MONTHLY STAFF REPORT - February 12, 2002

I. <u>STATISTICS</u>

Our monthly statistics report is attached. (Page 1, Page 2, Page 3)

During January, 2002, we processed 161 applications for permits to drill (1,932 annual equivalent) which represents a 15% decrease from the average rate of 189 applications per month during calendar year 2001. Last year the permit processing level increased dramatically from 1,529 permits in 2000 to 2,273 permits in 2001. The recent decrease in permitting activity can be attributed to lower natural gas and oil commodity prices. We are estimating that we will process approximately 1,900 permits during 2002. Attached is a graph of the drilling permit history for the past several years. Also attached is a chart of the 2001 drilling permits by county.

II. NORTHWEST COLORADO

Northwest Colorado Oil and Gas Forum

The next meeting of the Forum is scheduled for Thursday, February 14, 2002 from 10:00 a.m. until 12:00 p.m. at the Rifle City Hall. The Forum, which consists of representatives from federal, state and local government, the oil and gas industry and all interested citizens, is co-chaired by Brian Macke and Garfield County Commissioner Larry McCown. Please contact Brian Macke at 303-894-2100 x122 or *brian.macke@state.co.us* to submit agenda topics for the next meeting. Attached are newspaper articles related to oil and gas activity in Northwestern Colorado. ("All Is Not Well")

Williams Production Company ("Williams") Increased Well Density Application

COGCC staff continues to work with Williams (formerly Barrett) to process Applications for Permit-to-Drill ("APDs") for new wells within lands subject to the Commission order adopted during the October 2000 hearing for 20-acre density in Garfield County. To date, the COGCC has received 58 APDs submitted by Williams for the increased well density area.

Since the January 2002 hearing, the COGCC has received three new APDs for the 20-acre infill area. Two of the APDs are for new surface well site locations north of the Colorado River in the Grand Valley Field along Parachute Creek (both for vertical holes). Two of the new APDs are for wells that are 2nd wells in 40-acre tracts and one APD is for a 1st well in a 40-acre tract. Because of the proximity of one of the proposed wells (the Chevron GM 31-20) to Parachute Creek and riparian vegetation, an onsite inspection of the proposed well site was conducted on December 18, 2001. COGCC staff, representatives of Williams, Garfield County, and the Division of Wildlife, attended the inspection. As a result of the inspection, the surface access to the well site was modified to avoid a minor surface water drainage feature and to minimize native vegetation impacts. COGCC staff placed a special permit condition on the APD for additional erosion control. The remaining APD is for a new vertical well located north of the Colorado River in the Parachute Field.

COGCC staff continues to work closely with Williams permitting staff and Garfield County to

ensure that the requirements of the 20-acre density order are met in an efficient manner.

III. NORTHEAST COLORADO

Adena J Sand Unit Annual Status Report

Babcock & Brown, the successor of Duncan Energy, have submitted a report meeting the requirements and intentions of Order No. 1-75 which requires an annual status report for operations in the Adena J Sand Unit. Attached is the <u>report of year 2001 operations</u>.

Private Property/Oil and Gas Development Seminar

The Colorado Association of Soil Conservation Districts (CASCD) is planning to conduct another Private Property/Oil and Gas Development Seminar at the Brighton Recreation Center on February 21, 2002 starting at 5:30 p.m. Approximately 100 people, including DJ Basin surface owners, representatives of the City of Ft. Lupton, and other interested citizens, attended the seminar, which was previously held in Ft. Lupton on October 4, 2001. One of the primary topics of interest raised during the discussion was the concern by surface owners about potential conflicts on lands being developed for oil and gas that are also being considered for future residential subdivision development. The CASCD has invited COGCC and industry representatives, along with a representative of surface owners and a soil conservation specialist to make presentations and participate in a panel discussion. Deputy Director Brian Macke is planning to make a presentation at the seminar along with local Weld County Inspector Linda Pavelka and Environmental Protection Specialist Randall Ferguson.

IV. SOUTHWEST COLORADO

3M Monitoring Wells Update

Staff has drilled four (4) monitoring wells at three (3) different sites (Basin Creek, South Fork of Texas Creek and Beaver Creek Ranch). Staff has installed the pressure transducers, data loggers, and telemetry equipment in the four (4) wells. An additional five (5) wells will be drilled to complete the monitoring well project when the drilling contractor obtains additional well control equipment.

A meeting of the 3M Technical Peer Review Team was held on January 25, 2002 at the US Bureau of Land Management Office in Durango. Monitoring well data was provided to the participants.

V. <u>SOUTHEAST COLORADO</u>

" Raton Basin Project

Phase III of the Raton Basin Project began in December. The Seacrest Group won the bid for the final phase of the study. The third phase consists of sampling water and gas from one hundred (100) water wells in the Raton Basin. The composition of the water and the gas from the water wells will be compared to the gas wells that were sampled in Phase IV.

VI. ENVIRONMENTAL ISSUES

Quarterly WQCC/WQCD/COGCC Meeting

Future meetings of the Water Quality Control Commission, Water Quality Control Division, and COGCC will be held on a semi-annual basis. The next joint meeting is tentatively planned for March 11 or 12, 2002.

VII. ORGANIZATION

Staff Organization

Our <u>current organization chart</u> is attached.

VIII. PLANNING/ADMINISTRATION/OTHER

2001 Outstanding Oil & Gas Operations Awards

The deadline for nominations for the COGCC 2001 Outstanding Oil and Gas Operations Awards is May 17, 2002. This will be the 6th year of this very successful program that recognizes extraordinary efforts of oil and gas operators in a variety of categories. It is planned that the awards will be presented at the COGA Rocky Mountain Natural Gas Strategy Conference in August of this year. All parties are encouraged to provide nominations by the deadline. We will be submitting a list of nominations to the Commissioners for your approval after the nomination deadline. Attached is the <u>nomination</u> form for the awards.

NGPA Well Determination Process Resumed

On October 1, 2000, the COGCC began accepting applications for determination of coal seam gas and tight formation gas for wells spudded after December 31, 1979 and before January 1, 1993 for which determinations were never requested. In addition, applications may be filed for determination for wells recompleted for coal seam gas and tight formation gas commenced after January 1, 1993, in wells drilled after December 31, 1979 and before January 1, 1993 for which determinations were never requested. Further, gas producers may wish to file applications with the COGCC seeking designation for new tight formation areas previously undesignated.

