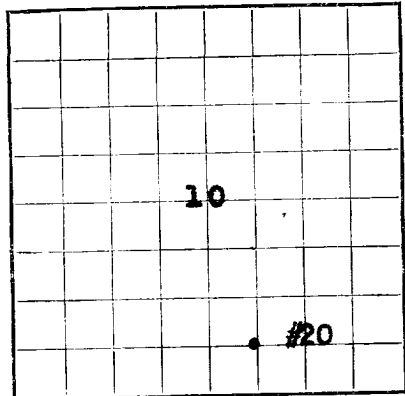




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APR 8 1959

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Las Cruces
U. S. LAND OFFICE
SERIAL NUMBER 029426 (B)
LEASE OR PERMIT TO PROSPECT

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company SINCLAIR OIL & GAS COMPANY Address Hobbs, New Mexico
Lessor or Tract H. E. WEST "B" Field Grayburg-Jackson State New Mexico
Well No. 20 Sec. 10 T. 17S R. 31E Meridian NMPH County Eddy
Location 660 ft. N of S Line and 1980 ft. E of E Line of Section 10 Elevation 3,906
(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 March 4, 1959 Title District Superintendent

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

Commenced drilling 2/9/, 1959 Finished drilling 3/22/, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3,218' to 3,556' 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 _____ 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—	
10-3/4	32.75	8R	Armco	797					Surface Production Tubing
5-1/2	14	8R	Nat'l.	3,635			3398	3410	
2-3/8	4.7	8R	Nat'l.	3,383					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	797	100	Halliburton		
5-1/2	3,635	100	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
		None				

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from Surface feet to 3,635' feet, and from _____ feet to _____ feet

DATES

April 3, 1959 Put to producing March April 3, 1959

The production for the first 24 hours was 156 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 35.8

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

L. T. Fleming, Driller Carl Davis, Driller
J. G. Taylor, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	50	50	Sand and caliche
50	275	225	Red beds
275	525	250	Sand and red beds
525	725	200	Red beds and anhydrite
725	797	72	Salt and red beds
797	1705	908	Salt
1705	2250	545	Anhydrite and red rock
2250	2305	55	Lime and anhydrite
2305	3080	775	Anhydrite
3080	3635	555	Lime

Orig & 3cc: USGS - Artesia
cc: FHR, MFD, File

FROM-	TO-	TOTAL FEET	FORMATION
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