



OIL & GAS CONSERVATION COMMISSION
Meeting: September 15, 1989
Dr. Daniel J. Brennan, Exec. Director

9



Oil and Gas Conservation Commission
STATE OF ARIZONA

5150 North 16th Street, Suite B141
Phoenix, Arizona 85016
Phone: (602) 255-5161

August 22, 1989

**NOTICE OF COMBINED PUBLIC MEETING
AND POSSIBLE EXECUTIVE SESSION**

Pursuant to A.R.S. § 38-431.02, notice is hereby given to the members of the Oil and Gas Conservation Commission and to the general public that the Oil and Gas Conservation Commission will hold a meeting open to the public on September 15, 1989 at 10:00 A.M. at 5150 North 16th Street, Suite B141, Phoenix, Arizona 85016. As indicated in the agenda, the Oil and Gas Conservation Commission may vote to go into executive session which will not be open to the public to discuss certain matters.

The agenda for the meeting is as follows:

1. Call to Order
2. Approval of Minutes of Meeting and of the Executive Session of July 21, 1989
3. Report of Executive Director
4. Report of Oil and Gas Specialist
5. Hearing on Chuska Energy: Request for 160-acre spacing for gas, Black Rock Field
6. Cam-Roy Research Corporation vs. Oil and Gas Commission
7. Plugging of Geothermal Wells, Chandler Area
8. Interstate Oil Compact Commission Meeting in Arizona
9. Motion to Authorize Executive Director to Act for the Commission
10. Call to the Public
11. Announcements
12. Adjournment

The Oil and Gas Conservation Commission may vote to go into Executive Session (pursuant to A.R.S. § 38-431.A.3) which will not be open to the public to consult with its attorney and receive legal advice with respect to any regular agenda item listed on this agenda.

A copy of the agenda background material provided to Commission members (with the exception of material relating to possible executive sessions) is available for public inspection at the Commission's office, 5150 North 16th Street, Suite B141, Phoenix, Arizona 85016.

The Oil and Gas Conservation Commission may vote to go into Executive Session (pursuant to A.R.S. § 38-431.A.4) which will not be open to the public to consult with its attorney and instruct him on how to proceed with regard to a lawsuit.

The public will be afforded an opportunity to comment on any item on the agenda; however, at the beginning of the meeting, the Commission may vote to set a time limit on individual comments.

DATED THIS 22nd day of August 1989.

OIL AND GAS CONSERVATION COMMISSION


Daniel J. Brennan
Executive Director



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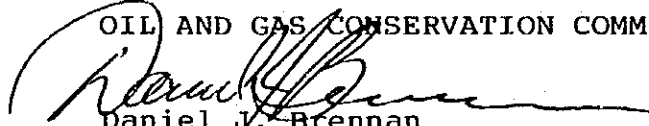
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Executive Director

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Daniel J. Brennan
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OIL AND GAS CONSERVATION COMMISSION
3110 North 19th Avenue, Suite 190
Phoenix, Arizona 85015

Minutes of Meeting
July 21, 1989

Present:

Dr. J. Dale Nations, Chairman
Mrs. Jan C. Wilt, Vice-Chairman
Mr. A. R. Bennett, Member
Mr. J. E. Warne, Jr., Member
Dr. Daniel J. Brennan, Executive Director
Mr. Steven L. Rauzi, Oil and Gas Specialist

The regular Commission Meeting of July 21, 1989 was called to order by Dr. J. Dale Nations, Chairman, at 10:00 A.M. in the Commission's office.

APPROVAL OF MINUTES OF MEETING OF MARCH 17, 1989

Mr. Warne moved, seconded by Mr. Bennett:

THAT THE MINUTES OF THE MEETING OF MARCH 17, 1989
BE ACCEPTED AS PRESENTED.

Motion carried unanimously.

REPORT OF EXECUTIVE DIRECTOR

The Activity Report of Dr. Brennan was sent to the Commissioners, and has been made a part of these minutes. Dr. Brennan has been searching for space in which to relocate the Commission's office upon expiration of the lease on the present space. An extension to the present lease was rejected by DOA due to a rent escalation clause. Several buildings are now under consideration.

Dr. Brennan reported on a meeting he attended on July 19, 1989 at the Governor's office concerning the upcoming budget. The rules have been revised this year for the 1991 budget preparation which is due the 31st of August 1989. By October 1, 1989, a reduced budget option is to be submitted to the Executive Budget Office. Optional reductions of 5% and 15% are to be presented.

