

udget Bureau No. 42-R355.4.
Approval expires 12-31-60.

FEB 25 1959

ARTESIA, NEW MEXICO

U. S. LAND OFFICE Las Cruces

SERIAL NUMBER LC 059152 (b)

LEASE OR PERMIT TO PROSPECT Lease

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Drilling & Exploration Co., Inc. Address Box 2075 Hobbs, New Mexico
Lessor or Tract Johns B Field Maljamar State New Mexico
Well No. 10 Sec. 24 T. 17S R. 32E Meridian NMPM County Lea
Location 1980 ft. ^N_{EX} of S Line and 1980 ft. ^{EX}_W of E Line of Section 24 Elevation 4075 KB
(Derive from relative to 6889)

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 D. C. Smith

Date February 23, 1959 Title Division Prod. Superintendent

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

Commenced drilling January 17, 1959 Finished drilling February 1, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4150 to 4170 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

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	176	175	Pump and plug		
5 1/2	4390	400	Pump and plug		

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 --4391----- feet, and from ----- feet to ----- feet

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

DATES

-----, 19----- Put to producing ----- February 21 ----- 19 59

The production for the first 24 hours was 199.20* barrels of fluid of which 100-% was oil; -----% emulsion; -----% water; and -----% sediment. Gravity, °Bé. 37.5

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

Rock pressure, lbs. per sq. in. ----- * Based on 49.80 bbls oil in 6 hours

EMPLOYEES

----- **Ray Hatcher** -----, Driller ----- **J. F. McDonald** ----- Driller

B. I. Strickland, Driller Jerry Lazine, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	60	60	Surface sand and caliche
60	1085	1025	Red Bed and Shale
1085	2270	1185	Anhydrite and Salt
2270	3410	1140	Anhydrite, Gypsum and Sand
3410	3450	40	Sand
3450	4170	720	Anhydrite and Sandy Dolomite
4170	4391	221	Dolomite
	4391		Total Depth
Radioactivity Log Tops:			
	Top Anhydrite	1085	
	Base Salt	2270	
	Top Greens	3411	
	Top Grayburg	3728	
	Top San Andres	4171	

