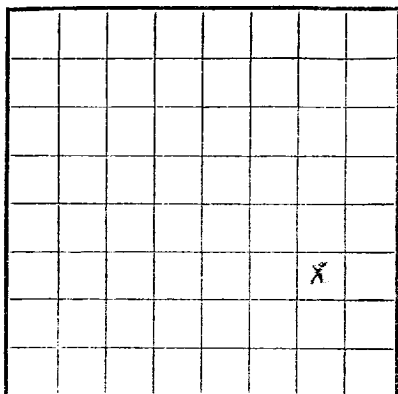




LOCATE WELL CORRECTLY

RECEIVED

FEB 14 1963

O. C. C.

ARTESIA, OFFICE

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

U. S. LAND OFFICE

SERIAL NUMBER LC 063621

LEASE OR PERMIT TO PROSPECT

RECEIVED
FEB 13 1963
U. S. DEPT. OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company CAP Drilling Company Address Box 375, Artesia, New Mexico
Lessor or Tract Aston Federal Field Loco Hills-Under State New Mexico
Well No. 1 Sec. 7 T. 18S R. 30E Meridian NMPM County Sandoz
Location 1650 ft. N. of 8 Line and 590 ft. W. of E Line of Sec. 7 Elevation 3523 GL
(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 [Signature]Date 1-21-63Title Agent

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

Commenced drilling 12-10-62, 19____ Finished drilling 1-22-63, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2358 to 2356 No. 4, from _____ to _____
No. 2, from 2797 to 2796 No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 2825 to 2836 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—	
5/8"	21	8	API	480	Float	None	2358	2356	Surface
5/8"	14	8	API	2820	Float	None	2797	2796	Oil string

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5/8"	2358	50	Centen		
1 1/2"	2820	150	Centen		

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 _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 2851 feet, and from _____ feet to _____ feet

DATES

January 31, 1963 Put to producing January 29, 1963
The production for the first 24 hours was 40 barrels of fluid of which 0 % was oil; 0 %
emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 36

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

F. D. McDaniel, Driller W. C. Culvahouse, Driller
K. M. Plummer, Driller J. G. Crow, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	35	35	Clay & caliche
35	115	80	Sand & mud
115	270	155	Sand & shale
270	430	160	At the end of COMPLETE DRILLER'S
430	1160	730	Log, STATE
1160	1685	525	Salt, WHETHER
1685	2337	652	Anhydrite
2337	2370	33	Lime & anhydrite
2370	2815	445	Sand
2815	2822	7	Lime
2822	2851	29	Sandy Lime
2851	TD		Sand
			Geological Tops
			Top salt 430
			Base salt 1160
			Queen 2337
			Loco Hills 2815

Plugged back into casing at 2805. Sulphur water was encountered at 2825.
Ran electric log. Perforated section 2792-96 and treated with 5000 lbs
of sand & 300 bbl of oil. Natural production in this section was est. at
2 or 3 BOPD. Set Guiberson cast iron plug at 2362. Perforated section
2342-52. Treated this section with 25000 lbs sand & 400 bbl oil. Natural
production in this section had been 8 BOPD on bailing test. After recovery
recovery of load oil from this treatment the well will make 40 BOPD.
The cast iron plug was left in the hole sealing off the lower formation.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-53084-2

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