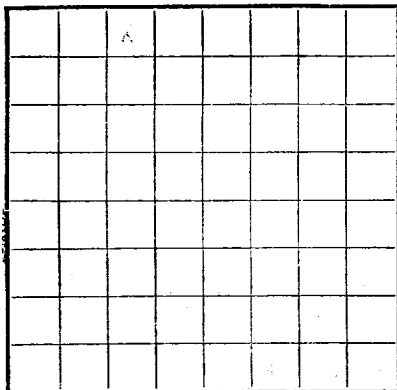


U. S. LAND OFFICE Santa Fe, New Mex.

SERIAL NUMBER **LC 053271**

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

RECEIVED
DEC 6 1962
ARTESIA, OFFICEUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**LOG OF OIL OR GAS WELL**

Company Leters Production Company Address P. O. Box 261, Pampa, Texas
Lessor or Tract Federal Field Wildcat State New Mexico
Well No. 1 Sec. 22 T. 21 S. R. 16 E. Meridian N.M.P.M. County Otero
Location 220 ft. N of N Line and 1550 ft. E of W Line of Section 22 Elevation 5385
(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 B. C. Dargatzis
Date December 4, 1962 Title Geologist

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

Commenced drilling November 9, 1962 Finished drilling November 20, 1962**OIL OR GAS SANDS OR ZONES**
(Denote gas by G)

No. 1, from NONE to _____ 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 1723 to 2252 No. 3, from 2252 to _____
No. 2, from 1723 to 2252 No. 4, from 2252 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	24	7	Big Pump	1595	Pump Plug				
9-5/8	1595	150							
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	24	7	Big Pump		
9-5/8	1595	150	Pump Plug		

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 Surface feet to 2252 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Abandoned as water well
November 21, 1962
Put to producing _____, 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

Pecos Drilling Company, Driller _____, Driller
Artesia, New Mexico, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	297	297	San Andres limestone w/yellow cg sandstone and gray arg. sdy dolomite
297	399	102	Yeso gypsum, gry arg dolomite and green-red siltstone
399	451	52	Yeso gypsum, green shale and buff arg dolomite
451	668	217	Yeso, tan fg dolomite w/gray fx limestone and gypsum
668	830	162	Yeso tan fg sdy dolomite and tan-gn fg sdy dolo sandstone
830	1500	530	Yeso tan fx limestone and tan fg dolomite w/gn fg shly sandstone
1360	1500	140	Brinkard red siltstone and wh-gn arg shly ss
1500	1669	169	Lower Yeso gypsum w/gry fg dolomite and fg shly sandstone
1669	1723	60	Abo red shale
1723	1968	239	El Paso gry-wh-tan fx sl sdy dolomite
1968	2061	93	Bliss wh cg dolo sandstone and tan fx sdy dolo
2060	2160	99	Bliss wh-gn my dolo sandstone and tan mx sdy dolomite
2160	2221	61	Bliss wh-gn-red cg glauconitic to hematitic ss
2221	2252 TO	31	Precambrian metamorphics
FROM—	TO—	TOTAL FEET	FORMATION

FORMATION RECORD—Continued

PLEASE OR PERMIT TO PROTECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

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 _____ Title _____

Location at _____ S. _____ T. _____ R. _____ E. _____ W. _____ of _____ Line of _____ Section _____ Township _____ Range _____ Meridian _____

Well No. _____ Lessor or Tract _____ Company _____

Address _____ State _____ Field _____

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

Commenced drilling _____, 19____
Finished drilling _____, 19____

OIL OR GAS SANDS OR ZONES

(Deer was by G)

No. 1, from	to	No. 4, from	to
No. 2, from	to	No. 5, from	to
No. 3, from	to	No. 6, from	to

(1) Stop Test 11-20-62: 2000-2156: Open 29 1/2 hours: Strong blow of air
 died in 16 minutes: Recovered 635', fresh water.
 No. 1 from 1450
 No. 207# EP 209-2700
 IMPORTANT WATER SANDS
 28 minutes 287#

CASING RECORD

Size inches	Weight per foot	Thread- inch	Make	Amount	Kind or use	Cut and pulled from	Perforated	Purpose
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 "sidetracked", 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.								

HISTORY OF OIL OR GAS WELL

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MUDDING AND CEMENTING RECORD

Slip casting	Where set	Number casts of cement	Weight used	Slip gravity	Amount of sand used
1	100	1	100	1.25	100
2	100	1	100	1.25	100

PLUGS AND ADAPTERS

Heaving plug—Material	Length	Depth set
Adapters—Material	Size	

SHOOTING RECORD

[illegible]

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

If gas well, cu. ft. per 24 hours emulsion; % water; and % sediment. The production for the first 24 hours was barrels of fluid of which % was oil; Gravity, ° Bè. Gallons gasoline per 1,000 cu. ft. of gas	Put to producing 19.....
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EMPLOYEES

Driller	Driller
Driller	Driller

FORMATION RECORD

[illegible]