

LOCATE WELL CORRECTLY

RECEIVED
OCT 24 1960
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Continental Oil CompanyAddress Rowley Bldg., Artesia, New Mexico

Lessor or Tract E. S. Hitchcock 27Field Dog Canyon-GrayburgState New Mexico

Well No. 1Sec. 27T. 16SR. 27E Meridian NMPHCounty Eddy

Location 1980 ft. of N Line and 1980 ft. of W Line of Section 27Elevation 3459
(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 10-21-60Title District Superintendent

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

Commenced drilling 9-29, 19 60Finished drilling 10-4, 19 60

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 1389 to 1403No. 4, from to

No. 2, from toNo. 5, from to

No. 3, from toNo. 6, from to

IMPORTANT WATER SANDS

No. 1, from toNo. 3, from to

No. 2, from toNo. 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—	
7"	20#	8 rd.	H-40	157'	Guide Shoe				
4 1/2"	9.54	8 rd.	J-55	1416'	Guide Shoe & Float Collar				

MUDDING AND CEMENTING RECORD					
Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7"	165'	100	Pump & Plug		
4 1/2"	1416'	285	Pump & Drill Out		

USGS-4 WAM File

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 0 feet to 1420 feet, and from feet to feet

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

DATES

Put to producing 10-11 60

The production for the first 24 hours was 249 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 40

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

W. H. Smith, DrillerD. R. Richardson, Driller

H. M. Heath, Driller, Driller

FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION
0	667	667	Anhydrite, Sand & Shale
667	680	13	Sandstone
680	710	30	Sandy Shale
710	824	114	Sandy Shale, Sandy Dolomite & Anhydrite
824	837	13	Sandstone
837	1056	219	Sand & Shale, Some Dolomite
1056	1382	326	Sandy Dolomite, Dolomite, Some Anhydrite
1382	1404	22	Sandstone
1404	1420	16	Dolomite

Tops: Queen 667', Penrose 824', Grayburg 1056', Premier Sand 1382', San Andres 1406'.

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. Performed 1392.5-1400.5'. Treated with 14,000 gals lease crude, 14,000 # sand, 466# Adolite.

HISTORY OF OIL OR GAS WELL

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