

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

ORIGINAL

IN THE MATTER OF THE HEARING CALLED
BY THE OIL CONSERVATION DIVISION FOR
THE PURPOSE OF CONSIDERING:

APPLICATION OF WILLIAMS PRODUCTION CO., CASE NO. 14289
LLC FOR PRE-APPROVAL OF DOWNHOLE
COMMINGLING IN THE ROSA UNIT, SAN JUAN
AND RIO ARriba COUNTIES, NEW MEXICO

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REPORTER'S TRANSCRIPT OF PROCEEDINGS

EXAMINER HEARING

BEFORE: DAVID K. BROOKS, Legal Examiner
RICHARD EZEANYIM, Technical Examiner
TERRY G. WARNELL, Technical Examiner

March 19, 2009

Santa Fe, New Mexico

This matter came on for hearing before the New Mexico
Oil Conservation Division, DAVID K. BROOKS, Legal Examiner,
RICHARD EZEANYIM, Technical Examiner, and TERRY G. WARNELL,
Technical Examiner, on Thursday, March 19, 2009, at the
New Mexico Energy, Minerals and Natural Resources Department,
1220 South Saint Francis Drive, Room 102, Santa Fe, New Mexico.

REPORTED BY: JOYCE D. CALVERT, P-03
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500 Fourth Street, NW, Suite 105
Albuquerque, New Mexico 87102

A P P E A R A N C E S

FOR THE APPLICANT:

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1 MR. EZEANYIM: At this point, we call Case No. 14289.
2 This is the Application of Williams Production Company, LLC for
3 a Pre-Approval of Downhole Commingling in the Rosa Unit,
4 San Juan and Rio Arriba Counties, New Mexico.

5 Call for appearances.

6 MS. MUNDS-DRY: Good morning, Mr. Examiner. Ocean
7 Munds-Dry of the law firm of Holland & Hart, here representing
8 Williams Production Company, LLC this morning, and I have two
9 witnesses.

10 MR. EZEANYIM: Any other appearances? Okay. May the
11 witnesses stand up, and state your name to be sworn, please.

12 [Witnesses sworn.]

13 MR. EZEANYIM: Ms. Munds-Dry, you may proceed.

14 MORGAN VERNE HANSON

15 after having been first duly sworn under oath,
16 was questioned and testified as follows:

17 DIRECT EXAMINATION

18 BY MS. MUNDS-DRY:

19 Q. Would you please state your name for the record.

20 A. Morgan Verne Hanson.

21 Q. And where do you reside?

22 A. In Tulsa, Oklahoma.

23 Q. And by whom are you employed?

24 A. Williams Exploration and Production Company.

25 Q. And in what capacity?

1 A. I'm senior staff landman.

2 Q. Have you previously testified before the
3 Division, and were your credentials made a matter of record and
4 accepted?

5 A. Yes.

6 Q. And are you familiar with the application that
7 Williams has filed?

8 A. Yes.

9 Q. Are you familiar with the status of lands that
10 are the subject of this application?

11 A. Yes, I am.

12 MS. MUNDS-DRY: Mr. Examiner, at this time we would
13 tender Mr. Hanson as an expert in petroleum land matters.

14 MR. EZEANYIM: Accepted.

15 Q. (By Ms. Munds-Dry): Mr. Hanson, would you
16 briefly summarize what Williams Production Company, LLC seeks
17 with this application?

18 A. We seek pre-approval of downhole commingling of
19 production from the Dakota Mesaverde and the Mancos formations
20 within the Rosa Unit.

21 Q. Thank you. Would you please turn to what's been
22 marked as Williams Exhibit No. 1.

23 MS. MUNDS-DRY: And, Mr. Examiner, I did put a packet
24 in front of you and Mr. Brooks and Mr. Warnell with our
25 exhibits.

1 Q. (By Ms. Munds-Dry): Mr. Hanson, would you please
2 identify Exhibit No. 1 for the Examiner?

3 A. Exhibit No. 1 is Order R-12991, which establishes
4 a reference case for the Rosa Unit to provide for no notice to
5 the interest owners for commingling of the Mesaverde and Dakota
6 Formations -- or commingling of pre-approved formations within
7 the unit and also commingling of non pre-approved notices with
8 a C-107 being filed with Santa Fe on the pre-approved
9 formations.

