N. M. O. C. C. COPY

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Form 9-330

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

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 026418
LEASE OR PERMIT TO PROSPECT

RECEIVED
JUL 31 1961
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
AUG 2 1961
O. C. C.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Standard Oil Company of Texas, A Division of California Oil Company Address Drawer "S", Monahans, Texas

Lessor or Tract Federal 15-10 Field North Square Lake (Grayburg) State New Mexico

Well No. 7 Sec. 10 T. 16S R. 31E Meridian NMPM County Eddy

Location 2310 ft. [N.] of S Line and 660 ft. [E.] of W Line of Section 10 Elevation GL 4178 (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 J. L. Rowland

Date July 27, 1961 Title District Engineer

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

Commenced drilling June 4, 1961 Finished drilling June 12, 1961

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from None to

No. 2, from to

No. 3, from to

No. 4, from to

No. 5, from to

No. 6, from to

IMPORTANT WATER SANDS

No. 1, from None to

No. 2, from to

No. 3, 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	24#	8 RD	J-55	201	Guide	- - -	- -	- -	Surface Pipe
4-1/2	11.6#	8 RD	J-55	2993	Float	2100'	2946	2960	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	201	*125 sx. reg neat	Plug	9#3	*Circ. cmt to surface
4-1/2	*2993	100 sx reg neat	Plug	913	- - - - - -
		*Pulled and recovered 2100' of 4-1/2" casing.			

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
		Well was not shot.				

TOOLS USED

Rotary tools were used from surface feet to 3719 TD feet, and from — feet to — feet

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

DATES

, 19 Put to producing , 19

The production for the first 24 hours was Well was Dry Hole. 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

L. D. Funk, Driller J. H. Dukeminier, Driller

B. G. Campbell, Driller M. L. Southerland, Tool Pusher ~~Driller~~

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION

FOLD

MARK

[OVER]

16—43094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

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.

Spudded 11:30 AM, 5-4-61. Cemented 8-5/8", 24#/ft, J-55 STC casing at 201' with 125 sxs. regular neat cement. Circulated 25 sxs to surface. Waiting on cement, 3:30 PM, 5-4-61. After waiting on cement 24 hrs. tested 8-5/8" casing with 1000 PSI OK. Drilled 6-3/4" hole to 3644'. Cut 6-3/4" core from 3644' to total depth of 3719' (Premier Sd). Pulled core barrel and recovered 76' core with no shows. Ran Gamma Ray-Sonic and Induction-Laterolog. John H. Trigg assumed operations for attempted completion in Queen section 6:15 PM, 6-16-61. Spotted 24 sxs cmt. plug from total depth 3719 to 3637'. Ran & landed 4-1/2", 11.6#/ft, J-55, STC new casing at 2993'. Cemented 4-1/2" oil string with 100 sx. Regular neat cement. Perforated Queen section 2946-60. Swab tested perfs recovering 100% salt water. Pulled 2100' of 4-1/2" casing. Spotted cement plugs, 2979'-2829' (12 sx), 940'-1050' (25 sx) and 10 sx in top of 8-5/8" surface pipe. Well location properly marked with 4" pipe. Well officially plugged and abandoned 6-21-61.