Page 1 1 STATE OF NEW MEXICO ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION 2 3 IN THE MATTER OF THE HEARING CALLED ORIGINAL BY THE OIL CONSERVATION DIVISION FOR 4 THE PURPOSE OF CONSIDERING: 5 APPLICATION OF COG OPERATING LLC CASE 15291 FOR A NON-STANDARD OIL SPACING AND 6 PRORATION UNIT AND COMPULSORY POOLING. EDDY COUNTY, NEW MEXICO. 7 8 REPORTER'S TRANSCRIPT OF PROCEEDINGS 9 EXAMINER HEARING 10 2015 MAY 18 RECEIVED OCI April 30, 2015 11 Santa Fe, New Mexico 12 D E 13 BEFORE: PHILLIP GOETZE, CHIEF EXAMINER GABRIEL WADE, LEGAL EXAMINER 14 0 15 This matter came on for hearing before the 16 New Mexico Oil Conservation Division, Phillip Goetze, Chief Examiner, and Gabriel Wade, Legal Examiner, on 17 Thursday, April 30, 2015, at the New Mexico Energy, Minerals, and Natural Resources Department, Wendell 18 Chino Building, 1220 South St. Francis Drive, Porter Hall, Room 102, Santa Fe, New Mexico. 19 20 21 22 ELLEN H. ALLANIC REPORTED BY: 23 NEW MEXICO CCR 100 CALIFORNIA CSR 8670 24 PAUL BACA COURT REPORTERS 500 Fourth Street, NW 25 Suite 105

Page 2 1 APPEARANCES 2 FOR APPLICANT: 3 Gary W. Larson, Esq. Hinkle Shanor LLP 4 P.O. Box 0268 Santa Fe, New Mexico 87504 5 (505) 982-4554 glarson@hinklelawfirm.com 6 7 8 INDEX 9 CASE NUMBER 15291 CALLED 10 COG OPERATING LLC CASE-IN-CHIEF: 11 WITNESS AARON L. MYERS, JD 12 Direct Redirect Further 13 By Mr. Larson 4 14 Page 12 15 EXAMINATION BY EXAMINER WADE: Page 12 16 EXAMINATION BY EXAMINER GOETZE: 17 18 WITNESS DREW BERGMAN 19 Direct Redirect Further By Mr. Larson 13 20 21 Examination By EXAMINER GOETZE: Page 17 22 23 PAGE 19 Reporter's Certificate 24 25

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Page 4 1 (Time noted 8:24 a.m.) 2 EXAMINER GOETZE: The next case is case 15291, Application of COG Operating LLC for a 3 non-standard oil spacing and proration unit and 4 compulsory pooling, Eddy County, New Mexico. 5 6 Call for appearances. 7 MR. LARSON: Good morning, Gary Larson of 8 Hinkle Shanor in Santa Fe for the Applicant COG 9 Operating. I have two witnesses. 10 EXAMINER GOETZE: Will the witnesses please 11 stand and identify yourselves to the court reporter to 12 be sworn in. 13 MR. MYERS: Aaron Myers, Senior Landman for COG Operating LLC. 14 15 MR. BERGMAN: Drew Bergman, geologist for 16 COG Operating. 17 (Whereupon, Mr. Myers and Mr. Bergman were 18 administered the oath by the court reporter.) 19 MR. LARSON: I first call Mr. Myers. 20 AARON L. MYERS, having been first duly sworn, was questioned and 21 22 testified as follows: 23 DIRECT EXAMINATION 24 BY MR. LARSON: 25 Q. Good morning, Mr. Myers. Would you state your

	Page 5	5
1	full name for the record, please.	
2	A. Aaron Myers.	
3	Q. And where do you reside?	
4	A. Midland, Texas.	
5	Q. And by whom are you employed and in what	
6	capacity?	
7	A. Uh-huh. I work for COG Operating LLC as a senior	
8	landman.	
9	Q. And what is the focus of your responsibilities as	
10	senior landman?	
11	A. All land matters pertaining to southern Eddy	
12	County, New Mexico.	
13	Q. And are you familiar with the land matters	
14	pertaining to the application in this case?	
15	A. Yes, I am.	
16	Q. Have you previously testified at a Division	
17	hearing?	
18	A. Yes, I have.	
19	Q. And during those hearings, did the examiner	
20	qualify you as an expert in land matters?	
21	A. Yes.	
22	MR. LARSON: Mr. Examiner, I request that	
23	Mr. Myers be qualified as an expert in land matters for	
24	purposes of this case.	
25	EXAMINER GOETZE: He is so qualified.	

