

HOBBS

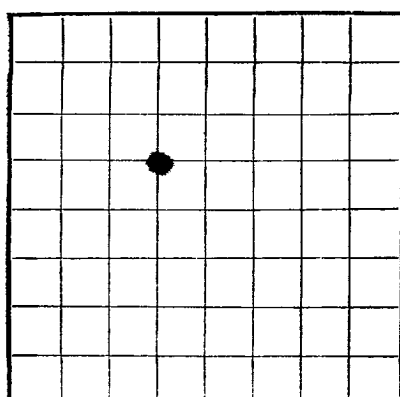
Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

Form 9-330

U. S. LAND OFFICE

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Frontier City Investment Company Address Box 1178 Monroe, Texas
Lessor or Tract Forney Federal Field Forney (Delaware) State New Mexico
Well No. 137 Sec. 21 T. 25S R. 32E Meridian NMPN County Lea
Location 1300 ft. S. of 1/4 Line and 1300 ft. E. of 1/4 Line of Section 21 Elevation 3411' MSL.
(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 February 24, 1961Title Asst. Dir. of Agr.

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

Commenced drilling February 19, 1961 Finished drilling February 18, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1576 to 1647 No. 4, from _____ to _____
No. 2, from 1662 to 1676 No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None 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—	
<u>7-5/8"</u>	<u>26.0</u>	<u>8.0</u>	<u>API</u>	<u>100</u>	<u>RF</u>	<u>1576</u>	<u>1576</u>	<u>1647</u>	<u>Logging</u>
<u>5-1/2"</u>	<u>19.5</u>	<u>8.0</u>	<u>API</u>	<u>100</u>	<u>RF</u>	<u>1647</u>	<u>1647</u>	<u>1662</u>	<u>Logging</u>
<u>3-1/2"</u>	<u>11.0</u>	<u>8.0</u>	<u>API</u>	<u>100</u>	<u>RF</u>	<u>1662</u>	<u>1662</u>	<u>1676</u>	<u>Logging</u>
Casing Perforations (1576' to 1647') (1647' to 1662') (1662' to 1676') (1676' to 1682')									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>7-5/8"</u>	<u>1576-1647</u>	<u>300</u>	<u>RF</u>	<u>16.0</u>	<u>Half Full</u>
<u>5-1/2"</u>	<u>1647-1662</u>	<u>100</u>	<u>RF</u>	<u>14.5</u>	<u>Half Full</u>
<u>3-1/2"</u>	<u>1662-1676</u>	<u>500</u>	<u>RF</u>	<u>Water</u>	<u>Half Full</u>

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
<u>Completed natural</u>						

TOOLS USED

Rotary tools were used from 1576 feet to 1676 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

February 24, 1961 Put to producing February 22, 1961

The production for the first 24 hours was 65.00 barrels of fluid of which 100% was oil; 0% emulsion; 0% water; and 0% sediment. Gravity, °Bé. 11.4 at 60 deg.

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

J. C. Martin, Driller Ray Williams, Driller
G. A. Cross, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>726</u>	<u>726</u>	<u>Sand, Shale & Caliche</u>
<u>726</u>	<u>945</u>	<u>219</u>	<u>Anhydrite & Dolomite</u>
<u>945</u>	<u>1105</u>	<u>160</u>	<u>Gyp & Red Bed</u>
<u>1105</u>	<u>2940</u>	<u>1835</u>	<u>Salt w/anhydrite stringers</u>
<u>2940</u>	<u>4530</u>	<u>1590</u>	<u>Anhydrite & Salt</u>
<u>4530</u>	<u>4530</u>	<u>0</u>	<u>Black Shale</u>
<u>4530</u>	<u>4530</u>	<u>0</u>	<u>Sand</u>
<u>4530</u>	<u>4726</u>	<u>196</u>	<u>Sand & Shale - Total Depth</u>
<u>4726</u>	<u>4726</u>	<u>0</u>	<u>Flag Rock Total Depth</u>
GEOLOGICAL TOPS			
<u>Top Anhydrite</u>	<u>726</u>	<u>726</u>	
<u>Top Salt</u>	<u>1105</u>	<u>1105</u>	
<u>Top Dolomite</u>	<u>945</u>	<u>945</u>	
<u>Top Caliche</u>	<u>0</u>	<u>0</u>	
<u>Top Sand</u>	<u>4530</u>	<u>4530</u>	
<u>Total Depth</u>	<u>4726</u>	<u>4726</u>	
<u>Flag Rock Total Depth</u>	<u>4726</u>	<u>4726</u>	
NOTE:			
<u>No Corrosion Obs.</u>			
<u>No Drill Stem Tests taken.</u>			

ILLEGIBLE

(OVER)

FORMATION RECORD—Continued

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOC OF OIL OR GAS WELL

A 10x10 grid with a single black dot in the center, representing the number 1.

1. Name of the person: John Doe
 2. Address: 123 Main Street, Apt. 456, New York, NY 10001
 3. Phone: (212) 555-1234
 4. Date of birth: 01/01/1980
 5. Sex: M
 6. Race: W
 7. Height: 5'10"
 8. Weight: 180 lbs
 9. Eyes: B
 10. Hair: B
 11. Skin: Fair
 12. Signature: [Signature]
 13. Date: 01/01/2020

The summary on this page is for the section of the web at above date
 of 19 01 2001

NO CAS BANDS OR ZONES

(7) 2010 2011 2012

to	from	to	from
to	from	to	from
to	from	to	from

IMPORTANT WATER SANDS

to No. 3 from No. 1

to No. 4 from No. 2

CASING RECORD

Value added by the plant	Through the industry	Mark	Amount	Kind of stone	Cut and pulled from	From To -	Perforated	Purpose
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[illegible]

HISTORY OF OIL OR GAS WELL

W. H. 10 961	Number sacks of cement	Method used	Mud gravity	Amount of mud used
100	100	100	100	100
100	100	100	100	100
100	100	100	100	100

REFUGEE AND ADAPTERS

Length		Depth	
Material		Material	

SHOOTING RECORD

Quantity	Rate	Depth (mm)	Depth (mm)

USEC 21000

of 1961	from 1961	of 1961	from 1961
of 1961	from 1961	of 1961	from 1961

ENTAG

1. The production for the first hour was 100 barrels of fluid of which 100% was oil; 100% gravity, 18.5. 1000 cu. ft. of gas.

EVERYTHING

[illegible]

FOUNDAION RECORD

[illegible]

1001	1001	1001	1001
1002	1002	1002	1002
1003	1003	1003	1003
1004	1004	1004	1004
1005	1005	1005	1005
1006	1006	1006	1006
1007	1007	1007	1007
1008	1008	1008	1008
1009	1009	1009	1009
1010	1010	1010	1010
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1016	1016	1016	1016
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