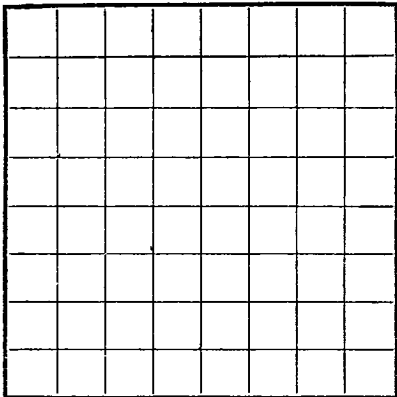




LOCATE WELL CORRECTLY

HOBBS OFFICE U. S. C.

U. S. LAND OFFICE **Las Cruces**

SERIAL NUMBER **054667**

LEASE OR PERMIT TO PROSPECT **Gregory**
Federal-El Paso

DEC 17 10 23 AM '63 UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Union Texas Petroleum Corp.** Address **Box 1859 - Midland, Texas**

Lessor or Tract **Gregory Federal** Field **Crosby-Devonian** State **New Mexico**

Well No. **1** Sec. **33** T. **25** R. **37** Meridian **N.M.P.M.** County **Lea**

Location **660** ft. **N.** of **S.** Line and **1650** ft. **W.** of **E.** Line of **Sec. 33** Elevation **3010**
(Derriek 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 **December 4, 1963** Title **District Clerk**

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

Commenced drilling **August 20**, 19**63** Finished drilling **October 4**, 19**63**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **8308 (g)** to **8378** No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

DEL 8380-8405' LIMB 900' IMPORTANT WATER SANDS ONE MILE
DEL 8380-8413' LIMB 205' WCE' 160' 32' No. 3, from 2' and 15' to 16'
DEL 8315-350' LIMB 332' WCE' 860' 150' No. 2, from 15' to 16'
DEL 1350-17' 860' 0780, 201' MFT
DEL 2812-20' 860' 5180, 201' MFT

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	489	8	H-40	516	Guide	_____	_____	_____	Surface
8-5/8	246	8	H-40	1379	Guide	_____	_____	_____	Intermediate
5-1/2	20 & 23	8	N-80 & P-110	8461	Guide	8308	8378	_____	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	516	450	Pump & Plug	_____	_____
8-5/8	1300	1300	Pump & Plug	_____	_____
5-1/2	8461	639	Pump & Plug	_____	_____

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 **8461** feet, and from _____ feet to _____ feet

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

DATES

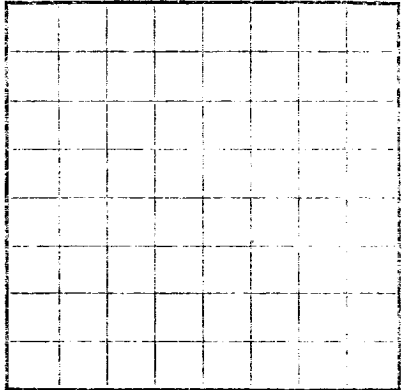
December 4, 19**63** Put to producing **October 21**, 19**63**

The production for the first 24 hours was **36.95** barrels of fluid of which **82** % was **distillate** emulsion; **18** % water; and _____ % sediment. Gravity, °Bé. _____

U.S. LAND OFFICE
Serial Number 024667
Federal-El Paso
Lease or Permit to Prospect Gregory

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES
Dec 17 1963

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company Union Texas Petroleum Corp. Address Box 1859 - Midland, Texas
Lessor or Tract Gregory Federal Field Crosby-Devonian State New Mexico
Well No. 1 Sec. 33 T. 25 R. 37 Meridian N.M.P.M. County Lea
Location 660 ft. of 3 Line and 1650 ft. W. of 3 Line of Sec. 33 Elevation 3010
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 _____ Title District Clerk

Date December 4, 1963
The summary on this page is for the condition of the well at above date.
Commenced drilling August 20, 1963 Finished drilling October 4, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 8308 (g) to 8378
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____

DST 8380-8462, find 600 lbs. of sand, 3' cut mud.
DST 8378-8373, find 3.2 MCN, rec. 3.2 MCN, 5' cut water.
DST 8272-320, find 225 MCN, rec. 120 MCN, water cut mud.
DST 7320-74, rec. 6480, sul. mtr.
DST 5815-80, rec. 2180, sul. mtr.

CASING RECORD

Casing size	Weight per foot	Threads per inch	Makes	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
							From - To -	
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 therefor, the size and location of the well, the date, size, position, and number of the casing, and the results of pumping or running in the well.								
2-1/2	50	8					8308	Production
2-1/2	50	8					8378	Production

MUDDING AND CEMENTING RECORD

Casing size	Weight per foot	Number sacks of cement	Method used	Mud gravity	Amount of mud used
2-1/2	8441	632	Pump & plug		
2-5/8	1300	1300	Pump & plug		
13-3/4	510	450	Pump & plug		

PLUGS AND ADAPTERS

Adapters—Material	Size	Depth	Depth set
Heaving plug—Material			

SHOOTING RECORD

Size	Shots used	Explosive used	Quantity	Date	Depth shot	Depth cleared out

TOOLS USED

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

DATES

December 4, 1963 Put to producing October 21, 1963
The production for the first 24 hours was 36.95 barrels of fluid of which 35% was oil and 1% was gas
Gravities: oil 36.95, water: and _____ sediment