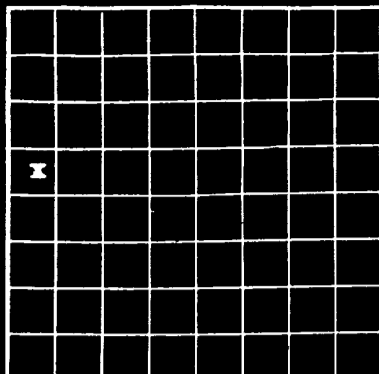


U. S. LAND OFFICE **Roswell**
SERIAL NUMBER **032233 - A**
LEASE OR ~~Mineral Rights~~
Federal Bowers A

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Humble Oil And Refining Co.** Address **Midland, Texas**
Lessor or Tract **Federal Bowers** Field **Bowers** State **New Mexico**
Well No. **A-7** Sec. **29** T. **19S** R. **38E** Meridian _____ County **Lea**
Location **2970** ft. {N.} of **S** Line and **330** ft. {E.} of **W** Line of **W/2 W/2** Sec **29** Elevation **3651**
(Derrick floor relative to sea level)

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 _____
Title **Division Superintendent**

Date **APRIL 10, 1947**

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

Commenced drilling **February 28,** 19**47** Finished drilling **March 13,** 19**47**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3185** to **3200** 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

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
12 1/2"	50	8	Matl.	231	Larkins				
9 5/8"	26	8	"	2759	"				
7"	22	10 1/2	"	3090	"				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
12 1/2"	231	250 Sacks cement	Ball.		
9 5/8"	2759	650 Sacks cement	"		
7"	3104	100 "	"		

PLUGS AND ADAPTERS

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

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from **0** feet to **3200** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

See Attached Sheet, 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, °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

L. M. Black, Driller **Huddleson**, Driller

R. R. Fraysher, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	31		Caliche
31	101		Caliche & Sand
101	104		Flint Rock
104	107		Sandy Flint Rock
107	115		Sand
115	116		Flint Rock
116	209		Sand
209	250		Red Bed
250	275		Red Beds
275	570		Red Beds & Streaks of Shell
570	743		Red Beds & Streaks of Sand
743	913		Red Beds
913	1159		Red Beds & Sand
1159	1161		Sand Rock
1161	1171		Sand Rock, Red Bed and Shale
1171	1274		Sand Rock and red Bed
1274	1341		Sand Streaks and Red Bed
1341	1351		Sand and Anhy.
1351	1361		Anhy.
1361	1367		Red Beds
1367	1400		Red Beds & Streaks Anhy.
1400	1422		Shale & Anhy.
1422	1538		Anhy.

(OVER)

16-4864-1

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
1538	1564		Anhy. & Gyp
1564	1593		Anhy. & Gyp & streaks of Salt
1593	1920		Salt & Anhy.
1920	2040		Salt & Streaks of Anhy.
2040	2572		Salt & Anhy.
2572	2617		Anhy. & salt streaks
2617	2666		Anhy. and salt
2666	2697		Anhy.
2698	2734		Anhy. & Strks. Lime
2734	2750		cryst. Lime & Strks. Anhy.
2750	2875		Anhy. Lime White
2875	3075		Anhy. and Lime
3075	3110		Lime & Anhy.
3110	3200		Anhy. & Lime

HISTORY OF OIL OR GAS WELL

16-43004-1 U. S. GOVERNMENT PRINTING OFFICE

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Note: This well was drilled to 2750' in 1930 and was temporarily abandoned.

It has just been deepened to the Bowers Pay.

G/L

HUMBLE OIL & REFINING COMPANY
HOUSTON 1, TEXAS

COPY

PRODUCTION TEST

Flowed well in tank 3 hours. Made 89 bbls. PLO, GOR 562,
Corr. gravity 42.

Place Hobbs, New Mexico
Date March 14, 1947

JRP

Glenn Staley
Operation Office
Hobbs, New Mexico

Designate UNIT well is located in
7th

UNIT OF COOPERATION OF: (Lease) Federal Reserve 1 Well No. 7
2700 feet from South line; 500 feet from West line;
Section 25 Township 15-South Range 37-East

DATE STARTED 2-22-47
DATE COMPLETED 2-13-47
ELEVATION 5000
TOTAL DEPTH S.I. 5000
CABLE TOOLS TOTAL TOOLS Yes

CASING RECORD

DEPTH	<u>7th</u>	DEPTH	<u>5100</u>	CAS. JOINT	<u>200</u>
DEPTH	<u> </u>	DEPTH	<u> </u>	SAZ. JOINT	<u> </u>
DEPTH	<u> </u>	DEPTH	<u> </u>	CAS. JOINT	<u> </u>

TUBING RECORD

DEPTH	<u>5th</u>	DEPTH	<u>5100</u>
-------	-----------------------	-------	-------------

LOG RECORD

NO. GALS.
NO. GALS. 5000
NO. GALS.

