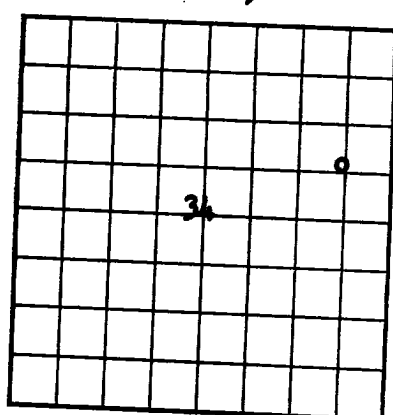


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029431
LEASE OR PERMIT TO PROSPECT Ets E

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Sanders Brothers Address Box 746, Artesia, N. M.
Lessor or Tract Ets Field Square Lake State New Mexico
Well No. E-2 Sec. 34 T. 16S R. 30E Meridian N. M. P. M. County Eddy
Location 1980 ft. {N.} of N. Line and 660 ft. {E.} of E. Line of Sec. 34 Elevation 3771
(Derives 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 Forrest Warren
Date July 13, 1942 Title Bookkeeper

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

Commenced drilling May 9, 1942 Finished drilling June 30, 1942

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2938 to 2948 No. 4, from _____ to _____
No. 2, from 2972 to 2982 No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 435 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"	555								
8 5/8"	2339								
7"	2860								
8 5/8" pulled when 7" casing was set.									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10"	555	50			
8 5/8"	2339				
7"	2860	100			
(8 5/8" casing pulled when 7" casing was set.)					

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
Shot with 200 qts. N. G. as follows:						
3 1/2"	3	N.G.	20 qts.	7/3	2938-2948	10'
3 1/2"	3	N.G.	20 qts.		2948-2972	24'
5"	3	N.G.	20 qts.		2972-3002	30'
TOOLS USED						

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

DATES

First pay was from 2938-2948 which filled hole with 200' of oil. The second pay was from 2972-2982 and flowed about 20 bbls. on July 9 and 10. The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil, _____ % was water, and _____ % sediment. After shooting a test was made - 230 bbls. in 24 hours thru open 2" tubing running at 2850' gravity, Be.

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

W. R. McCullough _____, Driller Art Crumley _____, Driller
G. E. Surrent _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	135	135	Red Sand
135	190	55	Sand
190	290	100	Red Rock
290	325	35	Anhydrite
325	330	5	Red Rock
330	455	125	Anhydrite
455	500	45	Red Rock & Anhydrite Shells
500	540	40	Red Rock & Anhydrite
540	555	15	Red Shale
555	560	5	Red Rock
560	610	50	Salt and Red Rock
610	640	30	"
640	725	85	"
725	750	25	Polyalite
750	1240	490	Salt
1240	1260	20	Anhydrite
1260	1300	40	Anhydrite & Red Rock
1300	1465	165	"
1465	1530	65	" & Red Rock
1530	1555	25	"
1555	1590	35	" & Red Rock
1590	1630	40	"
1630	1650	20	" & Red Rock
1650	2050	400	"
2050	2085	35	Red Sandy Shale
2085	2205	120	Anhydrite

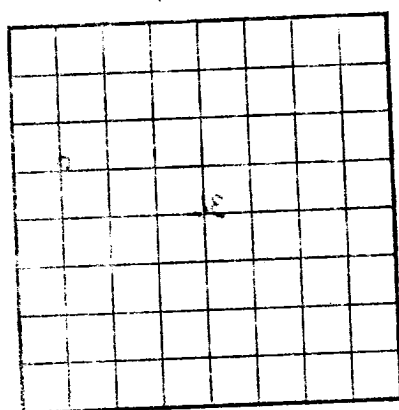
FORMATION RECORD—Continued

14-43004-2

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES



LOCATE WELL CORRECTLY

Company _____
Address _____
State _____
Well No. _____
Location _____
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 _____
The summary on this page is for the condition of the well at above date.

Commenced drilling _____
Finished drilling _____
1915

OIL OR GAS SANDS OR ZONES

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____
No. 4 from _____ to _____
No. 5 from _____ to _____
No. 6 from _____ to _____

IMPORTANT WATER SANDS

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

CASING RECORD

Casing	Weight per foot	Thread per foot	Make	Amount	Kind of shoe	Cut and pulled from	Purpose

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 "added" or left in the well, give its size and location. If the well has been dynamited, give date, position, and number of shots. If pins or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

10-4004-1 U. S. GOVERNMENT PRINTING OFFICE

MUDDING AND CEMENTING RECORD

Size	Weight	Number of sacks	Method used	Kind of mud	Amount of mud used

PLUGS AND ADAPTERS

Adapters—Material _____
Depth set _____
Size _____

SHOOTING RECORD

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

TOOLS USED

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

DATES

The production for the first 24 hours was _____ barrels of oil, _____ barrels of gas, and _____ barrels of water. The second 24 hours was _____ barrels of oil, _____ barrels of gas, and _____ barrels of water. The third 24 hours was _____ barrels of oil, _____ barrels of gas, and _____ barrels of water.

EMPLOYEES

Driller _____
Driller _____

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	100	100	Red Sand
100	150	150	Red Sand
150	200	200	Red Sand
200	250	250	Red Sand
250	300	300	Red Sand
300	350	350	Red Sand
350	400	400	Red Sand
400	450	450	Red Sand
450	500	500	Red Sand
500	550	550	Red Sand
550	600	600	Red Sand
600	650	650	Red Sand
650	700	700	Red Sand
700	750	750	Red Sand
750	800	800	Red Sand
800	850	850	Red Sand
850	900	900	Red Sand
900	950	950	Red Sand
950	1000	1000	Red Sand

FORMATION RECORD—Continued