

U. S. LAND OFFICE Las CrucesSERIAL NUMBER 055374

LEASE OR PERMIT TO PROSPECT

Effie M. Day

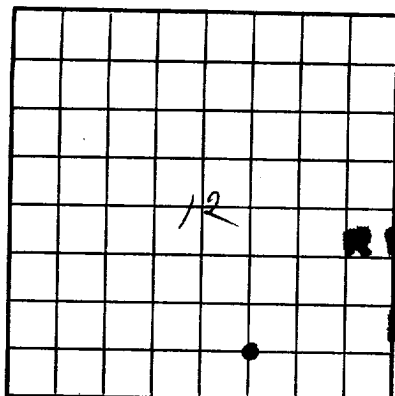
U. S. GEOLOGICAL SURVEY

Denver, Colorado

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY



RECEIVED

MAR 10 1977

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Dixon & Yates Oil Co., et al Address Box 397, Artesia, N. Mex.Lessor or Tract Effie M. Day Field Loco Hills State New MexicoWell No. 3 Sec. 12 T. 18 R. 29 Meridian N.M.P.M. County EddyLocation 660 ft. N of S Line and 1980 W of E Line of Sec. 12 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.

Signed IrishitanDate 10-16-43Title Superintendent

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

Commenced drilling June 22, 19 43 Finished drilling September 19, 19 43

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2680 to 2722 No. 4, from _____ to _____No. 2, from 2750 to 2773 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

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Pierced		Purpose
							From	To	
8 1/2"				355					Salt String
7" OD				2602					Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 1/2"	355	50	Halliburton		Circulated to surface
7" OD	2602	100	Halliburton		four tons

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
	5" & 3"	Nitro-glycerin	380	9-13-43	2680 to 2773	

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from 0 feet to 3037 feet, and from _____ feet to _____ feet

DATES

_____, 19 _____ Put to producing October 1, 19 43The production for the first 24 hours was 25 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

D. Denny, Driller Rex Roberts, DrillerA. G. Fred, Tool dresser Cecil V. Brazelton, Tool dresser

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	23	23	Sand & Caliche
23	140	117	Red Rock
140	205	65	Red Rock & Gyp Shells
205	355	150	Red Rock
355	380	25	Salt
380	400	20	Broken Anhydrite
400	490	90	Salt & Potash
490	505	15	Anhydrite
505	875	370	Salt & Potash
875	890	15	Anhydrite
890	1045	155	Salt
1045	1220	175	Anhydrite
1220	1305	85	Broken Anhydrite
1305	1370	65	Anhydrite
1370	1485	115	Broken Anhydrite
1485	1980	495	Anhydrite
1980	2100	120	Broken Anhydrite
2100	2208	108	Anhydrite
2208	2293	25	Red Sand
2293	2485	252	Anhydrite
2485	2495	10	Lime & Anhydrite
2495	2585	30	Lime
2585	2550	25	Lime & Shale
2550	2670	120	Lime
2670	2710	40	Sandy Lime

(OVER)

