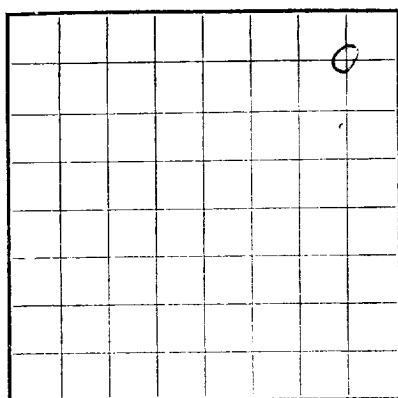




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **New Mexico**
SERIAL NUMBER **NM 01218**
LEASE OR PERMIT TO PROSPECT **Elliott-Hall**

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

DEC 31 1962

LOG OF OIL OR GAS WELL

Company **S.P. YATES & MARTIN YATES, III** Address **309 Carper Bldg., Artesia, N. M.**
Lessor or Tract **Elliott-Hall** Field **Lusk Strawn** State **New Mexico**
Well No. **1** Sec. **30** T. **19S** R. **32E** Meridian **N.M.P.M.** County **Lea**
Location **660** ft. **XXX** of **N** Line and **660** ft. **XXX** of **E** Line of **Sec. 30** Elevation **3566**
(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 **12/27/62** Signed **[Signature]** Title **Agent**

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

Commenced drilling **September 28,** 19 **62** Finished drilling **December 25**, 19 **62**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **11200'** to **11300'** No. 4, from _____ to _____
No. 2, from **12330'** to **12420'** 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—	
13 3/8	40#	8	Spang	798'	Float				Surface
9 5/8	40#	8	Republic	1132	Float				Salt String
	36#	8	"	2551					
				3683					
5 1/2	17#	8	Buttress	12469	Float	See History b			Prod String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	798	900	pump		
9 5/8	3683	2800	pump		
5 1/2	12469	775	pump		

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 **12475** feet, and from _____ feet to _____ feet

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

DATES

12/27, 19 **62** Put to producing **12/25**, 19 **62**

The production for the first **24** hours was **156** barrels of fluid of which **100%** was oil; **0%** emulsion; **0%** water; and **0%** sediment. Gravity, °Bé. **46.1**

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

R. E. Evans, Driller **G. M. Hollis**, Driller
M. H. Castleman, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	936	936	Anhydrite & Gyp.
936	2195	1259	Salt & Anhydrite
2195	2721	526	Anhydrite
2721	3717	996	Anhydrite, Sand & Lime
3717	7771	4054	Lime
7771	8146	375	Lime & Chert
8146	8732	586	Lime
8732	8912	180	Lime & Shale
8912	10192	1280	Lime
10192	11103	911	Lime & Shale
11103	11259	156	Lime & Chert
11259	11752	493	Lime
11752	12165	413	Lime & Shale
12165	12475 TD	310	Lime, Shale & Sand

(OVER)

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
FORMATION TOPS			
	Rustler Anh.	- 774'	
	Salado	- 1042	
	Tansill	- 2342	
	Yates	- 2506	
	Capitan	- 2824	
	Delaware	- 5588	
	Bore Spring	- 7110	
	1st B.S. Sd.	- 8369	
	Lower BS Sd.	- 9845	
	Wellcamp	- 10360	
	Strawn	- 11068	
	Atoka	- 11520	
	Morrow	- 11752	
ALL MEASUREMENT FROM KDB - HEIGHT 121'			

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.

5½" casing was perforated from:

11260' - 11270'
11283' - 11287'
12354' - 12364'
12378' - 12394'
12397' - 12399'

With two shots per foot:

Well was dual completed in the strawn & morrow formation with two strings of 2 1/16" tubing. Packers set at 11104' and 12061'. Morrow zone is shut in for lack of market.