

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 06818
LEASE OR PERMIT TO PROSPECT

RECEIVED

NOV 9 1959

UNITED STATES

U. S. GEOLOGICAL SURVEY DEPARTMENT OF THE INTERIOR
ARTESIA, NEW MEXICO GEOLOGICAL SURVEY

NOV 12 1959

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Shell Oil Co. & Texas Crude Oil Co. Address 1201 V & J Tower, Midland, Texas
Lessor or Tract Big Eddy Unit Field Wildcat State New Mexico
Well No. 1-30 Sec. 30 T 20-S R 31-E Meridian NMPM County Eddy
Location 330 ft. ^[N.] of S Line and 330 ft. ^[E.] of E Line of Sec. 30 Elevation 3573
(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 November 4, 1959Title Petroleum Engineer

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

Commenced drilling 3-25, 1959 Finished drilling 5-1, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2179 to 2200 No. 4, from _____ to _____
No. 2, from 6786 to 6836 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	64	500	Pump	—	—	—	2179	2200	Upper Zone
9-5/8	2094	1250	Pump	—	—	—	6786	6836	Lower Zone
7"	7354	425	Pump	—	—	—	—	—	—

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	64	500	Pump	—	Cement circulated
9-5/8	2094	1250	Pump	—	Cement circulated
7"	7354	425	Pump	—	Top Cement 1115'

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
NOT SHOT						

TOOLS USED

Rotary tools were used from _____ feet to 7350 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ * Put to producing June 15, 1959
The production for the first 24 hours was _____ barrels of fluid of which 100 % was oil; 0 %
emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 18° API
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	630	630	Surface rock, lime & red beds
630	1030	400	Anhydrite, lime and salt.
1030	2200	1170	Salt and potash
2200	2275	75	Anhydrite
2275	4075	1800	Dolomite, lime and sand
4075	7275	3200	Sand and lime
7275	7362	88	Lime

*Daily completed well. July 30, 1959 - Well potentialized from Lower Zone (Delaware) for 110 barrels of oil plus 115 barrels of water in 24 hrs. Gravity of oil was 36° API.

FORMATION RECORD—Continued

16-43094-4

-----PLEASE ON 1984-10-19 TO REPORT-----

ARTESIA, NEW MEXICO
GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
NOV 13 1953

LOCATE WELL CORRECTLY

police will not

viii Contents

3333 noitavol

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.

Date _____
Prepared by _____

The undersigned on this date is for the cognition of the well as above state

Completed drilling _____ 1952 _____ Finished drilling _____ 1952 _____

Oil or Gas Sands or Zones

(Theorie des Bau (2))

No. 1 from 3739 to 3906

_____ of _____ No. _____ at _____

et

IMPORTANT WATER SAVING

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____

[illegible]

CASINO RECORD

[illegible]

MURDING AND CEMENTING RECORD

Where set	Number sacks of cement	Method used	Kind gravel	Amount of mud used
4500	1000	Hand	1	1000
5000	1000	Hand	1	1000
4500	1000	Hand	1	1000

PLUGS AND ADAPTERS

Depth and	Length	Heaving plug—Material
	Size	Material

SHOOTING RECORD

Site	Shell used	Explosive used	Quantity	Date	Depth and	Depth cleared out
NOT USED	NOT USED					

TOOLS USED

Rotary tools were used from	feet to	feet and from	feet to
Cable tools were used from	feet to	feet and from	feet to

DATE

It was well on the last 24 hours	emulsion; 2% water; and 7% sediment.	10
The production for the first 24 hours was		10
Put to producing		10

EMPLOYEES

Driller, _____	Driller, _____		
Driller, _____	Driller, _____		

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	650	650	Surface rock, lime & red beds
650	1030	100	Argillite, lime and calc.
1030	1330	1170	Calc and potash
1330	1500	170	Argillite
1500	1675	1800	Dolomite, lime and sand
1675	1775	3500	Sand and lime
1775	1775	88	Lime

[illegible]

FORMATION RECORD—Continued