

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Hiaatha Oil & Gas Co. Address 1018 Midland Savings Bldg.
Midland, Texas

Lessor or Tract P.R.Bass - Federal Field West Henshaw State New Mexico

Well No. 1 Sec. 3 T. 16-S R. 30-E Meridian - County Eddy

Location 2310 ft. N. of N Line and 660 ft. E. of W Line of Lot 5 Elevation 3869
(Derrick floor relative to sea level)

Date December 3, 1963 Title _____ Dist. Supt. _____

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

Commenced drilling September 20, 19 63 Finished drilling September 27, 19 63

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2782 to 2794 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. 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—	
8 5/8	24.32	8 Rnd.	Pen.	55-381	4.5 guide	and 16291.5	16291.5	Surface	
5 1/2	24	8 Rnd.	L.S.J.	55-284	6. Guide	and 16291.5	16291.5	Production	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	392	175-6% gel & 100 w/ 2% cc.	Plug & Pump	9.5#/gal	
5-1/2	2839	110 Neat	Plug & Pump		

PLUGS AND ADAPTERS

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

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 0 feet to 2840 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

DATES	
December 3, 1963	Put to producing November 29 1963

The production for the first 24 hours was 21 barrels of fluid of which 29.5% was oil; 0% emulsion; 0% water; and .5% sediment. Gravity 886 API 36.5

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

EMPLOYEES

<u>R. E. Lee</u>	Driller	<u>R. M. Webster</u>	Driller
<u>J. W. Tyler</u>	Driller		Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>Electric Log Tops</u>			
of Yates	1316'		
of Queen	2084'		
of Premier	2774'		
Zone			
of Premier	2782'		
Pay			
of San Andres	2796'		

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[illegible]

The information given herewith is a complete and correct record of the well and all work done thereon as far as can be determined from all available records.

Signed _____

Location _____ of _____ Mine and _____ of _____ line of _____

Well No. _____ Sec. _____ T. _____ R. _____ S. _____

Lessors or Trustees _____

Company _____

Address _____

State _____

OIL OF GAS SANDS OR ZONES

1) Placed with 20,000 gal. 1688 oil and 26,000 # sand down casing with 2" line tubing in hole. Losses all made with 1000 lbs. of admitt. Each job was spearheaded with 250 gal. of 15% acid spotted on formation. Max. pressure 2800 #, average infection pressure 2550 #. Shut-in pressure 2300 # morning. Water hammer pressure 1100 #.

Location	Year	Depth	Amount	Kind of pipe	Cost and other items	Remarks
It is of the greatest importance to have a complete history of the well. Please state in detail the dates of re-drilling, together with the reasons for the work and its results. If there were any changes made in the casing, state date, and if any casing was "sideracked" or left in the well, give its size and location. If the well has been dynamited, give date, position, and number of shots. If pigs 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

FORMATION		TOTAL FEET		FORMATION	
Red beds & sand	270	370	0	FROM-	TO-
Anhydrite & salt	820	1190	1318		
Anhydrite	128	1318	1365		
Sand (Yates)	47	1365	1382		
Anhydrite, dolomite & sand	717	2082	2082		
Sand (Queen)	36	2118	2118		
Anhydrite, sand, dolomite	656	2774	2774		
Sand & shale (Premier sand)	22	2796	2796		
Dolomite (San Andres)	38	2834 (T.D.)			

FORMATION RECORD		EMPLOYERS		DATES		TOOLS USED	
FROM-	TO-	Employer	Employer	Start	Stop	Tools	Tools

SHOOTING RECORD		PLUGS AND ADAPTERS		MUDGING AND CEMENTING RECORD	
Shot used	Depth shot	Plug used	Adapter used	Mud used	Cement used

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