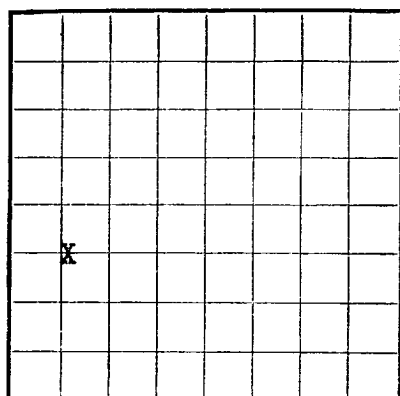




AUG 1 1960

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
RECEIVED
AUG 5 1960

D. C. C.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company HUMBLE OIL & REFINING COMPANY Address BOX 2347, HOBBES, NEW MEXICO
 Lessor or Tract ABC CHALK BLUFF DRAW UNIT Field EMPIRE ABC State NEW MEXICO
 Well No. 10 Sec. 9 T. 16S R. 27E Meridian NMPM County EDDY
 Location 1650ft. { N. } of S Line and 990ft. { 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 Agent

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

(Denote gas by G)

No. 1, from 5569 to 5584
No. 2, from 5589 to 5597
No. 3, from to
No. 4, from to
No. 5, from to
No. 6, from to

IMPORTANT WATER SANDS

No. 1, from _____ 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—	
8-57/8	24	8.00	JAY	1169	HONCO GUIDE	AND	5589	5597	PURPOSE

MUDDING AND CEMENTING RECORD

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

PLUGS AND ADAPTERS

Heaving plug—Material ----- Length ----- Depth set -----
Adapters—Material ----- Size -----

SHOOTING RECORD

[illegible]

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; 0% emulsion; 0% water; and 0% 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

R. O. Blackledge, Driller

Joe Henry, 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	4711	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
FORMATION TOPS:			
Queen	622		Top Abo Reef
Yeso	2900		Bottom Abo Reef

1. 10-11-1964

RECEIVED

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BUREAU OF GEOLOGICAL SURVEY
AUG 5 1960

SECRET
REF ID: A12154

FROM SAC TO JFO TO DOJ

REF ID: A66742

The well was drilled to a total depth of 5700' with completion depth of 5677'. Spudded 11" hole at 8:30 P.M. 5/15/60. Set 14 9/8" of 8-5/8" casing @ 1501 w/800 sacks reg neat cement. Cement circulated. 14 9/8" from 5700' to 5677'. Drilled with water from surface to 5093'. Rudded up & drilled to total depth of 5700'. Finished drilling @ 5:30 P.M., 6-6-60. Ran electric logs. Set 50' of 4-1/2" casing @ 5700' with 100 sacks 12.5 gel with 1/4" flt-seal per sack & 700 sacks 12.5 replacement. Cement circulated. Set 5335' 2-3/8" tbg @ 5347' with packer set @ 5347'.
Treated water in casing with 200' caustic soda.
Set 50' of 4-1/2" casing @ 5569 to 5584 & 5589-5597 with 2 jet shots/ft. (Lane Wells) Swabbed well dry. Acidized perforations with 6000 gals 15% reg acid with avg inj rate of 3.69 BPM. Swabbed well off. Rudded loaded up with water & diked. Testing. On potential test, well flowed 77 barrels oil in 8 hours on 14/64" choke. Two phases

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

FROM	TO	TOTAL FEET	FORMATION RECORD
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