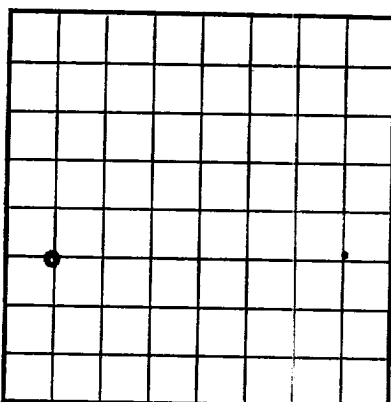


U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **640811**
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Neville G. Panrose, Inc.** Address **1813 Fair Bldg., Ft. Worth, Texas**
Lessor or Tract **Union Federal "A"** Field **Dickey-Queen** State **New Mexico**
Well No. **1** Sec. **15** T. **14S** R. **31E** Meridian **NMPM** County **Chaves**
Location **1980** ft. **(N)** of **S.** Line and **640** ft. **(E)** of **W.** Line of **Section 15** Elevation **4284**
(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 **July 12, 1955**Signed **John P. McNaughton**
Title **Engineer**

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

Commenced drilling **April 30**, 19 **55** Finished drilling **May 23**, 19 **55**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2929** to **2945** No. 2, from _____ to _____
No. 3, from _____ to _____ No. 4, from _____ to _____
No. 5, from _____ to _____
No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 2, from _____ to _____
No. 3, 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—	
12-3/4	45	8 rd	Used	148	Texas				Surface
8-5/8	29	8 rd	Used	1247	Perkins				Production
7	29	8 rd	Used	2929	Perkins				Production
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	148	150	Circulation	-	-
8-5/8	1247	marked	-	-	-
7	2924	125	Perkins 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 **0** feet to **1247** feet, and from _____ feet to _____ feet
Cable tools were used from **1247** feet to **TD** feet, and from _____ feet to _____ feet

DATES

Put to producing **June 17**, 19 **55**
The production for the first 24 hours was **90** barrels of fluid of which **100** % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. **34**
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	1252	1252	Red beds
1252	1395	143	Anhydrite
1395	1996	601	Salt
1996	2155	159	Anhydrite and salt
2155	2283	128	Sand and anhydrite
2283	2929	646	Anhy. w/streaks of salt, sand, shale
2929	2945	16	Oil sand
FROM—	TO—	TOTAL FEET	FORMATION

(OVER)

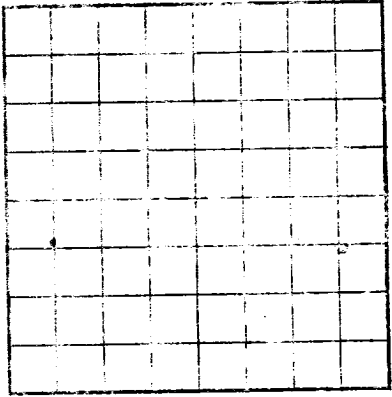
16-43094-2

FORMATION RECORD—Continued

U. S. LAND OFFICE
Bureau of Reclamation
Washington, D. C.
Please see Permit to Prospect

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



Company _____
Lessor or Tract _____
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 _____

OIL OR GAS SANDS OR ZONES
No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____
No. 4 from _____ to _____
No. 5 from _____ to _____
No. 6 from _____ to _____
No. 7 from _____ to _____
No. 8 from _____ to _____
No. 9 from _____ to _____
No. 10 from _____ to _____

CASING RECORD

Casing	Size	Weight	Threads	Wells	Amount	Kind of pipe	Cut and pulled from	Perforated	Purpose

MUDDING AND CEMENTING RECORD

Casing	Size	Weight	Threads	Wells	Amount	Kind of pipe	Cut and pulled from	Perforated	Purpose

SHOOTING RECORD

Size	Explosive used	Quantity	Date	Depth shot	Depth cleared out

TOOLS USED
Cable tools were used from _____ feet to _____ feet and from _____ feet to _____ feet.
Rotary 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; _____ was water; and _____ was sediment.
It gas well out for 24 hours _____ gallons gasoline per 1,000 cu. ft. of gas.
Rock pressure, lbs. per sq. in. _____
Gravity, _____
Put to producing _____, 19____.

EMPLOYEES
Driller _____
Driller _____
Driller _____

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	100	100	Red beds
100	200	200	Shale
200	300	300	Shale
300	400	400	Shale
400	500	500	Shale
500	600	600	Shale
600	700	700	Shale
700	800	800	Shale
800	900	900	Shale
900	1000	1000	Shale
1000	1100	1100	Shale
1100	1200	1200	Shale
1200	1300	1300	Shale
1300	1400	1400	Shale
1400	1500	1500	Shale
1500	1600	1600	Shale
1600	1700	1700	Shale
1700	1800	1800	Shale
1800	1900	1900	Shale
1900	2000	2000	Shale
2000	2100	2100	Shale
2100	2200	2200	Shale
2200	2300	2300	Shale
2300	2400	2400	Shale
2400	2500	2500	Shale
2500	2600	2600	Shale
2600	2700	2700	Shale
2700	2800	2800	Shale
2800	2900	2900	Shale
2900	3000	3000	Shale
3000	3100	3100	Shale
3100	3200	3200	Shale
3200	3300	3300	Shale
3300	3400	3400	Shale
3400	3500	3500	Shale
3500	3600	3600	Shale
3600	3700	3700	Shale
3700	3800	3800	Shale
3800	3900	3900	Shale
3900	4000	4000	Shale
4000	4100	4100	Shale
4100	4200	4200	Shale
4200	4300	4300	Shale
4300	4400	4400	Shale
4400	4500	4500	Shale
4500	4600	4600	Shale
4600	4700	4700	Shale
4700	4800	4800	Shale
4800	4900	4900	Shale
4900	5000	5000	Shale
5000	5100	5100	Shale
5100	5200	5200	Shale
5200	5300	5300	Shale
5300	5400	5400	Shale
5400	5500	5500	Shale
5500	5600	5600	Shale
5600	5700	5700	Shale
5700	5800	5800	Shale
5800	5900	5900	Shale
5900	6000	6000	Shale
6000	6100	6100	Shale
6100	6200	6200	Shale
6200	6300	6300	Shale
6300	6400	6400	Shale
6400	6500	6500	Shale
6500	6600	6600	Shale
6600	6700	6700	Shale
6700	6800	6800	Shale
6800	6900	6900	Shale
6900	7000	7000	Shale
7000	7100	7100	Shale
7100	7200	7200	Shale
7200	7300	7300	Shale
7300	7400	7400	Shale
7400	7500	7500	Shale
7500	7600	7600	Shale
7600	7700	7700	Shale
7700	7800	7800	Shale
7800	7900	7900	Shale
7900	8000	8000	Shale
8000	8100	8100	Shale
8100	8200	8200	Shale
8200	8300	8300	Shale
8300	8400	8400	Shale
8400	8500	8500	Shale
8500	8600	8600	Shale
8600	8700	8700	Shale
8700	8800	8800	Shale
8800	8900	8900	Shale
8900	9000	9000	Shale
9000	9100	9100	Shale
9100	9200	9200	Shale
9200	9300	9300	Shale
9300	9400	9400	Shale
9400	9500	9500	Shale
9500	9600	9600	Shale
9600	9700	9700	Shale
9700	9800	9800	Shale
9800	9900	9900	Shale
9900	10000	10000	Shale