

Oil & Gas Conservation Commission  
Meeting: June 29, 1978  
Mr. John Bannister, Exec. Sec.



OFFICE OF  
**Oil and Gas Conservation Commission**  
 STATE OF ARIZONA  
 1645 WEST JEFFERSON, SUITE 420  
 PHOENIX, ARIZONA 85007  
 PHONE: (602) 271-5161

A G E N D A

Meeting  
 June 29, 1978  
 College of Mines  
 Tucson, Arizona

10:00 A.M.

Call to order

1. ✓ Approval of minutes of meeting of April 21, 1978
2. ✓ Report of Executive Secretary
3. Report of Enforcement Section
4. Report of Geology Section
5. Old Business
6. New Business - Aug mtg - 11 or 25th
7. Adjourn

IF YOU ARE UNABLE TO ATTEND THIS MEETING, PLEASE NOTIFY THIS OFFICE AS SOON AS POSSIBLE.

19th  
 or 15th

Next Comm Meeting  
 Sept 15th  
 Pres call

Natum z  
 Galber-

Meeting possible airport



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PHONE: (602) 271-5161

June 15, 1978

Memo: Commissioners  
From: John Bannister

The next meeting of the Commission will be on Thursday, June 29, 1978. If you will meet in Room 134 of the College of Mines building, you will be conducted to a conference room for the meeting. Room 134 is Dr. Drescher's office. His office is located at the head of the first set of stairs you will encounter on the west side of the College of Mines building.

Parking is available across the street to the northwest of the College of Mines building. Please see attached map. Parking costs 50¢ so you should have two quarters available.



OFFICE OF

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STATE OF ARIZONA

1645 WEST JEFFERSON, SUITE 420

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PHONE: (602) 271-5161

June 13, 1978

Memo: Commissioners

From: John Bannister

This is to advise that the next Commission meeting will be held on June 30, 1978 at 10:00 a.m. It is suggested that we meet in our offices, as usual.

I was on vacation the first part of June, hence I did not prepare an activity report. It is my intention to submit a verbal report to you at the meeting.

Should you be unable to attend, please advise as soon as possible. In the event no quorum is available, we will notify you as soon as possible.



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ACTIVITY REPORT

June 7, 1978

W. E. Allen  
Enforcement Section

Mr. Bannister is on vacation and, in his absence, I will comment briefly on legislation affecting this Commission:

Senate Bill 1183, which would have created an Arizona Energy Office, passed the House and was sent to the Senate. Governor Babbitt proposed numerous amendments to this bill, but no action was taken by the Senate. Therefore, this is a dead issue for this year. It is said that the Governor plans to present a very comprehensive piece of legislation to establish an energy office in the next session of the Legislature.

House Bill 2027, which is a Commission-sponsored bill amending the definition of a well to specifically cover storage and injection wells, has been signed by the Governor.

House Bill 2325, which was a geothermal bill, passed all House committees. An amendment adding a \$258 thousand appropriation was tacked onto this bill in one of the committees - that sealed the doom for this bill - it was never brought up for a vote in the House.

The Governor has announced the reappointment of our Chairman to the Commission. Congratulations, Mr. Bilby. The newspaper also announced that the Governor had appointed Johnny Gregovich, Miami School Board President, to fill the vacancy created by the resignation of Dr. Nations. This proved to be erroneous. Mr. Gregovich will fill the vacancy created by the resignation of Mr. Norman Levitt. To my knowledge, Mr. Levitt's resignation hasn't been officially announced, however the above information came from the Governor's office.

John will be back in the office on Monday, at which time he

Enforcement Section  
June 7, 1978  
Page 2

will contact each of you concerning the next Commission meeting.

I have been working with the California Liquid Gas and Williams Energy people in an effort to speed up the implementation of our new Rule 706, which the Commission approved at the last meeting. No trouble is foreseen in executing this rule. It will just take a little time.

As of now, Kerr-McGee Corporation hasn't started on its infill drilling program in the Dineh-bi-Keyah field.

Last Saturday, I attended a meeting called by the Bureau of Land Management (BLM) to consider various criteria pertinent to establishing wilderness areas. I strongly suggested that the economic impact should be given top priority in setting land aside for wilderness areas. No way would BLM consider this suggestion.

