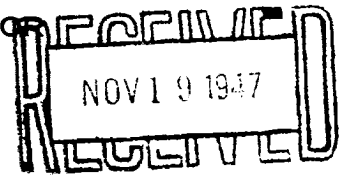


U. S. LAND OFFICE Las Cruces, N. M.
SERIAL NUMBER 032983-4
LEASE OR PERMIT TO PROSPECT 31029

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL ^{HOB}

LOCATE WELL CORRECTLY

Company Humble Oil & Refining Company Address P. O. Box 2180, Houston, Texas
Lessor or Tract Federal Towers A Field Towers State New Mexico
Well No. A-16 Sec. 30 T. 16-N R. 38-E Meridian - County Lea
Location 660 ft. N. of S. Line and 1980 ft. E. of W. of E. Line of Sec. 30 Elevation 3652
(Vertical Section)

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 *[Signature]*
Title Assistant Division Superintendent

Date November 17, 1947

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

Commenced drilling October 25, 1947 Finished drilling November 6, 1947

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 1470 to 2800 No. 4, from _____ to _____
 No. 2, from 2800 to 3218 No. 5, from _____ to _____
 No. 3, from 3218 to 3225 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, 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
2-3/8	261.48	150 lbs. Star	Calliburton		
3-1/2	3151.41	1000 lbs. Star	"		
"	3151.41	50 lbs. Star	"		

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
	Completed Natural					

TOOLS USED

Rotary tools were used from surface feet to 3225 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

-----~~November 14~~-----, 19----- Put to producing -----~~November 10~~-----, 19-**47**
The production for the first 24 hours was ~~120~~ barrels of fluid of which ~~20~~ % was oil: ----- %
emulsion; ----- % water; and ----- % sediment. Gravity. °Bé. ~~40.3~~

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. _____ Tubing pressure 75

EMPLOYEES		Casing Pressure 420
H. T. Lovelady	Driller	J. D. Kendrick
A. S. Box	Driller	

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	781	781	Caliche & Red Bed
781	1465	684	Red Bed & Shells
1465	2015	550	Anhy. Salt & Shells
2015	2550	535	Salt, Shells & Gyp
2550	2805	255	Gyp & Anhy.
2805	2980	175	Gyp & Anhy.
2980	3165	185	Anhy. & Gyp
3165	3285	60	Anhy, Gyp, & Sand
3285	3285	0	Anhy.

