

GEOLOGICAL SURVEY

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 629405 b
LEASE OR PERMIT TO PROSPECT Le

UNITED STATES

JAN 13 1961

D. 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 B Field Maljanar State New Mexico
 Well No. 40 Sec. 18 T. 17S R. 32E Meridian N.M.P.M. County Lea
 Location 1980 ft. N. of S Line and 660 ft. W. of E Line of Section 18 Elevation 3990

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.

Date 1-9-61 Signed [Signature]
Title District superintendent

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

Commenced drilling 8-28, 1959 Finished drilling 9-12, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3930 to 3934 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. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

Size casting	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8 5/8	244	8-2	J-55	241	Guide Shoe				
5 1/2	318	8-1	J-55	426	Outside 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	249	125	Pump & Plug		
5 1/2	496	775	Pump & Plug		

USGS-4 WAM FILE

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

[illegible]

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 4196 feet, and from _____ feet to _____ feet.

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

Dry Hole.	abandoned but not plugged	DATES

....., 19..... ~~12-30-60~~ at to producing 19.....

The production for the first 24 hours was barrels of fluid of which% was oil;% emulsion;% water; and% sediment. Gravity. °Ré

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

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

EMPLOYEES

----- **W. B. Gray** -----, Driller ----- **A. D. Price** -----, Driller

----- J. W. Ellis -----, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	720	720	Surface sands, red beds.
720	840	120	Anhydrite
840	1890	1050	Salt, Anhydrite
1890	2050	160	Anhydrite, Dolomite, Red Shale
2050	2370	320	Anhydrite, Dolomite, Sand, Red Shale
2370	3010	640	Anhydrite Dolomite, Red Shale, Trace of Sand
3010	3050	40	Sand
3050	3200	150	Dolomite, Anhydrite, Trace of Sand
3200	3210	10	Sand
3210	3740	530	Dolomite, Anhydrite, Trace of Sand
3740	3805	65	Sand, Dolomite
3805	3925	120	Dolomite
3925	4000	75	Dolomite, Sand, Trace of Anhydrite
4000	4196	196	Dolomite, Trace of Anhydrite

Tops: Rustler 723, T/Salt 835, Tansill 1892, Yates 2053, Seven Rivers 2045.

Queen 3011, Grayburg 3446, San Andres 3803.

[OVER]

16-43094-4

100

perforated 3930-37. treated with 37,000 gals lease crude, 50,000 lbs. sand,

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.

HISTORY OF OIL OR GAS WELL

16-48094-2 U. S. GOVERNMENT PRINTING OFFICE

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FORMATION RECORD—Continued

RECEIVED
JAN 2 1961