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(SUBMIT IN TRIPLICATE)

Land Office Las Cruces, N. M.

Lease No. 062383

Unit _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Federal Crosby No. 1

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 SUBSEQUENT ACIDIZING.....	X
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)

Midland, Texas January 5, 1949

Well No. 1 is located 1980 ft. from N line and 660 ft. from W line of sec. 4
Center of SW/4 of NW/4
of Sec. 4 17-S 36-E
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

West Lovington Lea New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 3990 ft.

DETAILS OF WORK

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

Killed well with oil and ran Lane Wells Gamma Ray Survey. Circulated casing with hot oil to remove paraffine. Treated well with 2000 gallons 1% LT acid through perforations from 4975' to 5095'. Tubing pressure 2200# to 2800#. Flushed acid with 19 barrels of oil. Swabbed well for 24 hours. Swabbed well in tank for 12 hours at rate of 3 barrels per hour, 15% acid water. Placed well on pump. On 24 hour pumping test well made 91.82 barrels of pipe line oil, 36 gravity. GOR 346. Gas volume 31.85 MCF. Shake out was 6/10% of 1% water.

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 W.S. Dewey
Title Division Petroleum Engineer

Handwritten mark

Frank B. Stahl

(SUBMIT IN TRIPPLICATE)

Land Office Artesia, N. M.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Lease No. 062383

Unit _____
Federal Ruby S. Crosby

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 ACIDIZE	<input checked="" type="checkbox"/>	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 December 7, 19 48

Well No. 1 is located 1980 ft. from N line and 660 ft. from W line of sec. 4
 Corner of SW/4 of NE/4
 of Sec. 4 17-S 26-E
(Twp. and Sec. No.) (Range) (Meridian)

West Lovington Lea New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 3990 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)

Federal Crosby 1 was completed December 31, 1944 after treating with 1000 gallons of acid for a flowing potential of 451 barrels of pipe line oil per day, gas-oil ratio 502. This well is currently producing 20 barrels of pipe line oil per day with an allowable of 46 barrels per day. The following workover procedure using company labor and well servicing unit is proposed: (1) Kill well with oil, (2) Pull rods and tubing and run Gamma Ray survey, re-run tubing with interval packer set between perforated sections, (3) Swab and test for gas entry, (4) If gas is coming from top section treat with 2000 gallons of acid, outer packer, the lower perforations, (5) Swab and test for results of acid treatment, (6) Pull tubing to remove packer, re-run tubing and rods and place on production. This workover should increase daily production by 26 barrels.

RELEASE

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. Herkman*
 Title Asst. Division Superintendent

(SUBMIT IN TRIPLICATE)

Land Office Artesia, N. M.

Lease No. 062383

Unit _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Federal Ruby S. Crosby

APPROVED JAN 2 1945
[Signature]
DISTRICT ENGINEER

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 _____	XX
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)

Midland, Texas, January 2, 19 45

Well No. 1 is located 1980 ft. from [N] line and 660 ft. from [E] line of sec. 4
Center of SE/4 of NW/4
of Section 4

(1/4 Sec. and Sec. No.)

T-17-S
(Twp.)

R-36-E
(Range)

(Meridian)

South Lovington
(Field)

Lea

(County or Subdivision)

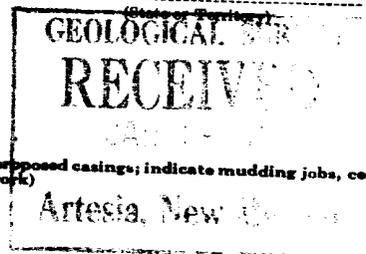
New Mexico.

(State or Territory)

The elevation of the derrick floor above sea level is 3990 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)



After swabbing the well dry in 9 hours on December 31, 1944, the well was treated with 1000 gallons Dowell acid from 4750' - 5095'. Maximum working pressure under which acidized was 1500#s and the minimum pressure was 1200#s. Reaction time was 30 minutes. Swabbed well 4 hours and well started flowing and flowed for 24 hours making 12 bbls. per hour on 22/32" choke - .4% BS&W. Now preparing to take gas-oil ratio test.