Operators must submit FERC Form 121 and the COGCC Form along with the required materials to the COGCC for processing for well determinations. FERC Form 121 is available in hard copy at the COGCC. The COGCC form is available on the website by clicking on "Natural Gas Category Determination". Additional information is available on the website including a list of tight formation area designations and a list of all previously approved well determinations provided by the FERC. To date, 586 applications have been filed and processed, with 511 sent to FERC recommending approval. A regularly updated listing of all applications received and their status is available on our website at http://cogcc.state.co.us/info/NGPA/ngpa_determination.htm. For additional information, contact Tricia Beaver at (303) 894-2100 x115 or *tricia.beaver@state.co.us*.

Penalties Status

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Attached is a <u>revised table</u> showing the status of penalties paid and penalties pending collection. COGCC staff is working closely with State Central Collections to attempt more timely collections.

March Hearing Docket

A preliminary <u>docket</u> for the March 18th hearing has been provided. Hearing dockets are updated on the COGCC website by clicking on "2002 Hearing Schedules, Dockets, Agendas and Minutes".

Monthly Report of Operations - Form 7

Beginning with the January 2002 Monthly Report of Operations, due March 15, 2002, the COGCC will require all production reports to be submitted either in hardcopy on the new Form 7 or electronically. The new Form 7 can be identified by the four black squares on the corners of the form. The squares are reference data blocks which are utilized by a software package to optically resize the form to allow for computer conversion of the data; this will eliminate manual data entry of paper forms. The COGCC website has these forms in PDF and JPG formats for downloading and printing. The form is letter size (8.5" x 11") and the PDF form can be completed on a computer and then printed. Adobe Systems, Inc. sells Acrobat Approval (<u>http://www.adobe.com/store/products/acrapproval.html</u>) for \$39. This application allows the data to be saved to a computer. In the very near future, the PDF may be completed and submitted online to be automatically uploaded to the COGCC database.

Well Log Imaging

The division's open hole well log electronic imaging project approved for the fiscal year 2000/2001 budget is completed. The goal of this project was to image all of the historically submitted well logs. A total of 100,707 well logs have been scanned.

Internet viewing of the logs follows the procedure outlined in the "Tiff Image Viewing Information" document on the COGIS main menu at *http://cogccweb.state.co.us/*. Additional information will be added to the document as we gain experience. Viewing the logs is very memory intensive; it is best to save the document to your hard disk and then open it later.

The imaging system has been reconfigured to provide better access time and additional storage capacity. Additional traffic and the time taken to download the well logs appears to be causing some performance problems with the images on the Internet. On Friday, January 25, 2002, the server that stores the images was replaced with a newer and faster machine. We have seen some performance gains but due to the size of the well log files downloading remains slow.

Image Indexing and Data Cleanup

Image Indexing is a new COGCC project for fiscal year 2001/2002. The goal of Image Indexing is to go through all imaged documents to input the name and received date of each document for easy selection of a desired document image. This will greatly enhance the functionality and decrease the time needed to select any document image. Over 12,000 of the 63,000 well files have been fully indexed and rescanned where necessary. There are currently five people working full time on the project.

The goal of Data Cleanup is to review well file records to verify and update all records in the new database supplying information that was not migrated or available in the old database system. This project will require multiple levels of temporary staff to insure that the data quality meets the desired outcome. The Data Cleanup started the last week in January with the completion of the update tools; the processes and procedures documents are completed and being tested. There are three people working on this project and one more technical person is being sought to complete the staffing.

Production Reporting by E-mail

There are currently more than 80 operators reporting electronically, accounting for 80.6% of the production reported in the month of October 2000. This is an increase of twenty operators, or 7.3% of production reports, since June of 2000. This significantly reduces the manual data entry volume. Thank you to all of the operators who are reporting electronically.

Sharon Tansey has been distributing an Excel spreadsheet that lays out the electronic format for the production report. Electronic submission may be made by e-mail attachment to *ogcc.eforms*@*state.co.us*, or by mailing a 3.5-inch diskette or CD. To assist operators in understanding the new production reporting form, the codes used on the form, and the data format for reporting electronically, COGCC staff has prepared a document titled "Monthly Report of Operations, Form 7 Specifications". This document is available on the COGCC web site at *http://www.cogcc.state.co.us/documents/*, or from the COGCC office. Questions should be directed to Sharon Tansey at (303) 894-2100 x128.

Electronic Levy Reporting

Levy reporting was suspended for the first and second quarters of 2001. Reporting resumed for the third quarter of 2001. The new form and the electronic reporting format are available for download from the web at *http://cogcc.state.co.us/forms.html*. Please contact Sharon Tansey at (303) 894-2100 x128 with questions concerning new format requirements.

Data Entry

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The volume of data entry has increased significantly over the past year. With the current oil and gas prices, we are seeing an increase in drilling and completion activities and the 1999 production reporting requirements significantly changed the number of lines of data submitted. In addition, the new COGIS database allows for storage of a more complete data set than the previous database for wells and other oil and gas operations. In order to facilitate faster turnaround time of approvals and earlier data access to submitted data, all operators are being encouraged to submit their production and levy reports electronically. The COGCC is exploring ways to make forms available for submission on the Internet so that all forms can be submitted electronically.

All operators who are generating paper reports for Levy and Monthly Report of Operations from their computers are requested to submit the data electronically.

Colorado Oil and Gas Information System (COGIS)

The COGCC information system has been named the Colorado Oil and Gas Information System (COGIS). COGIS is made up of the database management system, the Geographic Information System (GIS) and the document imaging system. All of these

systems are available on the Internet and in the public room.

The database application consists of a form processor that stores entered data for review by appropriate technical staff for quality control and compliance. Data access is provided by an online query to view individual records on the computer screen. Reports are being developed to provide access to multiple record data sets.

The GIS is made up of two parts. The plat mapping tool spots wells, pits, and other associated facilities. The Internet available GIS tool is the Autodesk Mapguide application that displays statewide data including wells, pits, land ownership, spacing, surface water, surface geology, municipalities, roads, etc. Autodesk Mapguide allows for zooming, panning, printing and redirection to the database queries.

The document imaging system contains digital images of all paper records of the COGCC. The historical records, including well logs and oversize hearing exhibits, are available on the Internet. The impact of these new systems substantially affects the processes that COGCC staff uses to complete its work. Work continues on program fixes (bugs), training, documentation, and modifications to the workflow to fit the new methods of data processing. As these issues are worked through, delays in form approvals and data distribution experienced by COGCC customers should be resolved. Data migration and cleanup continues. Although this will be a long-term project, the results will be well worth the effort.

