

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. S. Land Office **Las Cruces**

Lease or permit No. **XXXX B.A. Bowers**

032233(a)

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
NOTICE OF INTENTION TO ABANDON WELL	
To plug back & recompleat as gas well	

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

Well No. **A-1** is located ¹⁹⁸⁰~~660~~ ft. from **N** line and **660** ft. from **E** line of sec. **30**
SE 1/4 Sec. 30 **18-South** **38-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)

Kill the well with water in order to pull tubing and set cement retainer in bottom of 7" casing, and squeeze cementing open hole below the casing. Bail casing dry and test for shut-off. Gun perforate 7" casing from 3670' to 3700' opposite gas horizon. Re-run tubing through blow-out preventer and hook up well to produce gas. To use gas as needed for domestic and gas lift purposes, in the Hobbs Field.

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

Title **Division Superintendent**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. S. Land Office Las Cruces
Lease or permit No. B. A. Powers

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	NOTICE OF INTENTION TO TEST WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	NOTICE OF INTENTION TO STOPPING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	NOTICE OF INTENTION TO ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	NOTICE OF INTENTION TO RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	NOTICE OF INTENTION TO ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	NOTICE OF INTENTION TO PULL OR ALTER CASING	
NOTICE OF INTENTION TO ABANDON WELL	NOTICE OF INTENTION TO ABANDON WELL	
	NOTICE OF INTENTION TO PUMPING BACK	
	NOTICE OF INTENTION TO GAS WELL	X

(INDICATE ABOVE BY CHECK, SIGNATURE OR INITIALS, AND OTHER DATA)

Midland, Texas December 3, 1941

Well No. A-1 is located 640 ft. from N line and 200 ft. from E line of sec. 30
22/4
(1/4 Sec. and Sec. No.)
Hobbs
(Field)
Midland
(County or Subdivision)
New Mexico
(State or Territory)

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

DETAILS OF WORK

(State names of and expected depths to objectionable layers, gas, water, and other formations; indicate mudlogging jobs, cementing, etc.)

Killed well with water. Pulled 3" tubing and set Robertson cement retainer in 7" casing at 3907. Cemented below retainer with 150 lb. cement, leaving 18" of cement on top of retainer. Gun perforated 7" casing with 18 shots spaced from 3820' to 3702', but found no gas. Perforated at 3' intervals from 3711 to 3725 and picked up gas zone 3715 to 3725. Perforated from 3715 to 3725 with 15 2 1/2" shots. Ran 3715' of 3" tubing. Put on Christmas tree and attempted pressure test but could not get accurate reading because choke froze. Put on 6 1/2" Borden Valve Regulator in 3" tubing at 3845'. Tested well at various rates from one to four million cubic feet per day with pressure varying from 660 lbs to 680 lbs with no evidence of freezing.

APPROVED

DISTRICT ENGINEER

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

Company Humble Oil & Refining Company

Address Box 1600

Midland

Division Superintendent

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Las Cruces

Serial Number 032235-A

Lease 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	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)

McCamay, Texas. November 18, 1930, 192

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. A-1 SE¹ Sec. 30 18-South 38-East
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

The well is located 660 ft. N of N line and 660 ft. E of E line of sec. SE¹ Sec. 30

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.)

Well deepened from 4106' to 4215'. No additional casing or liner set. No increase in production as a result of deepening well.

Started Rigging Up: 10-27-30

Drilling 11-2-30

Finished Drilling: 11-3-30

*APPROVAL CONDITIONED on submission to this office of three signed copies of supplementary log on form 9-330, covering only the additional work done since original log report.

*Approved November 24, 1930 Company Humble Oil & Refining Co.
(Date)

Ernest A. Hanson

Ernest A. Hanson

Title Deputy Supervisor
GEOLOGICAL SURVEY

Title Division Sup't.

Address Roswell, New Mexico.

Address McCamay, Texas

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

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

NOV 2 1930

Serial Number

Los Angeles

000000-4

E. A. Hanson

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT 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, REVIEW, OR OTHER DATA)

McCombs, Texas, October 21, 1930, 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-1 SE 1/4 Sec. 30 10-Range 20-East
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

The well is located 600 ft. N of E line and 600 ft. E of E line of sec. SE 1/4 Sec. 30

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.)

We expect to deepen this well 200' from 400' to 600' to increase production.

No additional casing or liner to be set.

Approved November 5, 1930

E. A. Hanson

Title Deputy Supervisor

Address Roswell, New Mexico

Company Mobile Oil & Refining Company

By

Title

Address

Division Sup't.

