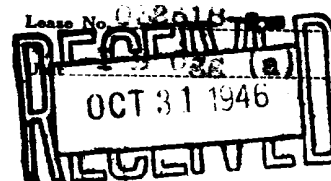


(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYLand Office Las CrucesLease No. 032018-2-2

HOBB'S OFFICE

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 REPAIR REPAIR WELL.....	X	SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	X	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 29, 1946

I. B. Ogg (a)
Well No. 3 is located 1980 ft. from N line and 660 ft. from E line of sec. 35
SW 1/4 NW 1/4, Sec 35 24-S 36-R N.W.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Cooper - Jal Lea New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 3286 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)

Total Depth, 3504' - Lime. 7" casing cemented at 3422' with 300 sacks. On test before beginning operations, this well pumped at rate of 12 barrels oil, plus 280 barrels water in 24 hours. Therefore, in an attempt to increase production, we propose to perform the following remedial operations: Acidize with 2000 gallons 3422 - 3504. Test by use of casing pump, and if desired production increase is not obtained, plug well back to approximately 3454' and test to determine if zone from 3424' to 3484' is making nothing but water, or if it is the present producing zone. If this zone, 3424' to 3484', is producing only water, we propose to plug it off, re-drill to total depth, and test production from lower zone, 3484' - 3504'. If production from lower zone is not desirably increased, this zone will be acidized with approximately 2000 gallons. (See Reverse Side)

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

Company The Texas CompanyAddress Box 1270Midland, TexasBy W. H. OgdenTitle Drlg. & Prod. Foreman

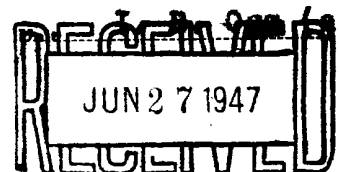
At the present time, the first stage of 2000 gallons of acid has been completed, as of 8-18-46, from 3422' to 3504', and the well is being pumped and tested for results. Final results of remedial operations and acid treatments will be reported within ten days after completion of operations and testing.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Las Cruces

Lease No. 032618-a



SUNDRY NOTICES AND REPORTS ON WEEBS OFFICE

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF 3500 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 3500 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, June 24, 1947

I. B. Ogg (a)

Well No. 3 is located 1980 ft. from N line and 660 ft. from W line of sec. 35

SW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec 35

24-S

36-E

N.M.P.M.

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

(Twp.)

(Range)

(Meridian)

Cooper-Jal

Lea

New Mexico

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the derrick floor above sea level is 3286 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)

Total Depth - 3504'

With 7" casing cemented at 3422' with 200 sacks this well was completed 2-12-35, producing 160 barrels oil per hour for 3 hours.

On test before beginning operations well pumped at rate of 12 barrels oil plus 220 barrels water in 24 hours. In an attempt to increase oil production and decrease water production remedial operations were as follows:

After acidizing 9-19-46 with 2000 gallons (Western) from 3422-3504' well pumped 198 $\frac{1}{2}$ barrels water and no oil in 2 hours. After plugging back to 3438' with 25 sacks cement and acidizing 12-13-46 with 1000 gallons (Western) from 3435-3438' with Jell Seal blanket from 3422 to (See reverse side)

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

Company The Texas Company

Address Box 1270

Midland, Texas

By

C. L. Hellman

Title District Superintendent

3635', well pumped 146 barrels sulphur water, slight show of oil in 5 hours. After squeezing formation 3422 (bottom 7" casing) to 3438' and drilling plug to 3440', bailed 19 gallons water per hour with stain of oil. Drilled plug to 3464', tested 30 gallons water per hour. Bailed dry and on 4-18-47 perforated formation 3464-3450' with 54 shots, well bailed 60 gallons water per hour with stain of oil. After acidizing 4-20-47 from 3464-3450' with 300 gallons muriatic acid (Dewell), bailed 7 1/2 hours, making approximately 8 barrels water per hour. Squeezed 3464-3450' with 50 sacks cement, and after drilling plug to 3504' (Total Depth), ran 3-3/4" casing pump to 3075', and pumped 7 barrels oil and 65 barrels water in 6 hours on 6-21-47

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 032618
LEASE OR PERMIT TO PROSPECT Permit

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company The Texas Company Address Fort Worth, Texas
Lessor or Tract L. B. Ogg "A" Field Cooper State New Mexico
Well No. 3 Sec. 35 T. 24 S. R. 36 E. Meridian N.M.P. 1 County Lea
Location 1980 ft. N. of N. Line and 660 ft. E. of N. Line of Sec. 35 Elevation 3286
(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.