Geographic Information Systems (GIS)

The current GIS project involves inputting spacing orders to show the cause number, unit size and well density of any given area, accurate to the section level. This will enable the reviewer to know which orders should be consulted for further detail. This is a large project that will take quite a while to complete. The data will begin showing up on the Internet as each spaced area is finished, beginning in southwest Colorado and working clockwise around the state.

A new tool has been made available that allows a user to draw a radius from a chosen point and select all the wells within that radius. After selection a report can be generated showing the completed intervals and the status for the wells within the radius.

COGCC on the Internet

The COGCC continues to expand its Internet presence at *www.cogcc.state.co.us*. Access to the COGIS database, GIS, Document Images and Commission orders are available via the "Info Systems" button on the COGCC homepage. Commission orders may also be accessed from the homepage.

We continue to redesign our web pages to provide improved customer service. The public is invited to leave comments or suggestions for improvements of the COGCC Internet site.

Customer Feedback on Web Site

The comments we receive are encouraging and continue to deliver the message that we are on the right track in providing our customers with the right product. Our goal is to continue to improve the website and the data contained within.

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COGCC FY 02-03 Budget Change Requests

The COGCC has prepared three requests for changes to the base budget for FY 02-03 that has been reviewed by the Department of Natural Resources and has been placed on the Department's change request priority list. The following are the FY 02-03 COGCC budget change requests:

Permit Coordinator / Conflicts Ombudsman

\$128,704, 1.0 FTE

This request is for funds from the Severance Tax Operational Account for the following two purposes: 1) to provide funding for a Conflicts Ombudsman, using an existing FTE, to address and resolve conflicts that have arisen between oil and gas developers, surface users, and local governments, and to respond to inquiries from the media that have increased substantially with the dramatic increase in the number of drilling permit applications over the past two years, and 2) to provide a new FTE and funding for a Permitting Coordinator to address the increasing well permitting workload.

Data Clean-up Project, Year 2

\$126,415, 0 FTE

This request is for funds from the Severance Tax Operational Account to review, verify and correct data files migrated from COGCC's old computer system to the new computer system, COGIS (Colorado Oil and Gas Information System). These files include 12,000 of the 22,000 active and recently plugged oil and gas wells and 34,000 older historic plugged and abandoned wells. The first year (FY 02) portion of this project was approved by the legislature last year.

• <u>Remote Staff Decision Support</u>

\$112,134, 0 FTE

This request is for funds from the Severance Tax Operational Account to provide 14 field workstations for COGCC field engineers, inspectors and environmental protection specialists. These workstations will provide a state of the art system that will allow the COGCC field staff to make better informed decisions more rapidly on location at oil and gas operation sites. The workstations will consist of portable laptop computers equipped with database and office software, modems for communication via either land or cellular phone lines, printers, digital cameras, and global positioning systems (GPS). The workstations will increase efficiency and data accuracy of the field staff by allowing field inspectors to enter inspection data on location, as well as allowing field staff immediate access to current information on oil and gas operations while on site. This access to current information will recover time currently being lost by both the field staff and Operations. This time recovery is urgently needed to address the workload associated with the increasing amount of oil and gas development activity in Colorado.

The MEGA Board reviewed the budget change requests during their June 2001 meeting. The change requests have been approved by the Information Management Commission and the State Office of Planning and Budgeting, and are currently under

review by the Joint Budget Committee.

Local Government Information

The new local government program is now available on the COGCC website. Letters (approximately 300) were sent to all Colorado counties, cities, towns, municipalities and special districts advising them of the site, along with a new Local Governmental Designee form for those local governments who wish to participate under Rule 214. To date, 115 forms (43 counties and 72 cities) have been returned with 100 (42 counties and 58 cities) wishing to participate as Local Governmental Designees. To access the local government information, go to the COGCC website at *www.cogcc.state.co.us* and click on the "Local Government" button. At the Local Government Search screen a local government name may be entered and searched for approved permits, pending permits, operator changes and plugged wells within that governmental area. In addition, statewide searches for the same information may be conducted from this screen. There are links to the hearing schedule, COGIS and the current list of participating Local Governmental Designees.

Commission Policy for Plugged and Abandoned Wells and Exploration and Production Waste Encountered By Surface Development Projects

At its December 3, 2001 hearing, the Commission adopted a Policy for Plugged and Abandoned Wells and Exploration and Production Waste Encountered By Surface Development Projects. The policy requires that either the surface developer or its designee be registered as an operator in the state and provide financial assurance to ensure the proper final re-abandonment of the well. The policy specifies requirements for notice to the previous well owner and approval from COGCC staff of the operational procedures to cut off and re-abandon prior to conducting operations. The policy also specifies requirements for the remediation of exploration and production waste encountered during surface development activities including reporting, sampling and analysis, and remediation workplans. The policy is available on the COGCC website under "Rules and Regulations".

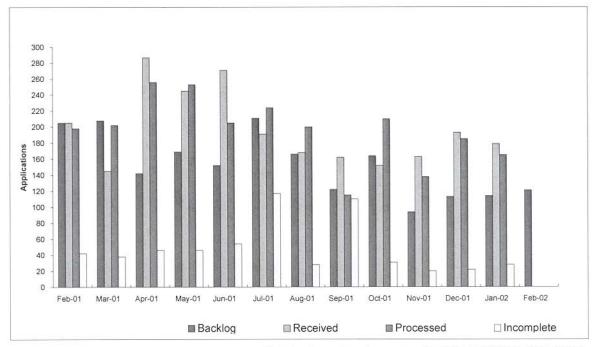
IX. VARIANCES

None were granted this month.

Colorado Oil & Gas Conservation Commission Monthly Breakout of Drilling and Recompletion Permits

