

NOTED

JAN 13 1952

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 054667
LEASE OR PERMIT TO PROSPECT _____

D. F. RUSSELL

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company R. Olsen Oil Company Address Drawer 121 Jal, New Mexico
Lessor or Tract Gregory Field Langlie-Mattix State New Mexico
Well No. A-5 Sec. 33 T. 25S R. 37E Meridian NMPK County Lea
Location 1980 ft. N. of 3 Line and 660 ft. W. of 1 Line of Sec. 33 Elevation 3004.5
(Derivative 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 Walter H. HuttonDate December 17, 1952 Title Geological Engineer

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

Commenced drilling October 4, 19 52 Finished drilling December 2, 19 52

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2592 to 290 No. 4, from _____ to _____
No. 2, from 2910 to 3266 No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

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—	
10-3/4	32#	8rd	Natl	246	HWCU				Surface
7	23#	8rd	Natl	1067	HWCU				All string

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	236	175	HWCU		
7	2457		HWCU - 2 staged, tool set at 1100'		

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
6-1/8	2"	Nitro	149	12-7	3000 - 3250	3244

TOOLS USED

Rotary tools were used from 0 feet to 3266 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

December 17, 19 52 Put to producing December 16, 19 52
The production for the first 24 hours was 60 barrels of fluid of which 100 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 38
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Hackelman, Driller Jones, Driller
GARY, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
2400	2460	60	Line, sand, shale, anhydrite
2460	2530	70	Dolomite, shale, anhydrite
2530	2585	15	Dolomite, sand, bentonite, anhydrite
2585	2590	5	Bentonite sand
2590	2600	10	Line, dolomite, anhydrite
2600	2600	0	Dolomite, bentonite, sand, anhydrite
2600	2615	15	Bentonite
2615	2625	10	Dolomite, bentonite, sand
2625	2635	10	Dolomite, bentonite
2635	2645	10	Bentonite
2645	2650	5	Dolomite, bentonite
2650	2660	10	Dolomite, shale
2660	2675	15	Dolomite, sand, shale, bentonite
2675	2700	25	Dolomite, sand, shale
2700	2735	35	Silty sand and bentonite
2735	2740	5	Shale, bentonite
2740	2760	20	Dolomite, sand, shale, bentonite
2760	2790	30	Dolomite
2790	2795	5	Bentonite
2795	2860	65	Dolomite, sand, bentonite
2860	2890	30	Dolomite, shale
2890	2900	10	Dolomite

(OVER)

16-43094-2

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
2900	2945	45	Dolomite, shale
3000	3015	15	Dolomite, sand, shale
3025	3035	10	Dolomite, sand, shale, anhydrite
3035	3040	5	Dolomite
3040	3055	15	Dolomite, shale, anhydrite
3055	3075	20	Dolomite, sand, anhydrite
3075	3080	5	Dolomite
3080	3090	10	Dolomite, bentonite, sand shale
3090	3125	35	Dolomite, sand, shale
3125	3135	10	Dolomite
3135	3150	15	Dolomite, bentonite, shale
3150	3170	20	Dolomite, sand, shale
3170	3185	15	Dolomite, bentonite, shale
3185	3205	20	Dolomite, sand, shale, bentonite
3205	3225	20	Dolomite, sand, shale, bentonite
3225	3266	41	Dolomite, sand, shale
Geological tops			
Top anhydrite		9031	
Top Yates formation		25921	
Top 7 layers		27501	
Top Green		30801	
EMPLOYEES			
Driller			
Tanner			
DATES			
Cable tools were used from		feet to	feet
Rotary tools were used from		feet to	feet
TOOLS USED			
SHOOTING RECORD			
LOGGING AND MEASURING RECORD			

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, 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.

11-20-52

Drill stem test 2880 to 2900. Tool open 12 hours 45 minutes. Gas to the surface immediately. Recovered 27301 oil (later determined to be recovered from lost circulation zone.) IFF - 325#, RFP - 1075#, 15 minute BUP - 1075#, hydrostatic Head - 1150#.

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UNITED STATES

D. E. BIRSE

JAN 18 1953

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