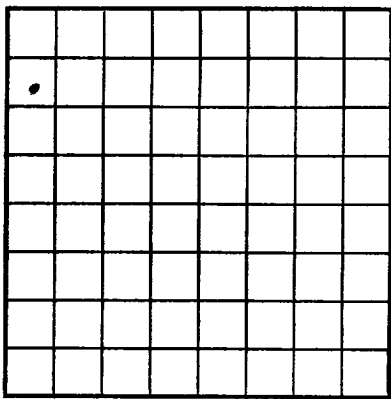


U. S. LAND OFFICE Las CrucesSERIAL NUMBER 028465

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Underwood & Sanders Address Box 746, Artesia, N. M.
Lessor or Tract Field Loco Hills State New Mexico
Well No. 2X Sec. 4 T18S R. 29E Meridian N. M. P. County Eddy
Location 990 ft. [N.] of N. Line and 380 ft. [E.] of W. Line of Sec. 4 Elevation 3542 ft.
(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 Marvin SandersDate Nov. 1, 1940Title Bookkeeper

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

Commenced drilling July 10, 1939, 19..... Finished drilling Oct. 27, 1939, 19.....

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2585 to 2610 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—	
8 1/4"	28#		389'	H					
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 1/4"	389'	50	H		none
5 3/16"	2400'	100	H		5 tons

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
		Glycerin	210	10-27	2635'	same

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet
Cable tools were used from 0 feet to 2700 feet, and from feet to feet

DATES

Nov. 1, 1939, 19..... Put to producing Nov. 1, 1939, 19.....

The production for the first 24 hours was 4 hr. 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

H. M. Marlow, Driller Ira Wiggins, Driller
K. M. Berentz, Driller

FORMATION RECORD

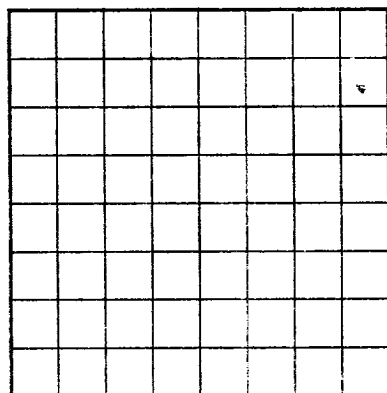
FROM—	TO—	TOTAL FEET	FORMATION
0	115		Red rock & Sand
115	155		Anhydrite
155	365		Red rock
365	450		Salt
450	505		Anhydrite & Salt
505	575		Salt
575	695		Salt & Anhydrite
695	760		Salt
760	915		Anhydrite
915	960		Anhydrite & red rock
960	1000		Anhydrite & red shale
1000	1015		red rock
1015	1125		Anhydrite
1125	1210		Anhydrite & red rock
1210	1210		Anhydrite & red shale
1210	1210		Brown lime
1210	1210		Anhydrite, showing oil & gas
1210	1210		Anhydrite & shale
1210	1210		Anhydrite
1210	1210		Anhydrite & red shale
1210	1210		Red sand, anhydrite & red shale
1210	1210		Anhydrite & red shale
1210	1210		Anhydrite

3542
760
+27823542
1210
+1632

(OVER)

6-6745

FORMATION RECORD—Continued



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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.		Location of { 1. Line and 2. Line } of W. Line of Sec. 4 Well No. 22 Sec. 4 T. 28 N. R. 30 E. Meridian N. M. Co. County Eddy		Lessor or Trust	
Company		Underwood & Sanborn		Address Box 740, Artesia, N. M.	
Field		Local Hills		State	

Commenced drilling July 10, 1940. Finished drilling Oct. 27, 1940. The summary on this page is for the condition of the well at above date.

Date July 1, 1940 Title Rockingham Signed _____

OIL OR GAS SANDS OR ZONES

(D) $\frac{1}{2}$ and $\frac{1}{3}$

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

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

CASING RECORD

Size each	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
							From— To—	

It is of the greatest importance to have a complete history of the well. If there were any changes made in the casing, state fully, and if any casing was with the reasons for the work and its results. If the well has been dynamited, give date, size, position, and number of shots. If pipes 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

MUDDING AND CEMENTING RECORD

Size bagging	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
2 1/2"	1000	100	1"	1.05	1000
3 1/2"	1000	100	1"	1.05	1000

PLUGS AND ADAPTERS

Adapters—Material	Length	Depth set

SHOOTING RECORD

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

TOOLS USED

feet	from	and feet	to	were used from	about year
feet	from	and feet	to	were used from	about year

DATE

Rock pressure, lbs. per sq. in.	
It was well cut in per 24 hours	
.....% sediment	
The production for the first 24 hours was	
ft. barrels of fluid of which% was oil	
Put to producing	

EMPLOYEES

Diller	115	115	Diller	115	115
Diller	115	115	Diller	115	115

FORMATION RECORD

[illegible]

FORMATION RECORD—Continued