

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO

22 May 1985

EXAMINER HEARING

IN THE MATTER OF:

Application of HCW Exploration, Inc. CASE
for compulsory pooling and a non- 8604
standard gas proration unit, Lea
County, New Mexico.

BEFORE: Michael E. Stogner, Examiner

TRANSCRIPT OF HEARING

A P P E A R A N C E S

For the Oil Conservation	Jeff Taylor
Division:	Attorney at Law
	Legal Counsel to the Division
	State Land Office Bldg.
	Santa Fe, New Mexico 87501

For the Applicant:

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MR. STOGNER: Call next Case
8604.

MR. TAYLOR: Application of HCW
Exploration, Inc., for compulsory pooling and a nonstandard
gas proration unit, Lea County.

Applicant has requested this
case be continued.

MR. STOGNER: Case Number 8604
will be continued to the Examiner's Hearing scheduled for
June 5th, 1985.

MR. KELLAHIN: Mr. Examiner, I
believe that HCW Exploration case was to be consolidated
with one of Mr. Hartman's cases, and both of those cases are
set for Commission hearing in July.

MR. STOGNER: Thank you, Mr.
Kellahin.

An examiner -- the Commission
hearing has not been scheduled as of yet for July and
hopefully a date will be set by the time this application is
recalled on June 5th, 1985.

(Hearing concluded.)

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C E R T I F I C A T E

I, SALLY W. BOYD, C.S.R., DO HEREBY
CERTIFY that the foregoing Transcript of Hearing before the
Oil Conservation Division was reported by me; that the said
transcript is a full, true, and correct record of the
hearing, prepared by me to the best of my ability.

Sally W. Boyd CSR

I do hereby certify that the foregoing is
a complete and true transcript of the proceedings in
the case bearing of C. O. No. 8604.
heard by me on 22 May 1985.
Michael S. Rogers Examiner
Oil Conservation Division

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO

5 June 1985

EXAMINER HEARING

IN THE MATTER OF:

Application of HCW Exploration, Inc.	CASE
for compulsory pooling and a non-	8604
standard gas proration unit, Lea	
County, New Mexico.	

BEFORE: Gilbert P. Quintana Examiner

TRANSCRIPT OF HEARING

A P P E A R A N C E S

For the Oil Conservation	Jeff Taylor
Division:	Attorney at Law
	Legal Counsel to the Division
	State Land Office Bldg.
	Santa Fe, New Mexico 87501

For the Applicant:

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MR. QUINTANA: We'll call next
Case 8604.

MS. LUNDERMAN: Application of
HCW Exploration, Inc. for compulsory pooling and a
nonstandard gas proration unit, Lea County, New Mexico.

Mr. Hearing Examiner, this case
will be continued -- or a motion has been made to continue
the case until a Commission Hearing July 10th.

MR. QUINTANA: Case 8604 will
be so continued to a Commission Hearing on July 10th, 1985.

(Hearing concluded.)

C E R T I F I C A T E

I, SALLY W. BOYD, C.S.R., DO HEREBY CERTIFY
that the foregoing Transcript of Hearing before the Oil Con-
servation Division was reported by me; that the said tran-
script is a full, true, and correct record of the hearing,
prepared by me to the best of my ability.

Sally W. Boyd CSR

I do hereby certify that the foregoing is
a complete and correct transcript of the proceedings in
the Examination of Case No. 8604
heard by me on June 5, 1985.
Gilbert P. Quintana, Examiner
Oil Conservation Division

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO

10 July 1985

COMMISSION HEARING

IN THE MATTER OF:

Application of HCW Exploration, Inc. CASE
for compulsory pooling and a non- 8604
standard proration unit, Lea County,
New Mexico.

