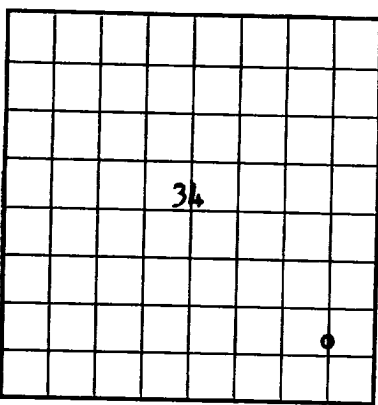




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **029431**
LEASE OR PERMIT TO PROSPECT **Etz**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 **Etz** Field **High Lonesome** State **New Mexico**
Well No. **3** Sec. **34** T. **16s** R. **30e** Meridian **NMPM** County **Eddy**
Location **650 ft. (N.) of S** Line and **660 ft. (W.) of E** Line of **34** Elevation **3758**
(Elevation 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 **May 9, 1942** Signed **Forrest Warren**
Title **Bookkeeper**

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

Commenced drilling **March 10**, 19 **42** Finished drilling **May 6**, 19 **42**

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

No. 1, from **2986** to **2996** 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 **444** to **447** No. 3, from _____ to _____
No. 2, from **2320** 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—	
8 5/8"				570'					
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	570'	50			
7"	2342'				
5 1/2"	2882'	100			Mud

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
4"	1	N.G.	30 qts	5/2	2970-2981	
3 1/2"	1	"	10 qts	5/2	2981-2986	
3"	1	"	15 qts	5/2	2986-2996	
4"	4	"	100 qts	5/2	2996-3035	

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

The well section was from **2986-2996**. This well was shut in by heads making about **30 bbls** in **24 hours**. After shooting this well on **23 hour test** made **185 bbls. thru open** tubing set at **2950**.

The production for the first 24 hours was _____ bbls of fluid of which _____ % was oil; _____ %

2" tubing set at **2950**. _____ water; and _____ % sediment. Gravity, °Bé. _____

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

Rock pressure, _____ lbs. per sq. in. _____

EMPLOYEES

M. R. McCullough, Driller **W. E. Surrency**, Driller

Art. Corns, Driller _____, Driller

FORMATION RECORD

TO—	TOTAL FEET	FORMATION
517-333	118'	Sand
517-333	130'	Red Rock and Sand
517-333	220'	Red Rock
517-333	35'	Anhydrite
517-333	59'	Water
517-333	3'	Red Rock Breaks
517-333	18'	Red Rock
517-333	35'	Red Rock and Anhydrite
517-333	40'	"
517-333	10'	"
517-333	20'	Salt
517-333	530'	Salt
517-333	35'	Polyhalite
517-333	110'	Salt
517-333	185'	Anhydrite
517-333	40'	" & Red Rock
517-333	40'	"
517-333	80'	Red Rock Breaks
517-333	15'	Red Rock Breaks
517-333	440'	Anhydrite
517-333	20'	Red Rock
517-333	35'	Anhydrite
517-333	10'	Red Rock
517-333	50'	Anhydrite
517-333	30'	" & Red Rock
517-333	90'	"
517-333	20'	Broken Line

FORMATION RECORD—Continued

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES

U. S. LAND OFFICE
SERIAL NUMBER 025051
DATE OF PERMIT TO PROCEED JULY 1905

Company Sanders Brothers
Lessor or Tract E. A.
Well No. 3 Sec. 34 T. 13 S. R. 30 E. Meridian N. M.
Location 500 ft. N. of Line and 500 ft. W. of Line of 34
Elevation 3758
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 May 9, 1905
Title Bookkeeper
Signed Forrest Warren
The summary on this page is for the condition of the well at above date.
Commenced drilling March 10, 1905
Finished drilling May 6, 1905

OIL OR GAS SANDS OR ZONES

No. 1, from 5886 to 5886 No. 4, from
No. 2, from to No. 5, from
No. 3, from to No. 6, from

IMPORTANT WATER SANDS

No. 1, from 5886 to 5886 No. 3, from
No. 2, from 5886 to 5886 No. 4, from

CASING RECORD

Casing	Weight	Threads	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
2 1/2"	28.5	100						
2 1/2"	28.5	100						

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 attached, or left in the well, give its size and location. If the well has been dewatered, give date, position, and number of casing. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

MUDDING AND CEMENTING RECORD

Casing	Weight	Threads	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
2 1/2"	28.5	100						
2 1/2"	28.5	100						

PLUGS AND ADAPTERS

Heavy plug—Material
Adapters—Material
Length
Size
Depth set

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
3"						
3"						
3"						
3"						

TOOLS USED

Tools used
To test for water, state kind of material used, position, and results of pumping or bailing.

Tools used
To test for water, state kind of material used, position, and results of pumping or bailing.

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Tools used
To test for water, state kind of material used, position, and results of pumping or bailing.

FORMATION RECORD—Continued

FORMATION
Broken time
FORMATION