territory) Lea (County or Subdivision) Field (Field)  
Well No. 100 (1/4 Sec. and Sec. No.) 11 (Twp.) 10 (Range) 10 (Meridian)

The well is located 330 ft. N of 10 line and 330 ft. E of 10 line of sec. 10

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.)

100 -  
Set and cemented 2730' of 3 1/2" casing with shoe at 2730', using 330 sacks cement, June 11, 1930. Drilled plug below casing dry. Test satisfactory June 13, 1930.

100 -  
Set and cemented 2730' of 3 1/2" casing with shoe at 2730', using 330 sacks cement, June 11, 1930. Drilled plug and below casing dry. Test satisfactory June 13, 1930.

Approved \_\_\_\_\_  
(Date)

Company Lea Oil & Gas Co.

By \_\_\_\_\_  
Division 10

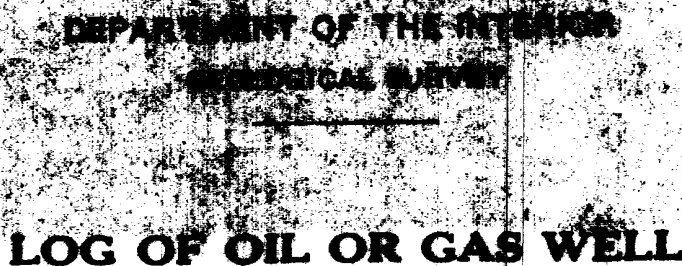
Title \_\_\_\_\_  
GEOLOGICAL SURVEY

Title \_\_\_\_\_

Address \_\_\_\_\_

Address Lea, Texas

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



1999

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.

**COPY ORIGINAL SIGNED: F. S. SEELEY**

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

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

## IMPORTANT WATER SANDS

## CASING RECORD

[illegible]



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NAME		RANK		COMPONENT		STATION	
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11	...	...	...	...	...	...	...

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSerial Number **032233**  
**B. A. Bowers**  
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		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)

**McCamey, Texas** June 19, 1930, 192Following is a ~~notice of intention to drill~~ ☒ report of work done on land under ~~possess~~ ☒ lease described as follows:

<b>New Mexico</b>	<b>Lea</b>	<b>Hobbs</b>
(State or Territory)	(County or Subdivision)	(Field)
Well No. <b>A-3</b>	<b>W<math>\frac{1}{2}</math> of W<math>\frac{1}{2}</math> Sec. 29</b>	<b>19-South</b>
	( $\frac{1}{4}$ Sec. and Sec. No.)	(Twp.)
		<b>Range 38-East</b>
		(Range)
		(Meridian)

The well is located **330** ft. ☒ N of **S** line and **330** ft. ☒ E of **W** line of sec. **W $\frac{1}{2}$  W $\frac{1}{2}$  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.)

Set and cemented 2736' of 9 5/8" casing with shoe at 2750' and cemented, using 250 sacks cement, June 11, 1930. Drilled plug and bailed casing dry, same tested satisfactory, June 18, 1930.

Approved **June 26, 1930**  
(Date)**E. A. Hanson**Title **Deputy Supervisor**Address **Roswell, New Mexico**Company **Humble Oil and Refining Co.**By **STANLEY DAVIS IRAMU**Title **Divid on Sup't.**

Address \_\_\_\_\_

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

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Serial Number 032255

Lease or Permit RECEIVED

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	X	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)

McComey, Texas. May 7, 1930, 192

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. 3 W $\frac{1}{4}$  of W $\frac{1}{4}$  Sec. 29 18-South 38-East  
( $\frac{1}{4}$  Sec. and Sec. No.) (Twp.) (Range) (Meridian)

The well is located 330 ft. [N] of S line and 330 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 and cemented 300' of 13 1/2" casing using 300 sacks cement, April 29, 1930. Test was satisfactory.

XXXXX Note: Show method of testing shut-off on future well jobs.

Approved May 10, 1930.  
(Date)  
E. A. Hanson

Title Deputy Supervisor  
GEOLOGICAL SURVEY

Address Roswell, New Mexico

Company Humble Oil & Refining Co.

