

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office _____
Lease No. _____
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..... | X | 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..... | | | |

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

August 18, 1947

Well No. 1-11 is located 660 ft. from N line and 660 ft. from E line of sec. 29
SW/4 of SW/4 of Sec. 29 18-2 38-2
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Bowers Lee New Mexico
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 3646 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)

| Size | Amount | Weight | Set at | Formation | Total Depth | No. Sacks | Flag on |
|--------|--------|--------|--------|-------------|-------------|-----------|----------|
| 5 1/2" | 1120' | 112' | 1120' | Top of Sand | 1120' | 1120 on | 11200 ft |
| | | | | | | Long Star | 3-16-47 |
| | | | | | | Regular | |

Halliburton Method used.
Circulated and pumped out approximately 250 sacks cement.
Will test casing with 1200# pressure at 11 AM 8-15-47.

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

Company Bumble Oil & Refining Co.

Address Box 1400

Midland, Texas

By [Signature]
Division Superintendent

Title _____

N2

Place Hobbs, New Mexico
Date August 22, 1947

Glenn Staley
Proration Office
Hobbs, New Mexico.

Designate UNIT well is located in

| | | | |
|---|---|---|---|
| | | | |
| D | C | B | A |
| E | F | G | H |
| L | K | J | I |
| M | N | O | P |

NOTICE OF COMPLETION OF: (Lease) Federal Reserve A Well No. 14
660 feet from South line: 660 feet from East line;
Section 20 Township 10-S Range 20-E.

DATE STARTED 8-7-47
DATE COMPLETED 8-12-47
ELEVATION 5442
TOTAL DEPTH S.L. 5171
CABLE TOOLS _____ ROTARY TOOLS Yes

CASING RECORD

| | | |
|--------------------|--------------------|------------------------|
| SIZE <u>2-3/8"</u> | DEPTH <u>426'</u> | SAX CEMENT <u>400</u> |
| SIZE <u>2-3/8"</u> | DEPTH <u>5120'</u> | SAX CEMENT <u>1800</u> |
| SIZE _____ | DEPTH _____ | SAX CEMENT _____ |

TUBING RECORD

SIZE 2" DEPTH 5142'

ACID RECORD

NO. GALS NONE
NO. GALS _____
NO. GALS _____

SHOT RECORD

NO. QTS. _____
NO. QTS. _____
NO. QTS. _____

FORMATION TOPS

| | | |
|-------------|---------------------|-------------|
| | Anhydrite | <u>1400</u> |
| | Top Salt | _____ |
| | Base Salt | <u>2720</u> |
| Brown Lime | XXXXXXXX | <u>2720</u> |
| Bowers Sand | XXXXXXXX | <u>3142</u> |
| | White Lime | _____ |
| | Oil or Gas Pay | _____ |
| | Water | _____ |

Initial Production Test _____ Pumping _____ Flowing 15 bbl/hr.
Test After Acid or Shot 216 bbl/day based on last 3 hrs. of 4-hr test through
1" choke, 600 1800

Initial GAS VOLUME 397 MCF/day

SCHEDULE NO. _____ DATE _____

PIPE LINE TAKING OIL Humble Pipe Line Company

REMARKS _____ COMPANY Humble Oil & Refining Company

SIGNED BY: GL Staley

(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 | <input checked="" type="checkbox"/> |
| 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 | | |

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

August 19, _____, 19 47.

Well No. A-11 is located 660 ft. from SW line and 660 ft. from EW line of sec. 29

SW 1/4 of SW 1/4 of Sec. 29 18-S 38 36-E
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Bowers
(Field)

Lea
(County or Subdivision)

New Mexico
(State or Territory)

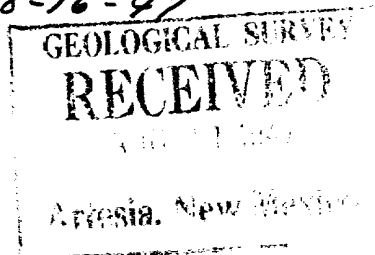
The elevation of the derrick floor above sea level is 3646 ft.

