

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 04068
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Federal Sivley

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company General American Oil Co. of Texas Address P. O. Box 416, Loco Hills, N. M.
Lessor or Tract Federal Sivley Field Undesignated State New Mexico
Well No. 5 Sec. 17 T. 16S R. 30E Meridian N.M.P.M. County Eddy
Location 660 ft. South of N Line and 1980 ft. West of E Line of Section 17 Elevation 3779
(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. F. MillerDate April 22, 1957Title R. F. Miller
District Engineer

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

Commenced drilling March 14, 1957 Finished drilling April 14, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1540 to 1550 (G) No. 4, from _____ to _____
No. 2, from 2313 to 2332 (G) No. 5, from _____ to _____
No. 3, from 2785 to 2792 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 400 to 410 No. 3, from 2275 to 2285
No. 2, from 2040 to 2050 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	32.75#	8rd	National	528	Texas Pattern				Salt String
8 5/8	24.42#	8rd	Used	2337	"	2341			Water String
7"	20.42#	8rd	Various	2774	"				Production String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	533'	50	Pump & Plug	Heavy	To Surface
8 5/8"	2341'	None		None	None
7"	2778'	165	Pump & Plug	Heavy	To Surface

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

FRACTURING SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		Material			Treated	
		20% HCl	500 gals.	4-19-57	2778-2802	
		Crude Oil	37,590 gals.	"	"	"
		Ottawa Sand	63,000 lbs.	"	"	"

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from 0 feet to 2802 feet, and from _____ feet to _____ feet

DATES

April 22, 1957Put to producing April 20, 1957The production for the first 24 hours was 342 barrels of fluid of which 100% was oil; _____% emulsion; _____% water; and _____% sediment.Gravity, °Bé 101 °API 39.0

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Henry Barron, Driller Alfred Goolley, DrillerE. D. Botkins, Driller E. W. Hughes, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	25	25	Sand.
25	105	80	Sand and Shale.
105	115	10	Sand.
115	290	175	Sand and Shale.
290	330	40	Sand.
330	350	20	Shale.
350	365	15	Sand.
365	375	10	Sandy Shale.
375	400	25	Anhy.
400	410	10	Sand.
410	496	86	Shale.
496	915	419	Salt.
915	930	15	Anhy.
930	1060	130	Salt.
1060	1090	30	Anhy.
1090	1145	55	Anhy and Shale.
1145	1155	10	Salt.
1155	1220	65	Anhy.
1220	1230	10	Lime.
1230	1455	225	Anhy and Shale.
1455	1815	360	Anhy.
1815	1830	15	Red Shale.
1830	1845	15	Anhy and Salt.
1845	1855	10	Anhy.
1855	1895	40	Anhy and Salt.

FROM—	TO—	TOTAL FEET	FORMATION
1895	1947	52	Any.
1947	1953	6	Any.
1953	2040	87	Any.
2040	2050	10	Red sand.
2050	2245	195	Any.
2245	2270	25	Any and Lime.
2270	2275	5	Lime.
2275	2285	10	Shale.
2285	2313	28	Any.
2313	2322	9	Sand.
2322	2535	213	Any.
2535	2615	80	Lime.
2615	2640	25	Any and Lime.
2640	2650	10	Any and Red Shale.
2650	2690	40	Lime.
2690	2700	10	Br. clay.
2700	2725	25	Lime.
2725	2735	10	Lime and Shale.
2735	2745	10	Lime.
2745	2767	22	Shale.
2767	2753	6	Any and Red sand.
2753	2761	8	Any sand.
2761	2780	19	Lime and Red sand.
2780	2792	12	Gray sand.
2792	2802	10	Red sand and White Lime.

HISTORY OF OIL OR GAS WELL

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 pilings or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

LOG OF OIL OR GAS WELL

GEORGE W. BAKER

DEPARTMENT OF AGRICULTURE

UNITED STATES