10 Q. Thank you. Would you please turn to what's been
11 marked as Exhibit No. 2, and identify that for Mr. Ezeanyim.

12 A. Exhibit No. 2 is Order R-12984. This was the
13 order which formed the Basin Mancos Pool, and it also denied
14 downhole commingling of the Mancos -- pre-approved downhole
15 commingling of the Mancos within the Mancos Basin Pool.

16 Q. And do you recall from that hearing and from this
17 order why the commingling was denied at that time?

18 A. The Commission found that at that time there was
19 not enough evidence presented at the hearing to approve the
20 downhole commingling.

21 Q. And which pools under this application does
22 Williams seek to commingle?

23 A. The Basin Dakota, the Blanco Mesaverde, and the
24 Basin Mancos.

25 Q. Are any of these pools already pre-approved for

1 commingling?

2 A. Yes. The Basin Dakota and the Blanco Mesaverde.

3 Q. Do you recall the order number for that?

4 A. It's R-11363.

5 Q. Has Williams received any individual orders to
6 commingle the Dakota and the Mancos or the Mesaverde and the
7 Mancos?

8 A. We have received one order, and it's DHC-4085 for
9 the Rosa Unit No. 77 well.

10 Q. Mr. Hanson, would you please turn to what's been
11 marked as Exhibit No. 3 and review this for the Examiners?

12 A. Exhibit No. 3 is the map of the Rosa Unit showing
13 the various types of lands in the Rosa. The gray would
14 indicate the federal lands. The brown indicates the State
15 lands, and the white would be the fee lands within the Rosa,
16 which there is very little.

17 And there is also a non-committed tract up there
18 between Sections 34 and 35 also, lying in between Sections 3
19 and 4. And then there is a partially committed tract in
20 Sections -- that's 31 and 32 North 6 West.

21 There's a partially -- or two partially committed
22 tracts within Sections 25 and 26, the NE/4 of both sections.
23 And then the red hatching indicates the Dakota participating
24 area.

25 Q. Thank you. Turn now to Exhibit No. 4, if you

1 would, please, and review this for the Examiners.

2 A. This is the same map with the same indications as
3 far as colors and types of land, with the red hatching
4 indicating the Mesaverde participating area.

5 Q. Are there any Mancos participating areas at this
6 time?

7 A. There are none established.

8 Q. With that in mind, and keeping in mind the
9 participating areas that we saw for the Dakota and Mesaverde
10 participating areas, are the interest ownership -- is the
11 interest ownership in the Rosa Unit different in the Mancos
12 than it is for the Dakota and the Mesaverde?

13 A. It varies by tract within the Rosa Unit.

14 Q. Will interest ownership be adversely affected if
15 these pools are pre-approved for commingling?

16 A. I don't believe it will.

17 Q. In your opinion, will this application result in
18 the more efficient operation of the unit?

19 A. Yes.

20 Q. And in your opinion, will the approval of this
21 application protect correlative rights and prevent waste?

22 A. Yes.

23 Q. Has Williams notified all interest owners in the
24 unit of this application?

25 A. Yes, we have.

1 Q. And have you had any response to this
2 application?

3 A. No.

4 Q. Have you discussed this application with the OCD
5 District Aztec office?

6 A. Williams representatives have discussed this
7 issue with the OCD office in Aztec.

8 Q. And what is Exhibit No. 5?

9 A. Exhibit No. 5 is a letter from Mr. Steven Hayden
10 in support of our application.

11 Q. Have you also discussed this application with the
12 Bureau of Land Management?

13 A. Yes, we have.

14 Q. And what is their position on this application,
15 if you know?

16 A. The Bureau of Land Management is in support of
17 this application.

18 Q. And is Exhibit No. 6 our Notice of Affidavit with
19 a copy of the notice list, the notice of publication, and the
20 green cards with return receipts?

