

U. S. LAND OFFICE Santa Fe, N.M.SERIAL NUMBER LC-070023HODGES OF THE UCC
LEASE OF PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company T.J. Sivley (Hondo Drlg Co) Address Box 458, Artesia, N.M.
Lessor or Tract R.J. Jones Field Tonto State New Mexico
Well No. #1 Sec. 14 T. 19S R. 33E Meridian NMPM County Lea
Location 330 ft. (N) of S Line and 660 ft. (E) of W Line of Section 14 Elevation 3670
(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.

Date Feb. 8, 1955Signed J. R. SwartsTitle Owner Operator

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

Commenced drilling 8/14, 1954 Finished drilling February 4, 1954

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3595 to 3610 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 4238 to 4300 No. 3, from 4850 to 4900
No. 2, from 4605 to 4612 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—	
<u>8-5/8"</u>	<u>24#</u>	<u>8Rnd</u>	<u>HTCo</u>	<u>1467</u>	<u>Float</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8"</u>	<u>1467</u>	<u>50 Sacks</u>	<u>Halliburton</u>	<u>36</u>	<u>Circulated</u>

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

TOOLS USED

Rotary tools were used from 0 feet to 1467 feet, and from _____ feet to _____ feet
Cable tools were used from 1467 feet to 5084 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ %
_____ % 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. _____

EMPLOYEES

Harlan Johnson, Driller M.H. Moore, Driller
J.R. Swarts, Driller Roy Burkhardt, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>25</u>	<u>25</u>	<u>Sand & Caliche</u>
<u>25</u>	<u>167</u>	<u>142</u>	<u>Sand</u>
<u>167</u>	<u>661</u>	<u>494</u>	<u>Red Rock</u>
<u>661</u>	<u>1100</u>	<u>439</u>	<u>Red Rock & Shells</u>
<u>1100</u>	<u>1448</u>	<u>338</u>	<u>Red Rock</u>
<u>1448</u>	<u>1575</u>	<u>152</u>	<u>Anhydrite</u>
<u>1575</u>	<u>1690</u>	<u>115</u>	<u>Anhy. & Salt</u>
<u>1690</u>	<u>1760</u>	<u>70</u>	<u>Red Rock & Salt</u>
<u>1760</u>	<u>3065</u>	<u>1305</u>	<u>Salt</u>
<u>3065</u>	<u>3245</u>	<u>180</u>	<u>Anhy.</u>
<u>3245</u>	<u>3257</u>	<u>12</u>	<u>Broken Dolomite</u>
<u>3257</u>	<u>3285</u>	<u>28</u>	<u>Anhy.</u>
<u>3285</u>	<u>3294</u>	<u>9</u>	<u>Sand</u>
<u>3294</u>	<u>3475</u>	<u>181</u>	<u>Anhy. & Sand</u>
<u>3475</u>	<u>3550</u>	<u>75</u>	<u>Dolomite</u>
<u>3550</u>	<u>3580</u>	<u>30</u>	<u>Sand & Anhy.</u>
<u>3580</u>	<u>3595</u>	<u>15</u>	<u>Line & Shale</u>
<u>3595</u>	<u>3610</u>	<u>15</u>	<u>Reddish Sand - Show of Oil - 15 Gallons</u>
<u>3610</u>	<u>3693</u>	<u>83</u>	<u>Dolomite</u>
<u>3693</u>	<u>3734</u>	<u>41</u>	<u>Dolomite & Red Sand Shale</u>
<u>3734</u>	<u>3965</u>	<u>231</u>	<u>Dolomite</u>
<u>3965</u>	<u>3990</u>	<u>25</u>	<u>Dolo. & Red Sand</u>
<u>3990</u>	<u>4239</u>	<u>249</u>	<u>Line</u>
<u>4239</u>	<u>4302</u>	<u>63</u>	<u>Red Sand - Slight Show Oil - plus</u>
			<u>1/2 Bailer of Water per Hr.</u>

(OVER)

16-43094-2

FORMATION RECORD-Continued

FROM-	TO-	TOTAL FEET	FORMATION
4308	4466	158	Lime
4466	4503	37	No Sample Bed Fishing Job
4503	4531	28	Sandy Lime
4531	4565	34	Lime
4565	4584	19	Blue Sandy Lime
4584	4594	10	Sandy White & Gray Lime
4594	4612	18	Lime
4612	4640	28	Sandy Gray Lime - Tr. Oil Stain
4640	4647	7	Lime
4647	4701	54	Sandy Lime
4701	4708	7	Sand Lime
4708	4720	12	Lime
4720	4734	14	Gray sandy lime
4734	4759	25	Lime
4759	4798	39	Sandy Lime
4798	5084	286	Lime
5084 - Total Depth			
5070	5235	165	Base of Salt ---
5235	3746	1588	Top Yates
3746	4236	490	Top Seven Rivers
4236	4612	376	Top Green
4612	5013	401	Top Grayburg
5013			Top San Andres

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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