	Backlog	Received	Processed	Withdrawn	Rejected	Incomplete	In-Process	Remaining
Drilling								
Feb-01	194	195	193	4	0	40	152	192
Mar-01	192	137	192	8	0	34	95	129
Apr-01	129	275	241	3	0	44	116	160
May-01	160	238	245	8	0	44	101	145
Jun-01	145	257	193	7	0	52	150	202
Jul-01	202	182	217	12	0	107	48	155
Aug-01	155	151	178	12	0	25	92	116
Sep-01	116	149	109	5	0	108	43	151
Oct-01	151	144	202	11	0	30	52	82
Nov-01	82	155	122	6	0	19	90	109
Dec-01	109	188	182	7	0	22	86	108
Jan-02	108	176	161	7	0	26	90	116
Feb-02	116	0	0	0	0	0	0	116
Recompletion								
Feb-01	11	10	5	0	0	2	14	16
Mar-01	16	8	10	1	0	4	9	13
Apr-01	13	12	15	1	0	2	7	9
May-01	9	7	8	1	0	2	5	7
Jun-01	7	14	12	0	0	2	7	9
Jul-01	9	9	7	0	0	10	1	11
Aug-01	11	17	22	0	0	3	3	6
Sep-01	6	13	6	0	0	2	11	13
Oct-01	13	8	8	1	0	1	11	12
Nov-01	12	8	16	0	0	1	3	4
Dec-01	4	5	3	0	0	0	6	6
Jan-02	6	3	4	0	0	2	3	5
Feb-02	5	0	0	0	0	0	0	5
Total								
Feb-01	205	205	198	4	0	42	166	208
Mar-01	208	145	202	9	0	38	104	142
Apr-01	142	287	256	4	0	46	123	169
May-01	169	245	253	9	0	46	106	152
Jun-01	152	271	205	7	0	54	157	211
Jul-01	211	191	224	12	0	117	49	166
Aug-01	166	168	200	12	0	28	95	122
Sep-01	122	162	115	5	0	110	54	164
Oct-01	164	152	210	12	0	31	63	94
Nov-01	94	163	138	6	0	20	93	113
Dec-01	113	193	185	7	0	22	92	114
Jan-02	114	179	165	7	0	28	93	121
Feb-02	121	0	0	0	0	0	0	121

Incomplete are permits that have missing or inaccurate data and cannot be approved.



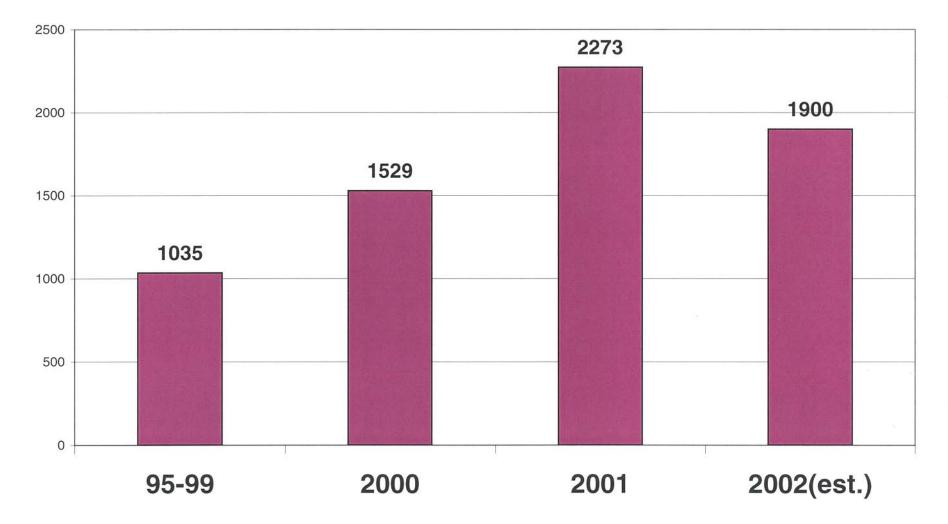
Backlog = Incomplete + In-process = Remaining permits from previous month

Colorado Oil Gas Conservation Commission Monthly Statistics

		Baker -				Pern	nits					Unedited				Well
YEAR	MO	Hughes	Drilling		Recom	pletion	Injec	tion	Pi	ts	Active	Historic	Public Visits		ts	Oper
		rig count	Apvd	Rcvd	Apvd	Rcvd	Apvd	Rcvd	Apvd	Rcvd	Wells	Records	Data	Office	Internet	Change
1999	Total		1010	1057	86	87	10	7	158	146			1624	2840	15239	2186
2000	JAN	18	71	99	7	7	0	0	3	6			140	92	3025	291
	FEB	17	114	152	16	22	2	2	16	15			123	126	3432	245
	MAR	18	116	130	17	12	1	1	5	17			126	172	3611	192
	APR	18	103	133	4	3	2	2	5	54	21989		108	169	3219	357
_	MAY	17	129	128	14	17	0	1	71	34	22098		131	218	3664	158
	JUN	16	122	198	14	20	0	0	18	10	22103		106	117	3391	394
	JUL	19	148	123	9	6	4	8	35	30	22190		100	172	3384	225
	AUG	16	107	154	7	16	1	0	22	40	22247		103	75	3759	198
	SEP	16	138	140	37	34	1	4	51	37	22175		66	208	4941	348
	OCT	19	155	145	11	13	0	0	42	22	22224		99	205	4863	294
	NOV	22	135	181	7	10	1	1	51	34			82	155	4704	183
	DEC	24	191	162	9	14	0	1	9	6	22228		80	135	4143	217
2000	Total		1529	1745	152	174	12	20	328	305			1264	1844	46136	3102
2001	JAN	26	203	217	48	40	4	1	26	8	22240		89	136	6974	278
	FEB	29	193	195	5	10	0	0	16	18	22225		75	113	4900	509
_	MAR	26	192	137	10	8	0	1	3	41	22487		78	107	6448	200
	APR	32	242	275	16	12	1	2	4	5	22714		87	143	6110	691
	MAY	36	241	238	8	7	0	2	0	7			72	157	6693	537
	JUN	36	194	257	12	14	2	3	10	49	22712		65	106	6090	656
	JUL	35	216	182	8	9	4	2	23	3	22742		81	116	10473	480
	AUG	37	177	151	22	17	3	4	25	18			67	75	12727	1272
	SEP	38	108	149	6	13	2	0	83	27	22795		60	69	10416	119
	OCT	36	201	144	8	8	3	2	2	3	22824		84	105	11943	194
	NOV	33	123	155	16	8	0	0	17	21			63	78	11542	145
	DEC	24	183	188	3	5	2	1	25	40	22879		104	101	10508	146
2001	Total		2273	2288	162	151	21	18	234	240			925	1306	104824	5227
2002	JAN	25	161	175	3	4	2	0	43	23	22873		73	95		90
2002	Total		161	175	3	4	2	0	43	23			73	95	0	90

