

west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street, SE Charleston, WV 25304
(304)926-0499, Ext 1656

Joe Manchin III, Governor
Randy C. Huffman, Cabinet Secretary
www.wvdep.org

**BEFORE THE OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF WEST VIRGINIA**

IN THE MATTER OF THE REQUEST BY DOMINION
EXPLORATION & PRODUCTION, INC. FOR AN
EXCEPTION LOCATION FOR THE DRILLING OF THE
WELL IDENTIFIED AS #31100 TO BE LOCATED IN
CENTER DISTRICT, GILMER COUNTY, WEST VIRGINIA.

DOCKET NO. 190-178
ORDER NO. 1

REPORT OF THE COMMISSION

This cause came before the Commission on July 17, 2008, in the Department of Environmental Protection Conference Room, Charleston, West Virginia after giving notice as required by law at the request of Dominion Exploration & Production, Inc. ("Dominion") seeking approval for an exception to Operational Rule 39-1.4.2, for the drilling of a proposed well #31100. The proposed well is to be completed in a shallow zone; however, Dominion proposes to drill 100' into the Onondaga formation to allow for logging and completion operations. By definition, WV Code 22C-9-2 states that drilling into the Onondaga formation constitutes a deep well. The proposed location does not meet the spacing requirement imposed on deep wells; therefore, Dominion has requested approval from the Commission for exception to rule 39-1.4.2.

FINDINGS OF FACT

1. The applicant is an operator within the meaning paragraph (4) subsection (a) of the West Virginia Code 22C-9-2.
2. Dominion wishes to drill well #31100 to reach the bottom of the Marcellus formation. The Marcellus shall formation lies directly above the Onondaga limestone formation. Dominion intends to drill 100' into the Onondaga formation for rat hole purposes. Applicant's witness testified that 100' is necessary to fully log the Marcellus formation. The 100' of rat hole will allow the applicant to get logging tools, casing, tubing and perforating tools to sufficient depth below the pay zone.
3. The location of the proposed well was chosen due topography and the geology of the potential producing formation.
4. The witness testified that there are two deep wells, API: 47-021-05516 and 47-021-05588, within 3,000 of the proposed location.
5. The proposed location is greater than 400' from the lease line.

CONCLUSIONS OF LAW

1. That due notice of time, place and purpose of the hearing has been given in all respects as required by law.

Promoting a healthy environment.

2. That Operational rule 39-1.4.2 requires that all deep wells drilled shall be not less than 3,000 feet from a deep well drilling to or capable of producing hydrocarbons from the objective pool of the deep well and that Operational rule 39-1.4.3 allows for an exception to Operational rule 39-1.4.2.
3. That pursuant to Chapter 22C, Article 9, Code of West Virginia, as amended, the Commission has jurisdiction over the subject matter embraced in said notice, and the persons interested therein, and jurisdiction to promulgate the hereinafter prescribed Order.

ORDER

Now therefore, based on the Findings of Fact and Conclusions of Law, the West Virginia Oil and Gas Conservation Commission grants an exception to rule 39-1.4.2 to Dominion for the drilling of the #31100 well, and to drill 100' into the Onondaga formation. Furthermore, Dominion will furnish to the Commission a copy of the bond log and perforating log within thirty days of the completion of the abovementioned well. In addition, Dominion shall submit an affidavit signed by a principal of the company stating that the well was not and will not at any time in the future be produced, perforated or stimulated in any manner in a formation below the top of the Onondaga formation.

IN THE NAME OF THE STATE OF WEST VIRGINIA

OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF WEST VIRGINIA

By: Barry K. Lay
Barry K. Lay, Chairman

Dated this 10th day of August, 2008, at Charleston, West Virginia.

ORIGINAL

1

BEFORE THE OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF WEST VIRGINIA

IN THE MATTER OF THE REQUEST BY DOMINION
EXPLORATION & PRODUCTION, INC. FOR AN
EXCEPTION LOCATION FOR THE DRILLING OF THE DOCKET NO. 190
WELL IDENTIFIED AS #31100 TO BE LOCATED IN CAUSE NO. 178
CENTER DISTRICT, GILMER COUNTY, WEST VIRGINIA,

TRANSCRIPT OF PROCEEDINGS had or testimony
in the above-entitled action, on the 17th day of July,
2008, commencing at 10:05 a.m. and concluding at 10:45
a.m., at the Office of the Department of Environmental
Protection, 601 57th Street, S.E., Charleston, Kanawha
County, West Virginia, pursuant to notice of all interested
parties.

BEFORE: BARRY LAY, Chairman
 JAMES MARTIN, Member
 ANTHONY GUM, Member
 ROBERT RADABAUGH, Member
 CINDY RAINES, Staff

APPEARANCES: RUSSELL TALLHAMMER AND ANTHONY JOHNSON
 Representatives for Dominion Exploration &
 Production, Inc.

MISSY L. YOUNG, C.C.R.
POST OFFICE BOX 6296
CHARLESTON, WEST VIRGINIA 25362
(304) 205-4942 or (304) 539-6192

I N D E X

E X H I B I T S

<u>Exhibits:</u>	<u>Received</u>
No. 1, Notice of Hearing	3
No. 2, Newspaper Confirmation	3
No. 3, Request for Hearing Letter dated July 7, 2008	3
No. 4, Well Work Permit Application	3
No. 5, Packet of Well documents (14pgs)	22

Reporter's Certificate 23

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1 CHAIRMAN LAY: Before the Oil and Gas
2 Conservation Commission of the state of West Virginia, in
3 the matter of the request by Dominion Exploration and
4 Production, Inc. for an exception location for the drilling
5 of the well identified as Number 31100, to be located in
6 Center District, Gilmer County, West Virginia, Docket No.
7 190, Cause No. 178. Let the record show that present are
8 members of the board, Robert Radabaugh, James Martin,
9 Anthony Gum and Barry Lay, and Cindy Raines from staff.

10 I would like to place on record as Exhibit
11 No. 1 a copy of the Notice of Hearing with return receipt
12 cards. Exhibit 2, is a confirmation of the legal
13 advertisement. Exhibit 3 is a copy of a letter dated July
14 2, 2008 from Dominion Exploration and Production, Inc.
15 signed by Russell Tallhammer. Exhibit 4 a copy of the well
16 application.

17 (WHEREUPON, the documents
18 referred to were marked for
19 identification as Exhibit Nos.
20 1 through 4, and were received
21 into evidence.)

22 At this time the Board will take
23 appearances. Please, state your name for the record.

24 MR. TALLHAMMER: Russell Tallhammer.

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1 MR. JOHNSON: Anthony Johnson.

2 CHAIRMAN LAY: Would the Court Reporter
3 please swear the witnesses?

4 (Witness sworn.)

5 CHAIRMAN LAY: Since you are not
6 represented by counsel, I'll let you testify in your own
7 words if you want to present your case. Do we have copies
8 for the rest of the Board?

