Form 9-330

N. M. O. C. C. COPY

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

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 064175-A
LEASE OR PERMIT TO PROSPECT

SUPPLEMENT
to
Original Well Log

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
AUG 22 1960
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

RECEIVED

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company McCurdy Trammell Joint Acct. Address 206 Carper Bldg. Artesia, New Mex.

Lessor or Tract Young Field Young State New Mexico

Well No. 3 Sec. 20 T. 18S R. 32E Meridian NMPM County Lea

Location 1980 ft. [N.] of N Line and 660 ft. [E.] of W Line of Sec. 20 Elevation 3733
(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

Date August 19, 1960 Title Prod. Supt.

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

Commenced drilling deeper May 9, 1960 Finished drilling deeper May 27, 1960

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 3970 to 3978 No. 4, from to

No. 2, from to No. 5, from to

No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from to No. 3, from to

No. 2, from See Original Report 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
		No change - See Original Report							

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
		See Original Report			

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
	See Original Report		See Below for Report on Fracturing			

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet

Cable tools were used from 3776 feet to 4007 feet, and from feet to feet

DATES

August 19, 1960 Put to producing August 19, 1960

The production for the first 24 hours was 8 barrels of fluid of which 87.5% was oil; % emulsion; 12.5% water; and % sediment. Gravity, °Bé. 26

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
3776	3798	22	Dolomite and anhydrite
3798	3846	48	Dolomite and sand
3846	3970	124	Dolomite and anhy. with sand stringers
3970	3978	8	Sand (Pay zone)
3978	3995	17	Dolomite and dolomitic sand
3995	4007	12	Dolomite T.D. 4007

The pay zone 3970-3978 in the Penrose (Queen)formation was fractured below a formation packer set at 3911 feet with 23,940 gallons of lease oil and 40,000 lbs. of sand. Production was increased from 2 to 7 barrels of oil per day. One barrel of water per day is being produced from the Red Sand (Queen) formation. Fracturing operations were performed June 3,1960.

[OVER]

16—43094-4

FOLD

MARK

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.