COLORADO DRILLING PERMITS 1995-2002

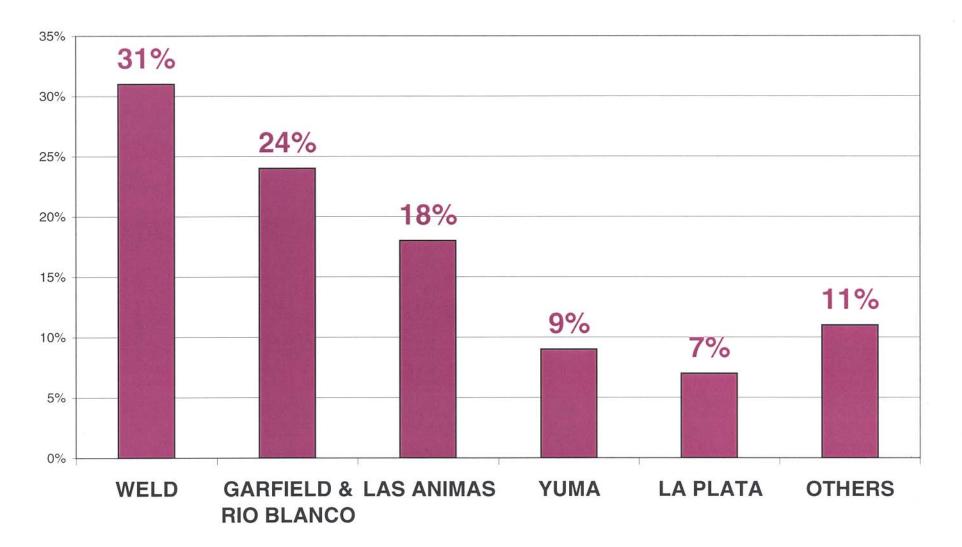
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Colorado Oil Gas Conservation Commission Monthly Statistics

				Bonds												Reme	diation	
YEAR	MO	Operators		Release			Cla	aim	Hea	rings	Vi	olations	\$			Pro	jects	Field
		New	Inactive	Ind.	Blnkt	Replace	Ind.	Blnkt	Apps.	Order	NOAV	AOC	OFV	Cmplt	Spills	Rcvd	Comp	Insp
1999	Total	55	41	45	25	61	1	2	31	36	196	8	12	123	211	83	24	7627
2000	JAN	4	8	3	6	5	1	0	1	1	34	0	1	8	36	5	0	782
	FEB	7	5	7	0		0	0	1	3	10	6	4	38	22	9	2	731
	MAR	4	6	6	2	3	0	0	5	2	15	0	0	24	27	17	10	638
	APR	5	12	11	4	2	0	0	6	4	15	0	0	29	22	12	8	674
	MAY	7	11	10	4		0	0	1	1	45	0	0	27	22	9	6	846
	JUN	5	8	5	5	7	0	0	1	1	39	0	0	41	21	12	16	413
	JUL	10	7	6	3		0	0	5	7	26	2	0	11	26	18	11	739
	AUG	7	10	8	2	7	0	0	0	0	26	0	0	9	23	14	15	653
	SEP	10	7	3	7	2	0	0	0	0	15	2	0	10	17	20	31	593
	OCT	7	10	4	7	4	0	0	14	7	6	2	2	23	20	15	20	489
	NOV	6	5	2	5	6	1	0	NA	NA	8	NA	NA	16	34	12	13	658
	DEC	4	0	0	0	6	0	0	13	9	5	1	0	10	13	2	8	481
2000	Total	76	89	65	45	55	2	0	47	35	244	13	7	246	283	21	140	7697
2001	JAN	7	8	6	3	10	0	0	12	8	14	1	0	9	35	15	8	718
	FEB	6	2	3	1	3	1	0	2	4	9	1	0	10	7	4	19	791
	MAR	5	3	6	0		0	0	2	3	4	1	0	9	11	12	4	838
	APR	8	7	2	0	12	0	0	9	7	57	2	0	14	14	4	7	539
	MAY	7	4	2	4		0	1	1	3	7	0	2	29	17	13	23	750
	JUN	7	9	0	5	4	0	0	NA	NA	9	NA	NA	16	17	9	8	408
	JUL	5	2	1	2		0	0	9	7	15	4	0	12	16	5	10	575
	AUG	4	6	1	3	10	0	0	4	3	25	0	0	44	19	3	3	758
	SEP	10	8	7	4		0	0	2	NA	41	0	0	13	20	8	10	307
	OCT	5	6	5	3		0	0	5	4	40	0	0	19	17	7	11	710
	NOV	5	0	0	0	12	0	0	NA	NA	13	NA	NA	19	12	6	8	377
	DEC	8	2	0	3	10	1	0	7	1	17	0	0	13	14	1	9	327
2001	Total	77	57	33	28	104	2	1	53	40	251	9	2	207	199	87	120	7098
2002	JAN	7	9	3	3	6	0	0	6	7	8	1	2	4	13	4	0	178
2002	Total	7	9	3	3	6	0	0	6	7	8	1	2	4	13	4	0	178

% OF 2001 DRILLING PERMITS BY COUNTY 1/21/02



GRAND JUNCTION, COLORADO JANUARY 28, 2002

Natural gas drilling takes toll on people, animals By MIKE McKIBBIN The Daily Sentinel

Krys Moquin thought she had seen the last drilling rig six years ago.

That's when the foxes, raccoons, rabbits, Great Horned owls and other animals she cares for at her nonprofit Animals 2-by-2 refuge were affected by the vibrations and noise of natural gas development.

Yet last December, Moquin and her animals — some are injured and can't be returned to the wild, others she obtained from fur farms — watched as two more wells were drilled from the same well pad on her neighbor's property, five miles south of Silt.

"If they had told me six months ago they were going to do this, I would have moved somewhere else," Moquin said.

Last week, crews with CalPine Natural Gas Co. returned to start fracturing and flaring. They were to continue that today, Moquin said Friday.

Fracturing involves forcing gelatinous liquid and sand down the

See WELL, page 5A >



KRYS MOQUIN STANDS WITH HER ANIMALS below where natural gas is being extracted near her home. Below, one of Moquin's rescued foxes prowls the ranch that was its refuge.

Oil, gas commission criticized

By MIKE McKIBBIN The Daily Sentinel

Since 1990, the Colorado Oil and Gas Conservation Commission has used its rulemaking procedures 48 times, mostly for technical changes.

Two Garfield County residents recently affected by natural gas well drilling criticized the commission for not requiring operators to notify neighbors of such activity. Similar complaints have been made in the past, and improved communication with neighboring property owners is one of the chief concerns of the Grand Valley Citizens Alliance, a western Garfield County grass-roots organization.

Among the rules changes were procedures for local public forums, which Garfield County, the alliance and area property owners used two years ago to protest a 20-acre gas well spacing plan by Barrett Resources, now Williams Production.

