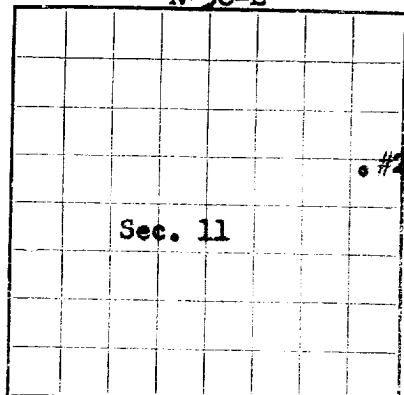


R-38-E



LOCATE WELL CORRECTLY

U. S. LAND OFFICE Las Cruces

SERIAL NUMBER 064605

LEASE OR PERMIT TO PROSPECT
Federal "B" LeaseUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Amerada Petroleum Corporation Address Drawer 817 - Seminole, Texas
Lessor or Tract Federal "B" Field Bronco-Siluro Devonian
Well No. 2 Sec. 11 T. 13-S R. 38-E Meridian N.M.P.M. County Lea
Location 1983 1/4 of 1/4 Line and 1/4 of 1/4 of 1/4 Line of Section 11 Elevation 3810'

The information given herewith is as complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed W. H. SumnerDate December 31, 1959Title District Superintendent

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

Commenced Deepening October 19, 1959 Finished Deepening December 8, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 11,044' to 11,070' No. 4, from _____ to _____
No. 2, from 11,802' to 11,850' No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ 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	36#	Welded	Armo	300'	Armo Casing			
9-5/8	26#	Std.	N80	1,520'	Baker Float			
7	23-26#	Std.	N80	9638'	Hall. Guide			
5-1/2	20#	Std.	N80	2,118'	Baker Float			
Liner - Set from 9384' to 11,802'							11044	11070 Miss. Zone

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	318'	400 sx.	Halliburton		
9-5/8	4536'	1300 sx.	Halliburton		
7	9632'	500 sx.	Halliburton		
5-1/2" Liner - 9384' to 11,802' - Top 800 sx. - Stat. 100 sx. - Halliburton					

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 11,850' feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

December 31, 1959 Put to producing See Reverse Side, 19____
The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

T. L. Henson _____, Driller V. N. Worley _____, Driller
W. E. Morphis _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	18	18	Cellar
18	290	272	Sand & Surface Rock
290	1400	1110	Red Bed
1400	1900	500	Red Bed & Anhydrite
1900	4500	2600	Anhydrite
4500	9823	5323	Lime
9823	9979	156	Lime & Shale
9979	10196	217	Lime
10196	10331	135	Lime & Chert
10331	10426	95	Lime
10426	10623	197	Lime & Chert
10623	10994	371	Lime & Shale
10994	11089	95	Lime
11089	11359	270	Lime & Chert
11359	11446	87	Lime & Shale
11446	11646	200	Lime & Chert
11646	11730	84	Lime & Shale
11730	11850	120	Lime
	11850		Total Depth