9 MR. JOHNSON: I have two more copies.

10 MR. TALLHAMMER: We are requesting a waiver
11 in the spacing requirements of the three thousand distance
12 from existing or permitted deep wells? We are not going to
13 be producing anything in the deeper zones. We will need to
14 drill an extra 60 or 70 foot, whatever it is, to the
15 rathole, into the Onondaga to allow for the complete
16 logging of the Marcellus for test purposes.

17 CHAIRMAN LAY: One at a time so that she
18 can get you. One person at a time, please.

19 MR. JOHNSON: As you can see on this map,
20 this is the Dunmar Bearfork area of Calhoun and Gilmer
21 county on the boarder. Our well No. 15-458, which is to
22 the southwest of this well, we drilled to the Marcellus,
23 but did not complete, so our request is that be able to
24 drill one hundred feet below the top of the Onondaga, be

1 able to log the Marcellus. We have no intention of
2 completion or putting it behind pipe, which behind that map
3 there is all of the well history for our No. 15-458. This
4 comes from Summer Days logging tools being approximately 60
5 feet long and Allegheny Weatherford logging tools being
6 approximately 40 feet long in order to run a log over the
7 Marcellus interval, we need to be able to drop the tools
8 below the interval and pull back across the it.

9 MR. RADABAUGH: You're asking for a hundred
10 feet as a total? One hundred feet below what you are right
11 now?

12 MR. JOHNSON: Yes.

13 MR. RADABAUGH: One hundred feet below what
14 you are allowed to go?

15 MR. JOHNSON: Right.

16 MR. JOHNSON: Just for our own correlation
17 purposes being it would have the top of the Onondaga
18 logged, well logged, as well as the Marcellus. On a copy
19 of our log, just for visual, well you can see it. Here is
20 our Marcellus interval with our Onondaga and Oriskany, here
21 at the bottom of our four and a half - - a mash down and
22 then we have completed zones in the Rhinestreet up through
23 the Elk as part of the Lower Hereon.

24 MR. RADABAUGH: How deep - - how thick do

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1 you think the Onondaga is up there? Do you have any idea?

2 MR. JOHNSON: What we're looking at here is
3 about 10 feet thick.

4 CHAIRMAN LAY: This well log that you have
5 here, is that for this 15480 - -

6 MR. JOHNSON: 458, yes.

7 CHAIRMAN LAY: 458. It's drilled as a deep
8 well?

9 MR. TALLHAMMER: I assumed it was.

10 MR. JOHNSON: Yes, we had some sort of
11 exception. I don't know if it was really a deep well or
12 shallow with exception. But the wells that were permitted
13 around this are permitted as deep wells. There are other
14 locations. There's 31, 100, 31096, 31025. Around this
15 well there's a circle, that's a three thousand foot radius
16 just to show you what's there. On some of those wells you
17 notice there's a green circle in the middle, a green dot.
18 Those are wells that were completed only in the Big Engine
19 or above.

20 Then you also notice there's two other wells,
21 15281 and 15282 that still were completed in the Alexander
22 or above that were our wells that are producing naturally
23 now that were not drilled to the Marcellus.

24 CHAIRMAN LAY: I'm sorry, did he answer

1 your question?

2 MR. RADABAUGH: So the Onondaga only
3 appears to be 10 foot thick up there?

4 MR. JOHNSON: Yes.

5 CHAIRMAN LAY: How far is it to the top of
6 the Oriskany?

7 MR. JOHNSON: Well, the Oriskany would lie
8 below the Onondaga, so, 10 feet below that.

9 CHAIRMAN LAY: No Huntersville?

10 MR. GUM: I can't believe the Onondaga is
11 only 10 feet.

12 MR. JOHNSON: It's not very thick over in
13 the west. We do have a Huntersville interval below it. It
14 is about 35- to 40 feet thick.

15 CHAIRMAN LAY: So you will be drilling into
16 the Oriskany?

17 MR. JOHNSON: Yes.

18 CHAIRMAN LAY: Is there any Oriskany pay in
19 that particular well?

20 MR. JOHNSON: Not for us, no. There's two
21 zones that appear to have a little bit of proxy. But
22 there's no occurrence of obvious fracturing. Which in most
23 cases with the Oriskany you can fracture the proxy as it
24 makes a pay, so I would say no. We're not looking for it.

1 We don't particularly care about it. We're just looking at
2 logging the Marcellus.

3 MR. MARTIN: I'm a little confused on the
4 depth. How far below the base of the Marcellus are going
5 to hit the Oriskany?

6 MR. JOHNSON: Approximately 50 feet.

7 MR. MARTIN: And you said, if I understood
8 it, that the logging tools are 60 feet long?

9 MR. JOHNSON: Yes. Summers Days logging
10 strain appears to be about - -

11 MR. MARTIN: Summer Days, is that what you
12 are going to be using to use on this - -

13 MR. JOHNSON: Yes, because if we do not
14 encounter a large shale, natural shale from fractures in
15 the upper shale, the lower Hereon interval, which in any
16 case would be approximate depth of 25- to 4000 feet. We
17 have intent of running a possible FMI on this well.

18 MR. MARTIN: Is that part of your 60 foot
19 interval?

20 MR. JOHNSON: No. That's just the air - -
21 I don't know how long there FMI. But their air quads,
22 their standard suite of E logs, the tool is 60 foot long,
23 which is the diagram that they give in their logs, it's 60
24 feet. Which would provide us 40 feet, so we would only be

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1 able to pull a log over a portion of the Huntersville, the
2 Onondaga up into the Marcellus with a hundred foot from the
3 base of the Marcellus.

4 MR. MARTIN: So why do you need a hundred
5 feet if the logging tools are 60 feet?

6 MR. JOHNSON: It provides us a correlation
7 point from the Onondaga.

8 MR. MARTIN: Well, you'll be logging the
9 Onondaga?

10 MR. JOHNSON: Yes.

11 MR. MARTIN: You would be on the Onondaga
12 top, wouldn't you?

13 MR. JOHNSON; Yes.

14 MR. MARTIN: With just 60 feet?

15 MR. JOHNSON: Sixty feet - - if we have a
16 20 foot roll out of the shallow well, we need at least
17 another 60 feet to go a log above that. So to guarantee
18 that we have enough rat hole from any cuttings or any thing
19 else that may have settled out and that we're not sitting
20 down and having problems making sure we get the right
21 interval.

22 MR. MARTIN: Well, unless I'm confused on
23 the math, if your logging tool is 60 feet?

24 MR. JOHNSON: Yes.

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1 MR. MARTIN: You are legally allowed to go
2 20 feet below the number that your interested in. You
3 really only need 41 feet for the hole, just to get that 60
4 foot tool in the ground, right?