Date February 21, 1935 Title Division Superintendent

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

Commenced drilling Dec. 15, 1934 Finished drilling Bed. 8, 1935

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3055 G. to 3060 G. No. 4, from 3424 G. to 3458 Oil
No. 2, from 3185 G. to 3190 G. No. 5, from 3502 G. to 3504 Oil
No. 3, from 3300 G. to 3400 G. No. 6, from 3504 G. to 3506 G.

IMPORTANT WATER SANDS

No. 1, from 640 to 745 No. 3, from 745 to 845
No. 2, from 745 to 845 No. 4, from 845 to 945

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Other Purpose
							From	To	
12 1/2"	150#	8	Lapw.	171	Tex. Pat.				
5/8"	40#	3	Spless	1366	Baker cement guide shoe				
2 1/4"	100#	10	"	1422	Baker cement guide shoe				

REPORT: It should be pointed out here that the above table is not a complete record of the shoes or hardware or equipment used in the well. It is a summary of the shoes and hardware used in the well and is not a complete record of the shoes and hardware used in the well. It is a summary of the shoes and hardware used in the well and is not a complete record of the shoes and hardware used in the well.

NOTE: The above table is not a complete record of the shoes and hardware used in the well. It is a summary of the shoes and hardware used in the well and is not a complete record of the shoes and hardware used in the well. It is a summary of the shoes and hardware used in the well and is not a complete record of the shoes and hardware used in the well.

HISTORY OF OIL OF CASE WELL

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
12 1/2"	171'	100 sacks	Halliburton		
5 1/2"	1366'	1000 sacks	"		
7"	3422'	200 sacks	"		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from Surface feet to 3504 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing _____ Feb. 12 _____, 1935.
 The production for the first 24 hours was 160 barrels of fluid of which _____ % was oil; 4/10%
 emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 29.5
 If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Warren L. Tood, Inc.	Driller	John Griffin	Driller
R. B. Brown	Driller	N. H. Fouché	Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	30	30	White (Caliche)
30	87	57	Gray sand
87	640	553	Red Shale & red rock - Top Santa Rosa
			Water Band 640' (Fresh water)
640	675	35	Gray limey sand
675	700	25	Red sandy shale
700	745	45	Gray conglomerate - Base Sant Rosa
			Sand 745'.
745	1230	485	Red Sandy shale & red rock - Top
			Rustler anhydrite 1230'.
1230	1365	135	Fin. W & G anhy, trace lime - Top
			Main salt body 1365'.
1365	1630	265	Pink & W anhy: 80%; pink salt 20%, trace polyhalite.
			Hard white anhydrite
1630	1670	40	
1670	2765	1095	Pink & W. salt 80%; pink polyhalite 10% W. anhy. 10%.
2765	2815	50	Brown dolo. 50%, W anhy: 50%, Tr red polyhalite.
2815	2955	140	White salt
2955	3015	60	White salt 70%, Br shale 20%, W Anhy, 10%. - Base main salt 3015'.
3015	3045	30	Hard G & W anhy. - Top 1st brown dolo. 3045'.

FOKINATION RECORD-CONFIDENTIAL

Company: _____
Location: _____
The information given here is for the purpose of locating the well and all work done thereon so far as can be determined from all available records.

