

A 10x10 grid with a dot at (9, 8) and the number 17 at (5, 5).

LOCATE WELL CORRECTLY

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 032511 (c)
LEASE OR PERMIT TO PROSPECT _____
Lease Permit

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
OCT 2 - 1952
U. S. GEOLOGICAL SURVEY
HOBBES, NEW MEXICO

LOG OF OIL OR GAS WELL

Company R. OLSEN OIL COMPANY Address Jal., New Mexico
 Lessor or Tract Langlie Field Langlie-Mattix State New Mexico
 Well No. 3 Sec. 17 T25S R. 37E Meridian NMPM County Lea
 Location 990 ft. ~~(N)~~ of N Line and 330 ft. ~~(E)~~ of E Line of Sec. 17-25-37E Elevation 31321

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 September 22, 1952 Title Geological Engineer

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

Commenced drilling August 20, 1952 Finished drilling September 10, 1952

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3185' to 3386' 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 casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
9-5/8	32	8 rd	Natl	1571	HO-100				surface
7	20	8 rd	Natl	1571	HO-100				surface
2	4.7	8 rd	Natl	1571	HO-100				surface

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5/8	158'	125	HOWOG		
7	3076'	400 (1-1 Strata Grite)	200 sacks at shoe, 200 at 4-stage tool set		10000'

PLUGS AND ADAPTERS

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

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		Hydrafrac	3000 Gal.	9-10-52	3185-3386'	

TOOLS USED

Rotary tools were used from 0 feet to 3386 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

September 22, 1952	Put to producing September 10, 1952
The production for the first 24 hours was 48	barrels of fluid of which 100 % was oil; %
emulsion; % water; and % sediment.	Gravity, °Bé. 33 ^a
If gas well, cu. ft. per 24 hours	Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.	

EMPLOYEES

Stine	Driller	Hackelman	Driller
Ellis	Driller		Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
2650'	2680'	30	Salt
2680'	2710'	30	Shale, anhydrite, 3204'
2710'	2720'	10	Sand, shale, anhydrite, 3204'
2720'	2860'	140	lime, sand, shale, anhydrite, 3204'
2860'	2900'	40	lime, dolomite, sand, shale, anhydrite, 3204'
2900'	2920'	20	Dolomite, sand, shale, anhydrite, bentonite, 3204'
2920'	3030'	110	Dolomite, sand, shale, anhydrite, 3204'
3030'	3035'	5	Dolomite, sand, shale, anhydrite, bentonite, 3204'
3035'	3075'	40	Dolomite, sand, shale anhydrite, 3204'
3075'	3080'	5	lime, 3204'
3080'	3105'	25	lime, sand (collected) 3088'
3105'	3125'	20	Sand, dolomite, 3121'
3125'	3165'	40	Dolomite, trace sand, 3121'
3165'	3175'	10	Dolomite, sand, 3121'
3175'	3190'	15	Dolomite, 3121'
3190'	3200'	10	Dolomite, sandy shale, 3121'
3200'	3230'	30	Dolomite, sand, sandy shale, 3121'
3230'	3255'	25	Dolomite, trace sand, 3121'
3255'	3305'	50	Dolomite, sand, 3121'
3305'	3320'	15	Dolomite sand, sandy shale, 3121'
3320'	3345'	25	Dolomite, bentonite, sand, 3121'
3345'	3360'	15	Red sand and silt and anhydrite, 3121'
3360'	3386'	26	Dolomite, silty sand, anhydrite, 3121'
			Total Depth 3088'

FORMATION RECORD—Continued