5 MR. JOHNSON: Below the Marcellus.

6 MR. MARTIN: Below the Marcellus, which is
7 all that you are interested in.

8 MR. JOHNSON: Then we miss our Onondaga
9 top.

10 MR. MARTIN: Well, the Marcellus base is
11 the Onondaga top. I mean aren't they the - - that's the
12 same interval, right?

13 MR. JOHNSON: Right. When I go to
14 correlate these as a geologist I like to have an extra 10-
15 or 20 feet to know that I'm in section.

16 MR, MARTIN: Right, right. So even another
17 10 feet gives you - - that tells you you only need another
18 50 feet of hole below the top or below what you are
19 allowed. How do you get up a hundred feet is what I'm
20 getting at?

21 MR. JOHNSON: That was just a number that
22 we just - -

23 MR. MARTIN: Oh, okay.

24 MR. JOHNSON: Because it gives a lot of us

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1 rat hole below the logging tools. If we do have any
2 sluffing from the shales, we do believe this area has some
3 fracture plays, if we have any significant sluffing, this
4 way we've not lost our bore hole, rat hole in the bottom.

5 MR. MARTIN: Two things, one is, part of my
6 concern and it's always been this way, if you need 60 then
7 that's what we need to be looking at not a hundred, first
8 of all. The second complication I think here is the fact
9 that extra footage is now putting you going through some
10 other zones potentially, like the Huntersville or like
11 maybe into the Oriskany.

12 MR. JOHNSON: Yes.

13 MR. MARTIN: What I'm wondering is there a
14 way to keep from getting to that point and still allowing
15 you to evaluate what you are truly after. That's my point.
16 I understand why there's a need to see the Marcellus, but
17 I'm not sure you need to go a hundred feet below the
18 Marcellus to evaluate the Marcellus, particularly in light
19 of the fact that you've got this Oriskany is only - -
20 didn't you say 50 feet below it?

21 MR. JOHNSON: Eighty feet would be
22 satisfactory because to me, with the 20 feet that we are
23 allowed, 60 feet below the 20 that we are allowed on that
24 gives us our logging tool below the Marcellus and allows us

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1 to pull up across the Onondaga as well as the Marcellus.
2 Other questions geologically we have we have seen some
3 structural, what could be structural differences, we're not
4 sure that they are depositional, that effect the overlying
5 shales. By allotting that extra 20 feet it gives us the
6 thickness of that Onondaga and allows us to make a geologic
7 interpretations on the overlying formations.

8 MR. GUM: So what you're saying now is that
9 although you requested a hundred feet you can get a long
10 with 80?

11 MR. JOHNSON: Yes.

12 MR. GUM: Below the base of the Marcellus?

13 MR. JOHNSON: Yes.

14 CHAIRMAN LAY: If you run an FMI, I assume
15 that's a loaded pole tool?

16 MR. JOHNSON: Yes.

17 CHAIRMAN LAY: You wouldn't potentially add
18 some cuttings and potential debris in the bottom of the
19 hole.

20 MR. JOHNSON: Which was a hundred to try
21 and avoid complications and operational issues.

22 MR. RADABAUGH: Today, is that the only
23 exception that you are asking for?

24 MR. TALLHAMMER: Yes. Because the distance

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1 approved is also permitted three other wells in that area
2 right there. This particular well here just happen to fall
3 within the 3000-foot radius of that well.

4 MR. RADABAUGH: So that 3000 feet plus 400
5 feet is boundary and all that?

6 MR. JOHNSON: Right.

7 MR. RADABAUGH: All this is the depth?

8 MR. JOHNSON: This is where - - we
9 permitted those other three, you know, as a deep well.
10 This one here just happen to lie within that 3000-foot
11 radius of one of the others that permitted. I believe it's
12 31 and 123.

13 MR. TALLHAMMER: It's 31,125.

14 MR. JOHNSON: It just happen to be close
15 enough. It sits in the parameters of the areas that we are
16 testing, you know, for this depth right there.

17 CHAIRMAN LAY: I don't have a copy of the
18 plat. Are you more than 400 feet from the lease
19 boundaries?

20 MR. JOHNSON: Yes. This is a nineteen
21 thousand acres lease. We're more than 400 feet from the
22 lease.

23 MR. MARTIN: Let me back up then Tom.
24 Maybe, I'm confused. How many deep wells are within a

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1 thousand feet of this one?

2 MS. RAINES: One thousand or three
3 thousand?

4 MR. MARTIN: Three thousand.

5 MR. JOHNSON: One.

6 MR. MARTIN: Just the one? The one you
7 have the log for?

8 MR. JOHNSON: Yes.

9 MR. TALLHAMMER: We permitted another one.
10 Is that the one that's - - 31025.

11 MR. JOHNSON: I don't believe that this
12 well was permitted as deep. I could be wrong.

13 MR. MARTIN: Which deep well. It was
14 permitted as a deep well?

15 MR. JOHNSON: Right.

16 CHAIRMAN LAY: What's the permit number on
17 that well?

18 MR. JOHNSON: 470105516.

19 MR. MARTIN: So how many deep wells are
20 within three thousand feet of this permit we're here to
21 discuss today?

22 CHAIRMAN LAY: Deep wells or deep well
23 permits that have been issued?

24 MR. JOHNSON: One.

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1 MR. MARTIN: That one there?

2 MR. JOHNSON: Yes. Which would be this
3 one.

4 CHAIRMAN LAY: Or permit?

5 MS. RAINES: Permitted but now drilled?

6 MR. JOHNSON: Permitted but not drilled. I
7 don't think that - -

8 MR. TALLHAMMER: I don't know if it is or
9 not.

10 (Discussion off the record.)

11 CHAIRMAN LAY: We are back on the record.

12 I think we need for you to clarify for us which wells, if
13 any, have been permitted as deep wells and which wells have
14 been drilled as deep wells within a three thousand feet of
15 this proposed well.

16 MR. JOHNSON: 15458 which is this well to
17 the Southwest of this proposed location has been drilled.
18 The only other possibility from within that three thousand
19 foot circle you have on your maps is 31025.

20 CHAIRMAN LAY: And that's the well that's
21 almost dead south - -

22 MR. JOHNSON: Yes.

23 CHAIRMAN LAY: - - facing Southeast of
24 this?

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1 MR. MARTIN: Back to this 15458, what was
2 the total depth, the logging total depth?

3 MR. JOHNSON: 6333, I believe. It should
4 be on your map there. There are some larger black numbers
5 below the wells.

6 CHAIRMAN LAY: 6333, is that the TD?

7 MR. JOHNSON: Yes.

8 MR. MARTIN: And how far below the top of
9 the Onondaga - - what's the top of the Onondaga in roll?

10 MR. JOHNSON: 6213, 6212.

11 MR. MARTIN: You set the casing above the
12 Marcellus?

13 MR. JOHNSON: Yes. Our fort shoe(sic) was
14 5985.

15 MR. MARTIN: Was there a reason that the
16 Marcellus wasn't completed in this well?

17 MR. JOHNSON: This well was simply a strat
18 test. It was simply drilled just to look at the rock. We
19 had no intention of completing it. The 5985 feet of casing
20 was all we had on location from the start. We never had an
21 intention of completing it. It was just simply to see what
22 was there. Well, 15076, to the left was also a Marcellus
23 well that was drilled as a strat test and was not completed
24 in the Marcellus.

