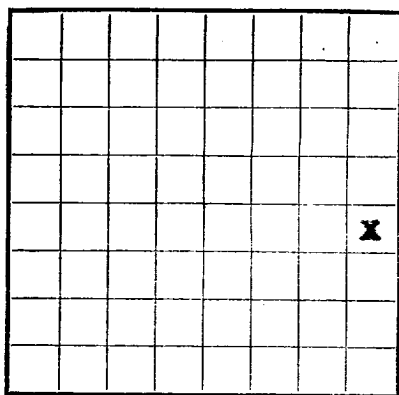


U. S. LAND OFFICE **ARTESIA, N.M.**SERIAL NUMBER **N. M. 014102**

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

RECEIVED UNITED STATES

MAR 6 1961

DEPARTMENT OF THE INTERIOR
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICORECEIVED
MAR 10 1961O. C. C.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

Company **CHAMBERS & KENNEDY** Address **607 MIDLAND NAT'L BANK BLDG. MIDLAND, TEXAS**
Lessor or Tract _____ Field **N. SHUGART** State **NEW MEXICO**
Well No. **2** Sec. **20** T. **18S** R. **31E** Meridian **10N 10W** County **EDDY**
Location **2310** ft. [N.] of **8.** Line and **330** ft. [E.] of **2** Line of **Sec. 20** Elevation **3632.6**
(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 3, 1961**Title **JOINT OPERATOR**

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

Commenced drilling **JANUARY 17,** 19**61** Finished drilling **FEBRUARY 14,** 19**61**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3198** to **3218** 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 **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—	
8 5/8	340	8	REG	121	REG	3198	3218	Oil string	
5 1/2	240	8	REG	101	REG	3218	3265	Oil string	
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
8 5/8	769	50 regular neat	Pump & Plug		
5 1/2	3265	12 1/2 (1:1 Mix Inconel) Pump & Plug			

Running plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
FRACTURED WELL WITH 20,000 gal. refined oil & 60,000 # 20-40 Sand						

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from **0** feet to **3265** feet, and from _____ feet to _____ feet

DATES

Feb 19, 19**61** Put to producing **February 28,** 19**61**

The production for the first 24 hours was **66** barrels of fluid of which **100** % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. **30.8**

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas **2 gal. to 1000 cuft.**

Rock pressure, lbs. per sq. in. _____

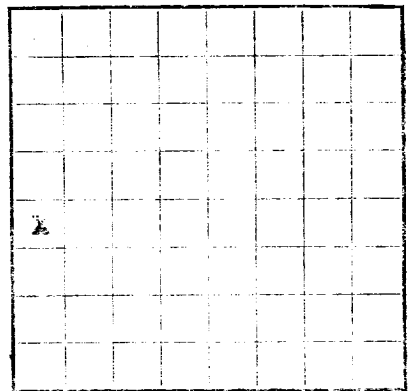
EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
AT THE END OF COMPLETE DRILLER'S LOG, ADD GEOLOGICAL INFO. STATE WHETHER FROM LOG OR SAMPLES.			
0	510	510	Sands and Shales - Permian
510	1415	915	Anhydrite Rustler
1415	1825	410	Salt
1825	2290	465	Tensill Dolomite & Anhydrite
2290	2480	190	Yates Sand & Shale & Dolomite
2480	2890	410	7 Rivers Dolomite
2890	2900	10	7 Rivers Sand
2900	2930	30	7 Rivers Dolomite
2930	2980	50	7 Rivers Sand
2980	3180	200	7 Rivers Dolomite
3180	3240	60	Queen Sand
3240	3265	25	Queen Dolomite
			Top Anhydrite 510 (EL)
			Top Yates 2290 (EL)
			Top of Queen 3182 (EL)

U.S. LAND OFFICE
SERIAL NUMBER
N. M. 014102
ARIZONA, N.M.
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

U.S. GEOLOGICAL SURVEY
ARIZONA, NEW MEXICO
MAR 6 1961
DEPARTMENT OF THE INTERIOR
RECEIVED UNITED STATES

Company _____
Lessor or Trust _____
Well No. _____
Location _____
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 _____
Title _____

The summary on this page is for the condition of the well at above date.
Commenced drilling _____
Finished drilling _____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

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

IMPORTANT WATER SANDS

No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____

CASING RECORD

Size _____
Weight _____
Threads per _____
Amount _____
Kind of steel _____
Cut and pulled from _____
Perforated _____
Purpose _____

5. If the well is cased, state in detail the kind of casing used, position, and results of pumping or running.
If the well has been dynamited, give date, size, position, and number of charges.
If there were any changes made in the casing, state fully, and if any casing was
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
sidedrilled, or left in the well, give its size and location.
If the well was plugged, state the kind of material used, position, and results of pumping or running.

HISTORY OF OIL OR GAS WELL

MUDGING AND CEMENTING RECORD

Size _____
Weight _____
Number sacks of cement _____
Method used _____
Mud gravity _____
Amount of mud used _____

PLUGS AND ADAPTERS

Adapter _____
Material _____
Size _____
Depth set _____

SHOOTING RECORD

Size _____
Shell used _____
Explosive used _____
Quantity _____
Date _____
Depth shot _____
Depth cleaned out _____

TOOLS USED

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

DATES

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____%
Put to producing _____
Gravity, °Be. _____
Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____
It gas well, cu. ft. per 24 hours _____
Emulsion; _____% water; and _____% sediment.

EMPLOYEES

Driller _____
Driller _____
Driller _____

FORMATION RECORD

FROM _____
TO _____
TOTAL FEET _____

3240
3180
3120
3060
3000
2940
2880
2820
2760
2700
2640
2580
2520
2460
2400
2340
2280
2220
2160
2100
2040
1980
1920
1860
1800
1740
1680
1620
1560
1500
1440
1380
1320
1260
1200
1140
1080
1020
960
900
840
780
720
660
600
540
480
420
360
300
240
180
120
60
0
Top of Queen
Top Yates
Top Anhydrite
3182 (EL)
2300 (EL)
210 (EL)