If the public doesn't unite against the ardor of the BLM and the Forest Service in the establishment of wilderness areas, national parks, wild river areas, etc., most all public lands will soon be unavailable to everyone and everything except hikers and backpackers.



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ACTIVITY REPORT

June 7, 1978

J. N. Conley  
Director, Geology Section

PUBLICATIONS

Sales - since May 10 total \$158.00.

Report of Investigation 6. This report, entitled "Thermal Gradient Anomalies in Southern Arizona," has been printed.

Catalog 1-A. This publication, a revision and update, is being printed this month. It is an index of samples of drill-bit cuttings and/or cores of wells drilled in the State since September 1975.

ENERGY RESOURCE LEASING AND EXPLORATION ACTIVITY

Geothermal. None reported.

Oil & Gas. No new activity reported in the State. However, a trade journal reports that in southwestern Utah casing has been set at 2390 feet to test an open hole interval from 2390-2890 feet in a wildcat test in T. 43 S., R. 19 W., sec. 32, Washington County. The operator, Energy Associates of Salt Lake City, reports good shows of oil were found in either Moenkopi (lower Triassic) or Supai (Pennsylvanian) rocks. This test hole is less than one-half mile north of T. 41 N., R. 12 W., Mohave County. The Virgin field, 21 miles to the northeast, produces oil from the Moenkopi.

The Arizona State Land Department administers approximately 10 million acres of mineral interests under state lands. Oil and gas leases totaling more than 6 million acres have been issued or are being processed as of this date.

Uranium. Unconfirmed reports indicate that Union Oil plans to commence mining operations on its uranium properties near the old Anderson mine in T. 11 N., R. 10 W., Yavapai County, upon receipt of required Federal approvals. A mill for processing the ore will be constructed on the site.

The price of uranium has increased from \$16 per pound in 1974 to about \$43 per pound in May 1978.

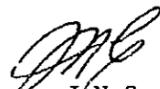
GENERAL

Energy Potential of the Colorado Plateau Province of Arizona. The requested technical assistance grant from the Four Corners Regional Commission has been fully approved.

Activity Report  
June 7, 1978  
Page 2.

Deep Seismic Exploration. According to a report in the World Oil, May 1978, onshore along the Texas Gulf Coast application of new seismic technology permits more accurate structure resolution as well as structure mapping than had been possible earlier. There has been some success in locating stratigraphic traps by seismic surveys not possible in earlier years. Deep and accurate seismic surveys will be necessary to define drillable structures beneath thrust plates in southwestern and southern Arizona. Anschutz' large lease play in Arizona is based on the possibility of oil accumulations existing under thrust plates comparable to those found in Utah, Wyoming, Montana, and Alberta.

JNC:os

  
J.N.C.

**MONTHLY FINANCIAL REPORT**

RECEIPTS MONTH OF	CLASSIFICATION	APPROPRIATED RECEIPTS	UNAPPROPRIATED RECEIPTS	TOTAL ALL RECEIPTS YEAR TO DATE
MAY 1978				
75 00	1 Permits to Drill		75 00	275 00
	2			
	3			
	4			
	5			
	6			
	7			
	8			
	9			
	10			
	11			
	12			
	13			
	14			
	15			
	16			
	17			
75 00	TOTAL CURRENT MONTH RECEIPTS		75 00	XXXXXX
	TRANSFERS IN			
XXXXXX	BALANCES BROUGHT FORWARD		3,901 83	XXXXXX
75 00	TOTALS - MONTH AND YEAR TO DATE		3,976 83	275 00

CLAIMS PAID MONTH OF	FUND TITLES	TOTAL AMOUNT AVAILABLE YEAR TO DATE	CLAIMS PAID YEAR TO DATE	OUTSTANDING ENCUMBRANCES	UNENCUMBERED BALANCE
MAY 1978					
8,351 26	1 Personal Services	108,580 00	91,330 91		17,169 09
1,572 02	2 Emp. Related Exp.	18,700 00	15,044 29		3,655 71
325 63	3 Professional Services	4,200 00	3,533 15		666 85
844 33	4 Travel - State	7,400 00	6,154 89	1,242 48	2 63
55 00	5 Travel - Out of State	2,300 00	1,961 63	337 00	1 37
282 02	6 Other Operating Exp.	16,386 64	12,912 68	683 58	2,790 38
-0-	7 Capital Outlay-Equipment	800 00	790 22		9 78
	8				
	9				
	10				
	11				
	12				
	13				
	14				
	15				
	16				
	17				
	18				
	19				
	20				
	21				
	22				
	23				
	24				
	25				
	26				
	27				
	28				
	29				
	30				
11,480 26	TOTALS	158,286 64	131,727 77	2,263 06	24,295 81

