Form 9-330

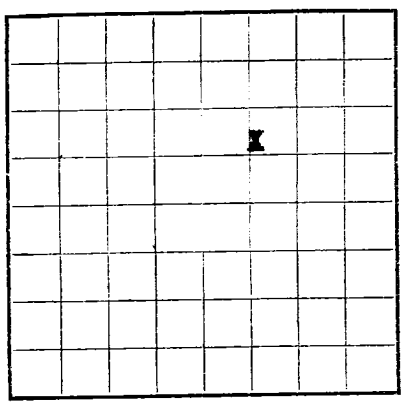
N. M. O. C. C. COPY

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

U. S. LAND OFFICE Artesia, New Mex.

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT NM-04175-B (b)



LOCATE WELL CORRECTLY

RECEIVED
JUN 28 1961
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
JUN 30 1961
O. C. C.
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 Field Empire Abo State New Mexico

Well No. 4-P Sec. 17 T. 18S R. 27E Meridian NMPM County Eddy

Location 3300 ft. [N.] of S Line and 3300 ft. [E.] of W Line of Sec. 17 Elevation 3436
(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 ORIGINAL SIGNED ARVIN D. EADY

Date June 26, 1961 Title Agent

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

Commenced drilling *, 19__ Finished drilling *, 19__

OIL OR GAS SANDS OR ZONES

Date Completed: 5-14-61

(Denote gas by G)

No. 1, from 5393 to 5400 No. 4, from to

No. 2, from 5408 to 5426 No. 5, from to

No. 3, from 5446 to 5454 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 From—	Perforated To—	Purpose
8-5/8	32	8rd	[illegible]	1507	[illegible]	-	-	-	Surface
5-1/2	14 & 15.5	8rd	[illegible]	9607	[illegible]	-	5393-5400	5408-5426	Chalk Sand
							5446-5454		

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	1500	600	Pumped	-	-
5-1/2	9621	570	Pumped	-	-

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
	None					

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

June 26, 19 61 Put to producing May 9, 19 61

The production for the first 24 hours was 364 barrels of fluid of which 55% was oil; -% emulsion; 45% water; and -% sediment. Gravity, °Bé. 44.5°

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 , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	89	89	Anhydrite and Gyp.
89	885	796	Anhydrite and Lime.
885	1250	365	Lime and Gyp.
125 0	1509	259	Lime.
1509	**5454	3945	Dolomite.

**Bottom perforation on dual well.

Formation Tops

Grayburg	1070
San Andres	1335
Glorieta	2675
Yeso	2825
Clearfork	3750
Tubb	4380
Abo	4950
Hueco	6140

*This well is a dual completed in the same hole as Chalk Bluff Draw Well #4-P(originally Chalk Bluff Draw Well #4-P was designated Chalk Bluff Draw Unit C Well #1.)

[OVER]

16—43094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

HISTORY OF OIL OR GAS WELL

16—48004-2 U. S. GOVERNMENT PRINTING OFFICE

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.

Abo Chalk Bluff Draw Well #4-P was dually completed in the same hole as Chalk Bluff Draw Well #4-P(originally Chalk Bluff Draw Well #4-P was designated Chalk Bluff Draw Unit C Well #1.)

The total depth for the original wellwas 9850 with a plug back depth of 9577. The plug back depth remains unchanged.

The casing remained unchanged.

Cement was placed on the outside of the casing from TD to the surface.

Perforated 5-1/2" casing from 5393-5400, 5408-5426 and 5446-5454 with 2 shots per ft. Acidized above perforations with 20,000 gals low surface tension non-emulsion acid with an average injection rate of 7.4 BPM.

Completed as a flowing oil well on May 14, 1961.