CHRISTOPHER TOMLINSON/The Daily Sentinel

Last August, the county commissioners and the citizens alliance argued against further changes to the public process they felt would hamper local input.

Conservation Commission Deputy Director Brian Macke

Sand mis ma mo dem ura cizz

WELL: Gas is allowed to escape to the surface

> Continued from Page One

well. The fluid causes fractures, and the sand holds the cracks open to allow the gas to escape to the surface. The process takes a few hours and is followed by several days of burning off the "bad" gas.

Meanwhile, Dale Carson's back "buzzed with electric overstimulation" last fall when a well was drilled about 1,000 feet away from her apartment in the Parachute Senior Housing Center. Carson, 56, has a compressed spinal cord and is sensitive to vibrations.

"I want to find a place where this will never happen again," she said.

Both women believe the rules and regulations that govern natural gas development do not protect those most affected, since they do not require any formal notice of a new well to neighbors.

In 1995, Vessels Oil and Gas Co. drilled a well about 200 feet from Moquin's five-acre property, where she has kept her animals for 14 years. Then, Moquin said she lost her entire breeding colonies of mice and rabbits. She feeds them to the owls and a Burmese python snake.

"It took me seven years to get the mice colony back up," she said.

Two weeks after the latest drilling, her entire rabbit litter died, she said.

Vessels was acquired by Snyder Oil Co., which in turn was bought by CalPine.

Moquin asked each company to build a 10-foot wooden fence to shield her animals, to restore a fence line to its original position and for early notification of well fracturing, flaring and heavy traffic. Moquin said she didn't sleep much during the monthlong drilling with constant noise and lights. After that, she said she could only sleep for four or five hours because she didn't know when the heavy trucks would return to begin the fracturing.

Moquin said her 12-foot-deep water well went dry Dec. 14, shortly after CalPine completed drilling.

"It's only done that one other time in the last 10 years," she said. "It just seems pretty coincidental it happened then."

Last week, CalPine offered to help pay for repairs to the well. In the meantime, Moquin hauls in 800 gallons of water every three days.

CalPine senior landman Jerry Sullivan visited Moquin in December. He felt CalPine had done what it could.

"We believe her fence is in the right place, and we will place the (fracturing) tanks in a circle to help create whatever sound barrier might help her and the animals," Sullivan said.

He said gas operators are not required to make improvements to adjacent property, such as Moquin's requested fence.

"This is really not an atypical landowner/company situation where the landowner doesn't get much benefit from the well," Sullivan said. "And because of her proximity to the well, she feels more noise and sight impacts than other neighbors. But CalPine likes to think we operate beyond the laws and regulations, and I think we did that in this case."

With Moquin's past experience and the latest drilling, Sullivan said CalPine would "flag" her property to better inform her of any more activity. Carson moved to Parachute 4½ years ago and said she was not aware of the high level of natural gas development at that time.

"I didn't understand what it meant to me."

Still, she did not file a complaint while the Parachute well was drilled.

"What's the use?" Carson said.

The Colorado Oil and Gas Conservation Commission received nine complaints from area residents in the last quarter of 2000. None of those came from Parachute senior citizens, said Deputy Director Brian Macke.

Carson said since the drilling, she takes anti-convulsants to keep her back muscles under control.

"I don't think they should put these within miles of people who have medical conditions," she said. "I don't want to live my life like I'm being assaulted. My quality of life has been hurt, too."

Sullivan recently told Moquin of plans to drill a third well in about six months. In 1995, Moquin hired an attorney to try to stop Vessels. This time, she might try to seek an injunction and planned to contact the American Civil Liberties Union.

"Who's going to buy this property now?" Moquin asked last week, as she gazed out her window at the crews beginning the fracturing process.

Temporarily relocating the animals "would stress them out even more," she said. "Plus I have nowhere else to take them. There aren't too many operations like this."

"I feel like I'm fighting for my life here, and the lives of my animals. If they come back in another six months and I have to go through this whole nine yards again, it's gonna take its toll."

COMMISSION: Agency requires 30-days notice

Continued from Page One

said the rule-making process can take several months, with hearings before the commission and other requirements.

Macke explained the agency requires 30-days notice to surface owners when a new well is to be drilled. Producers must also post a notice on the property a month before drilling and inform the local governmental designee. That person is sent copies of new permits.

"Then there's a seven-day waiting period for the local designee to respond to each permit," Macke said. "Counties can also ask for more notice to adjacent neighbors than just a sign."

However, Garfield County has no such requirement.

Macke said it would be "problematic" to change the rules to require gas companies to notify neighbors of a new well.

"Where do you draw the line?" he asked. "Is it a mile away where someone might be affected by the trucks going up and down a county road? Or is it someone who's several hundred feet away? We feel the industry has been generally effective in resolving these types of concerns with a goodneighbor approach." January 29, 2002

Colorado Oil & Gas Conservation Commission Attn: Mr. Morris Bell 1120 Lincoln Street, Suite 801 Denver, CO 80203

BABCOCK &

Denver New York Greenwich Hartford Dublin Madrid London Paris Milan Munich Vienna Johannesburg Kuala Lumpur Shanghai Tokyo Melbourne

Re: 2001 Annual Status Report Order No. 1-75 dated 03/09/98

Dear Mr. Bell:

Per the subject order, as amended to reflect our 04/13/99 proposal, Babcock & Brown Energy Inc. ("BBE") submits this Annual Status Report for the year 2001. As you know, BBE is the predecessor to its former affiliate, Duncan Energy Company.

B

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RECEIVED

COGCC

Chemical injection at the Adena J Sand Pilot Area began in earnest during 2001. By year end, 440,000 barrels of injectant had been introduced to the reservoir. An additional 120,000 barrels will be injected in early 2002, to be followed by an indefinite amount of produced water flush. To date there has been no oil production response witnessed in the pilot producers, and no signs of early chemical breakthrough.