AGENCY Oil & Gas Conservation Commission

DIVISION \_\_\_\_\_ IDENTIFICATION CODE NO. \_\_\_\_\_

CLAIMS PAID YEAR TO DATE		OBJECT CODE NO.	DISTRIBUTION OF EXPENDITURES CLASSIFICATION	CLAIMS PAID MONTH OF MAY 1978
1,020.00		71140	1 Per Dien: Commission Members	
90,310.91		71150	2 Salaries: Staff	
613.50		71510	3 Emp. Related: Workmens Comp	8,351.26
541.82		71520	4 Unemployment Insurance	57.12
4,325.13		71530	5 F.I.C.A.	50.08
6,321.84		71542	6 Retirement	505.22
2,343.00		71550	7 Health Insurance	584.60
564.00		71552	8 D & L Insurance	228.00
285.00		71570	9 Personnel Comm. Pro Rata Charges	72.00
595.52		72169	10 Professional Serv: Cartographic Symbols	75.00
154.00		72169.1	11 Cartographic Symbols	154.00
2,441.88		72199	12 Cartographer	221.63
341.75		72199.1	13 Cartographer (U of A)	
727.35		72511	14 Travel-State: Mileage - Private Vehicles	
3,949.95		72512	15 Mileage - State Vehicles	720.00
1,243.62		72520	16 Subsistence	66.96
56.00		72531	17 Air Fare	
121.84		72541	18 Registration Fees	38.74
22.00		72543	19 Parking	3.00
34.13		72549	20 Misc.	15.63
675.95		72560	21 Travel-Out of State: Subsistence	
1,057.64		72571	22 Air Fare	
102.20		72574	23 Taxis	
120.00		72581	24 Registration Fees	53.00
5.84		72589	25 Other-Telephone, etc.	
5,000.00		72711	26 Occupancy: Office Rent	
1.00		72713	27 Warehouse Rent	1.00
25.13		72821	28 Mtn. & Repairs: Furniture	
		72823	29 Adders & Calculators	
43.00		72824	30 Typewriters	
168.00		72826	31 Copy Machine, Other	
7.50		72827	32 Mimeo, Reader-Printer, etc.	
15.25		73111	33 Office Supplies: Printed Stationery & Envelopes	
7.50		73113	34 Carbon & Ribbons	7.56
117.97		73117	35 Reproduction Supplies	
1,540.58		73119	36 Misc. & Blue Prints	99.25
150.39		73119.1	37 Misc. & Blue Prints (U of A)	
		73259	38 Field Supplies: Logs, etc.	
184.30		73514	39 Printing - Large Maps, etc.	
109.90		73514.1	40 Large Maps, etc. (U of A)	
115.35		73519	41 Misc.	
529.84		73524	42 Legal Advertising	
39.00		73531	43 Subscriptions: Newspaper	
59.50		73533	44 Technical Journals	18.00
490.00		73541	45 Postage Stamps	
300.11		73551	46 Telephone Service: Central System	
901.35		73552	47 Equipment Rental	23.34
215.82		73553	48 Long Distance	85.65
372.31		73554	49 ATS Service Charge	17.13
1,569.50		73720	50 Organization Dues	30.09
98.80		73730	51 Technical or Reference Books	
600.00		73741	52 Insurance	
250.00		79220	53 Revolving Fund	
502.26		74312	54 Capital Outlay: Map Cabinet	
287.96		74313	55 Light Table	
131,727.77			TOTAL	11,480.26

OFFICE

(DO NOT WRITE BELOW THIS LINE)

FIELD

OIL AND GAS CONSERVATION COMMISSION  
1645 West Jefferson Street  
Suite 420  
Phoenix, Arizona 85007

Minutes of Meeting  
April 21, 1978

Present:

Mr. Ralph W. Bilby, Chairman  
Mr. Hal Butler, Vice Chairman  
Dr. J. Dale Nations, Member

Absent:

Mr. Robert A. Gallaher, Member  
Mr. Norman D. Levitt, Member

The regular Commission meeting of April 21, 1978 was called to order by Chairman Ralph Bilby at 11:30 a.m. in Room 212, 1645 West Jefferson Street, Phoenix, Arizona, at the conclusion of hearings of Cases 53 and 54.