Dr. Nations suggested that the Commissioners have a copy of the budget for review, and that this subject be on the agenda for the September 15, 1989 meeting.

Dr. Brennan advised the next administrative project will be the five-year review of the geothermal rules to be submitted in January 1990. The revisions of the Oil and Gas Rules will be due next summer, and they will be ready for the Commission's review in the spring.

Dr. Brennan stated that Morton Salt has two wells in west Glendale which need to be plugged. The EPA has approved the plugging plan for the #2 well, but forgot to approve the plan for the #1 well. As soon as the approvals are received by Morton, they will plug these wells.

An explanation of the recent purchase of software was given by Dr. Brennan. He explained that one program will be used for publishing a list of all the Commission's publications. Dr. Nations suggested having our publications in the various libraries and museums in the state.

REPORT OF OIL AND GAS SPECIALIST

The Activity Report of Mr. Rauzi was sent to the Commissioners, and has been made a part of these minutes. He said that oil companies are starting to express interest in the Precambrian Chuar as an exploration target. Jay Shields is trying to secure financing to test the Chuar by deepening one of his wells. Chuar Group Rocks extend from the Grand Canyon area northward into Utah.

He gave a report on a meeting he attended in Kingman involving TranAm Energy's solution salt mining project in the Red Lake salt deposit. Within three to five years they intend to convert each of the salt solution wells to natural gas storage wells.

CHUSKA ENERGY'S WORKOVER PROGRAM AT BLACK ROCK

Mr. Rauzi indicated that Chuska is producing about 600 barrels of water a day from the Akah Formation in the #1 Navajo A-C well. Chuska intended to plug this zone but could not due to the mechanical condition of the well. Because of the great expense of hauling the water to a disposal facility in Utah, Chuska has expressed interest in converting one of the wells in the field to a water disposal well. El Paso Natural Gas Company will purchase the gas.

Mr. Rauzi advised that a report carried in Petroleum Information about a well drilled by Chuska in the Walker Creek field was really an abandoned location. Chuska abandoned the proposed well after analyzing seismic data shot over the location.

Mr. Rauzi advised that USGS was to shoot a seismic line from Chino Valley to Klethla Valley on the Indian Reservation, but decided not to shoot the part on the Reservation due to permit problems.

Dr. Brennan reported on a call from Meridian Oil regarding coalbed methane resources in the Black Mesa Basin. Since we have no information on this subject, the caller was referred to the Department of Water Resources, the Indian Tribes and Professor Nations. Our rules cover methane since it is natural gas.

CAM-ROY RESEARCH CORPORATION VS. OIL AND GAS COMMISSION

Ms. Carol Lewin, legal counsel, stated Cam-Roy's attorneys filed a Motion to Set and Certificate of Readiness asking the court to set the case for a trial. Our counsel responded saying that the Motion was not properly filed because the list of witnesses was not submitted, and that all the issues are to be joined before the trial is set, and our counsel has not answered. In the absence of an answer, it is hard to say that all issues have been joined. A Controverting Certificate was filed by our counsel stating to the court that it was inappropriate to set this case for trial at thistime. Also a motion was filed to dismiss this case. An argument has been set in court next week, and Sheldon Muller will argue in the Commission's behalf. If the

Minutes of Meeting
July 21, 1989

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court grants the Motion to Dismiss, that is the end of the case. If the court does not grant the Motion to Dismiss, it will later rule on the Motion to Set and on the Certificate of Readiness to decide whether to set it for trial or not. If the court doesn't grant a Motion to Dismiss, then an answer will have to be filed.

INTERSTATE OIL COMPACT COMMISSION MEETING IN ARIZONA

Dr. Nations reported that the IOCC Annual Meeting will be December 2 - 5, 1989, and that negotiations are being held with the San Marcos Sheraton in Chandler. Approximately 450 people will attend. Dr. Nations has requested that the registration fees be waived for the Arizona Oil and Gas Commissioners, and is awaiting a reply; otherwise the fee is \$160.00. If a field trip is to be held, Dr. Larry Fellows has offered to be in charge of it. Kerr-McGee has offered to host a dinner or reception.

MOTION TO AUTHORIZE EXECUTIVE DIRECTOR TO ACT FOR THE COMMISSION

Dr. Brennan passed out to the Commissioners a suggested list of subjects on which the director might act for the Commission and also a list of authorities reserved to the Commission. These lists will be reviewed by Ms. Lewin, and placed on the agenda for the next meeting. Ms. Wilt asked for a comparison of other agencies in respect to this list. Dr. Brennan will pursue this request.