BEFORE: Richard L. Stamets, Chairman
Ed Kelley, Commissioner

TRANSCRIPT OF HEARING

A P P E A R A N C E S

For the OCD: Jeff Taylor
Attorney at Law
Legal Counsel to the Division
Oil Conservation Division
State Land Office Bldg.
Santa Fe, New Mexico 87501

For the Applicant: Karen Aubrey
Attorney at Law
KELLAHIN & KELLAHIN
P. O. Box 2265
Santa Fe, New Mexico 87501

1
2 MR. STAMETS: Call next Case
3 8604, application of HCW Exploration, Inc., for compulsory
4 pooling and a nonstandard gas proration unit, Lea County,
5 New Mexico.

6 Ms. Aubrey?

7 MS. AUBREY: Mr. Stamets, Karen
8 Aubrey, Kellahin and Kellahin, appearing for HCW Explora-
9 tion.

10 We would request that this case
11 and the succeeding two cases be continued to the Examiner
12 Hearing on the 18th of September, 1985.

13 MR. CARR: May it please the
14 Commission, I am William F. Carr with the Campbell Law Firm.

15 We represent Doyle Hartman in
16 the following two cases and we concur with the request of
17 Ms. Aubrey.

18 MR. STAMETS: Let me call those
19 two cases and then we'll continue all three to the September
20 18th Examiner Hearing.

21 Case 8605 is the application of
22 Doyle Hartman to rescind Division Order R-3690, Lea County,
23 New Mexico.

24 Case 8594 is application of
25 Doyle Hartman for a compulsory pooling, a nonstandard prora-
tion unit, and unorthodox location, Lea County, New Mexico.

C E R T I F I C A T E

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Oil Conservation Division was reported by me; that the said
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hearing, prepared by me to the best of my ability.

Sally W. Boyd CSR

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
State Land Office Building
Santa Fe, New Mexico

18 September 1985

COMMISSION HEARING

IN THE MATTER OF:

Application of HCW Exploration,
Inc., for compulsory pooling and
a nonstandard gas proration unit,
Lea County, New Mexico.

CASE
8604

BEFORE: Richard L. Stamets, Chairman
Ed Kelley, Commissioner

TRANSCRIPT OF HEARING

A P P E A R A N C E S

For the Oil Conservation
Division:

Jeff Taylor
Legal Counsel to the Division
Oil Conservation Division
State Land Office Bldg.
Santa Fe, New Mexico 87501

For the Applicant:

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MR. STAMETS: Call next Case
8604.

MR. TAYLOR: The application of
HCW Exploration, Inc., for compulsory pooling and a
nonstandard gas proration unit, Lea County, New Mexico.

Applicant has requested that
this case be continued.

MR. STAMETS: Is that to the
October 17th hearing?

It will be so continued.

(Hearing concluded.)

C E R T I F I C A T E

I, SALLY W. BOYD, C.S.R., DO HEREBY
CERTIFY that the foregoing Transcript of Hearing before the
Oil Conservation Division (Commission) was reported by me;
that the said transcript is a full, true, and correct record
of the hearing, prepared by me to the best of my ability.

Sally W. Boyd CSR

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO

17 October 1985

COMMISSION HEARING

IN THE MATTER OF:

Application of HCW Exploration, Inc. CASE
for compulsory pooling and a non- 8604
standard gas proration unit, Lea
County, New Mexico.

BEFORE: Richard L. Stamets, Chairman
Ed Kelley, Commissioner

TRANSCRIPT OF HEARING

A P P E A R A N C E S

For the Oil Conservation Jeff Taylor
Division: Legal Counsel to the Division
Oil Conservation Division
State Land Office Bldg.
Santa Fe, New Mexico 87501

For the Applicant: W. Thomas Kellahin
Attorney at Law
KELLAHIN & KELLAHIN
P. O. Box 2265
Santa Fe, New Mexico 87501

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I N D E X

DAVID T. SITES

Direct Examination by Mr. Kellahin	3
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E X H I B I T S

HCW Exhibit One, Production Map	4
HCW Exhibit Two, Structure Map	7
HCW Exhibit Three, Correspondence	10
HCW Exhibit Four, Operating Agreement	14

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2 MR. STAMETS: We'll call next
3 Case Number 8604.