21 A. Yes.

22 Q. Were Exhibits 1 through 6 either prepared by you
23 or compiled under your direct supervision?

24 A. Yes, they were.

25 MS. MUNDS-DRY: At this time, Mr. Ezeanyim, we move

1 the admission of Exhibits 1 through 6 into evidence.

2 MR. EZEANYIM: Exhibits 1 through 6 will be admitted.

3 [Applicant's Exhibits 1 through 6 admitted into
4 evidence.]

5 MS. MUNDS-DRY: And that concludes my direct
6 examination of Mr. Hanson.

7 MR. EZEANYIM: Do you have any questions?

8 MR. BROOKS: No questions.

9 MR. WARNELL: No questions.

10 MR. EZEANYIM: No questions. You may sit down.

11 MS. MUNDS-DRY: Thank you. I'd like to call my next
12 witness, Mr. McQueen.

13 MR. EZEANYIM: Go ahead.

14 KENLEY HAYWOOD MCQUEEN, JR.

15 after having been first duly sworn under oath,

16 was questioned and testified as follows:

17 DIRECT EXAMINATION

18 BY MS. MUNDS-DRY:

19 Q. Okay. Would you please state your full name for
20 the record.

21 A. My full name is Kenley Haywood McQueen, Jr.

22 Q. And where do you reside?

23 A. I reside in Tulsa, Oklahoma.

24 Q. And by whom are you employed?

25 A. I'm employed by Williams Exploration and

1 Production Company.

2 Q. And in what capacity?

3 A. I'm the director of the San Juan Basin.

4 Q. And by training, what is your background?

5 A. I'm a petroleum engineer.

6 Q. Have you previously testified before the
7 Division, and were your credentials accepted and made a matter
8 of record?

9 A. I have, and they were.

10 Q. Are you familiar with the application that's been
11 filed in this case?

12 A. I am.

13 Q. And have you made an engineering study of the
14 lands that are the subject of this application?

15 A. I have.

16 MS. MUNDS-DRY: With that, Mr. Examiner, we would
17 tender Mr. McQueen as an expert in petroleum engineering.

18 MR. EZEANYIM: Mr. McQueen is so qualified.

19 Q. (By Ms. Munds-Dry): Mr. McQueen, if you could,
20 first, before we go to your exhibits, please explain to the
21 Examiners why this application is important to Williams.

22 A. In the current economic environment of
23 significantly reduced gas prices, we are looking at all
24 opportunities that may provide opportunity to reduce costs so
25 we can continue our drilling program in Rosa.

1 And, in particular, we see three major components of
2 cost savings that could be achieved by approval of this
3 application for commingling. The first of those relates to our
4 drilling activities in the Rosa. With a commingling permit for
5 these three zones in place, we would be able to complete the
6 wells with 4 1/2-inch casing rather than 5 1/2-inch casing.

7 On the completion side, commingled completions allow
8 us to run one tubing string rather than two tubing strings, and
9 it also allows us to run one train of production equipment on
10 the surface rather than two trains of production equipment.

11 And from an ongoing operational standpoint, we see
12 significant work-over cost savings related to recovery of
13 equipment downhole that are related to dual tubing strings in
14 the well bore; in particular, recovery of packers that are
15 required for a dual tubing system.

16 Q. Thank you, Mr. McQueen. If you could turn now to
17 what's been marked as Williams Exhibit No. 7, and review this
18 for the Examiners.

19 A. Exhibit 7 --

20 MR. EZEANYIM: I don't believe we have 7 in your
21 packets.

22 MS. MUNDS-DRY: It should be. I apologize if there's
23 some mix up there. It should be right after the notice packet.

24 MR. WARNELL: We've got it.

25 MR. BROOKS: I don't have it in mine. It is bradded

1 to Exhibit 6. It's there. It's just as though it were part
2 of 6.

