

U. S. LAND OFFICE **Artesia**
SERIAL NUMBER **MM6370**
LEASE OR PERMIT TO PROSPECT _____UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYRECEIVED
FEB 15 1960O. C. C.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Sun Oil Company** Address **Box 2792, Odessa, Texas**
Lessor or Tract **English-Federal** Field **Unamed** State **N. M.**
Well No. **3** Sec. **20** T. **19S** R. **31E** Meridian **NMPK** County **Eddy**
Location **1986** ft. $\left\{ \begin{smallmatrix} N. \\ S. \end{smallmatrix} \right\}$ of **3** Line and **1986** $\left\{ \begin{smallmatrix} E. \\ W. \end{smallmatrix} \right\}$ of **E** Line of **Sec 20** Elevation **3472**
(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 **D. J. Wright**Date **February 10, 1960** Title **Area Superintendent**

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

Commenced drilling **January 4,** 19 **60** Finished drilling **January 10,** 19 **60**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2124** to **2223** 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 _____ 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—	
8 5/8	24	8R	IS	600.89	Larkin				
5 1/2	14	8R	Longwell	119.31	Behr		2140.4	2155.0	
2" BUE	4.74	8R	Best	2134.14			2146.74		

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	620	280	Pump	9.2	
5 1/2	2225	200	Pump	10.4	14.7 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
Not shot - washed w/250 gal mud acid. Squeezed 1 bbl acid into formation w/1050# press. Swabbed. Treated w/20,000 gal lvs oil w/20 gal of J-97 Fluid Loss Additive per 1000 gal oil and 2# Sand/gal - in two stages.						

TOOLS USED

Rotary tools were used from **0** feet to **2225** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

February 8, 19 **60** Put to producing **February 5,** 19 **60**
The production for the first 24 hours was **90.01** barrels of fluid of which **46** % was oil; _____ %
emulsion; **2** % 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

J. D. High _____, Driller **W. J. Hight** _____, Driller
H. W. High _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	375	375	Red Bed & Anky.
	620	245	Anky.
	1745	1125	Salt & Anky.
	2044	299	Anky. & Lime
	2105	61	Anky. & Gyp
	2117	12	Anky.
	2225	108	Anky. & Lime

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D. C.
20500

HISTORY OF OIL OR GAS WELL

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. Notes: We are attaching three copies each of temperature survey, sonic log and

Intervlog.

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HISTORY OF OIL OR GAS WELL			
16-43004-1 U. S. GOVERNMENT PRINTING OFFICE			
GENERAL INFORMATION			
Name of well			
Location			
Date of completion			
Depth of well			
Production			
Remarks			
Tools used			
Dates			
Employees			
Formation record			
Notes			