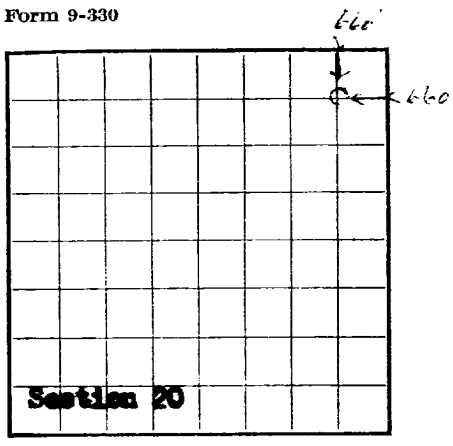
Form 9-330

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

Hobbs, New Mex.
U. S. LAND OFFICE

073669
SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Lone Star Producing Company — Company
P. O. Box 4815, Midland, Texas — Address
Federal N.M. "C" — Lessor or Tract
South Prairie Penn — Field
New Mexico — State
"C" 1 — Well No.
20 — Sec.
8-S — T.
36-E — R.
NMPM — Meridian
Roosevelt — County
660 ft. [N.] [S.] of N. Line and 660 ft. [E.] [W.] of E. Line of Section 20 — Location
4,134' (Derrick floor relative to sea level) — Elevation

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. [illegible]

February 6, 1961 — Date
Sr. Foreman (Production) — Title

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

Commenced drilling December 22, 1961 — Finished drilling January 27, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 9,639' to 9,662'
No. 2, from ____ to ____
No. 3, from ____ to ____
No. 4, from ____ to ____
No. 5, from ____ to ____
No. 6, from ____ to ____

IMPORTANT WATER SANDS

No. 1, from ____ to ____
No. 2, from ____ to ____
No. 3, 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 From—	Perforated To—	Purpose
13-3/8"	48#	8 rd.	J & L	427'	Larkin	—			
9-5/8"	32.30#	8 rd.	J & L	4,335'	Larkin	—			
7" OD	23/26#	8 rd.	Rep.	9,695'	Larkin	—	9,642'	9,658'	To complete.
2-3/8"	4.70#	8 rd.	Rep.	9,655'					
E.U.E.									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8"	427'	400 Circulated	Pump & Plug		
9-5/8"	4,335'	2390 Circulated	Pump & Plug		
7" O.D.	9,695'	600 Circulated	Pump & Plug		
		Top of cement behind 7" O.D. 7,780 feet.			

MARK

FOLD

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 9,695 feet, and from ____ feet to ____ feet
Cable tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

DATES

____, 19____ — Put to producing February 3, 1961

The production for the first 24 hours was 442.74 barrels of fluid of which 100 % was oil; — % emulsion; ____ % water; and ____ % sediment. Gravity, °Bé. 49.0

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

Rock pressure, lbs. per sq. in. ____

EMPLOYEES

Marvin Allison, Driller — J. D. Oliver, Driller
J. P. Manley, Driller — ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	200'	200'	Caliche & Sand
200'	2,000'	1,800'	Red Bed
2,000'	2,345'	345	Anhydrite & Gyp
2,345'	4,000	1,655'	Anhydrite & Salt
4,000'	5,395'	1,395'	Dolomite & Lime
5,395'	7,720'	2,325'	Lime & Shale
7,720'	8,450'	730'	Shale
8,450'	9,639'	1,189'	Lime, Shale & Chart
9,639'	9,695'	56'	Lime & Shale

16—48094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

HISTORY OF OIL OR GAS WELL

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

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 shot 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.

Formation Tops

Anhydrite 2,255 feet
San Andres 4,013 feet
Glorieta 5,160 feet
Tubbs 6,907 feet
Abo 7,743 feet
Wolfcamp 8,967 feet
3 Brothers 9,385 feet
Bough "A" 9,566 feet
Bough "B" 9,681 feet
Bough "C" 9,859 feet