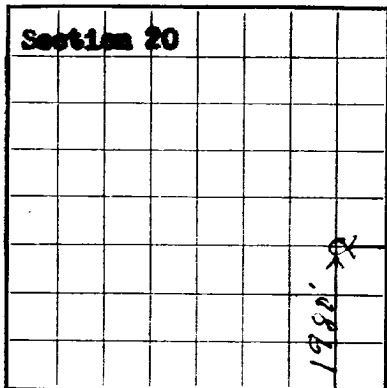


Form 9-330

U. S. LAND OFFICE Hobbs, New Mexico
SERIAL NUMBER _____
LEASE OR PERMIT TO PROSPECT 051845



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Lone Star Producing Company Address Box 4815, Midland, Texas
Lessor or Tract _____ Field South Prairie Pass State New Mexico
Well No. 1 Sec. 20 T. 8-S R. 36-E Meridian H&H County Roosevelt
Location 1980 ft. N. of S. Line and 660 ft. E. of E. Line of Section 20 Elevation 4117.4 Gr. (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. J. Lamb, Jr.

Date November 23, 1960 Title District Superintendent of Production
The summary on this page is for the condition of the well at above date.

Commenced drilling October 6, 19 60 Finished drilling November 16, 19 60

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

No. 1, from 9,651' to 9,667' (16') No. 4, from _____ to _____
No. 2, from 9,670' to 9,672' (2') No. 5, from _____ to _____
No. 3, from 9,675' to 9,677' (2') 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—	
13-3/8" CD	110	8	None	110'	None	None	None	None	Protect fresh water
9-5/8" CD	80	8	None	178'	None	None	None	None	None
7" CD	70	8	None	500'	None	None	None	None	Oil string
HILOKA OR OIL CEMENT									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8" CD	410'	400 (circulated)	Pump & Plug		40 sacks Cel, 5 sacks lime
9-5/8" CD	435'	1978 (circulated)	Pump & Plug		88 barrels crude oil
7" CD	9783'	500 Top of cement	Pump & Plug		
2-3/8" CD	9676'	7000'			

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
Acidized with			500 gals.	11-22-60		

TOOLS USED

Rotary tools were used from 0 feet to 9785 feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to _____ feet, and from _____ feet to _____ feet

DATES

November 23, 19 60 Put to producing November 22, 19 60
The production for the first 22 hours was 54.41 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 48.2
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. O. Brooks, Driller Gas L. Lamb, Jr., Driller
A. G. Martin, Driller A. G. Roper, Tool Pusher, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	70'	70'	Surface sand & caliche
70'	165'	95'	Sand & gravel
165'	200'	35'	Blue shale & sand
200'	410'	210'	Red bed & shale
410'	1,444'	1,034'	Red bed
1,444'	2,024'	580'	Red bed, sand & gyp
2,024'	2,328'	304'	Anhydrite, gyp & sand
2,328'	2,539'	211'	Anhydrite, salt & sand
2,539'	2,978'	439'	Salt, anhydrite & gyp
2,978'	4,328'	1,350'	Anhydrite, gyp & red shale
4,328'	4,335'	7'	Anhydrite & lime
4,335'	4,351'	16'	Lime, anhydrite & gyp
4,351'	4,362'	11'	Lime
4,362'	4,373'	11'	Lime & sand
4,373'	4,384'	11'	Lime
4,384'	4,395'	11'	Lime & sand
4,395'	4,406'	11'	Lime
4,406'	4,417'	11'	Red shale & lime
4,417'	4,428'	11'	Lime & sand
4,428'	4,439'	11'	Lime
4,439'	4,450'	11'	Lime
4,450'	4,461'	11'	Lime, red shale & salt streaks
4,461'	4,472'	11'	Lime
4,472'	4,483'	11'	Lime, salt & sand
4,483'	4,494'	11'	Lime, shale & sand
4,494'	4,505'	11'	Lime & sand
4,505'	4,516'	11'	Lime, sand & shale
4,516'	4,527'	11'	Lime, sand & shale

