

U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **028772 (b)**
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Western-Yates Address P. O. Box 445, Artesia, N.M.
Lessor or Tract Dunn (b) Tract 3 Field Artesia State New Mexico
Well No. 18 Sec. 11 T. 18S R. 28E Meridian NMPM County Eddy
Location 660 ft. (S) of N Line and 1980 (E) of W Line of Sec. 11 Elevation 3647 DF
(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

R. G. JohnsonDate April 10, 1957Title Dist. Supt.

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

Commenced drilling 2-19, 1957 Finished drilling 3-20, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2556 to 2564 No. 4, from _____ to _____
No. 2, from 2595 to 2612 No. 5, from _____ to _____
No. 3, from 2746 to 2760 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 325 to 330 FW No. 3, from _____ to _____
No. 2, from 2430 to 2440 XW 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#	8	GF&I	565'	Texas	not	---	---	surface
7	17#	8	YT	2482'	"	2482'	---	---	water
4-1/2	9.50#	8	GF&I	2757'	Float	"	2556	2564	production
							2595	2612	"
							2746	2760	"

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	565'	75	pump	cable tools	none
4-1/2	2757'	200	"	"	"

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

FRAC. ~~SHOOTING~~ RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Perf.	2556-64	SOF	5,000 gals.	✓	3,000 #	sand
Perf.	2595-2612	SOF	20,000 gals.	✓	40,000 #	sand
Perf.	2746-2760	SOF	10,000 gals.	✓	20,000 #	sand

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 2760 feet, and from _____ feet to _____ feet

DATES

April 10, 1957 Put to producing April 10, 1957

The production for the first 24 hours was 55 barrels of fluid of which 90% was oil; _____%
emulsion; 10% water; and _____% sediment. Gravity, °Bé. 34°

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

Rock pressure, lbs. per sq. in. 450

EMPLOYEES

J. Fleming, Driller Lloyd Bowen, Driller
Joe G. Taylor, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	165	165	R. B.
165	275	110	sand
275	320	45	R. B.
320	335	15	anhy.
335	395	60	anhy. & R. B.
395	500	105	R. B.
500	510	10	anhy.
510	515	5	salt
515	520	5	anhy.
520	535	15	R. B.
535	550	15	red rock & anhy.
550	665	115	salt
665	715	50	anhy. & blue shale
715	815	100	anhy.
815	835	20	anhy. & red rock
835	845	10	anhy. & lime
845	1150	305	anhy. & red rock
1150	1500	350	anhy.
1500	1595	95	anhy. & red rock
1595	1803	208	anhy.
1803	1840	37	red sand
1840	1960	120	anhy.
1960	1977	17	anhy. & lime
1977	2010	33	gray lime
2010	2125	115	anhy.
2125	2140	15	anhy. & sand
2140	2155	15	sand

{OVER}

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
2155	2170	15	Gray lime
2170	2184	14	sand
2184	2190	6	any. & brn. lime
2190	2210	20	any. lime
2210	2220	10	

FORMATION TOPS:

T. X. 530
B. X. 715
T. RS 1812
T. SA 2612
T. Lov. Sd. 2746

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

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