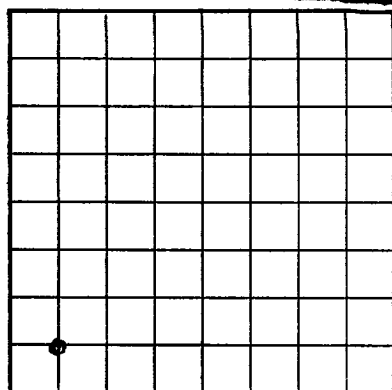
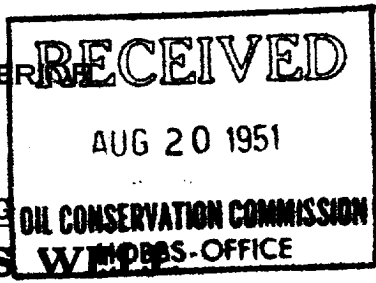


U. S. LAND OFFICE Las Cruces  
SERIAL NUMBER 029405-B  
LEASE OR PERMIT TO PROSPECT Lea



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY



DEEPENING LOG  
LOG OF OIL OR GAS WELLS

LOCATE WELL CORRECTLY

Company Buffalo Oil Company Address Artesia, New Mexico  
Lessor or Tract Wm. Mitchell Field Maljamar State New Mexico  
Well No. B-8 Sec. 20 T. 17S R. 32E Meridian N.M.P.M. County Lea  
Location 660 ft. N. of S. Line and 660 ft. E. of W. Line of Sec. 20 Elevation 3950  
(Denote 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 /s/ H. G. Ellis

Date April 30, 1946 Title Superintendent

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

Commenced drilling March 15, 1946 Finished drilling March 21, 1946

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3940 to 4013 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 None 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-	
		No change							

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
		No change			

PLUGS AND ADAPTERS

Heaving plug—Material None Length \_\_\_\_\_ Depth set \_\_\_\_\_  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
<u>4 1/2"</u>	<u>Tin</u>	<u>Nitroglycerin</u>	<u>200 qt</u>	<u>3-22</u>	<u>4000-3939</u>	
<u>4 1/2"</u>	<u>Tin</u>	<u>"</u>	<u>160 "</u>	<u>3-23</u>	<u>3808-3760</u>	<u>4013</u>

TOOLS USED

Beckman, Inc. Reverse Circulation  
Rotary tools were used from 3809 feet to 4013 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

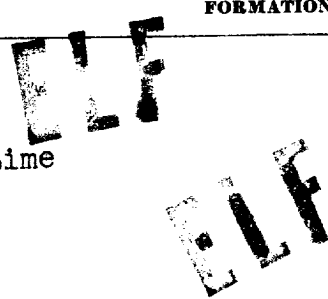
April 17, 1946 Put to producing \_\_\_\_\_, 19\_\_\_\_  
The production for the first 4 hours was 45 barrels of fluid of which 100 % was oil; \_\_\_\_\_ %  
emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, °Bé. 39  
If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. \_\_\_\_\_

EMPLOYEES

Beckman, Inc., Driller T. L. Evans, Driller  
J. W. Handley, Driller \_\_\_\_\_, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
<u>3809</u>	<u>4013</u>	<u>204</u>	<u>Lime</u>



FOLD MARK

FORMATION RECORD-Continued

Table with columns: FROM, TO, TOTAL FEET, DATE, FORMATION. Includes sections for EMPLOYEES, LOGS USED, SHOOTING RECORD, and HISTORY OF OIL OR GAS WELL.

HISTORY OF OIL OR GAS WELL

16-43004-1 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.

Table with columns: Date, Description, etc.

CASING RECORD

Table with columns: Depth, Diameter, etc.

IMPORTANT WATER SANDS

Table with columns: Depth, etc.

OIL OR GAS SANDS OR ZONES

Commenced drilling... Finished drilling...

The summary on this page is for the completion of the well...

so far as can be determined from all available records.

The information given herewith is a complete and correct record of the well and all work done thereon.

Location of well (XX) of 2" line and 800 ft (XX) of 1 1/2" line of 280' 50'

Well No. B-2 280' 50' L. T. B. 280' 50' M. K. E. K. County, Texas

Owner of tract Mr. Mitchell Right of way State New Mexico

Company BENTLEY OIL COMPANY Address Amarillo, New Mexico

LOCATE WELL CORRECTLY

Grid for locating well correctly.

LOG OF OIL OR GAS WELL RECEIVED stamp from the Office of Conservation Commission, U.S. Geological Survey, Department of the Interior, United States.

LEVEL OF BENTLEY OIL PROJECT 1935...