

U. S. LAND OFFICE **LC-058603**
SERIAL NUMBER **1200000**
LEASE OR PERMIT TO PROSPECT **Ballard**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYRECEIVED
FEB 6 1953
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Yancey-Harris Corp.** Address **1250 Mercantile Bank Bldg., Dallas, Tex.**Lessor or Tract **Ballard, C. C.** Field **Loco Hills** State **New Mexico**Well No. **2** Sec. **8** T. **18** R. **29** Meridian **NMPM** County **Eddy**Location **990** ft. **N** of **N** Line and **990** ft. **E** of **W** Line of **Section 8** Elevation **3550**
(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 **Donald O. King** - Donald O. KingDate **January 31, 1953** Title **District Engineer**

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

Commenced drilling **October 25**, 19 **52** Finished drilling **January 14**, 19 **53**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2545** to **2557** No. 4, from **2922** to **3000**No. 2, from **2780** to **2794** No. 5, from **3008** to **3015**No. 3, from **2896** to **2904** No. 6, from **3050** to **3086**

IMPORTANT WATER SANDS

No. 1, from **No water encountered** 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—	
8 5/8	23 1/2	10 1/2	Used Youngstown 365'		Plain	none	0	0	Surface Pipe
5 1/2	14 1/2	8 1/2	Used Youngstown 2695'		Plain	none	0	0	Oil String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	365'	50 sz	Halliburton	None	None
5 1/2	2695'	100 sz	Halliburton	None	None

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set **None**

Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
			None			

TOOLS USED

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

Cable tools were used from **0** feet to **3086'** **Total Depth** feet, and from _____ feet to _____ feet

DATES

January 31, 19 **53** Put to producing **January 30,** 19 **53**The production for the first 24 hours was **20** barrels of fluid of which **100**% was oil; **0**% emulsion; **0**% water; and **0**% sediment. Gravity, °Bé. **—**If gas well, cu. ft. per 24 hours **Oil Well** Gallons gasoline per 1,000 cu. ft. of gas **—**Rock pressure, lbs. per sq. in. **—**

EMPLOYEES

A. F. Smith, Driller **J. S. Johnston**, Driller**W. C. Garner**, Driller **W. F. Keith**, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	365	365	Caliche, sand, gravel
365	500	135	Caliche, shale, sandy & gravel
500	550	50	Caliche, shale
550	120	65	Red sandstone shale
120	180	60	Red shale and wet streaks
180	200	20	Argillite
200	235	35	Argillite & red beds
235	380	145	Argillite, red beds, salt
380	480	100	Salt
480	585	105	Salt, argillite
585	725	140	Salt, argillite
725	755	30	Argillite, lime
755	785	30	Gray lime
785	794	9	Lime, argillite, red bed
794	822	28	Argillite, lime
822	865	43	Lime, argillite, salt
865	947	82	Salt, lime and red beds
947	985	38	Red beds
985	1028	43	Lime and red beds
1028	1067	39	Red beds, salt, lime
1067	1127	60	Caliche, lime
1127	1245	118	Lime, argillite, shale
1245	1253	8	Salt, red shale

