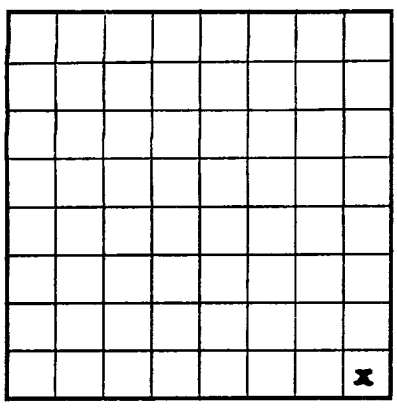
Form 9-330

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER N.M. 0697
LEASE OR PERMIT TO PROSPECT Lease



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Drilling & Exploration Co., Inc. Address Box 2075, Hobbs, New Mexico
Lessor or Tract Fletcher "A" Field Lynch State New Mexico
Well No. 2 Sec. 27 T 20 S R. 34 E Meridian NMPM County Lea
Location 330 ft. {N.} of S Line and 330 ft. {E.} of E Line of Section 27 Elevation 3713 (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 [illegible]

Date January 17, 1957 Title Division Prod. Superintendent

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

Commenced drilling November 12, 1956 Finished drilling January 14, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3506 to 3550 No. 4, from ____ to ____
No. 2, from 3660 to 3705 No. 5, from ____ to ____
No. 3, from ____ to ____ No. 6, from ____ to ____

IMPORTANT WATER SANDS

No. 1, from 940 to 950 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 From—	Perforated To—	Purpose
13 3/8	42#	8 R		70		70			Surface
10 3/4	32#	8 R		735		735			Cave String
8 5/8	24#	8 R		1282		1282			Water String
5 1/2	14 & 15.5	8 R		3648	Float				Oil String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5 1/2	3648	1650	Pump & Plug		

FOLD MARK

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 ____ feet to ____ feet, and from ____ feet to ____ feet
Cable tools were used from 0 feet to 3705 feet, and from ____ feet to ____ feet

DATES

____, 19____ Put to producing January 15, 1957

The production for the first 24 hours was 144 barrels of fluid of which 100 % was oil; ____ % emulsion; ____ % water; and ____ % sediment. Gravity, °Bé. 30.0

If gas well, cu. ft. per 24 hours ____ Gallons gasoline per 1,000 cu. ft. of gas ____
Rock pressure, lbs. per sq. in. ____

EMPLOYEES

R. M. Jones, Driller D. J. Hopper, Driller
H. Rickman, Driller A. R. Sprawls, Driller

FORMATION RECORD

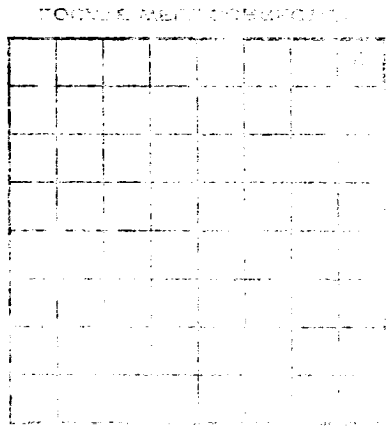
FROM—	TO—	TOTAL FEET	FORMATION	
0	50	50	Caleche & surface sand	
50	940	890	Red Shale	
940	980	40	Sand & broken Sand & Shale	
980	1125	145	Red Sandy Shale	
1125	1305	180	Red Shale	
1305	1585	280	Sandy Shale	
1585	1653	68	Anhydrite	
1653	1669	16	Blue shale	
1669	1780	111	Anhydrite	
1780	1850	70	Salt & Anhydrite	Top Salt 1780
1850	2450	600	Red Shale, Salt & Anhydrite	
2450	2940	490	Salt & Potash	
2940	3293	353	Salt & Anhydrite	Base Salt 3293
3293	3335	42	Anhydrite	
3335	3420	85	Lime & Anhydrite	
3420	3460	40	Lime	
3460	3515	55	Lime & Shale	Top Yates 3460
3515	3705	190	Lime & Sand	
	3705		Total Depth	Top Fay 3660

(OVER)

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

U. S. GOVERNMENT PRINTING OFFICE 6—6745

HISTORY OF OIL OR GAS WELL

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.