

U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **LC 068064**
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

ARTIST'S SURVEY
ARTISTIA, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Western Oil Fields, Inc. Address Box 1147, Hobbs, New Mexico
 Lessor or Tract Grier Field Square Lake State New Mexico
 Well No. 14 Sec. 20 T. 16S R. 31E Meridian NMPM County Eddy
 Location 1980 ft. N. of S. Line and 660 ft. E. of W. Line of Sec. 20 Elevation 3980
 (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.

Date January 30, 1962 Title Consult Petr. Engr.

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

Commenced drilling November 9, 1961 Finished drilling December 29, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1 from 3562 to 3576 No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 2710 to 2738 No. 3, from _____ to _____

No. 2, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	581	50	Pump & Plug		
8 5/8	2770	Pulled & Recovered			35 sacks Jel
5 1/2	3604	76	Pump & Plug		

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

TOOLS USED

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

Cable tools were used from Surface feet to 3610 feet, and from ----- feet to ----- feet.

DATES

-----**January 30**-----, 19--**62** Put to producing -----**January 29**-----, 19--**62**

The production for the first 24 hours was 19 barrels of fluid of which 100% was oil; -----% emulsion Trace% 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

John Kelly, Driller

A. Hilcox, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	75	75	Sand, Caliche, Red Bed
75	581	506	Red Bed, Shale, Anhydrite
581	750	169	Anhydrite
750	1180	430	Salt
1180	1200	20	Anhydrite
1200	1700	500	Salt
1700	2150	450	Anhydrite & Shale
2150	2700	550	Anhydrite & Lime
2700	2738	38	Red Sand
2738	2900	162	Anhydrite
2900	3530	630	Lime & Dolomite
3530	3610 T.D.	80	Sand, Lime, Dolomite
		<u>TOPS</u>	
		750	Salt
		2690	Red Sand
		3194	Grayburg
		3396	San Andres

[OVER]

1A-48094-4

