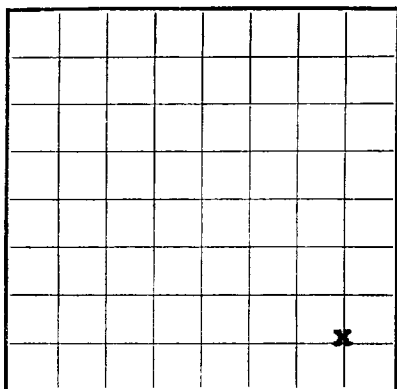




LOCATE WELL CORRECTLY

RECEIVED

OCT 24 1963

UNITED STATES
U. S. GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
ARTESIA, NEW MEXICO
GEOLOGICAL SURVEYU. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **LC 070390**
LEASE OR PERMIT TO PROSPECT **P**

LOG OF OIL OR GAS WELL

Company **Yates Petroleum Corporation** Address **309 Carper Bldg. Artesia, New Mex.**Lessor or Tract **Federal "AA" 1** Field **Wildcat** State **New Mexico**Well No. **1** Sec. **27** T. **18** R. **24** Meridian **N.M.P.M.** County **Eddy**Location **660** ft. ^[N.] of **S.** Line and **660** ft. ^[E.] of **E.** Line of Sec. **27-18-24** Elevation **3713**
(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 **October 23, 1963** Title **Drilling Supt.**

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

Commenced drilling **August 28**, 19**63** Finished drilling **October 8**, 19**63**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **6487** to **6505** **slight show of oil in dust.** No. 4, from _____ to _____No. 2, from **6824** **slight show of gas w/water** No. 5, from _____ to _____No. 3, from **8575** to **8583 (gas on DST)** No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from **6800** to **6860** 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#				930	Tex Pattern		910		(2 shots) squeeze

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8" 930			250 sxs squeeze thru perfs @ 910'.		
			350 sxs in stages w/1" down annulus.		
			10 yds ready mix down annulus to surface.		

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 **1554** feet to **8673** feet, and from _____ feet to _____ feetCable tools were used from **0** feet to **1554** feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____

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

_____**Guy Williams**_____, Driller _____**Cecil Carre**_____, Driller_____**Ed Standefer**_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Well drilled previously to 1554' T.D.			
1580	1842	262	Dolomite
1842	1917	75	Dolomite w/minor sandstone
1917	3252	1335	Dolomite w/occasional sandstone stringers
3252	3370	118	Sandstone w/dolomite
3370	3550	180	Dolomite w/sandstone stringers
3550	3892	342	Dolomite
3892	4100	208	Shale, Red & Green
4100	5080	980	Dolomite w/ occasional anhy. stringers in upper part.
5080	5280	200	Limestone w/minor dolomite
5280	5440	160	Shale, Red & Limestone
5440	6261	821	Interbedded gray shale, red shale & limestone
6261	6630	369	Limestone w/interbedded gray shale
6630	6670	40	Sandstone, Conglomeratic w/gray shale
6670	7280	610	Limestone & interbedded gray shale
7280	7360	80	Sandstone & shale
7360	7485	125	Shale, gray w/limestone
7485	7870	385	Limestone w/ some gray shale
7870	8130	260	Interbedded shale, gray w/minor red & limestone

(OVER)

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
8130	8225	95	Limestone
8225	8340	115	Shale, gray w/interbedded limestone
8340	8440	100	Limestone
8440	8550	110	Shale, gray w/minor limestone
8550	8585	35	Sandstone, Conglomeratic & shale, gray
8585	8621	36	Shale, black
8621	8673	52	Limestone
Electrical log tops			
San Andres	503		
Glorieta	1842		
Yeso	1917		
Tubb	3252		
Abo	3892		
Clasco	6251		
Canyon	7277		
Barnett shale	8585		
Chester U. St.	8621		

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.

Commenced deepening August 28, 1963 - Completed October 8, 1963.
From 1550 to 8673 - To test Morrow section.
Show of gas from 8575-8583 - Plugged & Abandoned October 17, 1963