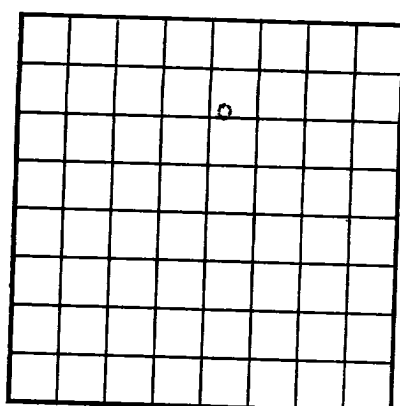


U. S. LAND OFFICE Las Cruces, N. M.

SERIAL NUMBER 050319 (a)

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Glenn W. Featherstone Address Denver, Colorado
Lessor or Tract Featherstone Brooks Field Empire State New Mexico
Well No. 22 Sec. 19 T. 17N R. 23W Meridian 17N County Chavez
Location 300 ft. (N.) of 11 Line and 2310 ft. (W.) of 1 Line of Sec. 19 Elevation 5000 (Derriex 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.

Date October 1, 1952Signed Roland M. Lean
Title N. M. Rep.

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

Commenced drilling 7/12/52, 1952 Finished drilling 9/26/52, 1952

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 501 to 507 No. 4, from 507 to 508
No. 2, from 502 to 505 No. 5, from 505 to 506
No. 3, from 501 to 506 No. 6, from 506 to 507

IMPORTANT WATER SANDS

No. 1, from 501 to 506 No. 3, from 506 to 507
No. 2, from 502 to 505 No. 4, from 505 to 506

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
7"	500	25			Plug				
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
7"	500	25	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
5"	50-20	6. 0. 0.	20 lbs.	7/25	501-506	506

TOOLS USED

Rotary tools were used from 0 feet to 500 feet, and from 500 feet to 507 feet
Cable tools were used from 0 feet to 500 feet, and from 500 feet to 507 feet

DATES

Put to producing Oct. 1, 1952

The production for the first 24 hours was 6 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 35

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

W. D. Johnston, Driller Leonard Carter, Driller
W. D. Johnston, Driller W. D. Johnston, Driller

FORMATION RECORD

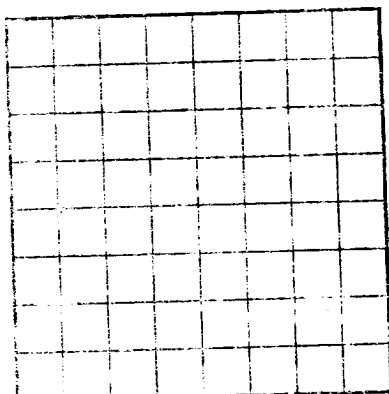
FROM—	TO—	TOTAL FEET	FORMATION
0	30	30	Top Soil & Clay
30	40	10	Clay & Cyp
40	50	10	Clay, Cyp and Arty
50	100	110	Arty & Cyp
100	150	150	Arty
150	200	200	Arty & Cyp
200	270	270	Arty, Shale & Red Be's
270	460	460	Arty & Lime
460	470	10	Lime
470	510	40	Arty, Cyp & Red Beds
510	530	20	Arty
530	550	20	Arty & Lime
550	564	14	Lime
564	567	3	Lime—light oil show
567	572	5	Arty
572	595	23	Lime—light oil show
595	601	6	Arty
601	606	5	Brown Sandy Lime-1 1/2 lbs oil/day
			606' is total depth
FROM—	TO—	TOTAL FEET	FORMATION

(OVER)

FORMATION RECORD—Continued

LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

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

Date _____
The summary on this page is for the condition of the well as shown into
Commenced drilling _____
Finished drilling _____

OIL OR GAS SANDS OR ZONES

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

IMPORTANT WATER SANDS

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

CAVITIES DETECTED

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
"struck" 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

U. S. GOVERNMENT PRINTING OFFICE

16-43094-1

FROM-	TO-	TOTAL FEET	FORMATION
FORMATION RECORD			
EMPLOYEES			
It gas well, cut ft. per 24 hours _____ The production for the first 24 hours was _____ enough to _____ water; and _____ separator.			
DATES			
Cable tools were used from _____ feet to _____ feet and from _____ feet to _____ feet			
TOOLS USED			
SHOOTING RECORD			
PLUGS AND BRIDGES			
CAVITIES DETECTED			
IMPORTANT WATER SANDS			
OIL OR GAS SANDS OR ZONES			
Commenced drilling _____ Finished drilling _____			
Date _____			
The summary on this page is for the condition of the well as shown into			
so far as can be determined from all available records.			
The information given here is a complete and correct record of the well and of work done thereon			
Location _____			
Well No. _____			
T. _____			
R. _____			
M. _____			
County _____			
State _____			
Field _____			
Address _____			
Company _____			