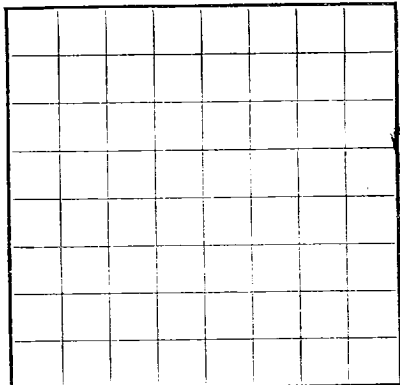


Form 9-330

U. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT
N.M. 024759

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

Company Waters & Williamson Address Box 144
Lessor or Tract Todhunter Field N. C. State New Mex.
Well No. 1 Sec. 22 T. 14 R. 28 Meridian
Location 660 ft. N of 14 Line and 600 ft. E of Section 22 Elevation
S W (Derrick foot 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 M. C. Williams
Date 8-30-58 Title Gen. Mgr.

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

Commenced drilling 8-8, 1958 Finished drilling 8-24, 1958

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

No. 1, from None to 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 90 to 100 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#	8		170'	Tex. Pat.				Shut off service water

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	170'			12 lb.	4 tons

PLUGS AND ADAPTERS

Heaving plug—Material none Length Depth set
Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
	none					

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet
Cable tools were used from surface feet to 1574 feet, and from feet to feet

DATES

Put to producing
The production for the first 24 hours was barrels of fluid of which % 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

Morris Tidmore, Driller
D. L. Kornegay, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	3		Top Soil
3	5		Gyp
5	90		Red shale
90	95		Red shale
95	100		Sand & water
100	140		Shale & Anhy.
140	160		Red shale
160	170		Red Bed
170	225		Red Bed, Anhy. & salt
225	235		Broken salt
235	260		Anhy., Red Shale & Salt
260	320		Salt, Red Bed & Anhy.
320	355		Anhy.
355	405		Anhy.
405	435		Anhy.
435	475		Anhy., Lime & Red Bed
475	485		Red Shale & Anhy.
485	495		Hard Sand
495	505		Shale & Anhy.
505	540		Anhy., Red Bed
540	548		Red Shale
548	565		Anhy.
565	570		Red Shale
570	610		Anhy., Sand & Shale
610	620		Lime

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
620	655		Anhy.
655	665		Anhy.
665	675		Anhy.
675	705		Anhy.
705	730		Anhy. Lime
730	765		Anhy.
765	805		Anhy.
805	845		Anhy.
845	890		Anhy.
890	925		Anhy. Red Bed
925	955		Red Bed & Anhy.
955	990		Anhy., Shale
990	1015		Anhy.
1015	1025		Red Shale
1025	1040		Shale
1040	1060		Shale & Anhy.
1060	1085		Anhy.
1085	1095		A Red Shale
1095	1135		Red Shale & Anhy.
1135	1160		Anhy.
1160	1174		Anhy.
1174	1185		Anhy.
1185	1190		Red Shale
1190	1195		Anhy., Salt & Sand
1195	1202		Anhy, and Show of sand
1202	1203		Anhy. & sand
1203	1205		Sand - Dead Oil
1205	1207		Sand - Dead Oil
1207	1209		Sand - Stain of oil
1207	1212		Sand $\frac{1}{2}$ Bailer Water Hr.
1212	1215		Sand
1215	1218		Sand
1218	1225		Anhy.
1225	1250		Anhy.
1250	1275		Anhy. and Lime
1275	1282		Hard Lime
1282	1285		Blue Shale
1285	1290		Lime
1290	1308		Salt and anhy.
1208	1320		Red Shale
1320	1348		Sandy Red Shale
1348	1371		Sandy Red Shale
			Total Depth 1371

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

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.