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 Chief Clerk.

(SUBMIT IN TRIPLICATE)

Land Office Artesia, N. M.

Lease No. 062383

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Unit
Federal Ruby S. Crosby

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.....
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	<input checked="" type="checkbox"/> 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 January 2, 1945

Well No. 1 is located 1980 ft. from N line and 1980 ft. from W line of sec. 4
Center of SE/4 of NW/4
of Section 4
4 Sec. and Sec. No.

T-17-S R-36-E
(Twp.) (Range) Meridian

South Lovington Lea New Mexico.
(Town) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 3990 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)

Treat well with 1000 gallons Dowell acid from 4750'-5095'. The 5-1/2" casing was set in this well at 5108'. 5-1/2" casing was perforated with Lane Wells Shots from 4750'-4910' and from 4975-5095' with 3 shots per foot.

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)

Land Office **Artesia, N. M.**

Lease No. **062383**

Unit

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Federal Ruby S. Crosby

SUNDRY NOTICES AND REPORTS ON WELLS

902 Underwater

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)

Midland, Texas, December 22, 1944. 19

Well No. 1 SW is located 1980 ft. from N line and 660 ft. from W line of sec. 4
 Center of SW/4 of NW/4 of Section 4 of Section 4
(By Sec. and Sec. No.) T-17-S R-36-E Meridian
(Twp) (Range) (Meridian)
 South Lovington Lea. New Mexico.
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 3990 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 5-1/2" casing with 800#s cold water pressure. Tested Ok.
Cement plug drilled at 2:20 PM 12-21-44.

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, Superintendent.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Artesia, N. M.**
Lease No. **062383**
Unit

Federal Ruby S. Crosby

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.....	XXX 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 **December 19, 19 44**

Well No. **1** is located **1980** ft. from **N** line and **660** ft. from **WEST** line of sec. **4**
 Center of **SE 1/4** of **N 1/4**
 of Section **4** **T-17-S** **R-36-E**
(1/4 Sec. and Sec. No.) (Twp.) (Range) Meridian
South Lovington **Lea** **New Mexico.**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **3990** 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	WEIGHT	AMOUNT	SET AT	FORMATION	DEPTH OF WELL	NO. SACKS & MAKE CEMENT	PLUG ON BOTTOM.
5-1/2"	14#	5098'	5108'	Lias	5110'	400 Sacks Lone Star	2:00 P.M. 12-18-44.

Halliburton Method Used.

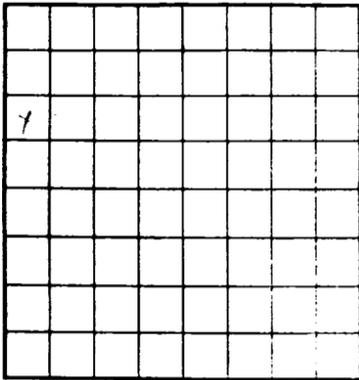
Will test with 800' cold water pressure and drill cement plug after cement sets 72 hours.

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.**



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Humble Oil & Refg. Co.** Address **Box 2180, Houston, Texas**
Lessor or Tract **Federal Crosby** Field **South Lovington** State **New Mexico**
Well No. **1** Sec. **4** T. **17-S** **36-N** Meridian County **Lee County, New Mexico**
Location **1980** ft. ^N of Line and **660** ft. ^W of Line of **Sec. 4** Elevation **3891**
(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 *J. P. ...*
Title

Date

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

Commenced drilling **11-9-44**, 19... Finished drilling **12-18-44**, 19...

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from **4750** to **5095** No. 4, from ... to ...
No. 2, from **(Pay Zone)** to ... No. 5, from ... to ...
No. 3, from ... to ... No. 6, from ... to ...

IMPORTANT WATER SANDS

No. 1, from **None** 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 1/2	40.30	8-R	Spang	331.75					
7 5/8	26	8-R	Nat'l	1046.62					
7 5/8	24	8-R	Nat'l	229.70					
				1969.32					
5 1/2	14	8-R	Nat'l	5998.00	Hall		4910	5095	(Pay Zone)

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 1/2		210	Hall.		2100 /
7 5/8		600	Hall.		60000 /
5 1/2		400	Hall.		40000 /

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
NONE						

TOOLS USED

Rotary tools were used from **0** feet to **5100** feet, and from ... feet to ... feet
Cable tools were used from ... feet to ... feet, and from ... feet to ... feet

DATES

Put to producing ... 19...