This well was drilled under pressure, using oil as circulating fluid from 3458' to 3504' and a day was encountered from 3502' to 3504'. The well produced at the rate of 160 barrels of oil per hour with 3,520,000 cubic feet of gas per 24 hours. The well was drilled under pressure, using oil as circulating fluid from 3458' to 3504' and a day was encountered from 3502' to 3504'. The well produced at the rate of 160 barrels of oil per hour with 3,520,000 cubic feet of gas per 24 hours. The well was drilled under pressure, using oil as circulating fluid from 3458' to 3504' and a day was encountered from 3502' to 3504'. The well produced at the rate of 160 barrels of oil per hour with 3,520,000 cubic feet of gas per 24 hours.

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 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 "side-tracked" 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 balling.			
It was originally intended to set 9 5/8" casing at around 1600' however, while running this casing and had in 1366' the two legs on V side of derrick buckled very badly and would not carry load of pipe. Had to cement pipe at this point at 1366'.			
On 1-31-35 white at total depth of 3458' treated section from 3424' to 3458' with 200 gallons Dowell X acid; used 97 bbls. oil ahead of acid, and 14 bbls. oil load.			
Before acid treatment, well was making 25 bbls. oil per day with 500,000 cubic feet of gas per day. No change in production.			
No change in production after acid treatment 226 bbls. oil and 4,713,000 cubic feet of gas per 24 hour day.			
No change in production after acid treatment 226 bbls. oil and 4,713,000 cubic feet of gas per 24 hour day.			
MIDDONG AND CEMENTING RECORD			
DATE	DEPTH (feet)	DESCRIPTION	REMARKS
3504	3504	Rotary tools were used from 3504' to 3504' and found 3504' to 3504' feet.	
3502	3502	Rotary tools were used from 3502' to 3502' and found 3502' to 3502' feet.	
3458	3458	Rotary tools were used from 3458' to 3458' and found 3458' to 3458' feet.	
3424	3424	Rotary tools were used from 3424' to 3424' and found 3424' to 3424' feet.	
ECHOING RECORD			
DATE	DEPTH (feet)	DESCRIPTION	REMARKS
3504	3504	Rotary tools were used from 3504' to 3504' and found 3504' to 3504' feet.	
3502	3502	Rotary tools were used from 3502' to 3502' and found 3502' to 3502' feet.	
3458	3458	Rotary tools were used from 3458' to 3458' and found 3458' to 3458' feet.	
3424	3424	Rotary tools were used from 3424' to 3424' and found 3424' to 3424' feet.	
LOGS			
DATE	DEPTH (feet)	DESCRIPTION	REMARKS
3504	3504	Rotary tools were used from 3504' to 3504' and found 3504' to 3504' feet.	
3502	3502	Rotary tools were used from 3502' to 3502' and found 3502' to 3502' feet.	
3458	3458	Rotary tools were used from 3458' to 3458' and found 3458' to 3458' feet.	
3424	3424	Rotary tools were used from 3424' to 3424' and found 3424' to 3424' feet.	
3400	3400	Rotary tools were used from 3400' to 3400' and found 3400' to 3400' feet.	
3370	3370	Rotary tools were used from 3370' to 3370' and found 3370' to 3370' feet.	
3360	3360	Rotary tools were used from 3360' to 3360' and found 3360' to 3360' feet.	
3315	3315	Rotary tools were used from 3315' to 3315' and found 3315' to 3315' feet.	
3300	3300	Rotary tools were used from 3300' to 3300' and found 3300' to 3300' feet.	
3280	3280	Rotary tools were used from 3280' to 3280' and found 3280' to 3280' feet.	
3265	3265	Rotary tools were used from 3265' to 3265' and found 3265' to 3265' feet.	
3250	3250	Rotary tools were used from 3250' to 3250' and found 3250' to 3250' feet.	
3220	3220	Rotary tools were used from 3220' to 3220' and found 3220' to 3220' feet.	
3180	3180	Rotary tools were used from 3180' to 3180' and found 3180' to 3180' feet.	
3065	3065	Rotary tools were used from 3065' to 3065' and found 3065' to 3065' feet.	
3045	3045	Rotary tools were used from 3045' to 3045' and found 3045' to 3045' feet.	