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1 CHAIRMAN LAY: That's the one that went the
2 6410?

3 MR. JOHNSON: I'm not sure. Oh, the depth?
4 Yes, okay. Yes. Between the two we seen approximately 300
5 feet in difference in section between the base of our
6 Alexander interval and the top of the Onondaga and the
7 lateral distance of approximately 4450 feet. What we are
8 trying to establish by logging these well sections is, are
9 we looking at a depositional environment that's caused a
10 difference in the thickness of our package or are we
11 looking at a structural variance where we have some kind of
12 basement faulting or faulting through the middle to lower
13 section that's controlling our difference down here and
14 allowing us to produce gas from the overlaying Devonian
15 shales.

16 CHAIRMAN LAY: Anything else?

17 MR. RADABAUGH: Let's just clear things up
18 one more time. Your asking to be able to penetrate in the
19 Onondaga, say by 80 feet. You're also looking for an
20 exception location on the 3000-foot spacing to get yourself
21 away from the existing - -

22 MR. TALLHAMMER: We're probably going to
23 use it as a deep well, So that allows us to drill, you
24 know, deeper - - we're actually - - the variance or

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1 whatever is for the spacing to an existing deeper well.

2 MR. RADABAUGH: You need that?

3 MR. TALLHAMMER: Yes. We're permitting as
4 a deep well to allow us to drill to deeper depth but not,
5 you know - - the relief we're needing is from spacing from
6 another well. Like I said there's no production below the
7 Marcellus so there's no production, we're not producing.
8 We're just looking at it.

9 CHAIRMAN LAY: Let's take a brief recess.

10 (A brief recess was taken after which the
11 hearing continued as follows.)

12 CHAIRMAN LAY: We're back on the record.
13 For the record what you are looking for from the Commission
14 is an exception to the spacing between this proposed well
15 and permit No. 5588 to the south and 5516 to the Southwest?

16 MR. TALLHAMMER: Yes.

17 CHAIRMAN LAY: Is that correct?

18 MR. TALLHAMMER: Yes, that's correct.

19 CHAIRMAN LAY: While I have you here. Why
20 are you wanting to drill the wells closer than 3000 feet,
21 for the record?

22 MR. JOHNSON: Because our zone of
23 production is considered to be shallow. But we are also
24 evaluating Marcellus and by drilling through the top of the

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1 Onondaga we can get a total thickness of the shale package.
2 It prevents us from having to run things like seismic to
3 discover what is going on. We can take a different shale -
4 - this total shale thickness in two wells that are closer
5 together and if we have one that would say, be 500, and one
6 that is 300 and they are close together that's a large
7 difference in shale thickness for it to be depositional in
8 nature. We would be lead to think that's structural and
9 that can help us evaluate and propose further locations
10 based upon where the structure is located in this area.

11 MR. MARTIN: Let me follow up with that,
12 I'm not sure that - - couldn't you do the same thing if you
13 moved this well about three or four hundred feet to the
14 Northeast? Then you don't have spacing issues, at least
15 with those two wells, I don't know if there is others.

16 MR. TALLHAMMER: Topography has a lot to do
17 with where the well is located. It's not topographically
18 friendly out there. We found a good spot there so we
19 located it at a spot that could be built safely and
20 efficiently so that's the reason why it's not moved 300
21 feet from the direction where it's at.

22 MR. MARTIN: So that has been considered?

23 MR. TALLHAMMER: Yes.

24 MR. MARTIN: To possibly have this well in

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1 a different location and not have a spacing issue at least
2 with these two wells.

3 MR. TALLHAMMER: Yes, right.

4 MR. MARTIN: And that's not feasible?

5 MR. TALLHAMMER: It would be much more
6 costly and putting in an area that would be prone to slips.
7 That direction would move to the Northeast to get it away
8 from these wells and that just goes right up the mountain
9 and it just would be cost prohibitive to drill the well.

10 CHAIRMAN LAY: Is there anything further
11 that you need to present to us?

12 MR. TALLHAMMER: No.

13 CHAIRMAN LAY: Any further questions?

14 MR. GUM: No.

15 MR. RADABAUGH: Not from me.

16 CHAIRMAN LAY: Marty?

17 MR. MARTIN: No.

18 CHAIRMAN LAY: Okay. We are off the
19 record.

20 (WHEREUPON, the board deliberated in an off the
21 record discussion.)

22 CHAIRMAN LAY: We are back on the record.

23 I have a motion.

24 MR. RADABAUGH: I'll make a motion. I make

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1 a motion to grant Dominion Exploration in the absence of
2 any objections, the request for well 4702105589, also known
3 as Dominion No. 31100, to drill a total depth of 80 feet
4 below the base of the Marcellus which would be 60 feet in
5 excess of the 20-foot allowance. Also grant Dominion an
6 exception location to allow the well No. 4702105589 to be
7 drilled within 3000 feet of Gilmer 95516 and Gilmer 05588.
8 Dominion can not perforate and/or produce anything below
9 the base of the Marcellus unless they reappear before the
10 Commission and request to do such.

11 Dominion shall provide the Commission with
12 a copy of the well log, the perforation log, affidavit
13 signed by an officer of the company that they have not
14 perforated, stimulated or producing anything below the base
15 of the Marcellus.

16 CHAIRMAN LAY: Have a motion.

17 MR. GUM: Second.

18 CHAIRMAN LAY: Being properly moved and
19 seconded. Any further discussion? All those in favor of
20 the motion, yea? (All respond in the affirmative.)
21 Opposed, nay? Motion carried.

22 Your permit will be issued - - the deep
23 well approval will be forwarded to the Office of Oil and
24 Gas. Any thing else for the record?

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1 MR. TALLHAMMER: Thank you.

2 CHAIRMAN LAY: Thank you gentleman. We'll
3 close the record.

4 (WHEREUPON, a discussion was held
5 off the record after which there was further comment.)

6 CHAIRMAN LAY: We need to supplement the
7 record. I would like to place on the record a copy
8 collectively as next in line 5 the information presented by
9 Dominion today. Now we will close the record.

10 (WHEREUPON, the documents
11 referred to were marked for
12 identification collectively as
13 Exhibit No. 5, and received
14 into evidence.)

15 (WHEREUPON, the hearing was
16 concluded at 10:45 a.m.)

