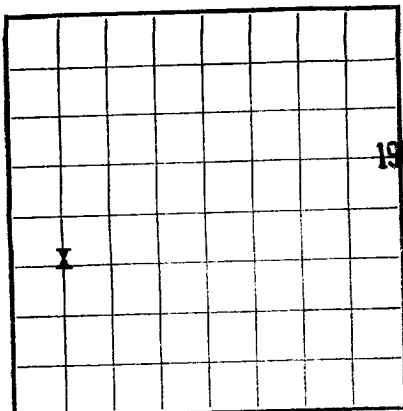


U. S. LAND OFFICE **LC-070938**
SERIAL NUMBER **HONDO LSE UNITIZED**
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

HOBBS OFFICE OCC

1960 JUL 1 AM 7:25

UNITED STATES

DEPARTMENT OF THE INTERIOR RECEIVED

GEOLOGICAL SURVEY

AUG 2 1960

D. C. G.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

Company **HUMBLE OIL & REFINING COMPANY** Address **BOX 2347, HOBBS, NEW MEXICO**
Lessor or Tract **ABO CHALK BLUFF DRAW UNIT** Field **EMPIRE ABO** State **NEW MEXICO**
Well No. **10** Sec. **9** T18S. R. 27E Meridian **NMPM** County **EDDY**
Location **1650 ft. [N.] of S. Line and 990 ft. [E.] of W. Line of SECTION 9** Elevation **3526**
(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.

Date **JULY 28, 1960** Title **EMPIRE ABO**
The summary on this page is for the condition of the well at above date.

Commenced drilling **MAY 15, 1960** Finished drilling **JUNE 6, 1960**

OIL OR GAS SANDS OR ZONES

No. 1, from **5569** to **5584** No. 4, from **5584** to **5597**
No. 2, from **5584** to **5597** No. 5, from **5597** to **5600**
No. 3, from **5597** to **5600** No. 6, from **5600** to **5603**

Important water sands
No. 1, from **5569** to **5584** No. 3, from **5584** to **5597**
No. 2, from **5584** to **5597** No. 4, from **5597** to **5600**

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From	To	Purpose
8-5/8	124	4	API	1000	API	5569	5584	5584	Production
4-1/2	47	4	API	1000	API	5584	5597	5597	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	1501	800	PUMP & PLUG	-	-
4-1/2	5700	800	PUMP & PLUG	-	-

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 **5700** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

JULY 28, 1960 Put to producing **JUNE 9, 1960**

The production for the first **24** hours was **77** barrels of fluid of which **100%** was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. **43.6**

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

J. H. Hobson, Driller **Joe Henry**, Driller
R. O. Blackledge, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	90	90	Surface Rock
90	385	295	Redbed & Anhydrite
385	576	191	Anhydrite
576	890	314	Anhydrite & Gyp
890	1075	185	Anhydrite & Shale
1075	1227	152	Anhydrite, Gyp & Lime
1227	1514	287	Anhydrite & Lime
1514	4133	2619	Lime
4133	4242	109	Lime, Chert & Dolomite
4242	4500	258	Dolomite & Chert
4500	4771	271	Dolomite & Lime
4771	4942	171	Dolomite
4942	5093	151	Lime & Dolomite
5093	5110	17	Lime & Green Shale
5110	5123	13	Dolomite & Lime
5123	5182	59	Lime & Green Shale
5182	5201	19	Green Shale & Dolomite
5201	5244	43	Shale & Dolomite
5244	5287	43	Lime & Green Shale
5287	5329	42	Lime, Shale & Dolomite
5329	5381	52	Shale & Dolomite
5381	5581	200	Lime
5581	5700	119	Lime & Dolomite

(OVER)