McCombs, Texas

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

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. S. Land Office Las Cruces
Serial Number 032233-1
Lease 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	NOTICE OF INTENTION TO ABANDON WELL
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO work <u>treat</u>	<input checked="" type="checkbox"/> SUPPLEMENTARY WELL HISTORY

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

McCombey, Texas, February 8, 1934, 19

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

New Mexico Lea Hobbs
State or Territory (County or Subdivision) (Field)
Well No. -1 NE 1/4 Sec. 30 18-South 38-East
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

The well is located 660 ft. N of N line and 660 ft. E of E line of sec. 30 Sec. 30
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.)

to treat with 1000 gallons of acid from 4020' to 4215' total acc th.
in a formation. Dowell Incorporated, Contractors.

Approved February 12, 1934
Date

Company Marble Oil & Refining Company

Title E. C. Taylor - Engineer

By _____

Title Division -

Address Roswell, New Mexico

Address Lea, Tex.

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

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. S. Land Office Las Cruces

Serial Number 032233A

Lease ~~EX-105~~ 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	
Notice of Intention to Gas Lift	X		

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

Midland, Texas, August 31, 19 36

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

New Mexico (State or Territory) Lee (County or Subdivision) Hobbs (Field)
Well No. A-1 SE/4 of Sec. 30 18-S 38-E
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

The well is located 660 ft. N of S line and 660 ft. E of W line of sec. SE/4 Sec. 30

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.)

To install high pressure separator on Humble Federal Bowers A-1 and to use the gas produced with the oil from this well as a gas supply to gas lift wells on Humble property which are making sufficient water with the oil to require agitation with pumping equipment, or periodic swabbing to maintain continuous oil production. In order to conserve gas, it is contemplated to use the proper size flow string or flow valves or both. At present Humble State A-2 and A-3 are on the pump. Humble State A-1 and Federal Bowers B-2 are now making water and will require pumping equipment or gas lift within the immediate future. As other wells go to water they will need to be pumped or gas lifted.

Approved _____
(Date)

Company Humble Oil & Refining Company

By _____

Title _____
GEOLOGICAL SURVEY

Title Division Superintendent

Address _____

Address Drawer M, Midland, Texas

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

GEOLOGICAL SURVEY
RECEIVEDDEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSerial Number 032255ALessor W. H. Bowers

SEP 3 1936

ROSWELL, NEW MEXICO SECONDRY 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
Notice of Intention to Gas Lift <u>X</u>	

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

Midland, Texas, August 31, 1936

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

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

Well No. A-1 SE/4 of Sec. 30 18-S 38-E
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

The well is located 660 ft. N of S line and 660 ft. E of E line of sec. SE/4 Sec. 30.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.)

To install high pressure separator on Humble Federal Bowers A-1 and to use the gas produced with the oil from this well as a gas supply to gas lift wells on Humble property which are making sufficient water with the oil to require agitation with pumping equipment, or periodic swabbing to maintain continuous oil production. In order to conserve gas, it is contemplated to use the proper size flow string or flow valves or both. At present Humble State A-2 and A-5 are on the pump. Humble State A-1 and Federal Bowers B-2 are now making water and will require pumping equipment or gas lift within the immediate future. As other wells go to water they will need to be pumped or gas lifted.

*Approved with the understanding that only gas produced with oil shall be used, and that no dry gas from horizons valuable only for dry gas shall be used.

*Approved September 8, 1936Ernest A. Hanson

ERNEST A. HANSON

Title Deputy Supervisor

GEOLOGICAL SURVEY

Address Roswell, New MexicoCompany Humble Oil & Refining CompanyW. H. BowersTitle Division SuperintendentAddress Drawer W, Midland, Texas

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

GOVERNMENT PRINTING OFFICE 16-7028

(SUBMIT IN TRIPLICATE)
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. S. Land Office **Las Cruces**
Lease or permit **100000-1-1-100000**

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
NOTICE OF INTENTION TO ABANDON WELL	

To plug back & recompleat as gas well

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

Midland, Texas **Oct. 9, 1949**

Well No. **2-1** is located **660** ft. from **N** line and **660** ft. from **E** line of sec. **36**
34 1/4 (Twp.) **18** (Range) **30** (Meridian)
Hobbs (Field) **1st** (County or Subdivision) **New Mexico** (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)

Fill the well with water in order to pull tubing and set cement retainer in bottom of 7" casing, and squeeze cementing open hole below the casing. Pull casing dry and test for shut-off. Run perforate 7" casing from 3670' to 3700' opposite gas horizon. Run tubing through blow-out preventer and hook up well to produce gas. To use gas as needed for domestic and gas lift purposes, in the Hobbs Field.

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

Company **Hobbs Oil & Refining Company**
Address **Box 1600**
Midland, Texas
By **JOHN S. ...**
Title **Division Superintendent**