

Case No. 4563

Exhibit No. I

DOUBLE "L" STRUCTURE - RESERVOIR MAP

Datum: Top Queen Sand Pay

C.I.: 20 Feet

- Proposed Production Well
- ★ Proposed Injection Well

- Gas-Oil Contact
- Gas In Queen
- Oil in Queen
- Tight Queen

William J. LeMay - Geologist

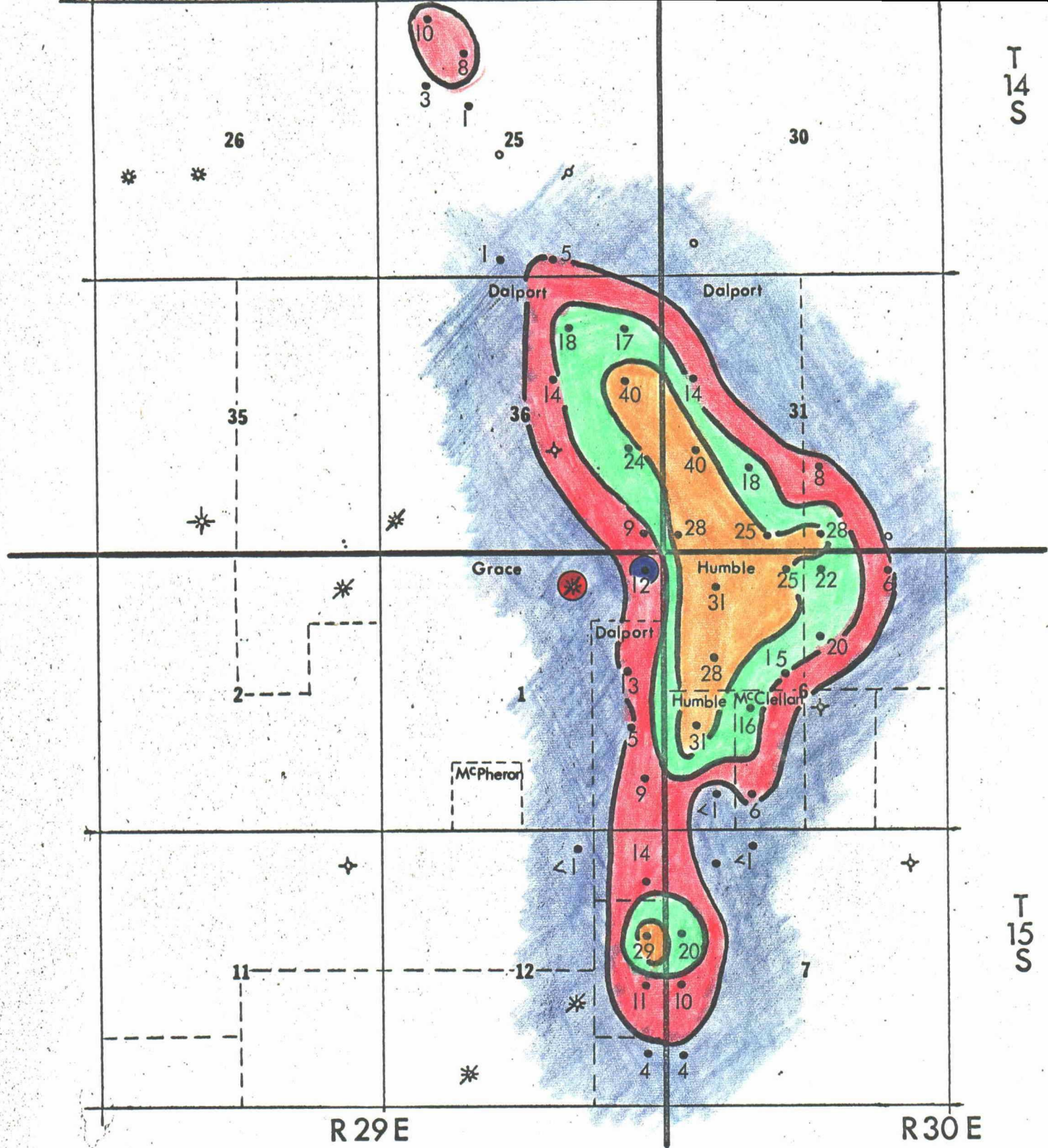
BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION

EXHIBIT NO. 1

CASE NO. 4563

Submitted by CORINNE GRACE

Hearing Date 3-1-72



Case No. 4563

Exhibit No. 2

DOUBLE "L" ISO-PRODUCTION MAP

- 10 Production in thousands of bbls of oil to 6-1-71
- Less than 5,000 bbls of oil - Cumulative Production to 6-1-71
 - 5,00 to 15,000 bbls of oil - Cumulative Production to 6-1-71
 - 15,000 to 25,000 bbls of oil - Cumulative Production to 6-1-71
 - Over 25,000 bbls of oil - Cumulative Production to 6-1-71

- Proposed Injection Well
- Proposed Production Well

William J. LeMay - Geologist

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION

EXHIBIT NO. 2

CASE NO. 4563

Submitted by CORINNE GRACE.