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)

Tested $5\frac{1}{2}$ " casing with 1200# pressure at 11 AM 8-18-47 for 30 minutes. Tested OK. Drilled plug at 11:30 AM 8-18-47 with 1200# pressure on casing and formation. No pressure drop in 30 minutes.

5 1/2" cmt. @ 20' w/ 1350 rax 8-16-47



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 RS Denny
Title Acting Assistant Division Supt.

(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

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

August 11, 19 47

Well No. A-14 is located 660 ft. from N line and 660 ft. from W line of sec. 29

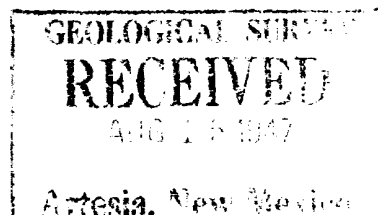
S. 1/4 of S. 1/4 of Sec. 29 18-S 38-E
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Bowers Lea New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 3646 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)

8-5/8" casing cemented at 496' with 400 sacks on 8-8-47.
Tested 8-5/8" casing with 1000# pressure for 30 minutes at 12:00 noon 8-9-47.
Tested O.K. Drilled out plug at 5:00 PM 8-9-47, and tested casing. Formation took fluid at 600# pressure.



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 RS Dewey

Title Division Petroleum Engineer

(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

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| NOTICE OF INTENTION TO ABANDON WELL..... | | | |

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

August 9, 1947

Well No. A-14 is located 660 ft. from S line and 660 ft. from W line of sec. 29
SW/4 of SW/4 of Sec. 29 18-S 38-E
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Bowers Lea New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 3646 ft.

DETAILS OF WORK

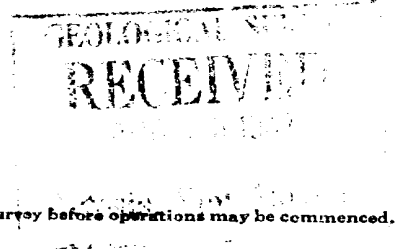
(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Spudded 11" surface hole at 1:30 PM 8-7-47. Set 8-5/8" casing as follows:

| Size | Amount | Weight | Set at | Formation | Total Depth of well | No. Sacks Make Cem | Plug on Bottom |
|--------|--------|--------|--------|-----------|------------------------|-----------------------|----------------------|
| 8-5/8" | 485' | 36# | 496' | Red Beds | 505' | 400 sx | 12:00 Noon 8-8-47 |

Halliburton Method used.

Will test casing with 1000# pressure at 12:00 noon 8-9-47.
Circulated and pumped out 150 sacks excess 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 PS Dewey

Title Division Petroleum Engineer

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

Land Office Las Cruces, N. M.
Lease No. 31029 Permit
#032233-A
Unit _____
B. A. Bowers "A" (Federal)

SUNDRY NOTICES AND REPORTS ON WELLS

| | | | |
|--|-------------------------------------|--|--|
| NOTICE OF INTENTION TO DRILL | <input checked="" type="checkbox"/> | SUBSEQUENT REPORT OF WATER SHUT-OFF | |
| NOTICE OF INTENTION TO CHANGE PLANS | | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING | |
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| 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, August 6, 1947.

Well No. A-14 is located 660 ft. from N line and 660 ft. from E line of sec. 29

SW/4 of SW/4 of Sec. 29 18-S 38-E
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

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

The elevation of the derrick floor above sea level is 3646 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)

CASING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT | NEW OR SECOND-HAND | DEPTH | LANDED OR CEMENTED | SACKS OF CEMENT | METHOD OF CEMENTING |
|--------------|----------------|--------|--------------------|-------|--------------------|-----------------|---------------------|
| 11" | 8-5/8" | 36# | New | 500' | Cemented | 200 | Halliburton |
| 7-5/8" | 5-1/2" | 14# | " | 3200' | " | 1000 | " |

The 8-5/8" casing will be cemented to the surface. The cement around the 5-1/2" casing will extend into the 8-5/8" surface casing.

Intend to test Bowers Sand at an approximate depth of 3250'.

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

GEOLOGICAL SURVEY
RECEIVED

Artesia, New Mexico

By [Signature]
Title Division Chief Clerk