The production for the first 24 hours was **251** barrels of fluid of which **100** % 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. ...

Tubing **40 EMERALD**

J. C. Pairs, Driller
J. I. Cheers, Driller
Jack Henderson, Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	310		Sand & Shells
310	350		Red Rock
350	370		Red Bed
370	870		Red Bed & Shells
870	1075		Red Bed
1075	1360		Red Bed & Shells
1360	1478		Shale & Red Bed
1478	1592		Shale
1592	1815		Red Bed & Shale
1815	1825		Anhydrite & Sand
1825	1909		Shale & Shells
1909	1957		Shale & Anhydrite
1957	1975		Anhydrite
1975	2125		Salt & Anhydrite
2125	2839		Salt
2839	3232		Salt and Anhydrite
3232	3630		Anhydrite
3630	3681		Anhydrite & Shale
3681	4062		Anhydrite
4062	4116		Anhydrite & Lime
4116	4145		Anhydrite & Gyp
4145	4257		Anhydrite & Lime
4257	4308		Anhydrite & Gyp

V-7a

FORMATION RECORD—Continued

FROM -	TO -	TOTAL FEET	FORMATION
4308	4384		Anhydrite & Lime
4384	4417		Anhydrite & Shale
4417	4587		Anhydrite & Lime
4587	5100		Lime
5100	Total Depth		

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of re-drilling, 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.

Well was treated with 1000 Gallons of Mucell acid from 4750' to 5095' using an average injection rate of 1350# per square inch. Well flowing natural

Orig & 2cc: U. S. Geological Survey; cc: Mr. Riddle; 2cc: Mr. R. E. Sinclair
cc: Mr. J. L. House cc: File

(SUBMIT IN TRIPLICATE)

Land Office Artesia, N. M.

Lease No. 062383

Unit _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Federal Ruby S. Crosby.

APPROVED: *Joe. H. [Signature]*
NOV 24 1944
DISTRICT ENGINEER

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)

Midland, Texas November 22, 1944

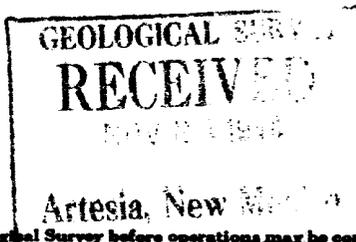
Well No. 1 is located 1980 ft. from [N] line and 660 ft. from [W] line of sec. 4
 Center of SE/4 of NW/4
 of Section 4 T-17S R-36E
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
South Lovington. Lea New Mexico.
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 3990 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 7-5/8" casing with 700#s cold water pressure for 30 minutes. Cement plug drilled at 12:30 A.M. 11-22-44. Tested OK.



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 Asst. Division Superintendent.

(SUBMIT IN TRIPLICATE)

Land Office Artesia, N. M.

Lease No. 062383

Unit _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Federal Ruby S. Crosby.

J. C. Vandewater
1944
REC

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	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF ALTERING CASING	
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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 November 21, 1944

Well No. 1 is located 1980 ft. from N line and 666 ft. from W line of sec. 4
Center of SW/4 of N/4
of Section 4

T-17-S R-36-E
(Twp.) (Range) (Meridian)

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

The elevation of the derrick floor above sea level is 3990 ft.

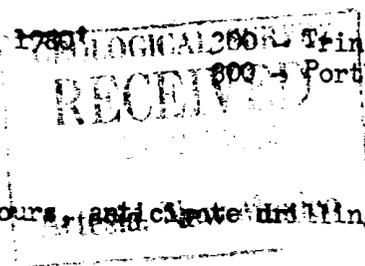
DETAILS OF WORK

(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	WEIGHT	AMOUNT	SET AT	FORMATION	DEPTH OF WELL	NO. SACKS & MAKE CEMENT	PLUG ON BOTTOM.
------	--------	--------	--------	-----------	---------------	-------------------------	-----------------

7-5/8"	40# & 24#	1969'	1980'	Anhydrite	1980'	2000# Trinity 800# Portland	1:30 AM 11-19-44.
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Halliburton Method Used.