4 MR. TAYLOR: Application of
5 HCW Exploration, Incorporated, for compulsory pooling and a
6 nonstandard gas proration unit, Lea County, New Mexico.

7 MR. KELLAHIN: If the Examiner
8 please, if the Commission please, I'm Tom Kellahin appearing
9 on behalf of the applicant, and I have one witness to be
10 sworn.

11 (Witness sworn.)

12 DAVID T. SITES,
13 being called as a witness and being duly sworn upon his
14 oath, testified as follows, to-wit:

15
16 DIRECT EXAMINATION

17 BY MR. KELLAHIN:

18 Q Mr. Sites, for the record would you
19 please state your name and occupation?

20 A David T. Sites. I'm a production geolo-
21 gist.

22 Q Mr. Sites, have you previously testified
23 before the Oil Conservation Division of New Mexico as a pet-
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1. The first part of the report

2. The second part of the report

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21. The nineteenth part of the report

roleum geologist?

A Yes, I have.

Q Would you describe to the Commission when and where you obtained your degree in geology?

A I was -- I have a Bachelor's degree in geology from the University of Texas in the Permian Basin; received it in 1980.

Q Subsequent to your graduation have you been involved in geology in Lea County, New Mexico?

Q Yes.

Q And have you made a study of the geology surrounding this application by your company, HCW?

A Yes, I have.

MR. KELLAHIN: We tender Mr. Sites as an expert petroleum geologist.

MR. STAMETS: He is considered qualified.

Q Mr. Sites, let me commence my questions to you by showing you what is marked as Exhibit Number One. It is a production data map. Would you first of all identify for us the proposed 160-acre nonstandard proration unit for the subject well?

A Yes, it will be -- the 160-acre proration will be made up of the southeast quarter of Section 27, Township 23 South, Range 36 East.

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Entered as Second-Class Matter, May 26, 1912.

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Acceptance for mailing at special rate of postage provided for in Act of October 3, 1917.

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Volume 52, No. 19

Published by the American Medical Association

Subscription price, Five Dollars per Annum in Advance. Single Copies, Fifteen Cents.

Entered as Second-Class Matter, May 26, 1912.

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2 The proposed location is -- of the George
3 Etz No. 6 is signified by the red dot 660 from the south,
4 660 from the east line.

5 Q And what is the formation to which you'll
6 drill this well and hopefully obtain production?

7 A The base -- the well will be TD'ed in the
8 Seven Rivers formation.

9 Q What, in your opinion is the most likely
10 formation for which you will obtain production?

11 A Yates and Seven Rivers.

12 Q Would you identify for the Commission the
13 other wells that are located in the southeast quarter of the
14 section?

15 A Okay. There's not -- there's two wells.
16 There's the Skelly Com Best No. 1, which was drilled in
17 1936. There's no data on that well, but it was drilled down
18 into the Langlie Mattix and was plugged and abandoned.

19 The George Etz No. 4 is located in the
20 southeast quarter. It was completed as a Jalmat Gas well.
21 The last production was in 1979 and the well was plugged and
22 abandoned in 1984.

23 Q In addition to seeking approval of a non-
24 standard proration unit, Mr. Sites, are you also seeking to
25 pool through a compulsory pooling order, certain working in-
terest owners in this proration unit?

THE JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION

535 N. Dearborn St., Chicago 10, Ill. Telephone: AB 5-2121

Subscription price, \$5.00 per annum

Entered as second-class matter, May 2, 1917, Post Office at Chicago, Ill., under No. 384,391

Acceptance for mailing at special rate of postage provided for in Act of October 3, 1917

Postage paid at Chicago, Ill., and at additional mailing offices

Copyright, 1935, by American Medical Association

Printed at the American Medical Association, 535 N. Dearborn St., Chicago 10, Ill.