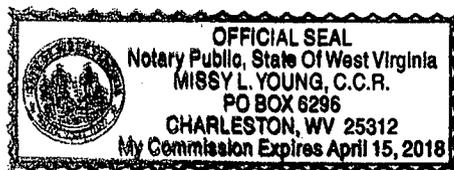
STATE OF WEST VIRGINIA,
COUNTY OF KANAWHA, to-wit:

I, Missy L. Young, a Certified Court Reporter and Notary Public within and for the county and state aforesaid, duly Commissioned and qualified, do hereby certify that the foregoing hearing was taken by and before me at the time and place and for the purpose specified in the caption hereof, the said witnesses having been first duly sworn by me to testify the whole truth and nothing but the truth concerning the matter in controversy.

I do further certify that the said hearing was transcribed under my direction and supervision; and that this hearing is a true record of the testimony given by the witnesses.

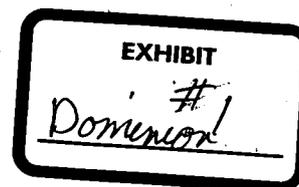
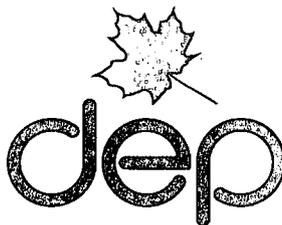
Given under my hand and official seal this
24th day of July 2008.


Certified Court Reporter
Notary Public



My commission expires April 15, 2018.

MISSY L. YOUNG, C.C.R. (304) 205-4942 or (304) 539-6192



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street, SE Charleston, WV 25304
(304)926-0499, Ext 1656

Joe Manchin III, Governor
Stephanie R. Timmermeyer, Cabinet Secretary
www.wvdep.org

**BEFORE THE OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF WEST VIRGINIA**

IN THE MATTER OF THE REQUEST BY DOMINION
EXPLORATION & PRODUCTION, INC. FOR AN
EXCEPTION LOCATION FOR THE DRILLING OF THE
WELL IDENTIFIED AS #31100 TO BE LOCATED IN
CENTER DISTRICT, GILMER COUNTY, WEST VIRGINIA.

DOCKET NO. 190
CAUSE NO. 178

NOTICE OF HEARING

Dominion Exploration & Production, Inc. ("Dominion") has requested the Commission review and approve the drilling of the well identified as 47-021-05589. The proposed well location does not meet the spacing requirements imposed on deep wells. Dominion has requested approval from the Commission for exception to Rule 39-1-4.2

The matter has been scheduled as stated below:

DATE: July 17, 2008

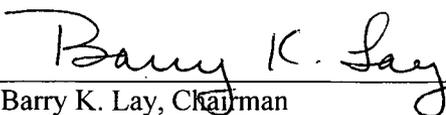
TIME: 10:00 a.m.

PLACE: Department of Environmental Protection
Office of Oil and Gas
601 57th Street, SE
Charleston, WV 25304

IN THE NAME OF THE STATE OF WEST VIRGINIA

OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF WEST VIRGINIA

By:


Barry K. Lay, Chairman

Dated this 2nd day of July, 2008, at Charleston, West Virginia.

Promoting a healthy environment.

SENT BY: OGCC

DEPARTMENT: 190

DO NOT METER

Return Receipt

INTERDEPARTMENTAL MAIL

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.

1. **Alton & Beverly Register**
P O Box 1382
Conover, NC 28613

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

Alton A. Register
 S.S. Agent
 Addressee

B. Received by / Printed Name

Alton A. Register
 10/7/08

C. Date of Delivery

Is address different from item 1? Yes
 No
 Delivery address below:

3. Service Type

- Certified Mail Express Mail
 Registered Return Receipt for Merchandise
 Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee)

 Yes

2. Article Number

(Transfer from service label)

7007 0220 0000 0375 4423

newspaper confirmation

From: legals <legals@exponent-telegram.com>
To: Cindy Raines <CRAINES@wvdep.org>
Date: 7/7/2008 9:55:16 AM
Subject: Re: Legal Ad



Notice will run July 8 & 15.

Becky Charnoplosky
Exponent Telegram
P.O. Box 2000
Clarksburg, WV 26302
Phone: (304)626-1417
Fax: (304)622-3629
Email: legals@exponent-telegram.com

Cindy Raines wrote:

- > Please print the attached as Class II legal ad twice prior to July 17
- > and confirm receipt of this email request.
- >
- > Thank you,
- > Cindy Raines
- > Oil and Gas Conservation Commission
- > 601 57th Street, SE
- > Charleston, WV 25304
- > 304-926-0499 Ext 1656
- >

Dominion Exploration & Production, Inc.
One Dominion Drive, Jane Lew, WV 26378

Mailing Address: P.O. Box 1248
Jane Lew, WV 26378



July 2, 2008

Cindy Raines
Office of Oil and Gas
West Virginia Division of Environmental Protection
601 57th Street
Charleston, WV 25304

Re: Request for Hearing for Well #31100 REV

Dear Ms. Raines,

Dominion Exploration and Production, Inc. requests a hearing with the Oil and Gas Conservation Commission in regards to the spacing issues for Dominion E&P Well #31100 REV.

Please schedule a hearing at your earliest convenience.

Please give me a call at 304-884-2086 to notify me when the hearing will take place or if you have any questions.

Sincerely,

A handwritten signature in cursive that reads "Russell Tallhamer".

Russell Tallhamer, CPL
Landman
Dominion E&P, Inc.

26

Form: WW - 2B

2105589

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

2 1 514

1) Well Operator Dominion Exploration & Production, Inc. Operator ID County District Quadrangle
Gilmer Center Normantown

2) Operators Well Number: 31100 REV 3) Elevation: 1023'

4) Well Type: (a) Oil or Gas X
(b) If Gas: Production X / Underground Storage
Deep RTX / Shallow

EXHIBIT #
Dominion 4

5) Proposed Target Formation(s): Marcellus 1st all

6) Proposed Total Depth: 6305 Feet

7) Approximate fresh water strata depths: 20' '300'

8) Approximate salt water depths: None

9) Approximate coal seam depths: No Mineable Coal

10) Does land contain coal seams tributary to active mine? No

11) Describe proposed well work Drill new well Drill 100' into Onondaga for rat hole purposes only

12) CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft	For Drilling	Left in Well	Fill -up (Cu. Ft.)
Conductor	13.375	L.S.		30	30	Sand In
Fresh Water	9.625	L.S.	26	350	350	CTS
Coal						
Intermediate	7.00	L.S.	19	1900	1900	CTS
Production	4.50	M-65	10.5	6255	6255	300 sks
Tubing						
Liners						