Well test with 800# cold water pressure; after 72 hours, acid clean and install plug.

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 J. C. Vandewater

Title Division Superintendent.

V-9

(SUBMIT IN TRIPLICATE)

Land Office Artesia, N. M.

Lease No. 062383

Unit _____

Federal Ruby S. Crosby.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPROVED
NOV 15 1944
J. C. [Signature]
ACTING DISTRICT ENGINEER

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.....	<input type="checkbox"/>
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	<input type="checkbox"/>
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....	<input type="checkbox"/>
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	<input type="checkbox"/>
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	<input type="checkbox"/>
NOTICE OF INTENTION TO ABANDON WELL.....		<input type="checkbox"/>

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

Midland, Texas November 15, 1944

Well No. 1 is located 1980 ft. from N line and 660 ft. from W line of sec. 4
Center of S. 1/4 of NW/4

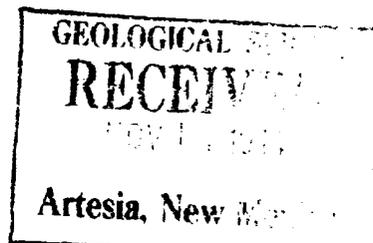
of Section 4 T-17-S R-36-E
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Turner Lea New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 2900 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 10-3/4" casing with 700#s cold water pressure and drilled cement plug at 2:00 AM 11-14-44. Tested OK.



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 Asst. Div. Superintendent.

APPROVED
NOV 15 1944
J. A. [Signature]
DISTRICT ENGINEER

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Artesia, N. M.

Lease No. 062383

Unit _____
Federal Ruby S. Grosby

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	XX	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING 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 November 11,
~~October~~ 19 44

Well No. 1 is located 1980 ft. from [N] line and 660 ft. from [W] line of sec. 4

Center of SW/4 of NW/4
of Sec. 4 (SE Sec. and Sec. No.)

T-17-N R-36-E
(Twp.) (Range) (Meridian)

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

The elevation of the derrick floor above sea level is 3990 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	WEIGHT	AMOUNT	SET AT	FORMATION	DEPTH OF WELL	NO. SACKS & MAKE CEMENT	PLUG ON BOTTOM
10-3/4"	40.5#	332'	343'	Red Beds	350'	210 Sacks	2145 BM

RECEIVED
NOV 14 1944
Artesia, New Mexico
November 13, 1944

Halliburton Method Used.

Will test with 700#s cold water pressure and drill plug November 13, 1944.
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.

[Signature]
District Superintendent.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LC
Land Office Midland, N. M.
Lease No. 062303
Unit _____

Federal Ruby S. Crosby

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	
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)

Midland, Texas, October 31 19 44

Well No. 1 is located 1980 ft. from N line and 640 ft. from W line of sec. 4

Center of SW/4 of NW/4 of Sec. 4, T-17-S R-36-E
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

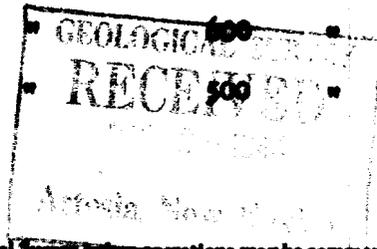
Turner Lee New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 3900 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 OF HOLE	SIZE OF CASING	WEIGHT PER FT.	NEW OR SECOND-HAND	DEPTH	LANDED OR CEMENTED	SACKS CEMENT	METHOD OF CEMENTING
13-3/4"	10-3/4"	40.5#	New	350'	Cemented	200	Ballburton
9-7/8"	7-5/8"	24#	"	2000'			
6-3/4"	5-1/2"	14#	"	5200'			



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Company Humble Oil & Refining Company

Address Box 1600

Midland, Texas

By RS Dewey
Title Division Petroleum Engineer