Hearing Date 3-1-72

WELL	Grace No 1 State	Sec. 1, T-15-S, R-29-E		
UNIT NO.	A			
FIELD	Double "L"			
COM. PROD.				
YEAR				
MONTH	BBLS OIL	BBLS WATER	MCF GAS	GOR
1970 JANUARY	2306	none	10271	4454
" FEBRUARY	964	"	4267	4426
" MARCH	1211	"	5394	4454
" APRIL	1017	"	4530	4454
" MAY	1057	"	4708	4454
" JUNE	909	"	4049	4454
" JULY	944	"	4206	4455
" AUGUST	942	"	4196	4454
" SEPTEMBER	851	"	33112	38909
OCTOBER				6000
NOVEMBER				
1969 DECEMBER	1770	"	1115	630
JANUARY				
TOTAL				

61 171
9.5
Total 48 1/2 ft
GOR 8107
10.43

Case No. 4563

Exhibit No. 3

PRODUCTION HISTORY
ON THE GRACE NO. 1 STATE

PRODUCTION - CERTAIN WELLS - DOUBLE "L" FIELD 1971

	<u>Jan.</u>	<u>Feb.</u>	<u>Mar.</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Oct.</u>	<u>Nov.</u>	<u>Dec.</u>	<u>Total-1971</u>
FOR Co. Lusk No. 1 Sec. 6													
2	2178	1897	2136	1866	2213	1714	1841	1924	757	832	513	775	18646
3	2284	2000	2252	1967	2333	1807	1956	2044	1747	1921	1889	1798	23998
4	2357	2051	2079	1815	1795	1390	1726	1803	1455	1600	1368	1302	20741
	825	718	808	840	837	649	460	481	466	512	432	496	7524
Dalport(McPherin)													
1	797	796	732	821	586	623	626	531	399	256	189	496	6849
2	266	265	244	273	195	207	208	177	133	90	67	186	2311
3	1889	1885	1736	1940	1389	1469	1484	2170	945	1157	856	2232	19152
Spurck State	260	211	194	168	129	79	146	113	133	145	102	310	1990
5	-	-	-	-	-	-	-	-	-	-	-	-	-
8	130	106	97	84	65	39	182	85	26	-	-	-	1614