Packers: Kind
Sizes
Depths Set

Doel
6-3-2008

Ch 014183
650

RECEIVED
OFFICE OF OIL & GAS
SEP 10 2008
WV Department of
ENVIRONMENTAL PROTECTION

DOMINION EXPLORATION and PRODUCTION

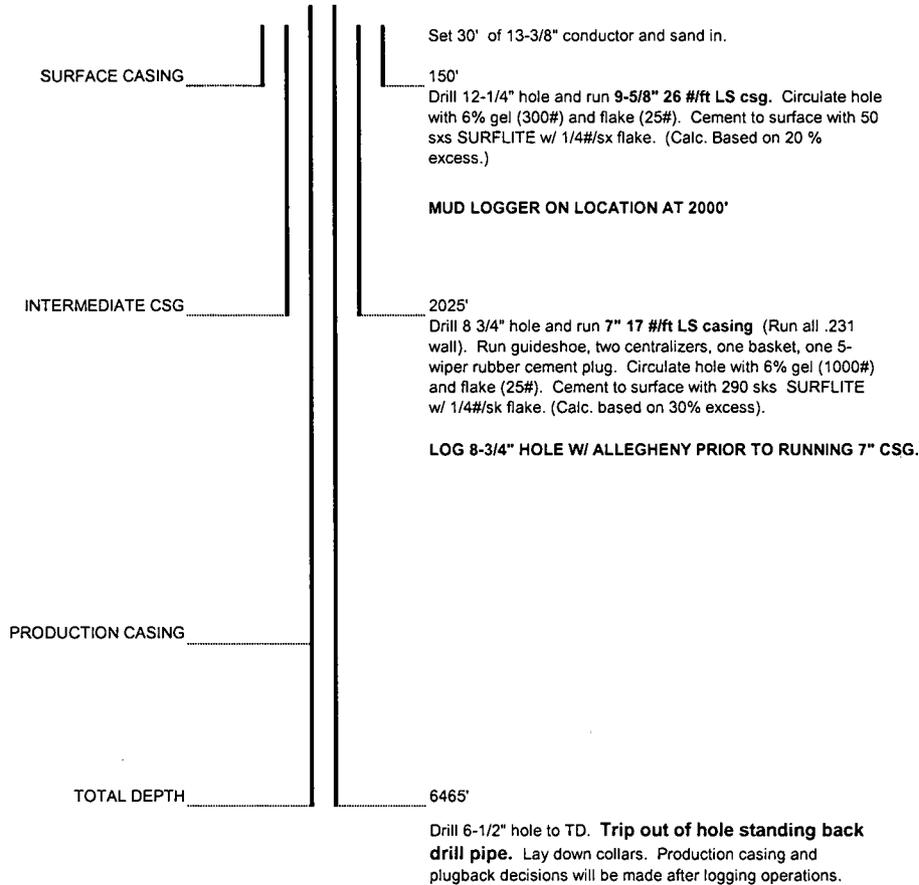
WARREN RIG #3

WELL NO: 15458
 FARM NAME: COASTAL LUMBER CO.
 COUNTY: GILMER
 STATE: WV
 DISTRICT: CENTER
 QUAD: MILLSTONE
 PERMIT: 47-210

CEMENT COMPANY: BJ SERVICES
 LOGGING COMPANY: WEATHERFORD/SCHLUMBERGER
 CASING SUPPLIER: MCJUNKIN
 PIT LINER: 100 x 200

9-5/8" _____ 250 BBLs
 7" _____ 500 BBLs
 4 1/2" _____ 300 BBLs

GROUND ELEVATION: 1116'



Set 30' of 13-3/8" conductor and sand in.

150'
 Drill 12-1/4" hole and run 9-5/8" 26 #/ft LS csg. Circulate hole with 6% gel (300#) and flake (25#). Cement to surface with 50 sxs SURFLITE w/ 1/4#/sx flake. (Calc. Based on 20 % excess.)

MUD LOGGER ON LOCATION AT 2000'

2025'
 Drill 8 3/4" hole and run 7" 17 #/ft LS casing (Run all .231 wall). Run guideshoe, two centralizers, one basket, one 5-wiper rubber cement plug. Circulate hole with 6% gel (1000#) and flake (25#). Cement to surface with 290 sxs SURFLITE w/ 1/4#/sk flake. (Calc. based on 30% excess).

LOG 8-3/4" HOLE W/ ALLEGHENY PRIOR TO RUNNING 7" CSG.

Drill 6-1/2" hole to TD. Trip out of hole standing back drill pipe. Lay down collars. Production casing and plugback decisions will be made after logging operations.

WILL TRIP BACK TO BOTTOM WITH BIT AND HOLE WILL BE LOADED AND CIRCULATED WITH DRILLING MUD FOR TAKING SIDEWALL CORES AFTER FIRST LOGGING SUITE

LOGGING PROGRAM

SCHLUMBERGER WILL RUN HIGH RES & ECS LOG ON AIR HOLE. PLAN FOR 24 HRS OF LOGGING.

9-625" FLOAT EQUIP.

Centralizers 0
 Basket 1
 Guildeshoe 0

7" FLOAT EQUIP.

Centralizers 5
 Basket 1
 Guildeshoe 1

4.5" FLOAT EQUIP.

Centralizers 10
 Basket 1
 Float shoe 1

CASINGHEAD

7" X 4.5" FEMALE



WELL DETAIL SUMMARY REPORT

Today: 2/7/2008 Page 2

As Of: 1/28/2008

WELL: NWW 15458 BENNETT, HUNTER

Event: 1

Description: DEVELOPMENT DRILL & COMPL

Operations Summary

11/17/07 SICIP - 700 PSI. OPEN FLOW - 300 MCF. STILL BRINGING FRAC FLUID AND OIL.
NOW SWABBING TO 100 BBLS TANK. 70 BBLS IN TANK, MOSTLY OIL.
Date : 11/20/2007

11/15/07 SICIP - 650#. CLEANED WELL OUT TO TD @ 5840'. WELL MAKING 150' FLUID
EVERY HALF HOUR. O.F. - 298 MCF.
Date : 11/15/2007

11/14/07 SICIP - 700#. CLEANED WELL OUT TO TD @ 5845'. WELL MAKING 200' FLUID
EVERY HALF HOUR. O.F. - 300 MCF.
Date : 11/14/2007

11/13/07 SICIP - 700#. CLEANED WELL OUT TO TD @ 5845'. WELL MAKING 100' FLUID
EVERY HALF HOUR. O.F. - 300 MCF. SHOW OF OIL.
Date : 11/13/2007

11/12/07 SICIP - 1150#. CLEANED WELL OUT TO TD @ 5850'. WELL MAKING 100' FLUID
EVERY HALF HOUR. SHOW OF OIL.
Date : 11/12/2007

11/09/07 SICIP - 1500#. WELL MAKING 0 FLUID EVERY HALF HOUR. O.F. - 300 MCF.
DID NOT GET BAFFLES DRILLED OUT.
Date : 11/9/2007

