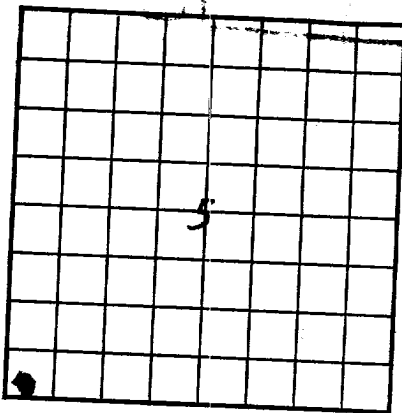


Las Cruces
U. S. LAND OFFICE
SERIAL NUMBER 029406
Permit
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

NOV 14 1951

LOG OF OIL OR GAS WELL

OIL CONSERVATION COMMISSION
HOBBS OFFICE

Company **Maljanar Oil & Gas Corp.** Address **Artesia, New Mexico**
Lessor or Tract **Grace Mitchell Permit** Field **Maljanar** State **New Mexico**
Well No. **1** Sec. **5** T. **17** R. **32** Meridian **N.M.P.M.** County **Lea**
Location **250** (N.) of **8** line and **250** (E.) of **4** line of **Sec. 5** Elevation **4050**
(Denote gas by G)

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 **July 15, 1929**

Signed:

Title

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

Commenced drilling **March 16**Finished drilling **February 29**

OIL OR GAS SANDS OR ZONES

No. 1, from **2570** to **2575** No. 4, from **3735** to **3777**
No. 2, from **3040** to **3055** No. 5, from **4103** to **4109-6**
No. 3, from **3143** to **3160** No. 6, from **4109** to **4124**

IMPORTANT WATER SANDS

No. 1, from **665** to **725** No. 3, from **725** to **725**
No. 2, from **725** to **725** No. 4, from **725** to **725**

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
12 1/2	50	10	DEX	770'	Texas	None		
8 1/2	24	8	DEX	2779'	None			
6-5/8	24	8	DEX	3645'	None			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
12 1/2	770'	Mudded	Complete water shut off		
8 1/2	2779'	Mudded to bottom of salt			

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosite used	Quantity	Time	Depth shot	Depth cleaned out
5"	Nitro Glycerin	35	260	378/27	2785'	3800'

TOOLS USED

Rotary tools were used from **None** feet to **None** feet, and from **None** feet to **None** feet
Cable tools were used from **0** feet to **4230'** feet, and from **None** feet to **None** feet

DATES (D.L.K.)

Put to producing **March 12,** **29**
Barrels of fluid of which **100** % was oil, **No** %
Gravity, °Bé. _____
Gallons gasoline per 1,000 cu. ft. of gas **None**
The production for the first 24 hours was **100**
emulsion, **No** % water; and **No** % sediment.
If gas well, cu. ft. per 24 hours **None**
Back pressure, lbs. per sq. in. **31**

EMPLOYEES

_____, Driller
_____, Driller
_____, Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	10	10	Cellar (CLSA) 10'
10	15	15	Cyp (CLSA) 5'
15	30	15	Red Clay (CLSA) 15'
30	70	40	Red Clay (CLSA) 40'
70	75	5	Line Shells (White) 5'
75	275	200	Red beds 200'
275	277	2	Line Shells (White) 2'
277	427	150	Red beds 150'
427	450	23	Line Shells (Broken) 23'
450	650	200	Red beds 200'
650	660	10	Sand (Water) 10'
660	665	5	Red bed 5'
665	675	10	Sand (Water) 10'
675	725	150	Sandy formation (Water) 150'
725	770	45	Red beds (Broken) 45'
770	790	20	Line (Broken) 20'
790	945	155	Red beds & Line Shells T. S. 155'
945	1015	70	Salt (Broken) 70'
1015	1975	930	Salt B. S. 930'
1975	1985	10	Line (Gray) 10'
1985	2010	25	Line (Broken with Salt) 25'
2010	2315	305	Line and Red beds 305'
2315	2320	5	Sand (Red) 5'
2320	2420	100	Line and Red beds (Broken) 100'
2420	2440	20	Line (Gray) 20'
2440	2550	110	Line and Red beds 110'

FORMATION RECORD—Continued

10-4894-2

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

A blank sheet of graph paper with a grid pattern. The grid consists of 10 columns and 8 rows of squares. There are some faint marks and a small dark spot near the bottom center of the page.

LOCATE WELL CORRECTLY

at 3675, this being the old store of the late 27 house. It produced 100 barrels of fluid, same being set in this well 250 cent 1011 at 13 degrees of gravity. The well was shot on March 8, 1927 and was placed in at depth of 1000 feet and the well as far as can be determined from all available records.

