

Form 9-330

EXHIBIT

MAR 23 1959

ARTESIA, NEW MEXICO

Santa Fe

U. S. LAND OFFICE 011866

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

E. P. Campbell

Company Federal Address 711 1/2 Central SE, Albuquerque, N. M.
Lessor or Tract 21 2 1/2 S. 12 E. Field Wildcat State New Mexico
Well No. 1880 Sec. 8 T. 1999 R. 1999 Meridian N County Otero
Location ft. N. of Line and ft. E. of Line of Section 21 Elevation 4911
(Derriek 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.

January 15, 1959

Signed

Geologist

Date

Title

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

Commenced drilling 12-13-58, 19 Finished drilling 12-16-58, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

1850

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—	
12 3/4	54.5	8		50	TP	Cemented w/25 sax			Surf.
5 1/2	11.0	8		1770					Wag 50'
HISTORIA OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

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

PLUGS AND ADAPTERS

Heavy 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 1770 feet to 1855 TD feet, and from _____ feet to _____ feet

DATES

Plugged and abandoned 12-28-58, 19
Put to producing _____, 19

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

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1770 old	1780	10	Dk gry silty pyritic shale
1780	1786	6	Wh cg clastic glauc limestone
1786	1800	14	Dk gry shale
1800	1805	20- 5	Dk gry shale w/some gry siltstone and white fx dense limestone
1805	1825	20	Gry-tan wh f-mr foss limestone w/some gry chal chert and dk gry shale
1825	1850	25	Dk gry sh w/some den lime
1850	1855 TD	5	Wh fx p orous dolomitic limestone
12-3-58	Rigging up to reenter		
12-4-58	Cleaning out		
12-13-58	Running 5 1/2" casing to 1770 and commencing drilling		
12-16-58	Hole filled 700' w/brackish water at 1855, T. D.		
12-28-58	Pulling 5 1/2" casing and plugging and abandoning well.		

(OVER)

16-43904-4

FORMATION RECORD—CONTINUED

SEARCH OR PERMIT TO PROSPECT
SERIAL NUMBER
U. S. LAND OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

A blank sheet of graph paper with a grid pattern. The grid consists of 10 columns and 8 rows of squares. There are small dark marks or smudges on the paper, particularly near the center and bottom left.

LOCATE WELL CORRECTLY

Date _____
 Title _____
 Signed _____
 so far as can be determined from all available records.
 The information given herewith is a complete and correct record of the well and all work done thereon
 (Please print or type in full)
 Location of _____ of _____
 Sec. _____ T. _____ R. _____ Meridian
 County _____
 State _____
 Address _____
 Company _____

(1) Do not use by (b)

of	from 4.5%	of	from 1.5%
of	from 3.5%	of	from 1.5%
of	from 3.5%	of	from 1.5%

IMPORTANT WATER SANDS

No. 1, from _____
No. 8, from _____

No. 1, from _____
No. 4, from _____

CRACK RECORD

[illegible]

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 of shots.

HISTORY OF OIL OR GAS WELL

[illegible]

10-10-57