

U. S. LAND OFFICE - Las Cruces
SERIAL NUMBER 058429
LEASE OR PERMIT TO PROSPECT
C. B. BUCK

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company C. B. Buck Address Artesia N.M.
Lessor or tract Black and Ray Field Leonard State New Mexico
Well No. 1 B Sec. 11 T. 17S R. 22E Meridian N.M.P.M. County Eddy
Location 980 ft. [S.] of Line and 660 ft. [E.] of Line of sec. 11 Elevation 3540
(Denote feet relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon
as far as can be determined from all available records.

Signed J. E. Keith Title Prod. Manager
Date Feb. 17th, 1941

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

Commenced drilling Oct. 12, 1940, 19... Finished drilling Dec. 4, 1940, 19...

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

No. 1, from 2493 to 2565 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 235 to 240 No. 3, from 1925 to 1924 S.W.
No. 2, from 350 to 355 No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per foot	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
							From—	To—
5 1/2	12.5	8	500					
4 1/2	10.5	8	2545					
3 1/2	8.5	8						
2 1/2	6.5	8						
1 1/2	4.5	8						
1 1/4	4.0	8						

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7	3283-2520	100		1.25	100 sacks
5 1/2	2520-2493				
4 1/2	2493-235				
3 1/2	235-240				
2 1/2	240-245				
1 1/2	245-250				
1 1/4	250-255				

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapter—Material _____ Size _____

SHOOTING RECORD

Size casing	Shots used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
5 1/2	150		150	5-5-41	2445-2565	2560
4 1/2						
3 1/2						
2 1/2						
1 1/2						
1 1/4						

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 2521 feet, and from _____ feet to _____ feet

DATES

Put to producing Dec. 8th, 1940, 19...

The production for the first 24 hours was 54 barrels of fluid of which 33 % was oil; 1 %
emulsion, 0 % water, and 1 % sediment. Gravity, 26.36

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

Rock pressure, lbs. per sq. in. 600

EMPLOYEES

Frank Starkey, Driller Doc Coleman, Driller
Will Ballance, Driller Will Ballance, Driller

FORMATION RECORD

Feet	Feet	TOTAL FEET	FORMATION
1940	1940		
1930	1930		Caliche and sand
1920	1920		Caliche and red bed
1910	1910		Red bed
1900	1900		Sand
1890	1890		Shale and sand
1880	1880		Gray shale
1870	1870		Red bed & shale
1860	1860		Gypsum & shale
1850	1850		Red bed
1840	1840		Sand
1830	1830		Hard sand
1820	1820		Sand and red bed
1810	1810		Sand
1800	1800		Anhydrite
1790	1790		Red bed
1780	1780		Sand and red bed
1770	1770		Gypsum and sand
1760	1760		Red bed
1750	1750		Gypsum and sand
1740	1740		Sand and rock
1730	1730		Salt
1720	1720		anhydrite
1710	1710		Salt
1700	1700		anhydrite
1690	1690		Red rock
1680	1680		anhydrite

1998

LONG

78-4224-1

U. S. GOVERNMENT PRINTING OFFICE

Country Code	Est. 1990 Deaths	1990 Population	Rate	Age group	Rate of pop	Est and popd from	Flow		Balance
							Immigration	Emigration	
1	2	3	4	5	6	7	8	9	10

Судит: Кетов 3643

140-51 HOWY 140-51 HOWY

140. 1' ROW ⁵ probably not too hot 140. 3' ROW 6 should be thicker

№ 2	по	№ 6	по
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NO. 1, HOME ... NO. 2, HOME ...

ONE OF THE GREAT ONES

10

Date: Sep 11 1964
 Time: 5:00 PM

60 [REDACTED] RECORDED FROM ALL EVIDENCE RECORDS

[illegible]

1960

COLUMBIA

FOC OF AIR OK EVS MEM

PHILIP S. WATTS