11/08/07 MEEKS RAN BOND LOG. TD - 5972'. TOC - 4310'. MEEKS PERFED AND UNIVERSAL
FRACED AS FOLLOWS:
LOWER RHINESTREET, 5708'-5810', 21 HOLES, BD 3030#, AVG RATE 26 BPM,
AVG PRESS 3660#, 259 BBLS, TOT SAND 27,000#, 555 MSCFN2, ISIP 2240#
UPPER RHINESTREET, 5625'-5647', 28 HOLES, BD 1920#, AVG RATE 26 BPM,
AVG PRESS 2810#, 166 BBLS, TOT SAND 6,000#, 344 MSCFN2, ISIP 2110#
ELK, 5160'-5207', 26 HOLES, BD 2265#, AVG RATE 30 BPM, AVG PRESS 2876#,
199 BBLS, TOT SAND 30,500#, 434 MSCFN2, ISIP 1950#
Date : 11/8/2007

10/30/07 SCHLUMBERGER CUT SIDEWALL CORES. RAN 141 JTS PLUS 3 PUPS OF 4 1/2"
10.5#, MEASURE 5975'. SHOE @ 5985' KB. LATCH @ 5975'. RAN 2 BAFFLES.
BJ CEMENTED WITH 170 SKS CBL POZ. PD @ 11:00 PM. ETOC @ 4000'. HOLE
DID NOT CIRCULATE.
Date : 10/30/2007

10/25/07 DRILLING 6 1/2" HOLE @ 5275' (DUSTING). CARRYING AN ODOR OF GAS.
Date : 10/24/2007

10/24/07 DRILLING 6 1/2" HOLE @ 3800' (DUSTING). CARRYING AN ODOR OF GAS.
Date : 10/23/2007

10/23/07 DRILLING 6 1/2" HOLE @ 2500' (DUSTING). GAS CHECK @ 2363' - ODOR.
Date : 10/22/2007

10/22/07 TD 8 3/4" HOLE @ 2083' (SOAPING). WEATHERFORD RAN TOP HOLE LOG.
RAN 49 JTS OF 7" 17#, MEASURE 2058'. BJ CEMENTED WITH 290 SKS. PD @ 6:30 AM.
CIRCULATED CEMENT. WOC 8 HRS.
10/21/07 DRILLING 8 3/4" HOLE @ 1315' (SOAPING). PICKED-UP 1/4" OF WATER @ 935'.
10/20/07 DRILLING CEMENT.
10/19/07 SPUD @ 9:00AM. SET 30' OF 13 3/8" CONDUCTOR. TD 12 1/4" HOLE @ 189' (SOAPING).
HOLE DAMP @ 50'. RAN 4 JTS OF 9 5/8" 26#, MEASURE 164'. SCHLUMBERGER
CEMENTED WITH 55 SKS. PD @ 8:00 PM. CIRCULATED CEMENT. WOC 8 HRS.
Date : 10/19/2007

10/18/07 MOVING ON WARREN RIG #3.



WELL DETAIL SUMMARY REPORT

Today: 2/7/2008 Page 1
As Of: 1/28/2008

WELL: NWV 15458 BENNETT, HUNTER

Event: 1

Description: DEVELOPMENT DRILL & COMPL

WELLID#: WWW15458 PUD#: _____ Company ID: _____ Well Type: DEV PLAN MD: 5,000 Field: SAND RIDGE Spud Date: 10/19/2007 Permit #: _____ TD: 6,333 TVD: 0 PBTD: 0 DSS: _____ CMIC: _____ GL: 1116 KB: _____	API#: 47-021-05516 State: WV County: GILMER Operator: DOMINION EXPLORATION & PRODUCTIOI Plan Formation: DEVONIAN SHALE Partner: _____ T.I.L. Date: 01/24/2008 TD Date: 10/26/2007 Contractor: _____ Phone Number: _____ Rig Name: WARREN RIG #3	AFE#: 0702687 Ext. AFE#: _____ AFE Net: 357,814.00 AFE Gross: \$357,814.00 WI: 100.000 NRI: 87.500 Cum. DC:\$ 321,360.00 Cum. CC:\$ 0.00 CWC:\$ 321,360.00
--	---	--

Operations @Report Time: TIL - FINAL REPORT

Initial Production Rates: MCFD: BOPD: BWPD: SICP: FOF: Tubing:

CASING DATA

Casing String	OD size	Weight	Grade	Conn	Hole Size	Shoe Depth	Run Date	# Cent.	Contractor

CEMENT DATA

Casing String	Plug Time	CMT Type	Sacks	BBL Returns	Additives

ZONE PERFORATION DATA

ZONE	DATE	Start Depth(ft)	End Depth(ft)	Total Shots	Hole Size	Comments

STIMULATION DATA

ZONE	DATE	Vol(bbls)	# Prop	Max SD Conc	Total N2 (mscf)	Max Pres(psi)	Avg Pres/Avg Rate(psi)	Contractor

Operations Summary

Date : 1/28/2008
 01/24/08 TIL - SICP - 550#. INITIAL PRODUCTION - 45 MCF/D.
 12/14/07 SICP - 225#. F.O.F - 280 MCF/D.

FINAL REPORT

Date : 1/25/2008
 01/16/08 SWABBED TO 5800'. TANK @ 4'6" MOSTLY OIL. LEFT ON 1/8" CHOKE OVERNIGHT.
 01/15/08 WELL HAD 0# ON CASING. HIT FLUID @ 4800'. SWABBED DOWN TO 5800'.
 TANK @ 3'6" MOSTLY OIL.
 01/14/08 SICP - 550#. PULLED TANK TO 3" BLEW DOWN AND SWABBED TANK @ 1'.
 LEFT ON 1/2" CHOKE. NITROGEN @ 12%.
 01/11/08 COLLECTING GAS SAMPLE TODAY. WELL HAS MADE 300 BBLs @ 75% OIL
 WHILE SWABBING. 110# ON CASING. SWABBED DOWN TO 5600'. TANK @ 9'7"
 ALL OIL. SHUT-IN.
 01/10/08 120#. DRAINED WATER OFF TANK TO 6'6". SWABBED TO 5000'. TANK @ 7'8".
 ALL OIL.

Date : 1/10/2008
 01/09/08 PIPELINE COMPLETE. 150#. SWABBED 7'5" TO 8'6". LEFT ON 1/8" CHOKE.
 01/08/08 110# ON WELL HEAD. SWABBED TO 5500'. 4'3" TO 8'5".

Date : 1/8/2008
 01/07/08 COLLECTING GAS SAMPLE. SICP - 350#. PULLED TANK. MOSTLY OIL. SWABBED
 2" TO 4'3". SWABBED DOWN TO 4200'. LEFT ON 1/8" CHOKE OVERNIGHT.
 01/04/08 SWAB WELL. 8'6" TO 9'7". SHUT IN WELL OVER WEEKEND.