The minutes of the meeting of February 17, 1978 were approved as written.

Reports of Executive Secretary, Enforcement Section and Geology Section were accepted.

The significance of the Anschutz leasing of five million acres of land in Arizona was discussed.

Meeting adjourned at 12:00 noon.

Approved

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ACTIVITY REPORT

May 11, 1978

John Bannister  
Executive Secretary

Status of Legislation:

House Bill 2027, which is the Commission-sponsored bill wherein the definition of a well is amended so as to specifically cover storage and injection wells, passed the Senate Natural Resources Committee May 2nd. At this time, the House has passed this bill and there are no further committees in the Senate to consider the bill other than the Rules Committee. It is anticipated that House Bill 2027 will become law.

House Bill 2168, the bill concerning recycling of used oil, failed to pass the Senate Natural Resources Committee and, consequently, is dead for this year. Even though the Commission was trying to shepherd this bill through the House, this, in actuality, was a bill of the Natural Resources and Energy Committee of the House. The bill was almost totally amended in subcommittee and passed the House in the amended form. I am not at all disappointed that this bill failed, since the amendment essentially accomplished but little and was in the most confusing form. I do not know whether or not an attempt will be made to secure passage of this bill next year.

House Bill 2325, which is the geothermal bill, has passed all of the House committees but is being held in caucus at this time. I have been unable to learn whether or not the bill is dead as of this date. I will advise you as soon as I can on the future of it.

Senate Bill 1183 creates the Arizona Energy Office. As previously reported, this bill is a compromise between the Senate Energy Office bill and the House version thereof. Apparently a joint team of the legislative aides from both Senate and

Page 2  
Executive Secretary  
May 11, 1978

House Natural Resources Committees met to work out the bill in its current form. The bill, at this time, combines the Oil and Gas Conservation Commission, the Solar Energy Commission and the Office of Energy Programs from the Office of Economic Planning and Development. A seven-man advisory board, to be appointed by the Governor, is established; one member of which must come from the current membership of the Oil and Gas Conservation Commission; one from the current membership of the Solar Energy Commission; plus representatives of the electric utilities; agriculture or mining (on alternating terms); a representative of business or consumer interest (serving alternating terms); a representative of the general public; and one person knowledgeable in some facet of energy technology, economics and conservation. In addition, there will be one each ex officio member from the Senate and from the House of Representatives. Although the board is structured primarily as an advisory board, it does have certain policy making functions.

The office will be under the direction of an Executive Director, to be appointed by the Governor. During the first year, the agencies being incorporated into the Arizona Energy Office will operate as is, keeping and spending their own budgeted funds, and the Governor will appoint an acting Executive Director. I will keep you advised as to the progress of this bill.

Commission Order No. 24-1-78, Case No. 53, concerning Kerr-McGee Corporation, has been issued.

Commission Order No. 52, Case No. 54, on the rules and regulations, has likewise been issued and the rules adopted concerning storage and injection wells will become effective at midnight, June 1, 1978. Steps have been taken to bring California Liquid Gas and Williams Energy Company into compliance with the portion of the order concerning installation of flares which will burn continuously during loading operations. We feel this is a most important step in the safety regulations.

We are attaching a copy of the rules adopted at our last hearing.

As discussed with you, it appears at this time that there will not be sufficient monies available for a Commission meeting in June, inasmuch as we anticipate being short approximately \$300 in state travel funds. Every effort will be made to cut expenses so that this meeting can be held. We will advise you in

Page 2  
Executive Secretary  
May 11, 1978

our June report of the status of our travel account. You may recall that the Commission, in our initial budget, requested additional in-state travel funds for the current year and these funds were not allowed.