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1	BY MR. LARSON (cont'd):
2	Q. Mr. Myers, I direct your attention to the
3	document marked as COG Operating Exhibit No. 1. Could
4	you identify that for the record.
5	A. Yes, I can. It is an NMOC form C-102, Well
6	Location and Acreage Dedication Plat for the Graham Nash
7	State Com, No. 6H Well.
8	Q. And is the well lateral within the Division
9	set-back requirements?
10	A. Yes, it is.
11	Q. And has the Graham Nash Well No. 6 been drilled?
12	A. Yes, it has. It was spud October 6th, 2014.
13	Q. And what was COG's rationale for drilling the
14	well without a pooling order?
15	A. The rationale at the time was that we had all
16	interests covered by an operating agreement and a lease
17	for the two parties in question today. That was part of
18	the spacing unit.
19	Q. And who are the two parties to the lease?
20	A. Edwin Fowlkes III and Janet Renne Murrey.
21	Q. And did Mr. Fowlkes and Ms. Murrey receive
22	payment for the lease?
23	A. Yes, they did.
24	Q. And did you subsequently discover a problem with
25	that lease?

	Page 7
1	A. Yes. Following the spudding of the well, it was
2	discovered that there were two tracks that were subject
3	to their lease offer which was accepted that were left
4	off the lease inadvertently.
5	Q. Would you say it was a clerical error in the
6	lease document?
7	A. Yes.
8	Q. Next I ask you to identify the document marked as
9	Exhibit 2.
10	A. Exhibit 2 is an offset location map showing an
11	offsetting interest surrounding the well.
12	Q. And did you prepare this document?
13	A. Yes, I did.
14	Q. And focusing your attention on the box with the
15	heading Graham Nash State, Com No. 6 Well, are all of
16	the interest owners identified parties to the operating
17	agreement except for Mr. Fowlkes and Ms. Murrey?
18	A. Yes, that is correct.
19	Q. So Mr. Fowlkes and Ms. Murrey are the only
20	interest owners that COG seeks to pool?
21	A. Yes, they are.
22	Q. I next ask you to identify document No. 3.
23	A. Document No. 3 is our offer letter to either
24	amend the lease or participate in the well as they were
25	an unleased owner due to the clerical error where the

	Page 8
1	tracts were left off the lease.
2	Q. And did you draft and send these letters?
3	A. Yes, I did.
4	Q. And what documents did you enclose with the
5	letters?
6	A. Enclosed with the letter were a copy of the form
7	C-102, an AFE, and a copy of their previous offer letter
8	which did correctly state the tracts.
9	Q. Okay. And did you also send them a lease
10	amendment
11	A. Yes, I did. Included therewith was a form of
12	amendment for the oil and gas lease to amend the
13	existing lease and add the missing tracts.
14	Q. So you offered Mr. Fowlkes and Ms. Murrey two
15	alternatives to rectify the inadvertent error in the
16	lease?
17	A. Yes, we did. It was an offer to either amend the
18	lease or participate in the well.
19	Q. And have you communicated with Mr. Fowlkes and
20	Ms. Murrey since you sent this letter on February 26th?
21	A. Yes, I have, several times.
22	Q. And in your opinion, have you made a good faith
23	effort to rectify the lease error and obtain
24	Mr. Fowlkes' and Ms. Murrey's voluntary joinder in the
25	well?

Page 9 1 Yes, we have. Α. 2 Q. I next ask you to identify the document marked as 3 Exhibit 4. 4 Α. Exhibit 4 is the AFE covering the costs 5 associated with the drilling of the well. 0. And are the well costs identified similar to 6 7 costs incurred by COG for Bone Springs wells in the 8 area? Yes, that is correct. 9 Α. 10 Could you identify the document marked as 0. 11 Exhibit 5. 12 That is a letter of COG Operating LLC's Α. 13 application for pooling for the Graham Nash State Com 14 6H. 15 Q. And it was notification of today's hearing as 16 well? 17 Α. Yes, it is. 18 And were these letters prepared at your 0. 19 direction? 20 Α. Yes, they were. 21 And did Mr. Fowlkes and Ms. Murrey receive the 0. 22 letter notifying them of today's hearing? 23 A. Yes, they did. 24 Q. I am directing your attention back to Exhibit 2. 25 Were there any offset interests you identified

Page 10 1 who were entitled to notice of today's hearing? 2 A. Yes. They are all noted there in the boxes 3 corresponding to the offsetting well bores. 4 Q. And there is an offset operator to the north of the Graham Nash No. 6? 5 Yes, there is. 6 Α. 7 Actually everything in section 21 is covered by 8 an operating agreement. And everybody listed under the 9 box identified as the Skein 21 State Com No. 1H received 10 notice. 11 And who is the operator of that? 0. 12 Α. Operator for section 21 to the north is Mewbourne 13 Oil Company. 14 0. Would you identify Exhibit 6, please. 15 Α. Exhibit 6 is a notice of the pooling application 16 sent to Mewbourne Oil Company. 17 And did Mewbourne receive this letter? 0. Yes, they did. 18 Α. 19 0. And was the letter sent at your direction? 20 Yes, it was. Α. Do you have a recommendation for the amounts COG 21 0. 22 should be paid for supervision and administrative 23 expenses? 24 A. Yes. We would ask for the same amounts listed in 25 the current operating agreement, which would be \$6,000 a

