

HOBBS 5 - USGS

Am approved.
Budget Bureau No. 42-R355.4.

U. S. LAND OFFICE Las Cruces

SERIAL NUMBER LC -062949 B

LEASE OR PERMIT TO PROSPECT
M. Hudson FederalUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Getty Oil Co. (Tidewater) Address Box 547, Hobbs, N. Mex.
Lessor or Tract M. Hudson Federal Field Milnesand (San Andres) State New Mexico
Well No. 1 Sec. 23 T. 8S R. 34E Meridian NMPM County Roosevelt
Location 2310 ft. N. of S. Line and 660 ft. E. of B. Line of Sec. 23 Elevation 4256
(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

Original Signed By
O. L. WADNDate May 29, 1963 Title Area Supt.

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

Commenced drilling 12-26-62, 1962 Finished drilling 1-8-63, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4626 to 4690 No. 4, from 4690 to 4712
No. 2, from 4690 to 4712 No. 5, from 4712 to 4712
No. 3, from 4712 to 4712 No. 6, from 4712 to 4712

IMPORTANT WATER SANDS

No. 1, from 4626 to 4690 No. 3, from 4690 to 4712
No. 2, from 4690 to 4712 No. 4, from 4712 to 4712

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	32.7	8	Arco	333	Guide	Surface			Surface
4-1/2	9.5	8	J-55	4708	Float	4626	4664		Oil string
2-3/8	4.7	8	J-55	4621					Tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	333	250	Pump		
4-1/2	4708	402	"		

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 4712 TD feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

May 29, 1963 Put to producing May 28, 1963

The production for the first 24 hours was 33.28 barrels of fluid of which 37.5% was oil; _____%
emulsion 62.5% 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

J. R. Wooten, Driller of Cactus Drilg. Co.
R. J. Chappell, Driller
Dale Prester, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	275	275	Sand & caliche
275	880	605	Red bed
880	1850	970	Red bed & anhy.
1850	3984	2134	Anhy.
3984	4375	391	Lime
4375	4600	225	Dolomite
4600	4610	10	Anhy. & dolo.
4610	4688	78	Cored
4688	4712	24	San Andres

FROM—		TO—	TOTAL FEET	FORMATION
			DEVIATIONS	
		DEPTH		DEG. OFF
		650		1/2
		1600		3/4
		2045		1
		2785		1-1/4
		2913		1-1/2
		3603		1-1/4
4424	4425	3961		1
4425	4426	4235		1/2
4426	4427	4375		1/2
4427	4428	4560		1/2
4428	4429			
4429	4430			
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4499	4500			

FROM—		TO—	TOTAL FEET	FORMATION
			DEVIATIONS	
		DEPTH		DEG. OFF
		650		1/2
		1600		3/4
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		2785		1-1/4
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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 plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

DATE	DESCRIPTION	DEPTH	FEET	FEET	FEET	FEET	FEET	FEET
4/24/64	Perforated 4626-33, 4639-5 - 4645.5, 4647.5 - 4650.5 & 4661-64.							
4/24/64	Treated w/ 2000 gal. breakdown acid. Swabbed dry.							
4/24/64	Frased w/ 6300 gal. ref. oil & 2100# sand. Swabbed dry.							
4/24/64	Treated w/ 20,000 gal. 7-1/2% acid & 60 gal. NE agent & 60# FR-4 & 20,000# 20-40 sand.							
4/24/64	Installed pumping equipment 2-27-63.							
4/24/64	Pumping 2 BLO & 13 BW per day.							
4/24/64	Drilled cement from 4671-4706. Perforated 4671-79, 4681-86, 4688-90.							
4/24/64	Acidized w/ 1000 gal. 15% NE acid.							
4/24/64	Treated w/ 500 gal. NE acid, 40,000 gal. ref. oil & 27,500# sand.							

GEOLOGICAL TOPS	
Rustler	2220
Yates	2665
Queen	3130
San Andres	3876
Top porosity	4645