3 MS. MUNDS-DRY: We wanted to make you work to try to
4 find it.

5 MR. WARNELL: It works.

6 THE WITNESS: I'm not sure I have 6. Is it in this
7 package?

8 MS. MUNDS-DRY: I apologize for that confusion.

9 Q. (By Ms. Munds-Dry): Mr. McQueen, would you
10 review this for the Examiners?

11 A. Exhibit 7 is a base map of our Rosa Unit showing
12 current Mesaverde well spots, and I have highlighted on the map
13 in red the eight wells which we have already completed
14 commingling in the Mesaverde and the Dakota zones.

15 In addition to these eight wells that are highlighted
16 on the map, we have three other wells in the Rosa Unit that are
17 commingled in other zones.

18 Q. And so this shows really the west side of the
19 Rosa Unit?

20 A. Basically, the Mesaverde in the Rosa Unit thins
21 and becomes nonproductive on the east and northeast side of the
22 unit. So that's why you see the bulk of the Mesaverde well
23 penetrations are on the W/2 or W/3 of the Rosa Unit.

24 Q. Thank you. Mr. McQueen, what are the average
25 recoverable reserves from the Mesaverde, Mancos, or Dakota

1 spacing unit?

2 A. We just completed our yearend reserve evaluation
3 that follows SEC guidelines for determination of reserves, and
4 rather than talk about reserves on a GPU, it's probably more
5 meaningful to report what our average net reserve numbers are
6 from the report that we just completed.

7 In the Mesaverde, we have booked net crude reserves
8 of 229 million cubic feet of gas per well, and in the Dakota,
9 we have 102 million cubic feet of net wells, average per well.

10 Q. And what about for the Mancos?

11 A. The Mancos, at this time we have insufficient
12 production data to rationalize those reserves as proof at that
13 point. We still have those booked as probable or possible
14 reserves.

15 Q. What can you tell us about its production
16 profile?

17 A. To date, what we see from the Mancos, and we have
18 four wells in various stages of completion, is the production
19 profile looks very much like what you would expect to see in a
20 typical shale reservoir recovery. That is, the wells are
21 hydraulically stimulated, and we see high rates, initially.

22 But the rates fall very quickly, and within a couple
23 of months the pressures are down-riding our line pressures so
24 that from a production volume standpoint they look very similar
25 to the volumes that we see out of our Mesaverde wells.

1 Q. What is the average initial producing rate from a
2 newly drilled well or re-completed well in the Mesaverde,
3 Dakota, and Mancos?

4 A. The Dakota is 107 MCF per day initial potential.
5 The Mesaverde is 450 MCF a day. Those are both 8/8's or gross
6 numbers.

7 Again, the Mancos, we're very early in the evaluation
8 process there. But after the flush production is produced in
9 the Mancos completions, we see a significant falloff in rate,
10 and those rates, after a couple of months, are comparable to
11 what we're seeing in the Mesaverde wells.

12 Q. If this application is approved, how does
13 Williams plan to produce these wells going forward?

14 A. We would plan to produce the Mancos, the
15 Mesaverde, and the Dakota in a commingled well bore on a
16 go-forward basis.

17 Q. And would you plan to produce each until you get
18 the flush production?

19 A. That's correct. Our production completion
20 scenario is:

21 Complete the Dakota, flow the Dakota back for some
22 time, establish its production rate, set a bridge plug, come up
23 hole; complete the Mancos, allow it to produce so that the
24 flush production, the initial high rates, are produced, set a
25 bridge plug, come up; produce the Mesaverde for a while.

1 After production is established in all three of the
2 zones, then we would go back and knock out the bridge plugs and
3 commingle zones together.

4 Q. Does the estimated ultimate recoveries and
5 initial producing rates from each formation justify drilling
6 the standalone wells?

7 A. Certainly with these low gas prices, Dakota
8 standalones are not justified. The Mesaverde standalones are
9 marginal. And the Mancos, the jury is still out on those since
10 we are in the process of evaluating what we think the full
11 potential of the gas production will be from the Mancos.

12 Q. So with the prices the way they are now in this
13 current economic environment, it makes more economic sense to
14 commingle or trimmingle these wells?

15 A. Trimmingling certainly offers us better economic
16 returns in that we have three target zones to produce gas from,
17 rather than one or two.