That in August 1926, when drilling was started with the standard drilling tools, it was found that the hole was crooked and it had to be drilled up with rocks and redrilled which was done. 12 1/2" casing was set below the surface water table and the well was then drilled through the shale to a depth of 110 feet. The well was mudded at 7 1/2 feet. The water was run and mudded to the base of the sand. There was a slight show of oil at 2570 feet. This was a very light showing. There was another light showing at 3070 feet. The sand was slightly showing at 3145 and at 3735 to 3777 there was a very good showing of oil and it is from this depth that the present time is being produced. The well is drilled to 4230 feet, being a slight show of oil at 4101 to 4109, and a slight show of oil at 4109 to 4127. There were no important water sands penetrated except from 605 to 725. The well was drilled at 3800' and shot with 260 quarts of Nitro Glycerin from 3735 to 3785, there being no pay in commercial quantities under the 3800' level.

and was approved by the Deputy Supervisor on March 15, 1926. The actual drilling of this well was started with a water drilling machine immediately upon approval of said, No. 10 and was drilled to a depth of 500 feet on April 28, 1926, and at this depth the water drilling machine was moved and a standard derrick built over the hole.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of rebedding, together with the reasons for the work and the 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 plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing. or shots.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

NUDDING AND CEMENTING RECORD

[illegible]

PLUGS AND ADAPTERS

Adapters—Material	Size	Length	Depth set
Heaving block—Material			

SHOOTING RECORD

FORMATION	DEPTH (Feet)	TEMPERATURE (°F)	PRESSURE (lb. per sq. in.)	WELL LOG
Red and Red Beds	100	210	210	100
Red and Red Beds	110	215	215	110
Red and Red Beds	120	220	220	120
Red and Red Beds	130	225	225	130
Red and Red Beds	140	230	230	140
Red and Red Beds	150	235	235	150
Red and Red Beds	160	240	240	160
Red and Red Beds	170	245	245	170
Red and Red Beds	180	250	250	180
Red and Red Beds	190	255	255	190
Red and Red Beds	200	260	260	200
Red and Red Beds	210	265	265	210
Red and Red Beds	220	270	270	220
Red and Red Beds	230	275	275	230
Red and Red Beds	240	280	280	240
Red and Red Beds	250	285	285	250
Red and Red Beds	260	290	290	260
Red and Red Beds	270	295	295	270
Red and Red Beds	280	300	300	280
Red and Red Beds	290	305	305	290
Red and Red Beds	300	310	310	300
Red and Red Beds	310	315	315	310
Red and Red Beds	320	320	320	320
Red and Red Beds	330	325	325	330
Red and Red Beds	340	330	330	340
Red and Red Beds	350	335	335	350
Red and Red Beds	360	340	340	360
Red and Red Beds	370	345	345	370
Red and Red Beds	380	350	350	380
Red and Red Beds	390	355	355	390
Red and Red Beds	400	360	360	400
Red and Red Beds	410	365	365	410
Red and Red Beds	420	370	370	420
Red and Red Beds	430	375	375	430
Red and Red Beds	440	380	380	440
Red and Red Beds	450	385	385	450
Red and Red Beds	460	390	390	460
Red and Red Beds	470	395	395	470
Red and Red Beds	480	400	400	480
Red and Red Beds	490	405	405	490
Red and Red Beds	500	410	410	500
Red and Red Beds	510	415	415	510
Red and Red Beds	520	420	420	520
Red and Red Beds	530	425	425	530
Red and Red Beds	540	430	430	540
Red and Red Beds	550	435	435	550
Red and Red Beds	560	440	440	560
Red and Red Beds	570	445	445	570
Red and Red Beds	580	450	450	580
Red and Red Beds	590	455	455	590
Red and Red Beds	600	460	460	600
Red and Red Beds	610	465	465	610
Red and Red Beds	620	470	470	620
Red and Red Beds	630	475	475	630
Red and Red Beds	640	480	480	640
Red and Red Beds	650	485	485	650
Red and Red Beds	660	490	490	660
Red and Red Beds	670	495	495	670
Red and Red Beds	680	500	500	680
Red and Red Beds	690	505	505	690
Red and Red Beds	700	510	510	700
Red and Red Beds	710	515	515	710
Red and Red Beds	720	520	520	720
Red and Red Beds	730	525	525	730
Red and Red Beds	740	530	530	740
Red and Red Beds	750	535	535	750
Red and Red Beds	760	540	540	760
Red and Red Beds	770	545	545	770
Red and Red Beds	780	550	550	780
Red and Red Beds	790	555	555	790
Red and Red Beds	800	560	560	800
Red and Red Beds	810	565	565	810
Red and Red Beds	820	570	570	820
Red and Red Beds	830	575	575	830
Red and Red Beds	840	580	580	840
Red and Red Beds	850	585	585	85

FORMATION RECORD-Continued