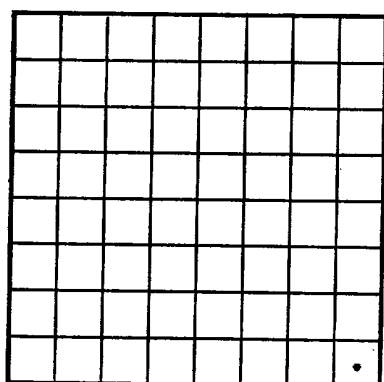


U. S. LAND OFFICE Las CrucesSERIAL NUMBER 028785

LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Mac T. Anderson Address c/o Mrs. Grace McDonald Phillips
Lessor or Tract Louis J. Root Field Grayburg State New Mexico
Well No. 5 Sec. 1 T. 17S R. 29E Meridian NMPM County Eddy
Location 660 ft. {N.} of S Line and 660 ft. {E.} of E Line of Section 1 Elevation _____
(Deriv. 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 Mac T AndersonDate Sept. 30, 1940Title Operator

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

Commenced drilling April 17, 19 40 Finished drilling August 13, 19 40

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1480 to 1490 O & G No. 4, from 2710 to 2713
No. 2, from 2685 to 2686 No. 5, from _____ to _____
No. 3, from 2631 to 2534 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—	
10"	40#	8	used	888'	Tex Pat	0			Surface
8-5/8"	28#	8	Atlas	2113'	Baker	2090'			Temporary
7"	20#	8	Atlas	2434'	Baker	0			Oil string

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10"	558'	50	Gibson	None used	None
8-5/8"	2113'	None	Hand	10#	10 aquagel & 20 skd mud
7"	2434'	100	Gibson	10#	100 sacks

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
	4-5"-30 qt	Nitro Glycer				
	4-5"-20 qt	"			2615-2735	
	5-2 1/2"-10 qt	"	Total			2735 to top
			250 qt. 8/10			

TOOLS USED

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

DATES

Put to producing August 13, 1940, 19 _____
The production for the first 24 hours was 236 barrels of fluid of which 100 % was oil; 0 %
emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 36.4
If gas well, cu. ft. per 24 hours not gas Gallons gasoline per 1,000 cu. ft. of gas not known
Rock pressure, lbs. per sq. in. not known

EMPLOYEES

Grant Uhl _____, Driller Joe Morris _____, Driller
D. G. Ash _____, Driller Joe L. Nicholson _____, Driller

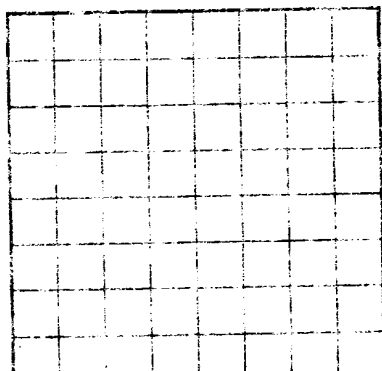
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	25		Red shale sandy
25	115		red rock & sand
115	240		red shale
240	370		anhy
370	385		white sandy lime
385	390		red bed
390	400		anhy
400	410		red bed
410	422		red shale
422	440		red rock & gyp
440	490		red shale & anhy
490	500		red bed
500	508		anhy
508	511		red beds
511	556		salt
556	560		potash & anhy
560	865		salt
765	775		salt & potash
775	810		salt, white
810	835		anhy & potash
835	890		salt & potash
890	1005		anhy
1005	1015		salt
1015	1020		anhy
1020	1035		anhy & red rock

FORMATION RECORD—Continued

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES



LOCATE WELL CORRECTLY

Company _____
Address _____
Field _____
State _____
County _____
Well No. _____
Location _____
Elevation _____
The information given herewith is a complete and correct record of the well and all work done thereon
no further can be determined from all available records.
This _____ signed _____
Date _____

The summary on this page is for the condition of the well at above date.
Completed drilling _____
Finished drilling _____

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

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____

IMPORTANT WATER SANDS

No. 1 from _____ to _____
No. 2 from _____ to _____

CASING RECORD

Size	Length	Material	Amount	Kind of joint	Cut and banded joints

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 "detached" or left in the well, give its size and location. If the well has been dynamited, give date, 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.

HISTORY OF OIL OR GAS WELL

FROM	TO	TOTAL FEET	FORMATION
1035	1045	1045	gray lime
1045	1055	1055	any & lime shells
1055	1065	1065	salt
1065	1075	1075	brown lime
1075	1130	1130	any
1130	1140	1140	any & brown shale
1140	1145	1145	salt
1145	1160	1160	any
1160	1210	1210	red bed
1210	1215	1215	red shale
1215	1230	1230	any
1230	1235	1235	red shale
1235	1245	1245	any
1245	1255	1255	red shale
1255	1270	1270	any
1270	1285	1285	red shale
1285	1290	1290	any
1290	1315	1315	red shale & any
1315	1460	1460	any
1460	1480	1480	any & gray lime
1480	1490	1490	any & brown lime
1490	1495	1495	any & lime
1495	1520	1520	brown lime
1520	1795	1795	any
1795	1855	1855	any & red shale
1855	2035	2035	any
2035	2050	2050	broken red sand
2050	2082	2082	FORMATION
2082	2092	2092	any & lime
2092	2104	2104	sand
2104	2113	2113	Driller
2113	2120	2120	any
2120	2125	2125	any
2125	2165	2165	any
2165	2200	2200	any
2200	2230	2230	any
2230	2240	2240	any
2240	2255	2255	any
2255	2285	2285	any
2285	2290	2290	any
2290	2310	2310	any
2310	2345	2345	any
2345	2365	2365	any
2365	2390	2390	any
2390	2400	2400	any
2400	2415	2415	any
2415	2470	2470	any
2470	2480	2480	any
2480	2498	2498	any
2498	2520	2520	any
2520	2540	2540	any
2540	2560	2560	any
2560	2570	2570	any
2570	2587	2587	any
2587	2600	2600	any
2600	2624	2624	any
2624	2631	2631	any
2631	2634	2634	any
2634	2638	2638	any
2638	2639	2639	any
2639	2641	2641	any
2641	2652	2652	any