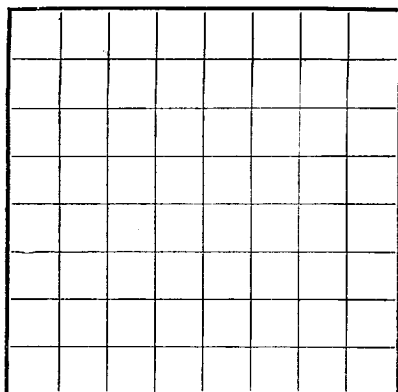


Form 9-330

U. S. LAND OFFICE **Santa Fe**SERIAL NUMBER **MM 0393**

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

RECEIVED

UNITED STATES

MAY 17 1961

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICODEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYRECEIVED
MAY 19 1961O. C. C.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

Company **S. P. YATES & MARTIN YATES III** Address **309 Carper Bldg., Artesia, N.M.**Lessor or Tract **HEY Fed. 70** Field **undesignated** State **New Mexico**Well No. **1** Sec. **20** T. **18 N.** R. **29E** Meridian **N.M.P.M.** County **Eddy**Location **660** ft. **XXXX** of **S.** of **XXXX** Line and **660** ft. **XXXX** of **W.** of **XXXX** Line of **Sec. 20** Elevation **3530**
(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

Date **5-15-61**Title **Agent**

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

Commenced drilling **5-1-61**, 19____ Finished drilling **5-7-61**, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2399** to **2387** 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—	
7	204	8	Used	H10	Texas	Pattern			
4 1/2	9.6	8	New	355 2778			2389	2387	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7	401	75	PUMP		
4 1/2	2778	175	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
Treated by sand frac method 27000 gal lease oil and 87000 lbs 20/40 sand						

TOOLS USED

Rotary tools were used from **0** feet to **2790** feet, and from _____ feet to _____ feet

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

DATES

5-15-61, 19____ Put to producing **5-10**, 19**61**The production for the first 24 hours was **65** barrels of fluid of which **100**% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. **35**

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

H Romine, Driller _____, Driller**John Hill**, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	420		Red Bed & Sand
420	800		Salt & Anhy.
800	810		Red Bed
810	1710		Anhy, lime, gyp
1710	1760		grey sand
1760	1930		lime & dolo.
1930	1958		sand & anhy
1958	1967		core # 1
1967	2150		Anhy & sandy lime
2150	2167		Core # 2
2167	2350		XXXXXX Sandy lime
2350	2401		Core # # 3
2401	2426		XXXXXX Core # 4
2426	2567		Lime & Dolo.
2567	2707		Sand & Dolo.
			Lime & Dolo.

FORMATION RECORD—Continued

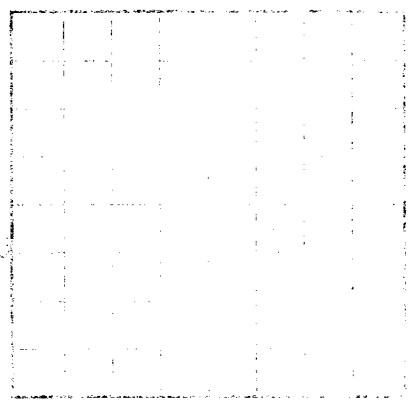
FROM—	TO—	TOTAL FEET	FORMATION
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FORMATION

U. S. GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
WASHINGTON, D. C.

LOG OF OIL OR GAS WELL

10-43094-2



LOG OF OIL OR GAS WELL

U. S. GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
WASHINGTON, D. C.

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DEPARTMENT OF THE INTERIOR
WASHINGTON, D. C.

The following is a complete history of the well, 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 "struck" or left in the well, give the 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

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 "struck" or left in the well, give the 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.

MATERIALS AND METHODS USED		RESULTS	
Material	Method	Result	Remarks
...	...	...	...
PLUGS AND BRIDGES		RESULTS	
Plug	Bridge	Result	Remarks
DYNAMITING		RESULTS	
Date	Size	Position	Remarks
TESTS		RESULTS	
Test	Result	Remarks	...
EMPLOYERS		RESULTS	
Employer	Result	Remarks	...
FORMATION RECORD		RESULTS	
Formation	Result	Remarks	...

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