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ACTIVITY REPORT

May 10, 1978

W. E. Allen  
Enforcement Section

Following the hearing on April 21, 1978, Kerr-McGee Corporation has been issued permits to drill wells Nos. 18 and 19 in the Dineh-bi-Keyah field. The locations of these wells are: No. 18 - NW/NE/4 Sec. 32, T36N, R30E, Apache County; No. 19 - NW/NE/4 Sec. 31, T36N, R30E; Apache County. Five more locations have been staked, however Kerr-McGee hasn't filed for drilling permits on these locations. As of last Friday, the archeological survey, as required by the United States Geological Survey (USGS), hadn't been completed, nor had the environmental impact survey been made. The USGS will not issue the federal drilling permit until these surveys are of record and approved.

As mentioned in a previous report, Energy Reserves Group has suspended drilling operations in the Teec-Nos-Pos field of Apache County pending further geological and engineering studies of this field.

Immediately following the recent hearing and adoption of Rule 706 pertaining to LPG storage wells, both California Liquid Gas Corporation and Williams Energy Company were notified that safety flares must be installed at each of their storage locations. These flares should be operational within three months, hopefully.

At a recent hearing called by the State Land Department, it was ruled to cancel the Nix Drilling Company's geothermal lease comprising Section 16, T5S, R24E, Graham County. To date this is the only geothermal lease issued by the State Land Department. Nix Drilling Company has been instructed by the Commission to commence plugging operations - not only to start plugging but also how to plug. These plugging

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Enforcement Section  
May 11, 1978

instructions were cleared with A. K. Doss of the Land Department and will be witnessed by me.

House Bill 2168 concerning the recycling of used oil died a quick death at the hands of the Senate Natural Resources Committee. In my opinion, this bill, as it had been amended in the House, was a complete fiasco and deserved the unmerciful end that it received. I'm sure that John will comment further on the legislative matters concerning this Commission.

Insofar as I know, Anschutz Corporation hasn't divulged any information on its plans for the exploration of its vast 5 million plus acres of Arizona leases.

Judging from the opinions of the several exploration scientists with whom I have discussed this lease play, should Anschutz hit there will be a lot of red faces in this branch of the scientific community. Word has it that Shell, Mobil, Chevron, Texaco and others are backing Anschutz' play. Whatever happens, we won't run out of drilling permits.



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ACTIVITY REPORT

May 10, 1978

J. N. Conley  
Director, Geology Section

**PUBLICATIONS**

Sales - since April 11 total \$38.75.

Report of Investigation Six. The manuscript of this report, previously referred to as "Geothermal Report GT-5," has been delivered to the printer. Budget funds allocated to another investigative project which cannot be completed prior to the end of this fiscal year are being used to print the report. The title has been shortened to "Thermal Gradient Anomalies in Southern Arizona."

State of Arizona Well Location Map Four. This publication, now available, consists of three items: 1) map of the entire state at a scale of one inch equal to approximately 10½ miles, which shows wells drilled for oil, natural gas, helium, and geothermal resources, selected wells drilled for stratigraphic and mineral information, and oil/natural gas pipelines; 2) map at a large scale showing oil, natural gas, and abandoned helium pools in northeastern Apache County; and 3) text presenting supplementary well data.

**ENERGY RESOURCE LEASING AND EXPLORATION ACTIVITY**

Geothermal. The April 11 activity report concerning A. Smith's attempts to assemble a block of geothermal leases in T. 4-5 N., R. 5-6 W., Maricopa County, was erroneous with respect to one state lease being issued. Actually, one application was approved but issuance will be to the company or person submitting the highest sealed bid. The sale must be advertised for a period of 10 weeks.

Oil and Gas - Basin/Range Province. Anschutz Corp. has filed applications to lease 656 tracts of state lands, totalling approximately 1,000,000 acres in southwestern and southern Arizona. This brings the total number of state lands involved in this lease play to over 5-million acres.

In the Pedregosa basin portion of the Basin and Range province, Peter J. Farrelly's blocks of state and federal oil and gas leases are available for acquisition. The State Land Dept. reports that Sanchez-O'Brien, a Laredo, Texas, based independent oil company, has been taking assignments on some of the state leases. Sanchez-O'Brien owns large portions of the prolific gas field along the Rio Grande River south of Laredo.

