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Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

Las Cruces

Las 070678 (A)

O. C. C.
ARTESIA, OFFICE
UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Box 2347, Hobbs, New Mexico
Box 2100, Houston, Texas

LOCATE WELL CORRECTLY

Company **Humble Oil & Refining Company**

Address

Lessor or Tract **Abc Chalkbluff Area Unit**

Field

Empire Abc

State

New MexicoWell No. **17** Sec. **8** T. **18-N** R. **27-E** Meridian **10N** County **Sky**Location **440** ft. **N** of **3** Line and **230** ft. **E** of **1** Line of **Sec 8** Elevation **3492**
(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

Title

Date

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

Commenced drilling **2/1/60**, 19 **60** Finished drilling **10/31/60**, 19 **60**No. 1, from **5146** to **5400** No. 4, from **5400** to **5400**
No. 2, from **5400** to **5400** No. 5, from **5400** to **5400**
No. 3, from **5400** to **5400** No. 6, from **5400** to **5400**No. 1, from **5400** to **5400** No. 3, from **5400** to **5400**
No. 2, from **5400** to **5400** No. 4, from **5400** to **5400**

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8 3/8	1539	800	800	800	800	800	800	800	800
4 1/2	5991	800	800	800	800	800	800	800	800

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 3/8	1539	800	800	800	800
4 1/2	5991	800	800	800	800

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

DATES

Put to producing _____, 19 _____
The production for the first 24 hours was _____ barrels of fluid of which _____% 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

_____, Driller
_____, Driller
_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	560	560	Bedrock & sand
560	920	920	Sand
920	1300	972	Sand & lime
1300	3817	2917	Lime
3817	4157	340	Lime & shale
4157	5991 TD	1434	Lime
FORMATION TOPS:	Quartz 545		
	San Andres 1142		
	Yucca 2025		
	Bone Spring 3927		
	Top Abc Reef 5352		
	Base Abc Reef 5995		
Tape by log.			

FORMATION RECORD—Continued

DEPARTMENT OF THE INTERIOR
BUREAU OF GEOLOGICAL SURVEY
WASHINGTON, D. C.

LOG OF OIL OR GAS WELL

The well was drilled to TD of 5991 w/ completion depth of 5555'.
 Spudded 11" hole at 4:00 P.M. 10/11/60. Set 5 1/2" of 5/8" egg at 1529 w/ 800 lb
 1 1/2" w/ wt from surface to 1535 & with 4 1/2" to 5316. Mudding up & drill to TD.
 Finished drill at 12:30 P.M., 10/11/60. Run Gamma Ray neutron & Guard Potro log.
 Run 5979' 1/2" egg set at 5591 w/ 800 lb wt w/ 1 1/2" set. Set also. Set 5292' of
 2 3/8" log at 5903 w/ balance of 800 lb wt. Set also.

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 the results. If there were any changes made in the casing, give date, size, position, and number of shots. If pins 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

[illegible]

INFORMATION RECORD—Continued