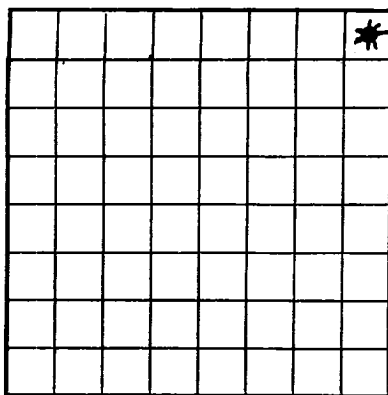


U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **03154**
LEASE OR PERMIT TO PROSPECT **Lease**

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**RECEIVED**
JUN 8 1960
D. C. C.
ARTESIA, OFFICE**LOG OF OIL OR GAS WELL**Company **Pecos Oil Company** Address **106-A Tams St., El Paso, Texas**
Lessor or Tract **Max Friess** Field **Robinson-Caryburg** State **New Mexico**
Well No. **15** Sec. **1** T. **17S** R. **31E** Meridian **N.M.P.M.** County **Eddy**
Location **330 ft. {S.} of North line** and **330 ft. {W.} of East line of Section 1** - Elevation **1060' G.L.**
(Derives 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 **Max Grizinger**
Title **Partner of Partnership**Date **June 4, 1960**

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

Commenced drilling **March 15,** 19 **60** Finished drilling **March 31,** 19 **60****OIL OR GAS SANDS OR ZONES**

(Denote gas by G)

No. 1, from **3096'** to **3108'** No. 4, from _____ to _____
No. 2, from **3706'** to **3710'** 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	Perforated		Purpose
							From—	To—	
5 1/2"	12.7	1 1/2"	Halliburton	823.46	Double Flare	Surface	0	823.46	Surface string
5 1/2"	12.7	1 1/2"	Halliburton	175.30	Double Flare	823.46	0	823.46	Oil string

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
6 5/8"	833'	75 sacks inner	Halliburton		
5 1/2"	3755'	25 sacks inner	Halliburton		
		25 sacks outer	Halliburton		
		25 sacks inner	Halliburton		
		25 sacks outer	Halliburton		
		25 sacks inner	Halliburton		
		25 sacks outer	Halliburton		
		25 sacks inner	Halliburton		
		25 sacks outer	Halliburton		

PLUGS AND ADAPTERSHeaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____**SHOOTING RECORD**

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USEDRotary tools were used from **surface** feet to **3965' T.D.** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet**DATES**

_____, 19____ Put to producing _____, 19____

The production for the first 24 hours was **13 1/2** barrels of fluid of which **1 1/2%** was oil; _____ %
emulsion; **130** % water; and **1 1/2%** sediment. Gravity, °Bé. **25 estimated**If gas well, cu. ft. per 24 hours **1,504,000** Gallons gasoline per 1,000 cu. ft. of gas **350**Rock pressure, lbs. per sq. in. **975 lbs.** Gravity **1.650****EMPLOYEES****H. C. Bonds**, Driller **Carl Bolt**, Driller
J. C. Dillard, Driller _____, Driller**FORMATION RECORD**

FROM—	TO—	TOTAL FEET	FORMATION
		823.46	Top Anhydrite
		1920'	Base Salt
1920	1960	40	Salt & Anhydrite
1960	1970	10	" "
1970	2000	30	" "
2000	2040	40	" "
2040	2080	40	" "
2080	2160	80	Anhydrite
2160	2190	30	Salt & "
2190	2260	70	Anhydrite & red sand
2260	2310	50	" "
2310	2360	50	" "
2360	2400	40	" "
2400	2450	50	" "
2450	2510	60	" "
2510	2560	50	" "
2560	2600	40	" "
2600	2650	50	" "
2650	2700	50	" "
2700	2750	50	" "
2750	2800	50	" "
2800	2850	50	" "
2850	2900	50	" "
2900	2950	50	" "
2950	3000	50	" "

(OVER)