BEFORE EXAMINER UTZ

OIL CONSERVATION COMMISSION

EXHIBIT NO. 8

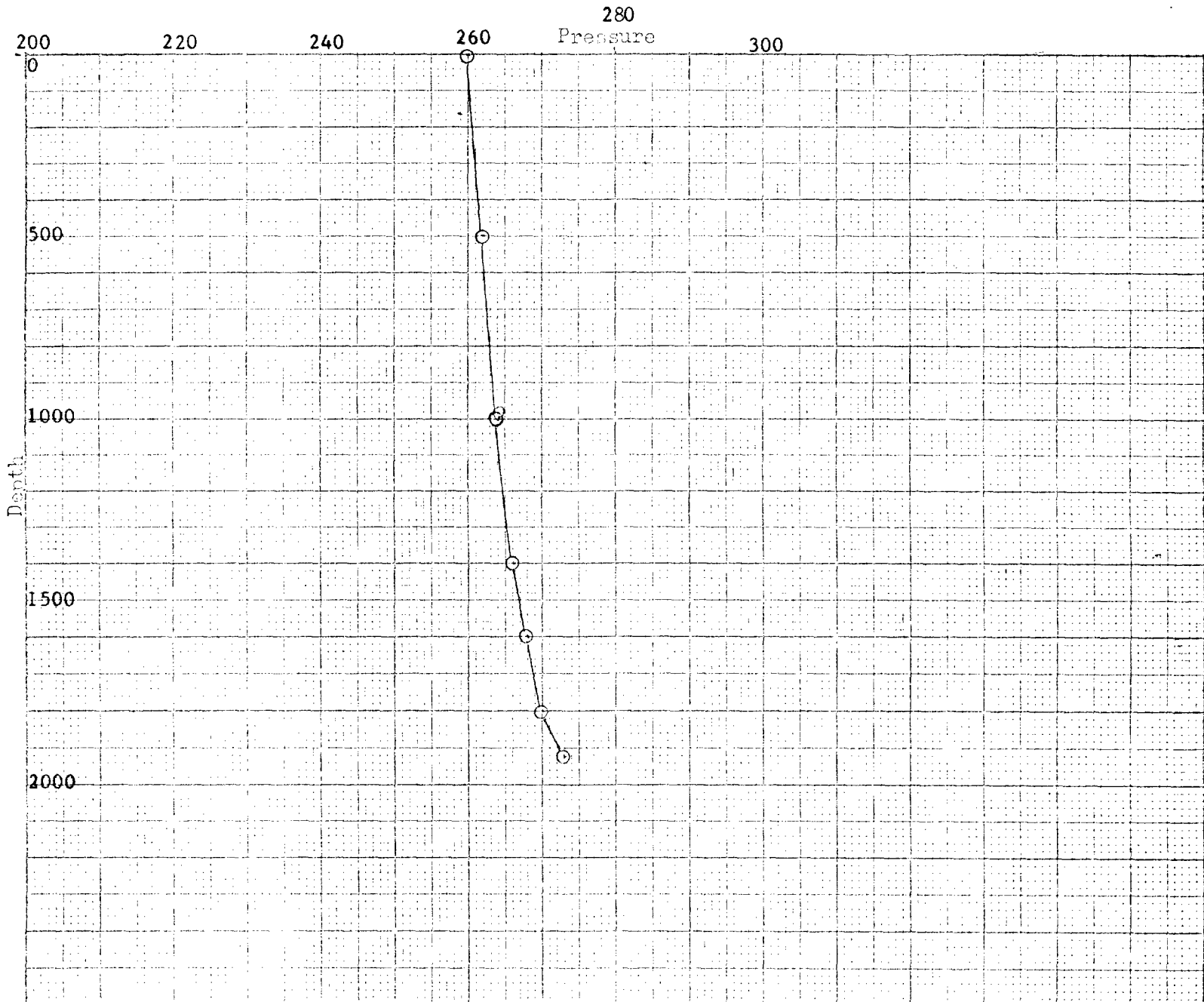
CASE NO. 4563

Submitted by Corinne Grace

Hearing Date 5-1-72

BOTTOM HOLE PRESSURE SURVEY REPORT

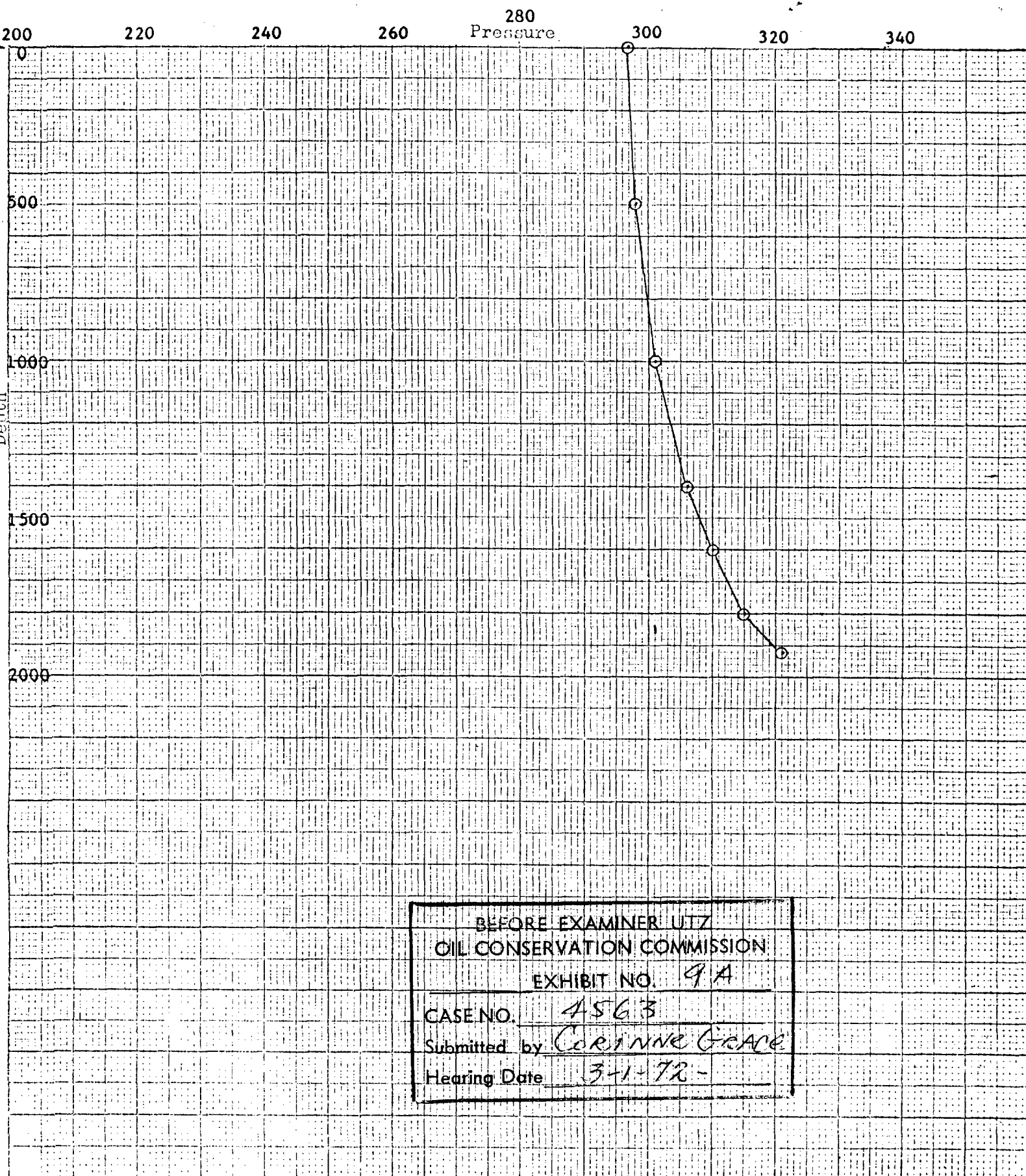
		Depth	Pressure	Gradient
Operator	Corinne Grace	0	260	
Lease	State	500	262	.004
Well No	1	1000	264	.004
Field	Double L Queen	1400	266	.005
Date	February 22, 1972	1600	268	.010
Status	Shut In	1800	270	.010
Time S. I.	Unknown	1925	273	.024
Cas. Pres.	-			
Tub. Pres.	260			
Elev.	3851 DF			
Temp.				
Clock No.				
Element No.				
	Time	Test Depth	Last Test Date	BHP Last Test
		1925	Initial	
				BHP Change
				Fluid Top
				Run By
				Ralph E. Erwin
				Gauge No.



BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
EXHIBIT NO. 9
CASE NO. 4563
Submitted by: CORINNE GRACE
Hearing Date: 3-1-72

BOTTOM HOLE PRESSURE SURVEY REPORT

Operator	Corinne Grace	Depth	0	Pressure	297	Gradient	
Lease	State		500		298		.002
Well No	2		1000		301		.006
Field	Double L Queen		1400		306		.013
Date	February 22, 1972	Time	1600		310		.020
Status	Shut In	Test Depth	1800		315		.025
Time S. I.	Unknown	Last Test Date	1925		321		.048
Cas. Pres.	-	BHP Last Test					
Tub. Pres.	297	BHP Change					
Elev.	3862 DF	Fluid Top					
Temp.		Run By	Ralph E. Erwin				
Clock No.		Gauge No.					
Element No.							



EXHIBITS:

- 1) Land Plat (Exhibit "A")
- 2) Surface Geology Map (D.W.Boyd)
- 3) Photogeologic Map

EXHIBIT #7



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON, D.C. 20242

RECEIVED
JUL 21 1970

HINKLE, BONDURANT, COX & EATON
MIDLAND, TEXAS

Hinkle, Bondurant, Cox, and Eaton
521 Midland Tower
Midland, Texas 79701

JUL 15 1970

Attention: Mr. Conrad E. Coffield

Gentlemen:

Your application of June 23 filed with the Acting Oil and Gas Supervisor, Roswell, New Mexico, on June 25, 1970, in behalf of King Resources Company, requests the designation of the Brokeoff Mountain unit area embracing 37,747.66 acres, more or less, Otero County, New Mexico, as logically subject to exploration and development under the unitization provisions of the Mineral Leasing Act as amended.

Pursuant to unit plan regulations of December 20, 1950, 30 CFR 226.3 (1968 reprint), the land requested as outlined on your plat marked "Exhibit A, Brokeoff Mountain Unit, Otero County, New Mexico," is hereby designated as a logical unit area.

The unit agreement submitted for the area designated should provide for the drilling of the initial exploratory well to test the Bliss formation of Ordovician and Cambrian age or to a depth of 7,000 feet. As proposed by your application, the Form of Agreement for Unproved Areas (1968 reprint) should be used modified by the appropriate language required for State of New Mexico lands.

In the absence of any other type of land requiring special provisions or any objections not now apparent, a duly executed agreement identical to the 1968 reprint modified only as outlined above and approved by the appropriate officials of the State of New Mexico, will be approved if submitted in approvable status within a reasonable period of time. However, the right is reserved to deny approval of any executed agreement which, in our opinion, does not have full commitment of sufficient lands to afford effective control of operations in the unit area.

When the executed agreement is transmitted to the Supervisor for approval, include the latest status of all acreage. The format of the sample exhibits attached to the 1968 reprint of the standard form should be followed closely in the preparation of exhibits A and B.

Since the unit area contains State of New Mexico lands, we are sending a copy of this letter to the State Land Commissioner in Santa Fe. Please contact the State of New Mexico before soliciting joinders, regardless of prior contacts with or clearances from the State.

Sincerely yours,

A handwritten signature in cursive script, appearing to read "W. A. Rullman".

Acting Director