SHOT RECORD

NO. GTS.
NO. GTS. 5000
NO. GTS.

FORMATION LOG

Anhydrite	<u>1010</u>
Top Salt	<u>1000</u>
Base Salt	<u>2070</u>
Red Sand	<u> </u>
Brown Lime	<u>2700</u>
White lime	<u> </u>
Oil or Gas lay	<u> </u>
Water	<u> </u>

Initial Production Test 400-250/day Pumping Flowing 60 bbls on 3-hr. Test.
Test After Acid or Shot based on the last three hours of a 3-hr test

Initial GAS VOLUME Cor. G. 42.4

DATE

DATE

COMPANY: Humble Oil & Refining Company

SIGNED BY:

(SUBMIT IN TRIPLICATE)

Land Office Artesia, New Mexico

Lease No. 032233-A

Unit _____

B.A. Bowers (Federal)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 WELL <input checked="" type="checkbox"/>
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 March 18, 1947

Well No. A-7 is located 2970 ft. from N line and 330 ft. from W line of sec. _____

N/2 of N/2 of Sec. 29 18-S 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)

Drilled hole from 2750' to 3110'. Ran 3090' of 7" casing and cemented with 100 sacks. Ran temperature survey and found top of cement at 2640'. Cored from 3125' to 3150', 3150' to 3160', 3160' to 3185', and from 3185' to 3200'. Ran 3171' of 2" tubing set at 3182'. Connected up well; well kicked off and cleaned into pits for 2 hours and flowed in tank for 3 hours. Well made 59 barrels of pipe line oil with a gas-oil ratio of 562.

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 J. P. Henderson
Title Ass't. Division Superintendent

(SUBMIT IN TRIPLICATE)

Land Office Artesia, New Mexico

Lease No. Q32233-A

Unit _____

B.A. Bowers (Federal)

UNITED STATES

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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.....	X	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)

Midland, Texas March 5, 1947

Well No. A-7 is located 2970 ft. from N line and 330 ft. from W line of sec. _____

1/2 of 1/2 of Sec. 29 18-S 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)

SET CASING AS FOLLOWS:

SIZE	AMOUNT	WEIGHT	SET AT	FORMATION	TOTAL DEPTH OF WELL	NO. SACKS & MAKE CEMENT	PLUG ON BOTTOM
7"	3090.14'	22#	3104.17'	Lime and Anhydrite	3110'	100 sacks of Trinity Reg.	10:00 P.M. 3-4-47

Halliburton method used.

Will test casing with 1800# pressure on 3-7-47.

Temperature survey showed top of cement approximately 110' up in the 9-5/8" casing

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 J. P. Bowers
Asst.
Title Division Superintendent

GEOLOGICAL SURVEY
RECEIVED

Artesia, New Mexico

FEB 12 1947

(SUBMIT IN TRIPLICATE)

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.
Approval expires 11-30-46.

Lead Office Artesia, New Mexico

Case No. 032233-A

Unit B. A. Bowers (Federal)

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		INTERIM REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	<input checked="" type="checkbox"/>	INTERIM REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		INTERIM REPORT OF ARTISIAN CAPPING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	<input checked="" type="checkbox"/>	INTERIM REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		INTERIM REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		INTERIM WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, LOCATION, AND OTHER DATA)

Midland, Texas February 10, 1947

Well No. A-7 is located 2970 ft. from N S line and 330 ft. from N S line of sec. _____

W/2 of W/2 of Sec. 29 18-S 38-E
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Section)

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 objectives, and other pertinent data, including any special findings; indicate remodeling jobs, cementing operations, and all other important work.)

To deepen well from 2750' to an approximate depth of 3350' for completion as a Bowers Sand Well. To set a 7" oil string and cement it to the 9 5/8" casing set at 2750'. To set a string of 2" NUT tubing to total depth. Open hole producing method will be used. Original plans were to set approximately 800' of 7" liner from top of pay, extending into 9 5/8" casing approximately 150'.