COPY SIGNED DAVID T. ADAMS  
Title Division Sup't.

Address McComey, Texas.

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

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Serial Number **032233**  
Lease or Permit **B. A. Bowers**

**SUNDY NOTICES AND REPORTS ON WELLS**

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	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)

**McCamey, Texas. April 9, 1930, 192**

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

**Federal Bowers** W 1/2 of Lea **Hobbs**  
(State or Territory) (County or Subdivision) (Field)  
Well No. **3** W 1/2 Sec. 29 18-South 38 East  
(1/4 Sec. and Sec. No.) (Twp.) (Range)

The well is located 330 ft. N of S line and 330 ft. E of W line of sec. W 1/2 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.)

12 1/2" - 50' - 200' through water sand with 180 sacks cement  
9 5/8" - 36' - 2750' on top of brown lime with 600 sacks cement  
7" - 26' - 3960' on top of white lime with 600 sacks cement

Approved April 12, 1930

Company Humble Oil & Refining Co.

B. A. Bowers

G. A. Hanson

Title Deputy Supervisor  
GEOLOGICAL SURVEY

Title Division Sup't.

Address Roswell, New Mexico.

Address McCamey, Texas.

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

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. D. 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 inch casing to be set at top of productive oil horizon, or at a point to be mutually agreed upon between the Deputy Supervisor and Geological Department of the Company.

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Serial Number

Lease or Permit

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	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)

February, 1926

Following is a ~~notice of intention to do work~~ <sup>notice of intention to do work</sup> on land under ~~permit~~ <sup>lease</sup> described as follows:

Well No. 3 (State or Territory) W 1/2 of (County or Subdivision) 13-20-20 (Field)  
W 1/2 Sec. 29 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

The well is located 330 ft. N of 1/2 line and 330 ft. E of 1/2 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 mudlogging jobs, cementing points, and all other important proposed work.)

1. 1" - 30' - 200' through water zone with 150 mesh sand  
2. 5/8" - 36' - 2750' on top of brown li. with 600 mesh sand  
3. 7/8" - 26' - 3960' on top of li. with 600 mesh sand

Approved \_\_\_\_\_ (Date)

Company \_\_\_\_\_

By \_\_\_\_\_

Title \_\_\_\_\_

Title \_\_\_\_\_

Address \_\_\_\_\_

Address \_\_\_\_\_

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

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSerial Number **032233**Lease ~~on~~ **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	<b>X</b>	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)

CORRECTED REPORT**McComey, Texas. August 26, 1930**, 192

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

**New Mexico** **Lea** **Hobbs**  
(State or Territory) (County or Subdivision) (Field)  
 Well No. **A-5** **W $\frac{1}{2}$  of W $\frac{1}{2}$  Sec. 29** **18-South** **36-East**  
( $\frac{1}{4}$  Sec. and Sec. No.) (Twp.) (Range) (Meridian)

The well is located **330** ft. **N** of **S** line and **330** ft. **E** of **W** line of sec. **W $\frac{1}{2}$  W $\frac{1}{2}$  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.)

REPORT OF JUNE 18th READ -

Set and cemented 2736' of 9 5/8" casing with shoe at 2750', using 250 sacks cement, June 11, 1930. Drilled plug bailed casing dry. Same tested satisfactory June 18, 1930.

REPORT SHOULD HAVE READ -

Set and cemented 2736' of 9 5/8" casing with shoe at 2750', using 650 sacks cement, June 11, 1930. Drilled plug and bailed casing dry. Same tested satisfactory June 18, 1930

Approved **August 28, 1930****E. J. Hanson**Title **Deputy Supervisor**  
GEOLOGICAL SURVEYAddress **Roswell, New Mexico**Company **Humble Oil & Refining Co.**By **CRANE**Title **Division Sup't.**Address **McComey, Texas.**

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

GEOLOGICAL SURVEY OFFICE U. S. DEPT. OF THE INTERIOR

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