

Form 9-330

U. S. LAND OFFICE New MexicoSERIAL NUMBER NM-04361

LEASE OR PERMIT TO PROSPECT

UNITED STATES

FEB 19 1962

RECEIVED DEPARTMENT OF THE INTERIOR

FEB 16 1962

GEOLOGICAL SURVEY

D. C. C.
ARTESIAL OFFICEU. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company BTA Oil Producers Address 104 South Pecos, Midland, Texas
Lessor or Tract Federal Field Square Lake State New Mexico
Well No. 4 Sec. 27 T. 16-S R. 31-E Meridian NMPM County Eddy
Location 990 ft. XX of N Line and 990 ft. XX of W Line of Sec. 27 Elevation 4069
(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

Date February 12, 1962Title Production Superintendent

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

Commenced drilling 12-14, 19 61 Finished drilling 12-23, 19 61

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3575 to 3579 No. 4, from 3733 to 3741
No. 2, from 3595 to 3599 No. 5, from _____ to _____
No. 3, from 3603 to 3613 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—	
<u>8-5/8"</u>	<u>20</u>	<u>8</u>	<u>J-55</u>	<u>423</u>	<u>Tex. Pattern</u>	<u>None</u>	<u>---</u>	<u>---</u>	<u>Surface Pipe</u>
<u>5-1/2"</u>	<u>17</u>	<u>8</u>	<u>N-80</u>	<u>3760</u>	<u>Baker</u>	<u>None</u>	<u>3575</u>	<u>3741</u>	<u>Oil String</u>
<u>2-3/8"</u>	<u>4.7</u>	<u>8</u>	<u>N-80</u>	<u>3743</u>	<u>----</u>	<u>None</u>	<u>----</u>	<u>----</u>	<u>Tubing</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8"</u>	<u>423</u>	<u>150</u>	<u>Pump & Plug</u>		
<u>5-1/2"</u>	<u>3760</u>	<u>200</u>	<u>" "</u>		

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 -0- feet to 3760 feet, and from _____ feet to _____ feet
Cable tools were used from ---- feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19 _____ Put to producing 2-9-, 19 62

The production for the first 24 hours was 10.5 barrels of fluid of which 96 % was oil; _____ %
emulsion; 4 % water; and _____ % sediment. Gravity, °Bé. 34.3

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

Rock pressure, lbs. per sq. in. ----

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>-0-</u>	<u>155</u>	<u>155</u>	<u>Redbeds & caliche</u>
<u>155</u>	<u>715</u>	<u>560</u>	<u>Redbeds</u>
<u>715</u>	<u>850</u>	<u>135</u>	<u>Anhydrite</u>
<u>850</u>	<u>1910</u>	<u>1060</u>	<u>Interlaminated salt, anhydrite and redbeds</u>
<u>1910</u>	<u>2010</u>	<u>100</u>	<u>Anhydrite and redbeds</u>
<u>2010</u>	<u>3120</u>	<u>1110</u>	<u>Interlaminated salt, anhydrite and redbeds</u>
<u>3120</u>	<u>3760</u>	<u>640</u>	<u>Dolomite w/sandstone and shale streaks.</u>

[OVER]

FORMATION RECORD—Continued

[illegible]

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.

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

12000

REF ID: A61805

LIVE ON