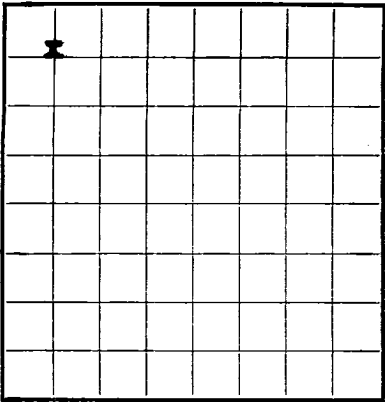




OCT 27 1959
ARTESIA, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Las Cruces
U. S. LAND OFFICE
SERIAL NUMBER L C 059152 (b)
LEASE OR PERMIT TO PROSPECT

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. 12 Sec. 24 T. 17S R. 32E Meridian NMPM County Lea
Location 660 ft. XX of N Line and 660 ft. XX of W Line of Section 24 Elevation 4083 KB
(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 [Signature]
Date October 23, 1959 Title Division Prod. Superintendent

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

Commenced drilling September 12, 1959 Finished drilling September 28, 1959

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

No. 1, from 4112 to 4122 No. 4, from _____ to _____
No. 2, from 4130 to 4140 No. 5, from _____ to _____
No. 3, from 4173 to 4178 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 5/8	32	8R		174	Guide				
4 1/2	9.5	8R		4392	Guide Shoe & Float collar	4112-4178			Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	186	150	Pump & Plug		
4 1/2	4402	400	Pump & 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 4403 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing October 22, 1959

The production for the first 24 hours was 223* barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 34.9

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 65 bbls oil, 7 hours.

EMPLOYEES

H. T. Valentine, Driller G. V. Strand, Driller
W. C. Smith, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	40	40	Surface sand and Caliche
40	1045	1005	Red Bed and Shale
1045	1120	75	Anhydrite
1120	2230	1110	Anhydrite and Salt
2230	3367	1137	Anhydrite, Gypsum and Sand
3367	3410	43	Sand with Anhydrite Streaks
3410	3920	510	Anhydrite and Sandy Dolomite
3920	4180	260	Dolomite and Sand
4180	4315	135	Dolomite
4315	4403	88	Dolomite with Shale Streaks
	4403		Total Depth
Log Tops:			
Top Anhydrite	1045		
Base Salt	2230		
Top Queen	3367		
Top Grayburg	3691		
Top San Andres	4183		

[illegible]