



UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY

**LOG OF OIL OR GAS WELL**

Company **CHOATE & BROWN** Address **Artesia, New Mexico**  
 Lessor or Tract **Rtz** Field **North Grayburg State New Mexico**  
 Well No. **1** Sec. **35** T. **16S** R. **30E** Meridian **N.M.P.M.** County **Eddy**  
 Location **3200 ft. S.** of **N. Line** and **660 ft. E.** of **W. Line** of **Section 35** Elevation \_\_\_\_\_  
(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 *[Signature]*  
 Title **Operator**

Date **April 28, 1942**

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

Commenced drilling **February 23,** 19**42** Finished drilling **April 18,** 19**42**

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

No. 1, from **2992** to **2998** 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 **455** to **460** No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from **2320** to **2345** 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—	
7"	20#			2380'	Lugged	(Pulled)			
8 1/2"	18#			2370'		(Cemented)			
6 1/2"	17#			2025'		(Cemented)			
HIZLOKA OL 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"	570'	50 sacks			50 sacks
7"	2380	100 sacks			100 sacks
5 1/2"	2880	100 sacks			100 sacks

**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
3-1/2"		nitro-glycerine	20 qts	5/18/42	2955-65'	
4"		"	60 qts	5/18/42	2965-88'	
3-1/2"		"	20 "	5/18/42	2988-99'	
4"		"	80 "	5/18/42	2999-3030'	(TD)

**TOOLS USED**

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from **0** feet to **3030'** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**DATES**

**April 28,** 19**42** Put to producing \_\_\_\_\_, 19\_\_\_\_

The production for the first 24 hours was **175** 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**

**Wayne Hitt** \_\_\_\_\_, Driller **Bob Latimer** \_\_\_\_\_, Driller  
**Roy Shelp** \_\_\_\_\_, Driller \_\_\_\_\_, Driller

**FORMATION RECORD**

FROM—	TO—	TOTAL FEET	FORMATION
0	50		Surface Sand & Gravel
50	160		Sand
160	335		Red Bed Sand
335	450		Anhydrite
450	500		Anhydrite & Sand WTR 455-460
500	570		Red Bed & Anhydrite
570	577		Salt
577	588		Salt & Red Bed
588	675		Anhydrite & Red Bed
675	690		Salt
690	1245		Anhydrite & Salt
1245	1295		Anhydrite & Gray Shale
1295	1335		Anhydrite
1335	1450		Anhydrite
1450	1490		Anhydrite & Red Bed
1490	1535		Anhydrite & Red Shale
1535	1955		Anhydrite
1955	1975		Anhydrite & Lime
1975	2095		Anhydrite
2095	2115		Anhydrite & Red Bed
2115	2320		Anhydrite
2320	2345		Red Sand & WATER
2345	2355		Sand
2355	2365		Anhydrite & Sand