18 Q. And when we're looking at commingling, is the
19 lower zone with 150 percent of the upper zone?

20 A. Yes.

21 Q. What allocation methods has Williams proposed?

22 A. We'll use the subtraction method initially. Then
23 after we establish production from the zones, then we'll move
24 to the allocation method.

25 Q. Can you please tell the Examiners what is the top

1 and bottom of the pay section for each formation, starting with
2 the Mesaverde, if you have it?

3 A. The tops and bottoms of our reservoirs from
4 surface in the Rosa vary quite markedly because we have quite a
5 lot of topographical relief in the Rosa Unit. We see the
6 Mesaverde as shallow as 5159 feet and as deep as 6386. We see
7 the Mancos as shallow as 5838 and as deep as 7006 feet. And we
8 see the Dakota as shallow as 7594 and as deep as 8730.

9 Q. And what method of production will be used?

10 A. We plan to initially flow all of these wells
11 without artificial lift. At later points in their life when
12 water production becomes an issue, then we would plan to add
13 plunger lift to get the liquids out of the hole.

14 Q. Mr. McQueen, what is the average gas BTU for each
15 formation?

16 A. In the Mesaverde, the average gas content is 1021
17 million BTU per MCF. In the Dakota it's 991 million BTU per
18 MCF, and in the Mancos, it's 990 million BTU per MCF.

19 Q. And generally speaking, each zone, will it be
20 production, shut-in, or will it be a new zone?

21 A. We actually have an ongoing effort to convert our
22 existing Mesaverde and Dakota duals to commingling under the
23 order that's in place. And on a go-forward basis with this
24 order in place, we would also plan to complete the Mancos in a
25 number of the wells.

1 Q. What about for new wells?

2 A. In the new wells, we would plan to complete all
3 three zones much as I described earlier with the production
4 scenario, starting with the Dakota at the bottom and coming up
5 to the Mancos and then completing the Mesaverde.

6 Q. Could you please tell the Examiners what are the
7 oil and gas and water rates of last production from the last
8 month from each formation and from what date?

9 A. The last production date we have posted in our
10 internal system at Williams is for December 2008. And the
11 8/8's or gross production for Mesaverde was 21.2 million cubic
12 feet per day, and the Dakota was 7.5 million cubic feet per
13 day, 8/8's or gross production.

14 And, then, on a per-well basis in the Mancos, the
15 profiles that we are seeing very early in the Mancos are on a
16 per-well basis and resemble what we would be seeing in the
17 Mesaverde wells.

18 Q. Thank you. Could you turn to what's been marked
19 as Exhibit No. 8, and review this exhibit for the Examiners.

20 A. Exhibit 8 simply reflects the numbers that I just
21 presented, except that in addition to the December data, we
22 show our gross production for the entire year of 2008. The
23 Mesaverde production is shown in red, and the Dakota production
24 is shown in blue.

25 Q. And the Mancos production history is not shown on

1 here. Do you have an opinion on that?

2 A. We have very little Mancos production at this
3 point in time. Long-term our anticipation is, at least on a
4 per-well basis, the Mancos production would resemble what we're
5 seeing in the Mesaverde.

6 Q. Would you please identify and review the
7 reservoir fracture pressure information for each formation?

8 A. The Mesaverde reservoir original pressure ranges
9 from 1100 to 1400 PSI. Our estimate of current reservoir
10 pressure is 300 to 800 PSI, and the frac rating is .6 to .7 PSI
11 per foot. In Dakota the original pressures range from 3000 to
12 3400 PSI. The current reservoir pressures, we believe, range
13 from 1600 to 2700 PSI. Frac rating there is 0.65 to 0.7 PSI
14 per foot.

15 And in the Mancos, the original pressure we estimate
16 at 3000 to 4500 PSI depending where you are in the formation;
17 and, of course, we estimate the current pressure is the same as
18 the original pressure since there has been very little
19 production out of the zone to date. And the gradient we see
20 there ranges from .68 to 1.12 PSI per foot.