Published by the American Medical Association, 535 N. Dearborn St., Chicago 10, Ill.

Editorial and business correspondence

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Subscription orders, notices of change of address, notices of discontinuance

should be addressed to the Business Manager

Second-class postage paid at Chicago, Ill., and at additional mailing offices

Postmaster: This publication is entered as second-class matter, May 2, 1917, Post Office at Chicago, Ill., under No. 384,391

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A That is correct.

Q Can you identify for the Commission the individuals or companies to which you seek to apply a forced pooling order?

A Doyle Hartman and Barton Brothers Royalty.

Q Can you approximate for us, Mr. Sites, what percentage of the working interest ownership in the 160 acres is controlled by HCW or has agreed to participate with HCW in the drilling of the well?

A Approximately 90 percent.

Q And the balance of that interest, approximately 10 percent, would relate to the Barton/Doyle Hartman interest?

A Correct.

Q All right. Would you describe for the Commission what has been the producing capacities of the other relative wells in the area so that you may determine for us what, in your opinion, is the risk that ought to be applied to this well in the forced pooling application?

A Our proposed location is offset in all directions by four Jalmat gas wells. The George Etz No. 4 in the southeast quarter of 27 had a cumulative production of 17.1 billion cubic feet.

The Conoco Stevens "A" No. 2, which is

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is essential for ensuring transparency and accountability in the organization's operations.

2. The second part outlines the specific procedures and protocols that must be followed when recording transactions. This includes details on how data should be collected, stored, and reviewed to ensure its integrity and reliability.

3. The third part addresses the role of technology in streamlining the record-keeping process. It highlights the benefits of using specialized software and digital tools to reduce manual errors and improve efficiency.

4. The fourth part discusses the importance of regular audits and reviews to verify the accuracy of the records. It stresses that these checks are necessary to identify any discrepancies or potential areas of improvement.

5. The fifth part provides guidance on how to handle sensitive information and ensure its confidentiality. It outlines the necessary safeguards and access controls to protect data from unauthorized disclosure.

6. The sixth part covers the legal and regulatory requirements that govern record-keeping practices. It ensures that the organization remains compliant with all applicable laws and standards.

7. The seventh part discusses the importance of training and education for staff involved in the record-keeping process. It emphasizes that ongoing learning is crucial for maintaining high standards of accuracy and security.

8. The eighth part provides a summary of the key points discussed throughout the document. It reiterates the commitment to maintaining accurate and reliable records as a cornerstone of the organization's success.

9. The final part includes a list of references and resources for further information. It directs readers to relevant legislation, industry best practices, and internal policies that guide the record-keeping process.

located in the northeast quarter of Section 34, had a cumulative production of 5.7 billion cubic feet.

The ARCO Com Best in the northwest quarter of Section 35, has cumulative totals of 844 million cubic feet.

In Section 26 our proposed location is offset by the Conoco Linn "B" which is No. 4, which has produced 3.2 billion cubic feet.

The northwest quarter of Section 36, there's a Jalmat gas well, the Conoco Linn "B" No. 3, which has produced 5.3 billion cubic feet.

Current production rates in the area certainly have an impact upon the economics of this well. Currently the southwest offset, the Conoco Stevens "A" is currently making approximately 100 MCF per month.

The ARCO Com Best No. 4, it's currently making about 5 million cubic feet per month.

The Conoco Linn "B" No. 4 in the southwest quarter of Section 26 is currently making 2-to-300 MCF per month, and of course, the George Etz No. 4 is plugged and abandoned.

Q Would you now turn to Exhibit Number Two, Mr. Sites, which is your structure map on top of the Yates?

A Correct.

Q All right, sir, would you identify that

exhibit?

A That's a structure map contoured on the top of the Yates. The contour interval is 50 feet. It shows the structure as it exists over the south half in the Yates formation.

