

Form 9-330

Las Cruces
U. S. LAND OFFICE
SERIAL NUMBER 029405A
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U. S. GEOLOGICAL SURVEY DEPARTMENT OF THE INTERIOR
ARTESIA, NEW MEXICO GEOLOGICAL SURVEY

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O. C. C.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Continental Oil Company Address Rowley Bldg., Artesia, New Mexico
Lessor or Tract Wm. Mitchell "A" Field Maljamar-Paddock State New Mexico
Well No. 21 Sec. 20 T. 17S R. 32E Meridian N.M.P.M. County Lea
Location 1345 ft. [N.] of N Line and 2615 ft. [E.] of W Line of Section 20 Elevation 4008
(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 [Signature] Title District Superintendent
Date 12-19-60

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

Commenced drilling 10-25-60, 1960 Finished drilling 11-12-60, 1960

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

No. 1, from 5334 to 5441 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		Purpose
							From—	To—	
8 5/8	24#	8BD	J-55	251	Guide Shoe				
5 1/2	14#	8BD	J-55	5544	Guide Shoe & float collar				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	262	150	Pump & Plug		
5 1/2	5498	1500	Pump & Plug		

USGS-4 WAM FILE
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 5500 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

Put to producing 12-18-60, 1960

The production for the first 24 hours was 119 barrels of fluid of which 100% was oil; 0% emulsion; 0% water; and 0% sediment. Gravity, °Bé. 38

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.

EMPLOYEES

C. B. Henderson, Driller Marshal Johnson, Driller
R. W. Shields, Driller Jim Kalisek, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	718	718	Redbeds
718	863	145	Anhydrite
863	1888	1025	Salt
1888	2060	172	Anhydrite
2060	2390	330	Sh & Anhy w/some sd.
2390	3010	620	Shaly & anhy. dolo.
3010	3050	40	Red Shaly sd.
3050	3580	530	Dolomitic & shaly anhydrite
3580	3800	220	Anhy & shaly dolomite
3800	5300	1500	Dolomite (4690-4700-fair show)
5300	5360	60	Dolo & sd
5360	5440	80	Dolo
5440	5500	60	Dolo with few sdy interbeds

Tops by GR Collar Log: Rustler 719, Salado 831, Cowden 1727, Tansill 1894, Yates 2047, Seven Rivers 2414, Queen 3017, Grayburg 3408, San Andres 3775, Glorieta 5252, Paddock 5332.

*The core (5275-5500) showed stain and/or was bleeding in practically its entire length.

[illegible]

Perforated 5783-93 with 7 JSPP. Spotted 500 gals acid. Treated with 8,000 gals
lease crude, 8,000# sand, 210# Adomite. Perforated 5728-77 with 7 JSPP. Spotted
500 gals acid. Treated with 20,000 gals crude, 20,000# sand, 1000 gals acid, 650#
Adomite. Set cement retainer at 5712. Spurred both sets above perforations with
50 sacks cement. Perforated 5366-72 with 7 JSPP. Spotted 500 gals acid. Treated
with 6000 gals crude, 6000# sd, 250# Adomite.

THE NEW MEXICO ALL INFORMATION COMMISSION.

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