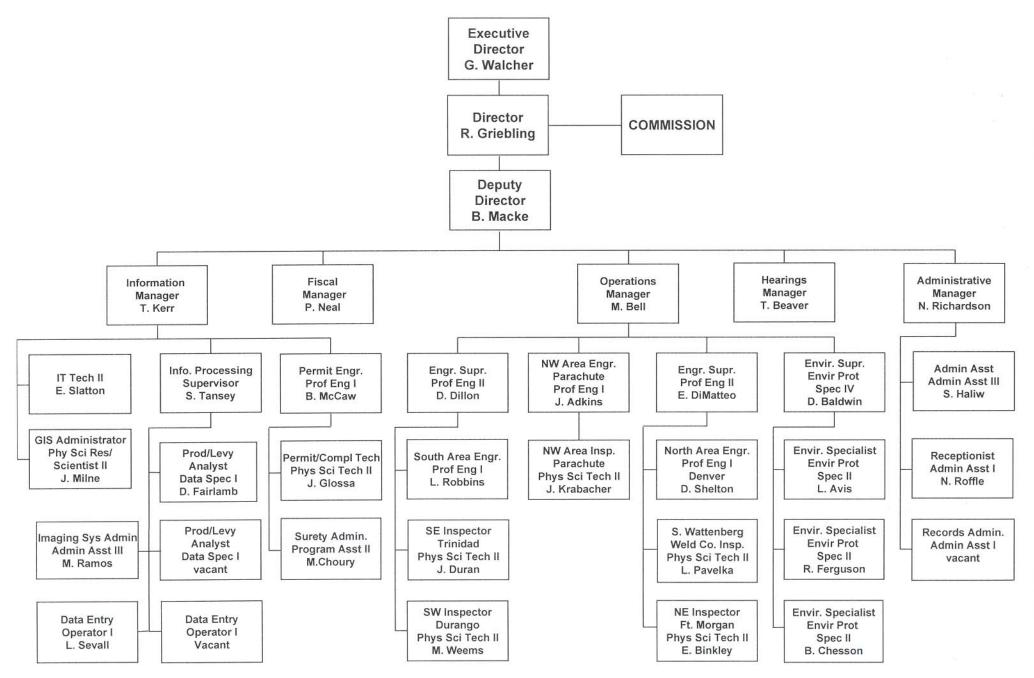
Elsewhere, among the other "Monahan Properties" considered in the subject order, failed integrity testing led to the abandonment of nine wellbores during the latter half of 2001. To the extent idle wellbores exhibit competent downhole condition, they remain shut-in; inasmuch as the economic viability of any future tertiary recovery operation in these smaller fields will rely on the availability of such wells.

With the mechanical challenges of 2000 behind us, and chemical injection largely completed in 2001, the focus in the coming year should turn to the evaluation of the pilot results themselves. We of course realize how important this project could ultimately be for the State of Colorado, and thank you for your continued support. Should you have any additional questions, please call.

Yours very truly, Van Z. Spence Vice Pr dent

cc: Mr. Howard Fredrickson Monahan Consultant

COLORADO OIL & GAS CONSERVATION COMMISSION ORGANIZATION



Version 57 - 1/3/2002



COLORADO OIL & GAS CONSERVATION COMMISSION 2001 OUTSTANDING OIL & GAS OPERATIONS AWARDS

CALL FOR NOMINATIONS

(Due May 17, 2002)

Exploration CATEGORIES: Water Quality Protection **Production Enhancement** Surface Owner Impact Mitigation Enhanced Recovery Noise Impact Mitigation New Technology Application Visual Impact Mitigation Well Completion/Stimulation Reclamation Horizontal Drilling E & P Waste Management Local Government Coordination **Optimization & Cost Reduction** Pipeline/Gathering System Projects **Community Relations Environmental Protection**

no Other categories selected by the Commission 🐝

PROCESS:

- Nomination Any oil & gas operator or other interested stakeholder may nominate a 2001 Outstanding Oil & Gas Operation by submitting the below nomination form to the COGCC, Attention Brian Macke, 1120 Lincoln Street, Suite 801, Denver, CO 80203, no later than May 17, 2002. Some phase of the nominated operation should have occurred in 2001.
- <u>Review</u> COGCC staff will review all nominations, collect relevant data, make field inspections as appropriate, and provide comments to the Commission by June 3, 2002.

<u>Selection</u> The Commission will coordinate selection of award recipients by July 12, 2002.

<u>Presentation</u> Awards will be presented by the Governor or a Governor's Representative.

NOMINATION FORM

COMPANY:	
ADDRESS:	
CONTACT PERSON:	PHONE:
OPERATION LOCATION:	
OPERATION DESCRIPTION: (attach detailed narrative, photo, diagr	rams, data and other appropriate information)

PENALTY PAYMENT STATUS

UPDATED:

02/01/02

I. Penalties Assessed/Paid

	Number of	\$ Amount of	Number of	\$ Amount of	Number of	\$ Amount of	Number of	
scal Yea	cal Year Orders Issued Penalties Assessed		Orders Paid	d Penalties Paid	Orders Waiv	ed Penalties Waived	Orders Paid Through Collections	
		*22.000		\$32.300	0	\$0	n/a	
90-91		\$32,300	4		0			
91-92	2 0	\$0	0	\$0	0	\$0	n/a	
92-93	6	\$10,000	2	\$6,500	0	\$0	n/a	
93-94	12	\$263,608	7	\$105,000	0	\$0	n/a	
94-95	5 10	\$83,817	4	\$21,805	4	\$139,000	n/a	
95-96	29	\$238,250	19	\$154,000	3	\$20,750	n/a	
96-97	13	\$79,500	8	\$29,500	0	\$0	n/a	
97-98	30	\$140,500	22	\$74,750	0	\$1,000	n/a	
98-99	19	\$74,000	18	\$66,500	2	\$25,000	n/a	
99-00	23	\$110,500	12	\$59,460	0	\$3,000	2	
00-01	18	\$85,500	16	\$30,500	0	\$6,000	0	
01-02	2 4	\$13,000	5	\$23,000	0	\$0	0	
Totals	168	\$1,130,975	116	\$593,315	9	\$194,750	2	