The George -- it also shows the proposed location of George Etz No. 6 approximately flat to the George Etz No. 4, at a subsea depth of +292 feet.

Q What, if any, structural significance is there to you as a geologist in assessing the risk to be applied against the nonconsenting owners in the forced pooling case?

A I would say that the structural advantage doesn't play a great role in it. The higher -- the more reserves produced out of the southeast quarter by the George Etz No. 4 is -- increases the risk of drilling a marginal or uneconomic well in the same southeast quarter.

Q In looking at the wells that offset your proposed location, approximately how long have those wells been in existence as producers?

A They've been producing since the 1940's and fifties; late forties and fifties.

The ARCO Com Best, I do not know what it -- how long it's been on but it is a fairly -- it's less old than both the Conoco Linn "B" and the Conoco Stevens "A"

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1
2 or the George Etz No. 4.

3 The George Etz No. 4 was completed in
4 1949.

5 Q The Commission is authorized by statute
6 to impose a risk factor penalty not in excess of 200 percent
7 to apply for the risk involved in drilling this type of
8 well.

9 Do you have a recommendation to the Com-
10 mission as to what that percentage risk ought to be in terms
11 of writing this order?

12 A I would recommend 200 percent.

13 Q Can you describe for us the reasons upon
14 which you base that opinion?

15 A If one would draw -- take the northeast
16 quarter of 34, the southeast quarter of 27, the southwest
17 quarter of 26, and the northwest quarter of 35, those four
18 wells through that area have produced a cumulative total of
19 16.8 billion cubic feet of gas.

20 The risk, we feel, due to the presence of
21 that George Etz No. 4, which has produced by far the great-
22 est production of 7.1 billion cubic feet, and the fact that
23 we're drilling 660 from the south, 660 from the east and ap-
24 proximately 1046 feet from the 4, increases the risk of hav-
25 ing a marginal well and -- or an noneconomic well.

Q Let me direct your attention now, Mr.

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2 Sites, to what is marked as Exhibit Number Three, which is a
3 packet of correspondence.

4 Mr. Sites, have you or other representa-
5 tives of your company made an effort to form a voluntary
6 unit composed of all the working interest owners in the 160-
7 acre unit?

8 A Yes.

9 Q Would you describe for us without reading
10 the correspondence in detail, but describe for us generally
11 what has occurred in efforts on behalf of your company to
12 form a voluntary unit?

13 A We, after we received a letter from Mr.
14 Hartman saying that he acquired the leases and he had inten-
15 tions of drilling, our first thoughts on the matter, since
16 HCW operates two wells in the southwest quarter and then we
17 felt like -- we also had a well staked in the southwest
18 quarter, the George Etz No. 5 to be drilled as a Langlie
19 Mattix well, we felt the best course of action would be to
20 call a working interest owners meeting, find out what Mr.
21 Hartman planned on doing in the southwest -- southeast quar-
22 ter, and proceed about developing this south half in an or-
23 derly fashion.

24 So we directed a letter to him, the pres-
25 ident of our organization, Mr. James C. Brown, on April
15th, announcing that we would hold a working interest own-

Figure 1 consists of two line graphs. The left graph shows the growth rate (log CFU/h) of three *E. coli* strains (1, 2, and 3) as a function of temperature (°C). The right graph shows the growth rate (log CFU/h) of three *E. coli* strains (4, 5, and 6) as a function of temperature (°C). Both graphs show a peak in growth rate around 37°C.

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

1. The following information was obtained from the above mentioned source:

THE UNIVERSITY OF CHICAGO

ers and our meeting in our offices on April 23rd, 1985, and invited him to attend.

We invited all working interest owners in the south half to attend. This, they all -- all working interest owners were present with the exception of Mr. Hartman and in that meeting it was decided that the working interest owners would like HCW to drill a well in the southeast quarter as the George Etz No. 6.