GEOLOGICAL SURVEY

RECEIVED

FEB 12 1947

Artesia, New Mexico

I understand that this plan of work must receive approval in writing by the Division Superintendent of the Artesia District.

Company Humble Oil & Refining Company

Address Box 1600

Midland, Texas

By [Signature]
Division Superintendent

Las Cruces

Land Office Artesia, New Mexico

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 RE-DRILL OR REPAIR WELL	<input checked="" type="checkbox"/>	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 February 3, 1947

Well No. A-7 is located 2970 ft. from N line and 330 ft. from E line of sec.

W/2 of W/2 of Sec. 29 18-S 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)

To deepen well from 2750' to an approximate depth of 3350' for completion as a Bowers Sand well. To set approximately 800' of 7" liner from top of pay, extending into 9 5/8" casing approximately 150', cementing same to 9 5/8" casing, set at 2750'. To set a string of 2" EUE tubing to total depth. Open hole producing method will be used.

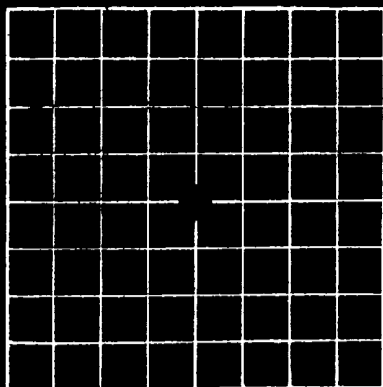
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Humble Oil & Refining Company

Address Box 1600

Midland, Texas

By L. H. [Signature]
Title Asst. Division Superintendent



DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Marathon Oil Co. Address Marathon, Texas
 Lessor or Tract Marathon Field Marathon State Texas
 Well No. 7 Sec. 9 T. 15 R. 39 Meridian _____ County Marathon
 Location 3774 ft. N. of _____ Line and 334 ft. E. of _____ Line of _____ Elevation _____
 (Through their relative to sea level)

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.

Date _____ Signed _____
Title _____

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

Commenced drilling 11-0, 19 11-1 Finished drilling 11-1, 19 11-1

OIL OR GAS SANDS OR ZONES

(Denote gas by (i))

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

IMPORTANT WATER SANDS

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

CASING RECORD

Size casting	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From	To	
12 1/2	32	5	100	100	100				
12 1/2	36			100	100				

MUDDING AND CEMENTING RECORD

Casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
1 1/2	1000	100	1000		
1 1/2	1000	100	1000		

PLUGS AND ADAPTERS

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
------	------------	----------------	----------	------	------------	-------------------

TOOLS USED

Rotary tools were used from _____ feet to _____ ~~7.2~~ feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing 19

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

Rock pressure lbs. per sq. in.

EMPLOYEES

FORMATION RECORD

MINERAL OIL & REFINING COMPANY
FEDERAL BOWERS A-9

Caliche	0	12
Caliche & Sand	1	12
Flint Rock	1	12
Sandy Flint Rock	1	12
Sand	1	12
Flint Rock	1	12
Sand	1	12
Red Bed	1	12
Red Bed	1	12
Red Bed & Struckin of Shell	1	12
Red Bed & Struckin of Sand	1	12
Red Bed	1	12
Red Bed and Sand	1	12
Sand Rock	1	12
Sand Rock, Red Bed & Shale	1	12
Sand Rock & Red Bed	1	12
Sand, Struckin & Red Bed	1	12
Sand & Anhydrite	1	12
Anhydrite	1	12
Red Bed	1	12
Red Bed & Struckin Anhydrite	1	12
Shale & Anhydrite	1	12
Anhydrite	1	12
Anhydrite & Gyp	1	12
Anhydrite & Gyp & Struckin. Salt	1	12
Salt & Anhydrite TOP SALT 1895	1	12
Salt & Struckin Anhydrite	1	12
Salt & Anhydrite	1	12
Anhydrite & Salt Struckin	1	12
Anhydrite & Salt	1	12
Anhydrite	1	12
Anhydrite & Struckin. Lime	1	12
Lime & Struckin. Anhydrite	1	12

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYJUL 3 1930
U. S. GEOLOGICAL SURVEY
ROSWELL, N. M.Number 032233-APermit B. A. Bowers
(Federal Bower)

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)

McCamy, Texas. June 30, 1930, 192Following is a ~~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-7 W $\frac{1}{2}$ of W $\frac{1}{2}$ Sec. 29 18-South 38-East
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

The well is located 2070 ft. N of S line and 220 ft. E of W line of sec. 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 2739' of 9 5/8" casing and cemented with 650 sacks cement
June 22, 1930. Cement plug drilled and hole bailed to bottom.
Test showed hole to be free from water and satisfactory June 29, 1930.