16-43094-2

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
3080	3080	80	Argillite
3100	3100	20	"
3120	3120	20	"
3140	3140	20	"
3160	3160	20	"
3170	3170	10	"
3180	3180	10	"
3230	3230	50	"
3290	3290	60	"
3380	3380	90	"
3390	3390	10	"
3400	3400	10	"
3460	3460	60	"
3470	3470	10	"
3480	3480	10	"
3500	3500	20	"
3510	3510	10	"
3570	3570	60	"
3600	3600	30	"
3675	3675	75	"
3680	3680	10	"
3700	3700	20	"
3703	3703	3	"
3705	3705	2	"
3711	3711	6	"
3712	3712	1	"
3724	3724	12	"
3727	3727	3	"
3729	3729	2	"
3731	3731	2	"
3733	3733	2	"
3739	3739	6	"
3742	3742	3	"
3750	3750	8	"
3790	3790	40	"
3803	3803	13	"
3805	3805	2	"
3807	3807	2	"
3808	3808	1	"
3820	3820	12	"
3823	3823	3	"
3836	3836	13	"
3839	3839	3	"
3841	3841	2	"
3842	3842	1	"
3846	3846	4	"
3847	3847	1	"
3851	3851	4	"
3852	3852	1	"
3853	3853	1	"
3855	3855	2	"
3858	3858	3	"
3859	3859	1	"
3860	3860	1	"
3864	3864	4	"
3865	3865	1	"
3900	3900	35	"
3901	3901	1	"
3902	3902	1	"
3903	3903	1	"
3904	3904	1	"
3905	3905	1	"
3906	3906	1	"
3907	3907	1	"
3908	3908	1	"
3909	3909	1	"
3910	3910	1	"
3911	3911	1	"
3912	3912	1	"
3913	3913	1	"
3914	3914	1	"
3915	3915	1	"
3916	3916	1	"
3917	3917	1	"
3918	3918	1	"
3919	3919	1	"
3920	3920	1	"
3921	3921	1	"
3922	3922	1	"
3923	3923	1	"
3924	3924	1	"
3925	3925	1	"
3926	3926	1	"
3927	3927	1	"
3928	3928	1	"
3929	3929	1	"
3930	3930	1	"
3931	3931	1	"
3932	3932	1	"
3933	3933	1	"
3934	3934	1	"
3935	3935	1	"
3936	3936	1	"
3937	3937	1	"
3938	3938	1	"
3939	3939	1	"
3940	3940	1	"
3941	3941	1	"
3942	3942	1	"
3943	3943	1	"
3944	3944	1	"
3945	3945	1	"
3946	3946	1	"
3947	3947	1	"
3948	3948	1	"
3949	3949	1	"
3950	3950	1	"
3951	3951	1	"
3952	3952	1	"
3953	3953	1	"
3954	3954	1	"
3955	3955	1	"
3956	3956	1	"
3957	3957	1	"
3958	3958	1	"
3959	3959	1	"
3960	3960	1	"
3961	3961	1	"
3962	3962	1	"
3963	3963	1	"
3964	3964	1	"
3965	3965	1	"
3966	3966	1	"
3967	3967	1	"
3968	3968	1	"
3969	3969	1	"
3970	3970	1	"
3971	3971	1	"
3972	3972	1	"
3973	3973	1	"
3974	3974	1	"
3975	3975	1	"
3976	3976	1	"
3977	3977	1	"
3978	3978	1	"
3979	3979	1	"
3980	3980	1	"
3981	3981	1	"
3982	3982	1	"
3983	3983	1	"
3984	3984	1	"
3985	3985	1	"
3986	3986	1	"
3987	3987	1	"
3988	3988	1	"
3989	3989	1	"
3990	3990	1	"
3991	3991	1	"
3992	3992	1	"
3993	3993	1	"
3994	3994	1	"
3995	3995	1	"
3996	3996	1	"
3997	3997	1	"
3998	3998	1	"
3999	3999	1	"
4000	4000	1	"

Gas production is based on 3 hours test by Phillips Petroleum Company, which company will purchase the gas.

4-8 bbls. of oil per day - gravity - 25

130 bbls. of salt water per day.

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 "struck" 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.

HISTORY OF OIL OR GAS WELL

Perforated: (about 100' - 110') at 3096' - 3103' & 3107' to sand-cren with 39,000 lbs. of 20-40 sand and 24,700 gals. of refined oil.

Perforated: (about 100' - 110') at 3105' and attempted to free them 54' - 110' using with maximum pressure of 3000 lbs. but could not break down formation. Let hole fill up with two sand to about 3160'.

Results: Well is producing 1,584,000 cu. ft. of gas per day - .350 GPM. 1,584,000 cu. ft. of gas per day - .350 GPM. 1,584,000 cu. ft. of gas per day - .350 GPM.

RECEIVED

JUN 8 1938