CALL TO THE PUBLIC

Mike Buren, a graduate student at Northern Arizona University, was introduced as a guest. He was working on a problem in Chino Valley.

ANNOUNCEMENTS

The next meeting was set for September 15, 1989.

Mrs. Wilt moved, seconded by Mr. Bennett:

THAT THE COMMISSION GO INTO EXECUTIVE SESSION.

Motion carried unanimously. At 11:00 A.M., the Commission went into Executive Session.

At 11:37 A.M., the regular meeting resumed after completion of the Executive Session with all original Commissioners being present.

ADJOURNMENT

Mr. Warne moved, seconded by Mr. Bennett:

THAT THE MEETING BE ADJOURNED.

Motion passed unanimously. Time of adjournment was 11:45 A.M.

APPROVED

Dale Nations
Dr. J. Dale Nations
Chairman

GUESTS IN ATTENDANCE:

Carol Lewin
Mike Shcolnik

Attorney General's Office
State Personnel



Oil and Gas Conservation Commission

STATE OF ARIZONA

3110 N. 19th AVENUE, SUITE 190

PHOENIX, ARIZONA 85015

PHONE: (602) 255-5161

August 22, 1989

ACTIVITY REPORT

Daniel J. Brennan
Executive Director

The first item of news is that the Commission's offices will be in a new location for the next meeting. We have negotiated a lease for two suites at 5150 North 16th Street in Phoenix. One suite, B-141 will house the offices while the other will be the site of our sample library. We hope to complete the move on or about August 31.

This office complex is known as Willowick and is located north of Camelback Road on 16th Street (not Avenue.)

We are working on the budget request at the time of the writing of this report. This year's reporting and documentation requirements are more detailed, and more forms have been added. This has required a bit more work on our parts. The emphasis is on a maintenance of service budget, not on enhancing programs. The regular budget is due in the Executive Budget Office by September 1.

By October 1, we are required to submit a decremental budget listing 5% and 15% total decreases in expenditures. I will have some proposals to present at the meeting. So far, the only way I can see to cut expenses that much is to cut personnel.

We expect Chuska Energy to present a request for closer spacing of gas wells in the Black Rock Area of Apache County.

The hearing on our request to dismiss Cam-Roy's suit against the Commission has been postponed until September 6, so we have nothing to report yet.

We are including many items on the agenda, so you may want to plan on a long meeting and/or postpone some items.



Oil and Gas Conservation Commission

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PHOENIX, ARIZONA 85015

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ACTIVITY REPORT

August 25, 1989

Steven L. Rauzi *SLR*
Oil & Gas Specialist

I am currently devoting most of my time to finalizing the Late Proterzoic Chuar study. A rough draft of the report is complete and awaiting initial review by Dan. Donald Elston, with the U.S.G.S. in Flagstaff, has agreed to review the draft. Preparation of the map for publication is proving to be a time-consuming task. The subcrop map, legend, and title block have separately been converted into negative films. I found it necessary to opaque innumerable dust dots of light on the negative of the subcrop map. Negatives of the legend and title block will then be spliced to the negative of the subcrop map. After cropping, the resulting spliced negative will be converted into a positive film. The positive film will then be used to make final prints.

On August 24, I inspected the AmeriGas (formerly CalGas) LPG storage facility west of Glendale. All manually operated wellhead valves were in good working condition. At the Glendale facility, unlike the LPG storage facility at Adamana, pneumatic and Greenwood valves are installed on the product and brine sides, respectively, of each wellhead. These valves are closed (effectively shutting-in the well at the wellhead) by throwing remotely located switches. These valves were found to be in good working condition. A redundant safety feature on the pneumatic and Greenwood valves is the presence of plastic tubing attached to the valve mechanism that when ruptured, as in the case of fire at the wellhead when no one is around to throw a safety switch, releases pressure and closes both the pneumatic and Greenwood valves. The emergency shut-off system (ESOS) was also tested and worked properly in that all wells in the facility were shut-in at the same time. The emergency shut-off system is controlled by throwing any one of several switches stratigically located throughout the facility. I threw the ESO switch at the front entrance gate for this particular test. When activated, the ESOS closes all

wellhead product-side pneumatic valves, all wellhead brine-side Greenwood valves, and the main brine actuator valve between the wells and the brine-pit pump. Back-check valves were found to be installed on the fresh water side of each wellhead. Product (i.e. Butane) was being transferred from railroad tankcars at the terminal into the number 2 cavern during the early stages of the inspection. Thus, the flare system was in use and observed to be working properly. I then made a visual inspection of the brine pits. No leakage around the base of the pits was observed nor was any serious damage to pit liners observed. Gas in the alluvium and soil in the vicinity of the storage facility, resulting from leakage from the now abandoned Roach-Baker #1 well, is still being flared just north of the brine pits. Gas volume through the pumps that feed the flare is decreasing at about 2% a month. At this rate of decrease, the gas volume is expected to approach zero in about one to one-and-a-half years. Finally, warning signs with emergency response phone numbers were found to be installed and plainly visible at the entrance gates to the facility.

