

COPY TO O. C. C.

U. S. LAND OFFICE *Los Cruces*
SERIAL NUMBER *260811*
LEASE OR PERMIT TO PROSPECT _____UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYRECEIVED
AUG 2 1954
GEOLOGICAL SURVEY
ALBUQUERQUE, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Neville G. Penman, Inc. Address 1813 Fair Bldg., Ft. Worth, Tex.
Lessor or Tract Union Federal Field Dickey State New Mexico
Well No. 2 Sec. 15 T. 14S R. 31E Meridian NMPM County Chaves
Location 2000 ft. (N.) of S Line and 198 ft. (E.) of W Line of Section 15 Elevation 4323
(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.

Date 7-30-54Signed John P. McLaughlin
Title Engineer

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

Commenced drilling June 13, 1954 Finished drilling July 8, 1954

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2967 to 2979 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 Well tested with 8" casing - 8' to 10' - 1000' test on 8" casing 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—	
12-3/4	45	8	12-3/4	2967					
8-1/2	26	8	8-1/2	2967					
7	20	8	7	2967					
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
12-3/4	245	265	Packings	—	—
7	2965	125	Packings	—	—

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 0 feet to 1295 feet, and from _____ feet to _____ feet
Cable tools were used from 1295 feet to TD feet, and from _____ feet to _____ feet

DATES

July 28, 1954 Put to producing July 28, 1954
The production for the first 24 hours was 112 barrels of fluid of which 100 % 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

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	100	100	Shale and sand
100	1295	1195	Red Beds
1295	1410	115	Anhydrite
1410	2035	1325	Salt
2035	2966	931	Anhydrite, sand, and salt
2966	2979	13	Oil sand
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(OVER)

FORMATION RECORD—Continued

16-48064-2

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Neville C. Penrose, Inc.
Lessor or Tract Union Federal
Well No. 1 Sec. 13 T. 142 R. 31E Meridian 44N43W
Location 2080 ft. (8x) of 2 line and 198 ft. (E) of 2 line of Section 13
Elevation 4332
State New Mexico Field Chick County Chavez
Address 1813 Fort Blvd., Ft. Worth, Tex.
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 John P. McLaughlin Title Engineer Date 7-20-34

The summary on this page is for the condition of the well at above date.
Commenced drilling April 13 Finished drilling July 8

OIL OR GAS SANDS OR ZONES

No. 1, from	2087	to	2072	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

Casing size	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
							From— To—	
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 same and its results. If the well has been dynamited, give date, size, position, and number of holes. If pieces 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

MUDDING AND CEMENTING RECORD

Casing size	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
12-3/4	245	362	Positive		
12-3/4	245	132	Positive		

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

DATES

Put to producing	July 28	1934
The production for the first 24 hours was		
emulsion; % water; and % sediment		
If gas well, cu. ft. per 24 hours		
Rock pressure, lbs. per sq. in.		
Gallons gasoline per 1,000 cu. ft. of gas		
Gravity, °Bé.		
% was oil;		

EMPLOYEES

Driller	Driller
Driller	Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	100	100	Shale and sand
100	1292	1192	Red sand
1292	1410	118	Anhydrite
1410	2032	1522	Salt
2032	2266	234	Anhydrite, sand, and salt
2266	2272	6	Oil sand
FROM—	TO—	TOTAL FEET	FORMATION