

X							

LOCATE WELL CORRECTLY

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER NM 082
LEASE OR PERMIT TO PROSPECT Lease

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 Mary I. Ballard Field Lynch State New Mexico
 Well No. 5 Sec. 22 T. 20S R. 34E Meridian N 11th County Log
 Location 330 ft. N of So. Line and 990 ft. E of W Line of Section 22 Elevation 3667.3
 (DER) (Derrick floor relative to W)

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.

Date December 3, 1962 Title Div. Prod. Supt.

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

Commenced drilling ~~October 22,~~ 19~~62~~ Finished drilling ~~November 25,~~ 19~~62~~

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3515 to 3637 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 885 to 915 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—	
13 3/8	48#	8		72'					Surface Protection Oil String
8 5/8	24#	8		1568'					
7	23#	8		3505'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	72'	50	Bailer		
8 5/8	1568'	350	Bailer		
7	3505	450	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 _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 3637 feet, and from _____ feet to _____ feet

DATES

-----, 19----- Put to producing December 1, 1962

The production for the first 24 hours was 240 barrels of fluid of which 100% was oil; -----% emulsion; -----% water; and -----% sediment. Gravity, °Bé. 30.2

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

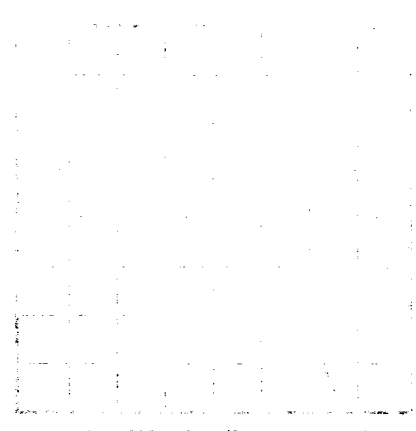
R. Rickman, Driller D. J. Hopper, Driller
R. B. McDarrell, Driller R. M. Jones, Driller

FORMATION RECORD

FROM--	TO--	TOTAL FEET	FORMATION
0	74	74	Surface sand & caliche
74	190	116	Red shale
190	350	160	Gray shale
350	675	325	Red shale
675	710	35	Sandy red shale
710	885	175	Red shale
88 5	915	30	Water sand
915	980	65	Sndy red shale
980	1547	567	Red shale
1547	1678	131	Anhydrite Top Anhy. 1547
1678	1730	52	Salt
1730	1755	25	Salt & blue shale
1755	1770	15	Salt, anhydrite & red shale
1770	1802	32	Anhydrite
1802	1810	8	Shale
1810	2050	240	Shale & Salt Top salt 2050
2050	3037	987	Salt Base salt 3037
3037	3058	21	Anhydrite
3058	3210	152	Shale & salt
3210	3235	25	Anhydrite & lime
3235	3405	170	Anhydrite Top Yates 3405
3405	3441	36	Lime
3441	3445	4	Sand
3445			Lime & sand Total Depth
	XXXX	XXXXXX	
	3637	192	3637

[OVER]

 $V_{\text{bias}} = 4.5 \text{ V}$ and



LOG OF OIL OR GAS WELL

Geological description of the well, including the nature of the rock formations, the depth of the well, the nature of the fluid, and the results of the tests. The text is written in a descriptive, narrative style, providing a detailed account of the well's history and the geological conditions encountered during its construction and operation.

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 bedding.

HISTORY OF OIL OR GAS WELL

FROM-	TO-	TOTAL FEET	FORMATION
0	10	10	Gravelly sand
10	20	20	Sand
20	30	30	Sand
30	40	40	Sand
40	50	50	Sand
50	60	60	Sand
60	70	70	Sand
70	80	80	Sand
80	90	90	Sand
90	100	100	Sand
100	110	110	Sand
110	120	120	Sand
120	130	130	Sand
130	140	140	Sand
140	150	150	Sand
150	160	160	Sand
160	170	170	Sand
170	180	180	Sand
180	190	190	Sand
190	200	200	Sand
200	210	210	Sand
210	220	220	Sand
220	230	230	Sand
230	240	240	Sand
240	250	250	Sand
250	260	260	Sand
260	270	270	Sand
270	280	280	Sand
280	290	290	Sand
290	300	300	Sand
300	310	310	Sand
310	320	320	Sand
320	330	330	Sand
330	340	340	Sand
340	350	350	Sand
350	360	360	Sand
360	370	370	Sand
370	380	380	Sand
380	390	390	Sand
390	400	400	Sand
400	410	410	Sand
410	420	420	Sand
420	430	430	Sand
430	440	440	Sand
440	450	450	Sand
450	460	460	Sand
460	470	470	Sand
470	480	480	Sand
480	490	490	Sand
490	500	500	Sand
500	510	510	Sand
510	520	520	Sand
520	530	530	Sand
530	540	540	Sand
540	550	550	Sand
550	560	560	Sand
560	570	570	Sand
570	580	580	Sand
580	590	590	Sand
590	600	600	Sand
600	610	610	Sand
610	620	620	Sand
620	630	630	Sand
630	640	640	Sand
640	650	650	Sand
650	660	660	Sand
660	670	670	Sand
670	680	680	Sand
680	690	690	Sand
690	700	700	Sand
700	710	710	Sand
710	720	720	Sand
720	730	730	Sand
730	740	740	Sand
740	750	750	Sand
750	760	760	Sand
760	770	770	Sand
770	780	780	Sand
780	790	790	Sand
790	800	800	Sand
800	810	810	Sand
810	820	820	Sand
820	830	830	Sand
830	840	840	Sand
840	850	850	Sand
850	860	860	Sand
860	870	870	Sand
870	880	880	Sand
880	890	890	Sand
890	900	900	Sand
900	910	910	Sand
910	920	920	Sand
920	930	930	Sand
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970	980	980	Sand
980	990	990	Sand
990	1000	1000	Sand