

AREA 840 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE.

Nelson-Moore Development Company Fee #1
(Company or Operator) (Lease)

Well No. 1, in SW 1/4 of SE 1/4, of Sec. 33, T. 30N, R. 29E, NMPM.
Des Moines Pool, Union County.

Well is 170 feet from South line and 2 470 feet from East line
of Section 33. If State Land the Oil and Gas Lease No. is _____

Drilling Commenced July 25, 1951 Drilling was Completed May 31, 1952

Name of Drilling Contractor Nelson-Moore Development Co.

Address Box 407, Colorado Springs, Colo.

Elevation above sea level at Top of Tubing Head 6710 The information given is to be kept confidential until _____, 19____.

OIL SANDS OR ZONES

No. 1, from <u>1135</u> to <u>Gas show</u>	No. 4, from <u>1610</u> to <u>1615</u>
No. 2, from <u>1435</u> to <u>1490</u>	No. 5, from <u>1665</u> to <u>1675</u>
No. 3, from <u>1518</u> to <u>1521</u>	No. 6, from <u>2255</u> to <u>2265</u>
	<u>2375</u> to <u>2401</u>
	<u>2519</u> to <u>2525</u>
	<u>2597</u> to <u>2605</u> —big increase
	<u>2634</u> to <u>2639</u> — " "

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from <u>855</u> to <u>865</u>	feet.
No. 2, from <u>1701</u> to <u>1705</u>	feet.
No. 3, from <u>1880</u> to <u>1893</u>	feet.
No. 4, from _____ to _____	feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
16"		New	25'	none			Surface
10	36#	Used	974	reg.			
8 5/8	32	Used	1944	reg.			
5 1/2	17	Used	2585	reg.	1500 to surface		

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
6"	5 1/2"	2585'	150	Halliburton		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

None shot sand at 2632 to 2638 with 10 shots - Lane Wells.

Shot with 30 qts. Glyc. - tamped shot in with 35 ft. rock.

Result of Production Stimulation 488 mcf CO₂ in 24 hrs.S.I.P. 210 psi - 18 hrs. T.D. 2685

Depth Cleaned Out _____

Submitted 1/14/55 by W.D. Moore

1961

1961-1962
From January 1961
to July 1961
1961-1962
1961-1962
1961-1962

OIL CONSERVATION COMMISSION

P. O. BOX 871

SAN FÉ, NEW MEXICO

July 6, 1954

Mr. Robert S. Skinner
c/o Robertson & Skinner, Attorneys
Raton, New Mexico

Re: Gruemmer Indian
Carbonic, Ltd.
Des Moines Field Operations
UNION COUNTY

Dear Sir:

I have your letter of July 1, with accompanying Forms C-102 and C-105 on the #1 Gruemmer well and Form C-102 on the #1 Nelson-Moore Development Company well.

Concerning your inquiry of the Nelson-Moore well our records give the following report on deepening as submitted by Mr. L. E. Nelson on June 23, 1952: "The work was done during the period September 1951 - May 23, 1952. Operations were resumed after a hearing by the New Mexico Oil Conservation Commission approved the unorthodox location. Seated 1000' to 10 1/2" 32# casing for good water shut-off; seated 2000' of 8 5/8" 24# casing for good water shut-off; cemented 5 1/2" 17# casing at 2600' with 150 sacks and Halliburton cementing truck; drilled to total depth of 2698' into granite; recovered 2243' of 5 1/2" leaving 357' cemented on bottom; 5 1/2" string on bottom bullet perforated by Lane-wells. Shell Oil Company tested well which made 480,000 cu. ft. CO₂/24 hours. Shut in pressure was 155 p.s.i., same building up to 209 p.s.i. Well presently shut-in pending further development of field and market facilities".

You can see that this does not reflect the condition of the well as revealed by the recent work-over operations. Whether the well was "sabotaged" before or after Mr. Nelson's report to us is anybody's guess. I was by the plant after visiting you last week and became aware of the junk that they had retrieved, i.e. one baler and sundry pieces of broken drilling line.

A complete report on work done and results obtained shall be forthcoming and may be filed on our Form C-103. Needless to say the proposed cementing job on the Gruemmer well is incomplete as no mention of amount of cement to be used is included. Nonetheless enough cement shall be needed so as to fill the annulus from the bottom of the casing to the shallowest important water zone, as listed in Form C-105 at 333'. This is to prevent intercommunication between the different water zones exposed to the well bore. I refer you to Rule 107, (a), in our Rules and Regulations.

Please find enclosed your approved copies of Form C-102 on the two wells, with exceptions annotated.

Yours very truly,

EAC

EUGENE A. CHAVEZ,
Oil and Gas Inspector - District #4