21 Q. Mr. McQueen, will commingling result in shut-in
22 or flowing well-bore pressures in excess of the
23 fracture-parting pressure of any commingled pool?

24 A. No.

25 Q. In your opinion, will commingling result in a

1 permanent loss of reserves due to the cross flow between any of
2 the well bores in the Rosa Unit area?

3 A. No.

4 Q. Are the fluids from each going to be commingled
5 in a way that would result in compatibility problems or damage
6 the pool?

7 A. No.

8 Q. Will commingling jeopardize the efficiency of
9 present or future secondary recovery operations in the pools to
10 be commingled?

11 A. No. In fact, we don't see any current technology
12 that's available for secondary recovery in conventional gas
13 reservoirs.

14 Q. Will commingling be done in a way that
15 fluid-sensitive formations will be protected from contact with
16 the liquids produced from other pools in the wells?

17 A. Yes.

18 Q. And will commingling cause any well bore damage?

19 A. No.

20 Q. Are any of the pools in this case prorated?

21 A. Yes. The Dakota pool is prorated.

22 Q. That being the case, will production exceed any
23 of the allowables?

24 A. No.

25 Q. Would commingling reduce the value of the total

1 remaining production from this unit area?

2 A. No. In fact, we believe that because of reduced
3 economic limit that will result from commingling operations, it
4 will actually increase remaining reserves in the reservoir.

5 Q. In your opinion, will Williams' recommended
6 methods of allocation protect the interest of all royalty and
7 overriding interest owners in the Rosa Unit?

8 A. Yes.

9 Q. Does commingling protect correlative rights?

10 A. Yes, it does.

11 Q. How so?

12 A. We -- again, because of improved economics from
13 an operational standpoint on a go-forward basis, that reduced
14 economic limit will result in more reserves being booked that
15 would ordinarily happen under the current scenario.

16 Q. And you touched on this earlier, Mr. McQueen.
17 Does commingling improve efficiency in Williams' operations?

18 A. Absolutely. It decreases our repairs costs,
19 decreases operational costs, decreases capital outlays.

20 Q. How many more existing wells can be commingled
21 now if this application is approved?

22 A. We have at least 17 planned commingles if this
23 application is approved.

24 Q. And how about new drills?

25 A. We see as many as 33 new drills in 2009 and 2010

1 that could benefit from this commingling application.

2 Q. And in your opinion, will commingling increase
3 the ultimate recovery from this unit?

4 A. Again, yes, because of anticipated decreased
5 economic cutoff.

6 Q. And will approval of this application be in the
7 best interests of conservation, protection of correlative
8 rights, and the prevention of waste?

9 A. Yes, absolutely.

10 Q. Were Exhibits No. 7 and 8 either prepared by you
11 or compiled under your direct supervision?

12 A. Yes, they were.

13 MS. MUNDS-DRY: At this time, Mr. Examiner, we move
14 the admission of Exhibits 7 and 8.

15 MR. EZEANYIM: Exhibits 7 and 8 will be admitted.

16 [Applicant's Exhibits 7 and 8 admitted into
17 evidence.]

18 MS. MUNDS-DRY: And that concludes my direct
19 examination of Mr. McQueen.

20 MR. EZEANYIM: Okay. Any questions?

21 MR. BROOKS: No questions.

22 MR. EZEANYIM: Terry?

23 MR. WARNELL: No questions.

24 MR. EZEANYIM: Mr. McQueen, I don't know if you were
25 asked this question: Are you part of the applicant in this

1 Case No. 14133, Order No. R-12984? Were you part of the
2 applicant at the time that case was presented to OCD?

3 THE WITNESS: Is that the Mesaverde Dakota?

4 MR. EZEANYIM: Yeah. You're asking for that whole
5 commingling for Mancos, Dakota, and Mesaverde, and it was
6 denied on --

7 THE WITNESS: Oh, Mr. Hayden, I believe, produced
8 that case. We were not --

9 MS. MUNDS-DRY: Mr. Ezeanyim, we entered an
10 appearance at the court of that application, but that was our
11 only participation in that case.