Approved July 3, 1930
(Date)E. A. HansonTitle Deputy Supervisor
GEOLOGICAL SURVEYAddress Roswell, New MexicoCompany Humble Oil & Refining Co.By W. A. JonesTitle Division Superintendent

Address _____

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

GOVERNMENT PRINTING OFFICE 6-7653

G11

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSerial Number 032233-A
Federal Bowers

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)

McCamey, Texas. June 3, 1930, 192

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. A-7	W $\frac{1}{2}$ of W $\frac{1}{2}$ Sec. 29 18-South 38-East	
	($\frac{1}{4}$ Sec. and Sec. No.)	(Twp.) (Range) (Meridian)

The well is located 2970 ft. $\left\{ \begin{smallmatrix} N \\ S \end{smallmatrix} \right\}$ of $\frac{1}{2}$ line and 330 ft. $\left\{ \begin{smallmatrix} E \\ W \end{smallmatrix} \right\}$ of $\frac{1}{2}$ 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 231' of 12 1/2" casing at 250' and cemented with 250 sacks cement May 27, 1930. Cement plug drilled and hole bailed to bottom. Test showed hole to be free from water and satisfactory June 2, 1930.

Approved June 9, 1930
L. A. HansenTitle Deputy Supervisor
GEOLOGICAL SURVEY

Address Roswell, New Mexico

Company Humble Oil & Refining Co.

C. B. Division Superintendent

Address McCamey, Texas.

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

GOVERNMENT PRINTING OFFICE 6-7053

G/12

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYFile Number 632233-A
Name of Person B. A. Bowers

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)

McComby, Texas. November 26, 1930, 192Following is a notice of intention to do work on land under permit described as follows:
report of work done lease

<u>New Mexico</u>	<u>Lea</u>	<u>Hobbs</u>	
(State or Territory)	(County or Subdivision)	(Field)	
Well No. <u>A-7</u>	<u>W$\frac{1}{2}$ of W$\frac{1}{2}$ Sec. 29</u>	<u>18-South</u>	<u>36-East</u>
	($\frac{1}{4}$ Sec. and Sec. No.)	(Twp.)	(Range)
			(Meridian)

The well is located 2970 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.)

We have decided to abandon this well temporarily. The 9 5/8" casing has been set at 2750' and cemented with 650 sacks cement. Drilled plug and bailed casing dry. Same tested satisfactory June 29, 1930.

* On condition that regular notices be submitted for approval before drilling is resumed.

Approved December 4, 1930 Company Humble Oil & Refining Co.
(Date)

H. A. Hanson

C. A. Hanson

By

COPY Division Sup't.Title Deputy Supervisor
GEOLOGICAL SURVEYAddress Roswell, N. Mex.Address McComby, Texas.

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

GOVERNMENT PRINTING OFFICE 6-7053

G13

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Serial Number 008235-A

RECEIVED

SUNDRY NOTICES AND REPORTS ON WELLS

ROSWELL, NEW MEX.

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)

McComey, Texas. May 7, 1930, 192

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

McComey Lee Hobbs
(State or Territory) (County or Subdivision) (Field)
Well No. A-7 W $\frac{1}{2}$ of W $\frac{1}{2}$ Sec. 20 18-South 20-East
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

The well is located 207 ft. N of A line and 200 ft. E of N 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.)

- 12 1/2" - 207 - 200' through water sand with 120 sacks cement
- 9 5/8" - 244 - 2750' on top of brown lime with 600 sacks cement
- 7" - 244 - 3060' on top of white lime with 600 sacks cement

SEE ATTACHED.

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

Company McComey Oil & Refining Co.
By DAVID L. HANSEN

Title Deputy Supervisor
GEOLOGICAL SURVEY

Title Division Sup't.

Address Roswell, New Mexico

Address McComey, Texas

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

GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR

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. Instead of using top of white lime as casing point for production string, the 7 inch casing must be cemented at top of main pay with total exclusion of all upper showings of oil and gas.

3140