So at that time I -- April 24th, I wrote a letter to Mr. Hartman explaining to him what was decided at that meeting and how we -- there was something on the order of 90 percent of the working interest present at the meeting, and relayed to him their desires for development of this south half.

At that time I invited him, I explained to him that we were going to drill the George Etz No. 6 at a legal location 660 from south, 660 from east, dedicate the southeast quarter of Section 27. I enclosed a copy of our AFE and I also, in this letter I offered to allow him to join with us or we would workout a farmout arrangement, an equitable farmout arrangement.

At that time I also sent out letters to various working interest owners telling them what I had done and at that time we filed a compulsory pooling request.

Q Let me turn to the April 25th letter

the first of the two main groups of the population.

The second group of the population is the one that is not in the first group.

The third group of the population is the one that is not in the first two groups.

The fourth group of the population is the one that is not in the first three groups.

The fifth group of the population is the one that is not in the first four groups.

The sixth group of the population is the one that is not in the first five groups.

1
2 that's later in the package and it's addressed to the Bargon
3 Brothers Land and Royalty Company. Do you have a copy of
4 that letter?

5 A Yes, I do.

6 Q What has been the efforts to obtain the
7 Barton Brothers voluntary participation in the well?

8 A I have, when I wrote those -- the Barton
9 Brothers this letter, explained to them that we were drill-
10 ing -- had intentions of drilling the George Etz No. 6, I
11 enclosed a copy of the AFE to them and they in turn sent a
12 letter back to me stating that they had joined Doyle Hartman
13 and had already signed an operating agreement, thanking me
14 for my AFE but they had already signed with Mr. Hartman.

15 Q Following the -- your letter to the Bar-
16 ton Brothers there is an AFE attached to Exhibit Number
17 Three. Is this the AFE that you've submitted to Mr. Hartman
18 and the other working intrest owners?

19 A Yes.

20 Q Is this an accurate and reasonable esti-
21 mate of well expenditures for the subject well, in your
22 opinion?

23 A Yes. What we did was use our R. W. Cow-
24 den C-9, which is a Jalmat gas well, and was drilled approx-
25 imately three years ago. We went back and saw what we --
HCW had spent on that well and how we had completed it, and

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DEPARTMENT OF THE HISTORY OF ARTS
AND ARCHITECTURE

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1
2 we -- we made the AFE estimate from that.

3 Q Is this the AFE that was submitted to the
4 other working interest owners?

5 A Yes, it was.

6 Q And is this the AFE that has been
7 approved by the other working interest owners with the
8 exception of Mr. Hartman and the Barton Brothers?

9 A That's correct.

10 Q Is this the AFE that you propose to
11 submit to Mr. Hartman again subsequent to the pooling order?

12 A Yes.

13 Q Have you obtained, Mr. Sites, waivers
14 from offsetting operators in the Jalmat for the proposed
15 nonstandard proration unit?

16 A Yes. I've sent out those and obtained
17 waivers from ARCO, Conoco, and El Paso Natural Gas, who are
18 the offset operators.

19 Q And are those appended to Exhibit Three
20 as the last three attachments to that exhibit?

21 A Yes.

22 Q Let me direct your attention at this
23 time, Mr. Sites, to Exhibit Number Four. Would you identify
24 Exhibit Number Four for us?

25 A It's an operating agreement, a model form
operating agreement, which will apply to -- we will submit

REPORT OF THE COMMISSION ON THE ORGANIZATION OF THE MEDICAL PROFESSION

Presented to the American Medical Association at its annual meeting, Chicago, Ill., May 1, 1919

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1
2 to Mr. Hartman and all the working interest owners in the
3 George Etz lease.

4 Q Attached to the operating agreement is a
5 COPAS schedule with some overhead rates in it. Would you
6 turn to those rates, please?

7 A Right.

8 Q Do you have a recommendation to the Exa-
9 miner as to the -- the Commission as to the overhead rates
10 that ought to be applied in this pooling order?