II. Penalties Pending Collection

Order	Date	Violating	Penalty			Referred to
Number	Issued	Entity	Assessed	Violations	Status	Central Collections
1V-58	03/15/93	Gear Drilling Company	\$2,000	Rule 305, 319.a.(2)		Yes
1V-73	08/23/94	Western Oil Company	\$2,500	Rule 317.a.8.	Work completed per order	Yes
1V-82	06/19/95	Joseph V. Dodge	\$14,000	Rules 210.b., 305., 307., 317.b.(3), 604.a.(4)	Bond forfeited 11/01/95	Yes
1V-93	11/21/95	Tipps Drilling Co.	\$60,000	Rules 604.a.4., 902.e.&f.	\$30,000 bond claimed 11/96/penalty unpaid/No assets.	Yes
1V-110	05/21/96	Kana Resources, Inc.	\$3,500	Rules 303.a., 306., 317.b.1.	AOC negotiated	Yes
1V-114	09/04/96	Mr. Jim Snyder	\$10,000	Rules 308., 317.i., APD	District Court decision entered/\$10,000 bond claimed 12/96/	Yes
1V-124	07/01/97	Nerdlihc Company Inc.	\$9,000	Rules 326.b.1., 319.b., 210.b.		Yes
1V-132	11/24/97	Eros, Inc.	\$24,000	Rules 319.b., 326.b.	\$30,000 bond claimed 5/98	Yes
1V-167	01/05/99	Pacific Midland Production	\$1,000	Rule 326.b.	Bond caimed	Yes
1V-170	03/25/99	Allen Oil & Gas, LLC	\$12,000	Rules 904, 905, 603.g., 906, 909.b.(2) &(5), 910	Work to be completed by July 1, 1999.	Yes
1V-173	07/12/99	J. Magness, Inc.	\$9,000	Rules 207.b., and 326.b.	Bond claimed	Yes
1V-175	08/19/99	McCormick Oil & Gas Co.	\$18,000	Rules 1004, 319.b.(3), 326.b., 206., 309.	McCormick in bankruptcy-Bond claimed	Yes
1V-177	08/19/99	Faith Energy Exploration, In	c. \$3,500	Rules 308A., 308B., 326.b.	Bond Claimed	Yes
1V-183	12/02/99	Gopher Drilling Company	\$2,000	Order No. 1C-3	Bond claimed	Yes
1V-191	02/15/00	Cascade Oil	\$1,000	Rule 326.b.(1)	Bond claimed	Yes
1V-202	11/30/00	Robert Ziegler	\$2,000	Rule 326.b.	Bond claimed	Yes
1V-202	12/19/00	Allen Oil & Gas, LLC	\$60,000	Rule 326.b., 324A.a., 904., 905., 906.b.(1), 906.e	. (Bond claimed	Yes
1V-212	05/31/01	Sierra Production	\$500	Rule 302.a.	n Mericke software of the Software of the	Yes
1V-212 1V-213	05/31/01	Caprice Oil & Gas Co.	\$500	Rule 302.a.		Yes
	Total	penalties pending collection	\$233,500			

III. Penalties Uncollectable

Order	Date	Date	Violating	Penalty		
Number	Issued	Entered	Entity	Assessed	Violations	Status
1V-56	07/20/92	08/25/92	The Meyer Oil Company	\$1,500	Rule 329, 323, 604	Penalty included in Order 1-186
1V-62	11/22/93	12/14/93	Richmond Petroleum Inc.	\$47,608	Rules 317.r., 902.g.1., 908.b., Order #112-85	District Court entered judgement. Referred to State Central Collections who recommends write-off
1V-75	08/23/94	09/23/94	The Meyer Oil Company	\$18,247	Rules 317.a.8., 305., 308., Order #1-132 & 178	No Action Taken/Penalty discharged in bankruptcy
1V-123	05/20/97	05/30/97	Planet Associates, Inc.	\$4,000	Rules 319.b., 326.b.	\$10,000 bond claimed 5/97. State Central Collections recommends write-off. Company is out of business
1V-127	08/04/97	08/13/97	Point Lookout Drilling	\$28,750	Rules 210., 308., 312 et al	\$30,000 bond claimed 9/97. State Central Collections recommends write-off
1V-134	02/09/98	03/10/98	Centennial Petroleum Inc.	\$2,000	Rules 1004., 1103.	\$30,000 bond claim commenced 3/98. Bonding co. did work/ State Central Collections recommends write-
1V-161	10/19/98	11/19/98	Black Thunder Marketing, Ir	nc.\$2,000	Rule 326.b.	Bond claim underway. State Central Collections recommends write-off
		Total unco	llectable penalties	\$104,105		

HEARING DOCKET: March, 2002

2/1/2002

Michael Wozniak

0203-GA-03

112

La Plata

NEAN	ING	DOGRET	marci	1, 2002	Page 1	2/5/200
No.	11	Applicant/Attorney or Representative	Date Rec'd	Field Formation County	Matter	Remarks
)202-AW-01	191	Calpine Natural Gas Co./ Stephen Sullivan	12/21/2001	Mam Creek Mesaverde Garfield	Request for an order to allow additional wells on the 640-acre drilling and spacing unit consisting of Section 22, Township 6 South, Range 92 West, 6th P.M.	Continued from February
)203-UP-02	112	Williams Production Co./ Daniel F. Warden	1/17/2002	Ignacio-Blanco Dakota/Mesaverde La Plata	Request to pool unleased interests in the W1/2 of Section 13, Township 33 North, Range 9 West, N.M.P.M.	
0203-OV-03	1V	Staff Recommendation	1/17/2002	Moffat	OFV-Rule 1003.d. and 1004.a., failure by John Bakos to perform final reclamation on the Bakos Farm #1 JBS Well located in the NW1/4 NE1/4 of Section 35, Township 5 North, Range 90 West, 6th P.M.	
0203-OV-04	1V	Staff Recommendation	1/23/2002	Васа	AOC-Rule 302, 304, 319.b., 709, failure by Domar Oil & Gas, Inc. to provide updated address and telephone number; failure to provide financial assurance prior to assuming the operations of a well; failure to obtain Director approval before shutting-in or temporarily abandoning a well ; failure to submit financial assurance in the amount of \$5000 dollars for the Arthur George #1 Well in the SE1/4NW1/4 of Section 22, Township 33 South, Range 43 West, 6th P.M. and Rule 302, 319.b., 326.b.; failure to provide updated address and telephone number; failure to obtain Director approval before shutting-in or temporarily abandoning a well; failure to conduct MIT for the Joe Ellis #1-14 Well located in the NE1/4 of Section 14, Township 32 South, Range 44 West, 6th P.M.	
0203-SP-08	517	Petrogulf Corporation/ Charles Carpenter	1/25/2002	Purgatory River Raton/Vermejo Las Animas	Request for an order to establish a 160-acre drilling and spacing uni consisting of the SW1/4 of Section 15, Township 33 South, Range 67 West, 6th P.M. and to pool all unleased interests.	t
0203-RM-01	1R	Commission Motion	1/31/2002	Statewide	Rulemaking to increase the charge imposed by the Conservation Mi Levy to \$0.0012 (one and two-tenths) per dollar value.	и
		J.M. Huber Corporation/	2/1/2002	Ignacio-Blanco Fruitland Coal	Request to amend the permit for the Huber #3-24 Well located in the SE1/4 SE1/4 of Section 24, Township 35 North, Range 8 West, N.M.P.M. to allow the use of the appropriate downhole pumping dovice which will maximize economic and efficient production	

device which will maximize economic and efficient production.

Prelim