

U. S. LAND OFFICE **Las Cruces**
 SERIAL NUMBER **060967**
 LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Barney Cockburn Address Box 105, Artesia, N. M.
 Lessor or Tract Wyatt-Phillips Field Maljanar State New Mexico
 Well No. 3 Sec. 33 T. 17S R. 33E Meridian N.M.P.M. County Lea
 Location 1650 ft. { N } of N Line and 330 ft. { E } of W Line of 33-17-33 Elevation _____

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 July 9, 1952 Signed C. B. Sannes
Title Agent

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

Commenced drilling October 3, 1951 Finished drilling June 18, 1952

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3671 to 3696 No. 4, from _____ to _____
 No. 2, from 4286 to 4300 No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 130 to 140 No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7	1318	50	Halliburton		
5 1/2	3718	50	"		

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
	Dup shot	nitro-glycerine	140 qts	6/17	4270 - 4300	4300

TOOLS USED

Rotary tools were used from 0 feet to 1318 feet, and from _____ feet to _____ feet.

Cable tools were used from 1318 feet to 4300 feet, and from _____ feet to _____ feet.

DATES

Put to producing June 18, 1952

The production for the first 24 hours was 35 barrels of fluid of which 100 % 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

George Sands	Driller	Grover Pratt	Driller
Arthur M. Paton	Driller		Driller

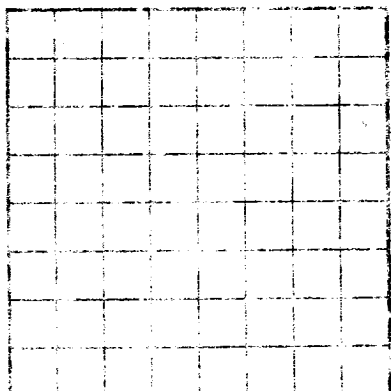
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	175	175	Sand & shale
175	831	656	Red bed & shale
831	892	61	Red bed
892	984	92	Sand & shale
984	1132	148	Hard sandy shale
1132	1261	129	Sand & shale
1261	1318	57	Hard red shale
1318	1345	27	Anhydrite
1345	1365	20	Anhy. & lime
1365	1472	107	Anhydrite
1472	1515	43	Anhy. & salt
1515	1535	20	Red bed & salt
1535	1625	90	Salt & red shale
1625	1635	10	Red bed & salt
1635	1647	12	Anhydrite
1647	1975	328	Salt
1975	2025	50	Salt & potash
2025	2320	295	Salt
2320	2345	25	Anhydrite
2345	2485	140	Salt
2485	2545	60	Anhydrite
2545	2595	50	Red bed & anhy.
2595	2705	110	Anhydrite

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LOG OF OIL OR GAS WELL

LOG OF OIL OR GAS WELL



Company _____
Address _____
State _____
County _____
Section _____
T. _____
R. _____
E. _____
N. _____
W. _____
S. _____
Elevation _____
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so far as can be determined from all available records.

Oil or Gas Sands or Mones
No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____
No. 4 from _____ to _____
No. 5 from _____ to _____
No. 6 from _____ to _____
No. 7 from _____ to _____
No. 8 from _____ to _____
No. 9 from _____ to _____
No. 10 from _____ to _____

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, 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 bailing.

HISTORY OF OIL OR GAS WELL

FROM	TO	TOTAL FEET	FORMATION
2705	2750	45	amy. & red mud
2750	2975	225	amygdalite
2975	2987	12	amy. & gray sand
2987	2995	8	gray sand
2995	3435	440	amygdalite
3435	3470	35	amy. & red shale
3470	3571	201	amygdalite
3571	3641	70	red sand (green) oil & gas
3641	3696	55	amygdalite
3696	3706	10	amygdalite
3706	3970	264	amygdalite
3970	3980	10	amy. & red bed
3980	4038	58	amygdalite
4038	4257	219	amygdalite
4257	4257	0	amygdalite
4257	4291	34	amygdalite
4291	4291	0	amygdalite

FORMATION RECORD		EMULSIONS		DATES		TOOLS USED		SHOOTING RECORD		PUS AND CHAPTERS	
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