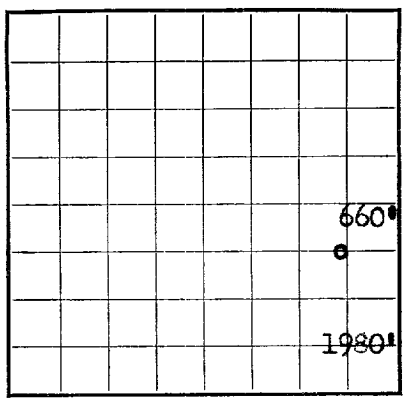
Form 9-330

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



LOCATE WELL CORRECTLY

RECEIVED
NOV 1 1959
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

U. S. LAND OFFICE
SERIAL NUMBER NM-02917
LEASE OR PERMIT TO PROSPECT

RECEIVED
NOV 16 1959
O. C. C.
ARTESIA, OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Castle and Mizzell and Cozzens Address P. O. Box 868, Midland, Texas

Lessor or Tract U.S.A., NM-02917 Hondo-Federal Field Wildcat State New Mexico

Well No. 1 Sec. 34 T. 15S R. 28E Meridian NMPM County Chaves

Location 1980 ft. {N./S.} of S Line and 660 ft. {E./W.} of E Line of Sec. 34 Elevation 3610 (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 H. Bruce Mizzell

Date November 11, 1959 Title Partner

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

Commenced drilling September 7, 1959 Finished drilling November 7, 1959

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from NONE to 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 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
10"	33#	8 rd.	Used	135'	None	0 - 135			Surface
8-5/8"	24#	8 rd.	Used	370'	Float	0-90			Intermediate surface

MUDDING AND CEMENTING RECORD

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

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 feet to feet, and from feet to feet

Cable tools were used from 0 feet to 2735 feet, and from feet to feet

DATES

, 19 Put to producing P & A November 9, 1959

The production for the first 24 hours was 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

Contractor: Hoover Drilling Co., Driller , Driller

, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	510	510	Surface fill, red beds
510	1228	718	Anhydrite & red shale
1228	1440	212	Red sand & shale
1440	1640	200	Red Sand
1640	1940	300	Dolomite & Anhydrite
1940	2735	795	Dolomite

TOPS (Sample Log)

Yates	510
Red Sand	1228
Queen	1440
Grayburg	1640
San Andres	1940

AT THE END OF COMPLETE DRILLER'S LOG, ADD GEOLOGIC TOPS. STATE WHETHER FROM EL OR SAMPLES.

FOLD MARK

16—43094-4

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.

9-7-59: Spudded

9-9-59: Set 135', 10-5/8" casing, water shut off.

9-11-59: Set 370', 8-5/8" casing, 24#, cemented with 35 sacks.

11-7-59: TD 2735' (Drillers depth), water at TD, no shows of oil or gas

11-9-59: Pulled 10" surface casing
Pulled 90', 8-5/8" intermediate surface casing
Set cement plugs as follows:
Surface to 70', 50 sacks
295' to 370', 25 sacks
1175' to 1250', 25 sacks
2660' to 2735', 25 sacks
Set monument.