

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 067858
LEASE OR PERMIT TO PROSPECT _____

[illegible]

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
JUN 6 1958
U. S. GOVERNMENT PRINTING OFFICE
WASHINGTON, D. C.

LOG OF OIL OR GAS WELL

Company Pan American Petroleum Corporation Address Box 68 - Hobbs, New Mexico
Lessor or Tract USA Maceo Refineries B Field Empire Abo State New Mexico
Well No. 2 Sec. 11 T. 18S R. 27E Meridian NMPM County Eddy
Location 660 ft. NS of N Line and 660 ft. E of W Line of Section 11 Elevation 3561 RDB

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 Ralph J. Enduckov

Date June 25, 1958 Title Field Superintendent

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

Commenced drilling 4-26-58, 1958 Finished drilling 6-14-58, 1958

OIL OR GAS SANDS OR ZONES

(Denote aas by $\mathbb{G}$)

No. 1, from 5966 to 5966 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. 2, from _____ to _____

No. 3, 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
8-5/8	950	525	Howco		
5-1/2	6114	150	Howco		

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

TOOLS USED

Rotary tools were used from 0 feet to 634 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Completed ~~6-17-~~-----, 19-~~58~~----- Put to producing ----- **June 15**-----, 19-~~58~~-----

The production for the first 24 hours was 76 barrels of fluid of which 100% was oil; -----% emulsion; -----% water; and -----% sediment. Gravity, °Bé. 42°

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

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

EMPLOYEES

J. H. Bell -----, Driller
O. P. Givens -----, Driller
R. M. Smith -----, Driller
G. Strane -----, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	295	295	Red bed, red rock
295	489	194	Red bed, anhy.
489	1163	674	Anhy.
1163	1961	798	Anhy., sand
1961	2250	289	Sand, dolomite
2250	2309	59	Lime, sand
2309	2449	140	Lime
2449	2522	73	Lime, Dolomite
2522	2661	139	Lime
2661	2752	91	Lime, & Dolomite
2752	2904	152	Lime & Sand
2904	3484	580	Lime & Dolomite
3484	3545	61	Lime
3545	3614	69	Lime & Dolomite
3614	3970	356	Lime & Sand
3970	3980	10	Lime
3980	4201	221	Dolomite & Sand
4201	4560	359	Dolomite & Lime
4560	4605	45	Dolomite
4605	4834	229	Lime & Dolomite
4834	4853	19	Dolomite
4853	4925	72	Dolomite & Lime
4925	5113	188	Dolomite & Sand
5113	5274	161	Chert & Dolomite
5274	5613	339	Dolomite
5613	5644	31	Dolomite Lime
5644	5673	29	Dolomite

FROM—	TO—	TOTAL FEET	FORMATION
5075 5742 5774 5901	5742 5774 5901 6214	67 202 7 133	Dolomite shale Dolomite shale Dolomite shale Dolomite
Core No. 11 6010'-6011', recovered 12' grayish white rut dolomite w/very porosity and vertical fractures with oil staining throughout.			
Core No. 2: 6011'-41'			recovered 0' highly fractured gray to white dolomite with vertical porosity and bleeding oil.
Core No. 3: 6043'-63'			recovered 17' gray to white dolomite w/vertical fractures w/very porosity oil stained throughout.
Core San Andres 965' 1805' 5320'			

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 "sidetracked" 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