11 A Yes. Drilling rates will be \$250 per --
12 I mean \$2500 per month and a producing well rate of \$250 a
13 month.

14 Q How do these overhead rates compare to
15 similar wells in the area?

16 A They're -- I think they're in line with
17 all -- with other wells.

18 Q Are these the overhead rates that your
19 recommend to the Commission to adopt in this pooling order?

20 A Yes.

21 Q When do you propose to commence the well,
22 Mr. Sites?

23 A As soon as legally possible.

24 Q Were Exhibits One and Two, the geologic
25 exhibits, prepared by you or compiled under your direction
and supervision?

18

19 The Commission will be interested to know whether the Commission

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A Yes.

Q And was the correspondence, Exhibit Number Three, and the proposed operating agreement represent true and accurate copies of correspondence and documents from the files of HCW that are under your control and direction?

A That's correct.

MR. KELLAHIN: We move the introduction of Exhibits One through Four.

MR. STAMETS: These exhibits will be admitted.

MR. KELLAHIN: That concludes my examination of Mr. Sites.

MR. STAMETS: Any questions of the witness?

MR. TAYLOR: I didn't see here, did you give notice to -- I know, obviously Hartman knows about the hearing, but did you give notice of hearing?

A Yes, I did.

MR. TAYLOR: Is there a copy or something? Could you furnish us with a letter or something?

MR. KELLAHIN; Mr. Hartman's attorney was here and he was going to make a statement about this. Let me find out for you.

•

1. *Phragmites australis* (Cav.) Trin. ex Steud.

[illegible][illegible]

• 1997-1998: 10,300 ~ 7,000 (down 33%) (1997 ~ 1998) 30 people/1000 people ~ 80

100

[illegible]

1997-1998 6.000 1998-1999 6.200 1999-2000 6.400 2000-2001 6.600 2001-2002 6.800

• NOT LIMITED TO THE FOLLOWING:

[illegible]

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

Reference to BAPTIST CONFERENCE

[illegible]

SECRET

1. *Chrysomelids* (Coleoptera: Chrysomelidae) (100%)

[illegible]

10-10-68

There is no other evidence that the defendant was involved in the crime.

11. 1943

Journal of Management Studies, 36(7), 809–826

TOP SECRET//SI//NF//FOUO//NOFORN//NOFORN//NOFORN//NOFORN//NOFORN

[illegible]

1. DATE TIME LOCATION BY

DATE OF DEPARTURE: 12/10/1961 TO: 12/10/1961

Very truly yours,

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2 MR. STAMETS: Mr. Kellahin, you
3 can furnish that information later.

4 MR. KELLAHIN: Thank you, Mr.
5 Chairman.

6 MR. STAMETS: The witness is
7 excused.

8 The Commission is going to ap-
9 prove the application, a 200 percent risk factor, a \$2500
10 drilling rate, \$250 production rate, and an order will be
11 forthcoming in written form when we get around to it.

12 If there is nothing further in
13 this case, the case is concluded.

14 (Hearing concluded.)
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1. The first part of the report is a summary of the work done during the last year.

2. The second part is a detailed account of the work done during the last year.

3. The third part is a summary of the work done during the last year.

4. The fourth part is a summary of the work done during the last year.

5. The fifth part is a summary of the work done during the last year.

6. The sixth part is a summary of the work done during the last year.

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9. The ninth part is a summary of the work done during the last year.

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11. The eleventh part is a summary of the work done during the last year.

12. The twelfth part is a summary of the work done during the last year.

13. The thirteenth part is a summary of the work done during the last year.

C E R T I F I C A T E

I, SALLY W. BOYD, C.S.R., DO HEREBY
CERTIFY that the foregoing Transcript of Hearing before the
Oil Conservation Division (Commission) was reported by me;
that the said transcript is a full, true, and correct record
of the hearing, prepared by me to the best of my ability.

Sally W. Boyd CSR

Journal of Management Education 26(7)>

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[illegible][illegible]

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