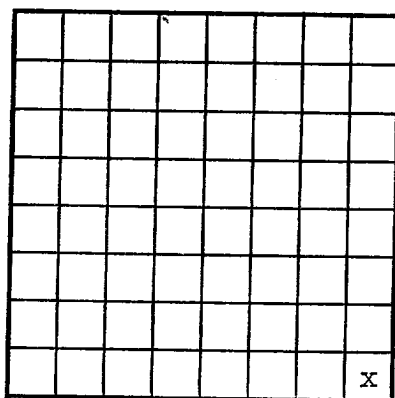


U. S. LAND OFFICE 029415-b

SERIAL NUMBER Las Cruces

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Emperor Oil Company Address 1810 Electric Bldg., Ft. Worth, TexasLessor or Tract Emperor Oil Company Field Majamar State New MexicoWell No. 11-B Sec. 25 T. 17 R. 31 Meridian N.M.P.M. County EddyLocation 660 ft. {N.} of S Line and 660 ft. {E.} of W. Line of SE $\frac{1}{4}$ SE $\frac{1}{4}$ of 25 Elevation 3860
(Derrick 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 Bill E. KingDate December 14, 1951Title Superintendent

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

Commenced drilling October 6, 1951 Finished drilling November 30, 1951

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3645 to 3652 No. 4, from _____ to _____No. 2, from 3566 to _____ No. 5, from _____ to _____No. 3, from 3916 to 3939 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 540 to 550 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 1/2"	It broke on pulling cable but in to test for water. This kind of casing was used for the purpose of running or pulling.								
7 1/2"	It broke on pulling cable but in to test for water. This kind of casing was used for the purpose of running or pulling.								
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 1/2"	976	50 sacks	Denton O. W. Cementing Co.		
7	3535 1/2"	150 sacks	Denton O. W. Cementing Co.		

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"		Nitro	90 qts.	11-27	3916 - 3939	3939

TOOLS USED

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

Cable tools were used from _____ feet to 3939 feet, and from _____ feet to _____ feet

DATES

November 30, 1951 Put to producing November 30, 1951The production for the first 24 hours was 37 barrels of fluid of which 100% 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

H. S. Guinan _____, Driller _____, Driller

H. J. Whitaker _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	10	10	Sand
10	20	10	Caliche
20	540	520	Red bed
540	550	10	Water sand 2 bbls. per hr.
550	757	207	Anhydrite
757	785	28	Red bed
785	913	128	Anhydrite
913	932	19	Red bed
932	945	13	Salt
945	1940	995	Salt
1940	3502	1562	Anhydrite
3502	3645	143	Lime
3645	3652	7	Show of oil
3652	3916	264	Lime
3916	3939	23	Lime Pay T. D.
FROM—	TO—	TOTAL FEET	FORMATION

FORMATION RECORD—Continued

FCB
TRAFFIC

72-7304-1

WAM 3105

16-43094-1

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.