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1	month drilling and \$600 a month producing.
2	Q. And you also recommended those rates be adjusted
3	periodically pursuant to the Copas accounting
4	procedure?
5	A. Yes, we would.
6	Q. Is COG also requesting a 200 percent charge for
7	the risk of drilling and completing the Graham Nash
8	State Com No. 6H Well?
9	A. Yes, we are.
10	Q. And is that the same risk charge set out in the
11	operating
12	A. Yes, it is.
13	Q. In your opinion, would the granting of COG's
14	application serve the interests of conservation and the
15	prevention of waste?
16	A. Yes, it will.
17	MR. LARSON: Mr. Examiner, I move the
18	admission of Exhibits 1 through 6.
19	EXAMINER GOETZE: Exhibits 1 through 6 are
20	so entered.
21	(Whereupon, COG Operating LLC's Exhibits 1
22	through 6 were offered and admitted into evidence.)
23	MR. LARSON: That is all I have for
24	Mr. Myers.
25	EXAMINER GOETZE: Any questions, Counselor?

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1	EXAMINATION BY EXAMINER WADE
2	EXAMINER WADE: What was the nature of the
3	communications that you had with Mr. Fowlkes and
4	Ms. Murrey?
5	THE WITNESS: It's been back and forth.
6	There's been e-mails. There were actually e-mails as
7	late as yesterday.
8	We kind of have been working to just resolve
9	this with the amendment. But I did let them know, you
10	know, because of the situation, we've got to get it on
11	the docket and get it pooled. But that doesn't mean
12	that that's going to be the end of it.
13	So we are actually working to get the
14	amendment done. And I am hoping to see it next week.
15	EXAMINER WADE: Okay. No other questions.
16	EXAMINER GOETZE: Other questions?
17	MR. LARSON: That's all I have.
18	EXAMINATION BY EXAMINER GOETZE
19	EXAMINER GOETZE: So this is all the result
20	of a clerical error in filing the lease?
21	THE WITNESS: Yes.
22	EXAMINER GOETZE: No more questions for this
23	witness. Thank you.
24	You may call your next witness.
25	DREW BERGMAN

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1	having	been first duly sworn, was examined and testified
2	as fol	lows:
3		DIRECT EXAMINATION
4	BY MR.	LARSON:
5	Q.	Good morning, Mr. Bergman. Could you state your
6	full n	ame for the record.
7	Α.	Drew Bergman.
8	Q.	And where do you reside?
9	Α.	Midland, Texas.
10	Q.	And by whom are you employed and in what
11	capaci	ty?
12	A.	COG Operating as a geologist.
13	Q.	What is the focus of your responsibilities as a
14	geolog	ist?
15	Α.	My focus is geological matters in southeast New
16	Mexico	
17	Q.	And are you familiar with the geological aspects
18	of the	drilling of the Graham Nash State Com 6H
19	A.	Yes.
20	Q.	and the matters addressed in the application?
21	A.	Yes.
22	Q.	Have you previously testified at a Division
23	hearin	g?
24	A.	Yes.
25	Q.	And during those hearings, did the examiner

Page 14 1 accept your qualifications as an expert in petroleum 2 geology? 3 A. Yes. 4 MR. LARSON: Mr. Examiner, I request that 5 Mr. Bergman be qualified as an expert petroleum 6 geologist for purposes of this case. 7 EXAMINER GOETZE: So gualified. 8 MR. LARSON: Thank you. 9 BY MR. LARSON (cont'd): 10 Q. Directing your attention to the document marked 11 as Exhibit No. 2 -- which you don't have in front of 12 you. 13 (Pause.) 14 Were you involved in COG's evaluation of the 0. 15 prospects for any of the Graham Nash wells that are identified on Exhibit 2? 16 17 A. Yes, I was. 18 0. And what was your assessment of the prospects for 19 those wells? 20 Α. That it was a very productive area. 21 And if you will identify the document identified 0. 22 as Exhibit 7. 23 It is a map with black contours or structure Α. 24 contours. And the Graham Nash 6H Well is shown in 25 orange and our acreage is shown in yellow.

