

Form 9-380

U. S. LAND OFFICE ~~01119~~
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT ~~8890~~

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PROSPECT
GEOLOGICAL SURV
RECEIVED
JUN - 4 1952
ARTESIA,

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

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Company Welch & Yates Address Artesia, New Mexico

Lessor or Tract _____ Field Cedar Hill State New Mexico

Well No. 4 Sec. 5 T. 21S R. 27E Meridian N.M.P.M. County Eddy

Location 990 ft. N of S Line and 990 ft. E of E Line of 5-21-27 Elevation 3289

(Downs 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.

Date June 16, 1952

Title

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

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Commenced drilling January 25, 19 52 Finished drilling June 16, 1952

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 551 to 552 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

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8"		25			
7"		Packer			

PLUGS AND ADAPTERS

Heaving plug—Material	Length	Depth set
Adapters—Material	Size	

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 0 feet to 552 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing June 16, 19 52

The production for the first 24 hours was 25 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. _____

Rock pressure, lbs. per sq. in.

EMPLOYEES

EMPLOYEES	
J. M. Welch	Driller
Claude Calloway	Driller

FORMATION RECORD

FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION
0	15		Gyp.
15	45		Red Bed
45	80		Dolomite
80	230		Red Bed
230	266		Anhy.
266	287		Lime
287	300		Lime & Sand
300	315		Sandy Shale
315	320		Blue Shale
320	378		Lime
378	381		Gray Sand
381	385		Lime
385	416		Shale & Sandy Lime
416	421		Lime
421	426		Gray Sand
426	435		Lime
435	466		Sand
466	486		Lime
486	503		Sand
503	513		Lime
513	514		Blue Shale
514	535		Lime
535	544		Sandy Lime
544	550		Sand
550	552		Lime
			T.D.

LOKATION RECORD—Continued

18-10004-0