The acreage (approximately 123,800 acres) leased by Farrelly for the Walter Duncan family, Denver and Oklahoma City, is in the Sulphur Springs Valley of Cochise and Graham Counties. Most of the acreage is concentrated in two areas: 1) Bowie, T. 10-13 S., R. 27-29 E.; and 2) NW Douglas, T. 20-22 S., R. 25-27 E. State leases:

Activity Report  
May 10, 1978  
Page 2

55,719.10 acres, federal leases: 68,142.09 acres. The federal leases have effective dates ranging from May 1 through August 1, 1976. The state leases have effective dates ranging from January 15 through March 14, 1976. The federal leases bear \$0.50 per acre per year rental charge. The state acreage bears a \$0.25 per acre per year charge until production occurs, at which time the rental is \$1.25 per acre per year, plus a recapture of a \$1.00 per acre per year paid after discovery for the number of rental years the lease was held prior to discovery. Both types of leases bear a one-eighth (1/8) royalty.

Depths to test potential hydrocarbon-bearing rocks, primarily carbonates of Cretaceous and Paleozoic ages, will range from 5,000 to 15,000 feet.

Uranium. The search for uranium throughout much of the state continues to be very active. Numerous large companies are involved, including but not limited to Phillips Petroleum, Kerr-McGee, Exxon, Union, Western Nuclear, Urangesellschaft, Uranerz, Urania, Anaconda-Arizona Public Service, and Public Service Co. of Oklahoma. Some of the prospect boreholes are being drilled to depths of 5,000 feet or more. Currently the subsurface geological information revealed by these holes is proprietary. Upon relinquishment of prospect permits on state lands, however, much of this information will be available to the public sector through the State Land Dept.

It is reported that Exxon Company, U.S.A., is ready to convert its prospecting permits to leases on two sections of land in the Moonshine Springs area on the Uinkaret Plateau in Mohave County.

Indian Lands. The U.S. Geological Survey is continuing reconnaissance geologic mapping and geophysical/geochemical studies on the Papago Reservation.

#### GENERAL

Energy Potential of the Colorado Plateau Province of Arizona. As reported last month, it appears that we may finally get a technical assistance grant from the Four Corners Regional Commission (FCRC) for performance of this investigation. GS Laboratories has furnished us a satisfactory letter agreement which has been approved by the Attorney General's Office. The contract and supplementary material required has been sent to FCRC for final approval or rejection.

Strip Country. Sal Giardina has completed the preliminary draft of a report entitled "Geologic Review of Northwestern Arizona for Petroleum Exploration Investigations."

Oil and Gas Exploration Wells, Pedregosa Basin. Sam Thompson, geologist with New Mexico Bureau of Mines and Mineral Resources, Socorro, has completed the manuscript for publication in the guidebook of the New Mexico Geological Society, 1978. We have been trying to get this society to conduct a geological field trip in the Arizona and New Mexico portions of the Pedregosa basin since 1972. The trip will be within these two states; but Petróleo Mexicanos, Chihuahua, Chih., has contributed data on wells drilled within the Mexican portion of the basin.

JNC:os

  
J.N.C.

AGENCY Oil & Gas Conservation Commission

DIVISION

IDENTIFICATION CODE NO.