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1 0. Did you prepare this document? 2 A. Yes. 3 And what role did this structure map have in your 0. 4 geological analysis of the prospects for the Graham Nash No. 6? 5 It showed us the dip of the area, the location of 6 Α. 7 the basin, and that there were no geological 8 impediments. 9 Q. I next ask you to identify the document marked as 10 Exhibit 8. 11 A. It is a cross section through the area, with the 12 top of the second Bone Spring Sand in the top orange and 13 the base in the bottom orange. 14 0. And did you prepare this document? 15 Α. Yes. 16 And what role did the cross section have in your 0. 17 analysis of the prospects for the Graham Nash No. 6? 18 It showed us that the area had consistent Α. 19 thickness, frosting permeability and that there were no 20 geological impediments. 21 Q. And there are two other Graham Nash wells 22 identified on Exhibit 2, the number 1 and the number 8. 23 Have those wells been productive? 24 Α. Yes. 25 0. And has the Graham Nash State Com 6H performed in

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1	the manner you anticipated?
2	A. Yes.
3	Q. And, finally, I ask you to identify the document
4	marked as Exhibit 9.
5	A. This is the profile of the Graham Nash 6H with
6	these lines on the far left and right and the setbacks
7	and the dashed lines on the far left and right.
8	Q. And did you prepare this document?
9	A. Yes.
10	Q. And does the Graham Nash 6H Well as completed
11	comply with Division's setback requirements?
12	A. Yes.
13	Q. And has the well been productive along the entire
14	length of the completed lateral?
15	A. On average, yes.
16	Q. In your opinion, will the granting of COG's
17	application serve the interests of conservation and the
18	preservation of waste?
19	A. Yes.
20	MR. LARSON: Mr. Examiner, I move the
21	admission of Exhibits 7, 8, and 9.
22	EXAMINER GOETZE: Exhibits 7, 8, and 9 are
23	so entered.
24	(Whereupon, COG Operating LLC's Exhibits 7,
25	8, and 9 were offered and admitted into evidence.)

Page 17 1 MR. LARSON: And I pass the witness. 2 EXAMINER WADE: I have no questions. 3 EXAMINER GOETZE: No, questions. Very 4 good. 5 EXAMINATION BY EXAMINER GOETZE 6 EXAMINER GOETZE: So we have a history of 7 drilling north/ south and have been very successful in this area. 8 9 We have an additional well in the north half 10 of section 28 that is east/west. Do you know what that is, the 1H, where is that completed? 11 12 THE WITNESS: I believe it was lower Avalon. 13 EXAMINER GOETZE: Okay. So we are looking 14 at a different part of the Bone Springs there? 15 THE WITNESS: Yes, sir. 16 EXAMINER GOETZE: And then we do have the --17 the 7H has been completed? 18 THE WITNESS: No. The 7H has not been 19 completed. 20 EXAMINER GOETZE: But the 6H is being 21 drilled at this time? 22 THE WITNESS: It has been drilled. 23 EXAMINER GOETZE: It has been drilled. So 24 we are waiting on authority to produce or are we 25 producing?

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1	THE WITNESS: I believe we are producing.
2	EXAMINER GOETZE: Okay.
3	MR. LARSON: Mr. Examiner, the 7H is the
4	subject of 15292, which was continued.
5	EXAMINER GOETZE: Yes. I just want to make
6	sure what we're going to see next. And the 8H is
7	productive, is currently in production with no issues?
8	THE WITNESS: Yes, sir.
9	EXAMINER GOETZE: With that, I have no
10	further questions of this witness.
11	MR. LARSON: I have nothing further.
12	EXAMINER GOETZE: Then case 15291 is taken
13	under advisement.
14	
15	
16	(Time noted 8:40 a.m.)
17	
18	! So hereby certify that the foregoing to
19	a complete record of the proce man a
20	neard by me on april 20 2015.
21	Rullpel. Letter Frances
22	Oll Conservation Division
23	
24	
25	

	Page 19
1	STATE OF NEW MEXICO)
2) ss.
3	COUNTY OF BERNALILLO)
4	
5	
6	
7	REPORTER'S CERTIFICATE
8	I, ELLEN H. ALLANIC, New Mexico Reporter CCR
9	No. 100, DO HEREBY CERTIFY that on Thursday, April 30, 2015, the proceedings in the above-captioned matter were
10	taken before me, that I did report in stenographic shorthand the proceedings set forth herein, and the
	foregoing pages are a true and correct transcription to
11	the best of my ability and control.
12	
13 14	I FURTHER CERTIFY that I am neither employed by nor related to nor contracted with (unless excepted by the rules) any of the parties or attorneys in this case,
15	and that I have no interest whatsoever in the final disposition of this case in any court.
16	
17	
18	
19	Elon allamo,
20	ELLEN H. ALLANIC, CSR NM Certified Court Reporter No. 100
21	License Expires: 12/31/15
22	
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