On August 24, Chuska Energy Company submitted an application requesting 160 acre spacing and drilling units in the Black Rock field. Dan has included their request on the agenda for the next regularly scheduled Commissioner's meeting. My preliminary evaluation of Chuska Energy's geologic and engineering data leads me to conclude that it would be appropriate, and in the best interest of the State of Arizona, to approve their application.

On September 7, I intend to go to the Bureau of Land Management's competitive oil and gas lease sale. It is my understanding that the sale will include parcels in the Arizona Strip area. If this is so, then I hope that more interest is expressed in this sale than was shown in the last sale of parcels on the Arizona Strip.

AGENCY OIL & GAS CONSERVATION COMMISSION

DIVISION _____ IDENTIFICATION CODE NO. _____

1		2		3		4		
CLAIMS PAID YEAR TO DATE 1989-1990		OBJECT CODE NO.	DISTRIBUTION OF EXPENDITURES CLASSIFICATION			CLAIMS PAID MONTH OF AUG. 1989		
9,420	76	6011	1	Salaries: Staff	1	7065	57	
7,864	48	6057	2	Appointed Official	2	5,898	36	
60	00	6058	3	Commission Members	3	60	00	
		6081	4	Temporary Help	4			
			5		5			
1,279	78	6111	6	Emp. Related: F.I.C.A.	6	959	84	
14,600	00	6113	7	Health Insurance	7			
11	20	6115	8	D&L Insurance	8	8	40	
34	56	6117	9	Unemployment Insurance	9	25	92	
800	00	6118	10	Dental Insurance	10			
118	56	6119	11	Workmen's Comp	11	88	95	
345	72	6155	12	Retirement	12	259	29	
112	72	6183	13	Personnel	13	84	64	
			14		14			
		6293	15	Prof. Serv.: Court Reporter	15			
		6499	16	Cartographic Symbols	16			
		6499	17	Cartographer	17			
			18		18			
		6511	19	Travel-State: Air Fare	19			
		6531	20	Taxi; parking	20			
131	04	6541	21	Mileage-Private Vehicles	21	1	44	
263	71	6551	22	Mileage-State Vehicles	22	263	71	
		6582	23	Lodging	23			
10	00	6583	24	Per Diem	24			
		6595	25	Telephone	25			
		6598	26	Travel Advance	26			
		6599	27	Other	27			
			28		28			
		6611	29	Travel-Out of State: Air Fare	29			
		6631	30	Taxi; rail	30			
		6639	31	Other (Public transport.)	31			
		6641	32	Personal Auto	32			
		6682	33	Lodging	33			
		6683	34	Per Diem	34			
		6695	35	Telephone	35			
		6698	36	Travel Advance	36			
		6699	37	Other	37			
			38		38			
		7019	39	Other Operating: Other (Advertising)	39			
		7036	40	Postage	40			
35	78	7044	41	Telephone: ATS Services	41	35	78	
458	88	7045	42	Line Costs	42	458	88	
		7046	43	Station Equipment	43			
		7047	44	Long Distance	44			
62	31	7048	45	Other	45	62	31	
		7049	46	Communication: Other	46			
			47		47			
2,193	00	7066	48	Risk Management	48			
			49		49			
		7103	50	Office Rent	50			
		7108	51	Storage Rent	51			
			52		52			
		7311	53	Printing	53			
		7313	54	Binding	54			
		7315	55	Quick Copy	55			
			TOTAL					

