



LOCATE WELL CORRECTLY

U. S. LAND OFFICE  
SERIAL NUMBER **W.H.051845**  
LEASE OR PERMIT TO PROSPECT

HOBBBS OFFICE, O.C.C.  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Lone Star Producing Company** Address **P. O. Box 4815, Midland, Texas**  
Lessor or Tract \_\_\_\_\_ Field **South Prairie Perm** State **New Mexico**  
Well No. **2** Sec. **20** T. **8S** R. **36E** Meridian **NMPN** County **Roosevelt**  
Location **660** ft. **IX** of **8** Line and **660** ft. **IX** of **8** Line of **Section 20** Elevation **4,123**  
(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 **E. C. Martin**  
Date **June 5, 1961** Title **Sr. Foreman (Production)**

The summary on this page is for the condition of the well at above date.  
Commenced drilling **January 31**, 19**61** Finished drilling **May 28**, 19**61**

OIL OR GAS SANDS OR ZONES  
(Denote gas by G)

No. 1, from **9,687** to **9,695** 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 **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-	
<b>13-3/8</b>	<b>4.707</b>	<b>8</b>	<b>J &amp; L</b>	<b>9,687</b>	<b>Linking</b>				<b>Oil string</b>
<b>8-5/8</b>	<b>4.330</b>	<b>8</b>	<b>J &amp; L</b>	<b>9,687</b>	<b>Linking</b>				<b>Oil string</b>
<b>5</b>	<b>4.330</b>	<b>8</b>	<b>J &amp; L</b>	<b>9,687</b>	<b>Linking</b>				<b>Oil string</b>
<b>2-3/8</b>	<b>4.707</b>	<b>8</b>	<b>J &amp; L</b>	<b>9,687</b>	<b>Linking</b>				<b>Oil string</b>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<b>13-3/8</b>	<b>4.26</b>	<b>100 Circulated</b>	<b>Pump &amp; Plug</b>		<b>10 sacks Gel, 3 sacks lime</b>
<b>8-5/8</b>	<b>4.330</b>	<b>100 Circulated</b>	<b>Pump &amp; Plug</b>		
<b>5</b>	<b>4.330</b>	<b>100</b>	<b>Pump &amp; Plug</b>		
<b>2-3/8</b>	<b>4.707</b>	<b>100</b>	<b>Pump &amp; Plug</b>		

PLUGS AND ADAPTERS

Heaving plug—Material **None** 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 **9,750** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

Put to producing **June 1**, 19**61**  
The production for the first 24 hours was **235.33** barrels of fluid of which \_\_\_\_\_% was oil; \_\_\_\_\_% emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity, °Bé. **100**  
If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas **48.2**  
Rock pressure, lbs. per sq. in. \_\_\_\_\_

EMPLOYEES

**R. D. Joney, Jr.**, Driller  
**Gas F. Lamb**, Driller  
**A. G. Martin**, Driller  
**A. G. Raper, Pusher**

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0'	1,635'	1,635'	Red Bed, Caliche, Sand & Shale
1,635'	2,071'	436'	Red Bed, Sand & Shale
2,071'	2,291'	220'	Anhydrite & Salt Streaks
2,291'	3,638'	1,347'	Anhydrite, Salt & Shale
3,638'	3,933'	295'	Anhydrite & Salt
3,933'	4,073'	140'	Anhydrite, Salt & Gyp
4,073'	4,341'	268'	Anhydrite, Salt, Lime & Gyp
4,341'	4,821'	480'	Anhydrite, Sand & Lime
4,821'	5,421'	600'	Lime & Sand
5,421'	6,592'	1,171'	Lime, Sand & Shale
6,592'	7,720'	1,128'	Lime, Shale & Sand
7,720'	8,094'	374'	Lime, Shale & Anhydrite
8,094'	8,796'	702'	Lime, Shale, Anhydrite & Gyp
8,796'	8,946'	150'	Lime, Chert & Shale
8,946'	8,991'	45'	Lime, Shale & Sand
8,991'	9,067'	76'	Lime, Shale & Chert
9,067'	9,102'	35'	Lime, Dolomite & Chert
9,102'	9,212'	110'	Lime, Shale & Chert
9,212'	9,487'	275'	Lime, Shale & Sand
9,487'	9,506'	19'	Lime, Sand, Chert & Shale
9,506'	9,750'	244'	Lime & Shale