1		2		3		4	
CLAIMS PAID YEAR TO DATE	OBJECT CODE NO.	DISTRIBUTION OF EXPENDITURES		CLAIMS PAID MONTH OF APRIL 1978			
		CLASSIFICATION					
1,020 00	71140	1 Per Diem: Commission Members		1	180 00		
81,959 65	71150	2 Salaries: Staff		2	8,317 08		
556 38	71510	3 Emp. Related: Workmens Comp		3	57 33		
491 74	71520	4 Unemployment Insurance		4	49 87		
3,869 91	71530	5 F.I.C.A.		5	503 16		
5,737 24	71542	6 Retirement		6	582 21		
2,115 00	71550	7 Health Insurance		7	228 00		
492 00	71552	8 D & L Insurance		8	72 00		
210 00	71570	9 Personnel Comm. Pro Rata Charges		9			
595 52	72169	10 Professional Serv: Cartographic Symbols		10			
	72169.1	11 Cartographic Symbols (U of A)		11			
2,220 25	72199	12 Cartographer		12	247 50		
341 75	72199.1	13 Cartographer (U of A)		13			
727 35	72511	14 Travel-State: Mileage - Private Vehicles		14	151 35		
3,229 95	72512	15 Mileage - State Vehicles		15	720 00		
1,176 66	72520	16 Subsistence		16	157 72		
56 00	72531	17 Air Fare		17			
83 10	72541	18 Registration Fees		18			
19 00	72543	19 Parking		19	1 25		
18 50	72549	20 Misc.		20			
625 95	72560	21 Travel-Out of State: Subsistence		21			
1,057 64	72571	22 Air Fare		22			
102 20	72574	23 Taxis		23			
65 00	72581	24 Registration Fees		24			
5 84	72589	25 Other-Telephone, etc.		25			
5,000 00	72711	26 Occupancy: Office Rent		26			
	72713	27 Warehouse Rent		27			
25 13	72821	28 Mtn. & Repairs: Furniture		28			
	72823	29 Adders & Calculators		29			
43 00	72824	30 Typewriters		30			
168 00	72826	31 Copy Machine, Other		31			
7 50	72827	32 Mimeo, Reader-Printer, etc.		32			
15 75	73111	33 Office Supplies: Printed Stationery & Envelopes		33	15 75		
	73113	34 Carbon & Ribbons		34			
117 99	73117	35 Reproduction Supplies		35			
1,441 33	73119	36 Misc. & Blue Prints		36	120 48		
150 39	73119.1	37 Misc. & Blue Prints (U of A)		37			
	73259	38 Field Supplies: Logs, etc.		38			
184 30	73514	39 Printing - Large Maps, etc.		39			
109 90	73514.1	40 Large Maps, etc. (U of A)		40			
115 35	73519	41 Misc.		41			
529 84	73524	42 Legal Advertising		42	475 93		
39 00	73531	43 Subscriptions: Newspaper		43	39 00		
41 50	73533	44 Technical Journals		44	12 50		
490 00	73541	45 Postage Stamps		45	165 00		
276 77	73551	46 Telephone Service: Central System		46	35 18		
815 20	73552	47 Equipment Rental		47	85 65		
198 69	73553	48 Long Distance		48	23 13		
342 22	73554	49 ATS Service Charge		49	23 22		
1,569 50	73720	50 Organization Dues		50			
98 80	73730	51 Technical or Reference Books		51			
600 00	73741	52 Insurance		52			
250 00	79220	53 Revolving Fund		53			
502 26	74312	54 Capital Outlay: Map Cabinet		54			
287 96	74313	55 Light Table		55			
120,247 51		TOTAL			12,263 31		

OFFICE

(DO NOT WRITE BELOW THIS LINE)

FIELD

**MONTHLY FINANCIAL REPORT**

1 RECEIPTS MONTH OF <i>APRIL 1978</i>	2 CLASSIFICATION	3 APPROPRIATED RECEIPTS	4 UNAPPROPRIATED RECEIPTS	5 TOTAL ALL RECEIPTS YEAR TO DATE
-0-	1 Permits to Drill		-0-	200 00
	2			
	3			
	4			
	5			
	6			
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	8			
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	12			
	13			
	14			
	15			
	16			
	17			
-0-	TOTAL CURRENT MONTH RECEIPTS		-0-	XXXXXX
	TRANSFERS IN			
XXXXXX	BALANCES BROUGHT FORWARD		3,901 83	XXXXXX
-0-	TOTALS - MONTH AND YEAR TO DATE		3,901 83	200 00

6 CLAIMS PAID MONTH OF <i>APRIL 1978</i>	7 EXPENDITURES FUND TITLES	8 TOTAL AMOUNT AVAILABLE YEAR TO DATE	9 CLAIMS PAID YEAR TO DATE	10 OUTSTANDING ENCUMBRANCES	11 UNENCUMBERED BALANCE
8,497 08	1 Personal Services	108,500 00	82,979 65		25,520 35
1,492 57	2 Emp. Related Exp.	18,700 00	13,472 27		5,227 73
247 50	3 Professional Services	4,200 00	3,157 52		1,042 48
1,030 32	4 Travel - State	6,900 00	5,310 56	300 00	1,289 44
-0-	5 Travel - Out of State	2,000 00	1,906 63		93 37
995 84	6 Other Operating Exp.	16,763 81	12,630 66	432 82	3,700 33
-0-	7 Capital Outlay-Equipment	800 00	790 22		9 78
	8				
	9				
	10				
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	24				
	25				
	26				
	27				
	28				
	29				
	30				
12,263 31	TOTALS	157,863 81	120,247 51	732 82	36,883 48