AGENCY OIL AND GAS CONSERVATION COMMISSION

DIVISION _____ IDENTIFICATION CODE NO. _____

1	2	3	4
CLAIMS PAID YEAR TO DATE 1989-1990	OBJECT CODE NO.	DISTRIBUTION OF EXPENDITURES CLASSIFICATION	CLAIMS PAID MONTH OF AUG. 1989
	7532	1 Furniture (Maintenance Noncontract)	1
	7532	2 Adder/Calculator (Maintenance Noncontract)	2
	7532	3 Copy Machine (Maintenance Noncontract)	3
	7532	4 Reader/Printer (Maintenance Noncontract)	4
	7539	5 Other (Repair and Maintenance)	5
		6	6
	7553	7 Typewriter (Maintenance Contract)	7
		8	8
	7581	9 Data Processing - Magnetic Media	9
	7582	10 Data Processing - Paper	10
	7583	11 Data Processing - Other	11
4 80	7586	12 Drafting Supplies	4 80
		13	13
	7595	14 Field Supplies	14
		15	15
	7621	16 Stationery & Envelopes	16
	7624	17 Reproduction Supplies	17
	7625	18 Office Supplies	18
		19	19
	7962	20 Revolving Fund	20
	7967	21 Books	21
		22	22
	7971	23 Organization Dues	23
	7973	24 Education and Training	24
	7975	25 Registration Fees	25
		26	26
	7980	27 Computer Software	27
	7985	28 Freight and Moving	28
		29	29
16 25	7997	30 Subscription; Newspaper	16 25
	7997	31 Technical Journal	31
	7999	32 Other	32
		33	33
	8342	34 Library and Reference Books	34
	8344	35 Law Books	35
		36	36
	8410	37 Data Processing Equipment	37
		38	38
	8483	39 Office Furniture and Equipment	39
		40	40
		41	41
		42	42
		43	43
		44	44
		45	45
		46	46
		47	47
		48	48
		49	49
		50	50
		51	51
		52	52
		53	53
		54	54
		55	55
37,823 55		TOTAL	15,277 89

MONTHLY FINANCIAL REPORT

1 RECEIPTS MONTH OF AUG. 19 89	2 RECEIPTS CLASSIFICATION	3 APPROPRIATED RECEIPTS	4 UNAPPROPRIATED RECEIPTS	5 TOTAL ALL RECEIPTS YEAR TO DATE
	1 Permits to Drill			4,327 00
	2			
	3			
	4			
	5			
	6			
	7			
	8			
	9			
	10			
	11			
	12			
	13			
	14			
	15			
	16			
	17			
	TOTAL CURRENT MONTH RECEIPTS			XXXXXX
XXXXXX	TRANSFERS IN			
	BALANCES BROUGHT FORWARD	4,327 00		XXXXXX
	TOTALS - MONTH AND YEAR TO DATE	4,327 00		

6 CLAIMS PAID MONTH OF AUG. 19 89	7 EXPENDITURES FUND TITLES	8 TOTAL AMOUNT AVAILABLE YEAR TO DATE	9 CLAIMS PAID YEAR TO DATE	10 OUTSTANDING ENCUMBRANCES	11 UNENCUMBERED BALANCE
13,023 93	1 Personal Services	116,700 00	17,345 24		99,354 76
1,427 04	2 Emp. Related Exp.	25,300 00	17,302 54		7,997 46
	3 Professional Services				
265 15	4 Travel - State	5,900 00	404 75		5,495 25
	5 Travel - Out of State	1,500 00			1,500 00
561 77	6 Other Operating Exp.	27,300 00	2,771 02		24,528 98
	7 Capital Outlay-Equipment	1,200 00			1,200 00
	8 Dues for IOCC	3,000 00			3,000 00
	9 IOCC Meeting	2,000 00			2,000 00
	10 Office Relocation	3,000 00			3,000 00
	11				
	12				
	13				
	14				
	15				
	16				
	17				
	18				
	19				
	20				
	21				
	22				
	23				
	24				
	25				
	26				
	27				
	28				
	29				
	30				
15,177 89	TOTALS	185,900 00	37,823 55		148,076 45

OIL AND GAS CONSERVATION COMMISSION
STATE OF ARIZONA

DATE	NAME	REPRESENTING
7/7/89	Foren J. Hughes	923 N. 18TH AVE PHX AZ. 85021
7/10/89	James J. Harris	Michaelson Group 944-4910 Erol L. Montgomery & Assoc. 1075 E. Ft. Lowell Rd. Suite B, Tucson, 85719 12 App. with 10000000000
7/14/89	Chad R. Carr	15 S. 15th Ave. Phx 85007
7/14/89	Nancy Beresty	"
7/18/89	Roger Blum	803 N. 7th St, Phx AZ 85006
7/20/89	Don O. Snyder	3525 ANDREWS Hwy #105 Midland, Texas
7-25-89	C. L. McArthur Jr	Self
1-21-89	Mike Bowen	Arizona State University
5/14/89	George Salbeck	Marathon Petroleum Company, Inc
8/22/89	Ed Heylman	Self