12 MR. EZEANYIM: Why I'm asking that question, is there
13 any new evidence now that you have, other than what was
14 presented in the last case, that you're presenting today? Do
15 you know? Any evidence that is different from the well that
16 was presented in the last case?

17 MS. MUNDS-DRY: I honestly don't recall that
18 Mr. Hayden presented much in the way of evidence. So what
19 we've tried to do today would be more along the lines of what
20 you should see to support that kind of application.

21 MR. EZEANYIM: So this is the initial evidence then?

22 MS. MUNDS-DRY: I believe so. And I don't mean to
23 speak for Mr. Hayden.

24 MR. BROOKS: I was the examiner on that case, and as
25 I recall, the determination that we made at the time was not

1 that there was any reason why it should not be -- why a
2 reference case should be not be -- established, but just that
3 the evidence that was presented in that case was not sufficient
4 to meet all the regulatory requirements for such a case.

5 MR. EZEANYIM: You just made my point. That's what
6 I'm saying, you know. If they couldn't present it at that
7 time, did you present anything different today different from
8 that?

9 MS. MUNDS-DRY: Again, I don't want to speak for what
10 Mr. Hayden presented, but today we have offered you, as
11 Mr. Brooks says, what's required under the rule to show in
12 support of commingling for pre-approval.

13 MR. EZEANYIM: Okay. That's okay.

14 MS. MUNDS-DRY: And I would like to cite the new rule
15 number to you, Mr. Ezeanyim, but I'm still learning them.

16 MR. EZEANYIM: You can cite the old one there.
17 That's fine.

18 Most of these wells, are they marginal? They are
19 not -- by your assessment, they are marginal, right? Most of
20 these are marginal?

21 THE WITNESS: Well, on a go-forward basis, the wells
22 we are trying to drill would be marginal on a standalone basis,
23 and that's why we're trying to commingle the three zones
24 together because it creates an economically viable opportunity
25 for us.

1 MR. EZEANYIM: Okay. No further questions.

2 THE WITNESS: Thank you.

3 MS. MUNDS-DRY: And that concludes our case. We ask
4 this be taken under advisement.

5 MR. EZEANYIM: Thank you. At this point Case
6 No. 14289 will be taken under advisement.

7 * * *

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12
13 I do hereby certify that the foregoing is
14 a complete record of the proceedings in
the Examiner hearing of Case No. 14289
15 heard by me on 3/19/09.

16  , Examiner
Oil Conservation Division
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1

2 **REPORTER'S CERTIFICATE**

3

4 I, JOYCE D. CALVERT, Provisional Court Reporter for
5 the State of New Mexico, do hereby certify that I reported the
6 foregoing proceedings in stenographic shorthand and that the
7 foregoing pages are a true and correct transcript of those
8 proceedings and was reduced to printed form under my direct
9 supervision.

10 I FURTHER CERTIFY that I am neither employed by nor
11 related to any of the parties or attorneys in this case and
12 that I have no interest in the final disposition of this
13 proceeding.

14 DATED this 19th day of March, 2009.


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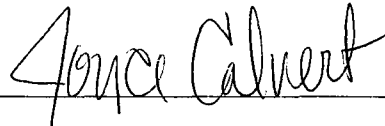
21 JOYCE D. CALVERT
22 New Mexico P-03
23 License Expires: 7/31/09
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1 STATE OF NEW MEXICO)

2 COUNTY OF BERNALILLO)

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4 I, JOYCE D. CALVERT, a New Mexico Provisional
5 Reporter, working under the direction and direct supervision of
6 Paul Baca, New Mexico CCR License Number 112, hereby certify
7 that I reported the attached proceedings; that pages numbered
8 1-24 inclusive, are a true and correct transcript of my
9 stenographic notes. On the date I reported these proceedings,
10 I was the holder of Provisional License Number P-03.

11 Dated at Albuquerque, New Mexico, 19th day of
12 March, 2009.

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14 

15
16 Joyce D. Calvert
17 Provisional License #P-03
18 License Expires: 7/31/09

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20 

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22 Paul Baca, RPR
23 Certified Court Reporter #112
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