Date : 1/4/2008
 01/03/08 WELL LOADED WITH OIL. FLUID @ 2700'. WELL HAD 55# THROUGH 8" CHOKE
 OVERNIGHT. 6'11" TO 8'6" IN TANK. MOSTLY OIL.
 01/02/08 SWABBED 2'11" 16% NITROGEN. WELL HAD 110# BLOWING THROUGH 8" CHOKE
 OVERNIGHT.

Date : 1/3/2008
 12/18/07 MOVING IN FLOWBACK CREW TODAY.

Date : 12/17/2007
 12/14/07 SICP - 225#. FLOWED 3" FLUID. O.F. - 280 MCF. 21.6% NITROGEN.
 12/13/07 SICP - 360#. FLOWED 4" FLUID.
 12/12/07 SICP - 950#. WELL OPEN TO TANK FOR FLOW BACK. NITROGEN @ 30%.
 FLOWED 8" FLUID - 50 WATER, 50 OIL. O.F. - 320 MCF.

Date : 12/11/2007
 11/28/07 CLEANED WELL OUT TO 5845'. O.F. - 300 MCF/D. MAKING 75% OIL. WAITING
 ON PIPELINE.

Date : 12/5/2007
 11/28/07 STARTING ON PIPELINE 12-04-07

Date : 11/27/2007
 11/19/07 SWABBED WELL CLEAN TO 5845'. MAKING 75% OIL. O.F. - 300 MCF/D. RELEASED
 RIG.

1) Date: May 13, 2008
2) Operator's Well Number 31100 REV

3) API Well No.: 47 - 021 - 05589
State County Permit

**STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE AND APPLICATION FOR A WELL WORK PERMIT**

4) Surface Owner(s) to be served:
(a) Name Coastal Lumber Company ✓
Address P.O. Box 797
Buckhannon, WV 26201
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector David Gilbert
1727 Horsefork Road
Wallback, WV 25285
1-304-389-3705

5) (a) Coal Operator
Name _____
Address _____
(b) Coal Owner(s) with Declaration
Name See attached list
Address _____
Name _____
Address _____
(c) Coal Lessee with Declaration

TO THE PERSONS NAMED ABOVE TAKE NOTICE THAT:

OR Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas

X Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

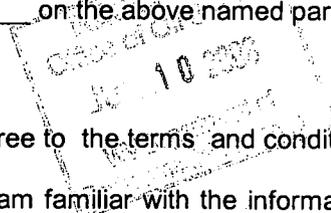
I certify that as required under Chapter 22-6 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through _____ on the above named parties by:

- _____ Personal Service (Affidavit attached)
- X Certified Mail (Postmarked postal receipt attached)
- _____ Publication (Notice of Publication attached)

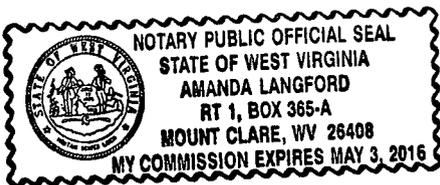
I have read and understand Chapter 22-6 and 35 CSR 4, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.



Well Operator Dominion Exploration & Production, Inc.
By: Rodney J. Biggs *RT*
Its: Designated Agent-Vice President - Operations
Address P.O. Box 1248
Jane Lew, WV 26378
Telephone 304-884-2086 - Please contact Rusty Tallhamer - Landman



Subscribed and sworn before me this 5th day of June, 2008

Amanda Langford Notary Public
My Commission Expires May 3, 2016

Coal Owners To Be Notified ✓
Well #31100 REV
Alton and Beverly Register
P. O. Box 1382
Conover, NC 28613

Hunter M. Bennett, Jr. ✓
TR U/M Hunter M. Bennett
P. O. Box 166
Weston, WV 26452

Gertrude B. Howell Estate ✓
C/O Hunter M. Bennett, Jr., Admr.
P. O. Box 166
Weston, WV 26452

Margaret Cheney Estate ✓
Hunter M. Bennet, Jr., Trustee
P. O. Box 166
Weston, WV 26452

Hunter M. Bennett, Jr. ✓
Attorney in Fact for John Brannon Bennett Heirs
P. O. Box 166
Weston, WV 26452



INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE
Chapter 22, Article 6, Section 8(d)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book/Page
Louis Bennett	Hope Natural Gas Company	F/R	0056/0246 Calhoun 0170/0127 Gilmer



Well Operator: Dominion Exploration & Production, Inc.
By: Rodney J. Biggs *RJ Biggs* RT
Its: Designated Agent-Vice President - Operations

21-05589

West Virginia Division of Environmental Protection
Office of Oil and Gas

NOTICE TO SURFACE OWNERS

The well operator named below is preparing to file for a permit from the state to drill a new well. Before a well work permit can be filed with the Chief of the Office of Oil and Gas, the well operator is required to have given notice of the right to request water well or spring analytical testing. This notice shall be given to the owners or occupants of land which have a water well or spring being utilized for human consumption, domestic animals, or other general use and which is located within 1000 feet of the proposed well site.

With this form, the operator is giving you notice of your right to request analytical testing. The operator is required to sample and analyze the water wells or springs of all owners or occupants who request it. Therefore, if you wish to have your water well or spring tested, contact the operator named below.

All sampling shall be completed prior to drilling. Within thirty (30) days of the receipt of such sample analyses the operator shall submit the results to the Chief of the Office of Oil and Gas and to the owners or occupants who may have requested them.

If no water well or spring is located within 1000 feet, the Chief may require the operator to sample and analyze water from a water well or spring within 2000 feet of the proposed well site.

Be advised, you have the right to sample and analyze any water supply at your own expense.

The laboratory used by the operator to analyze the samples will be approved by the Chief. The operator named below has decided to use the following laboratory to analyze the water samples:

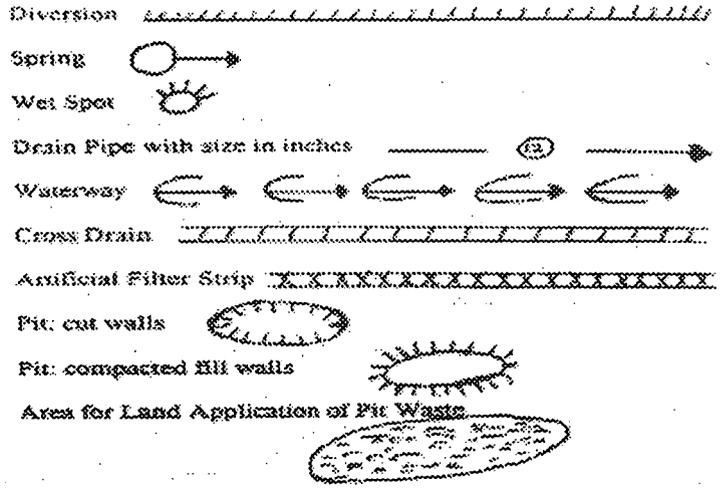
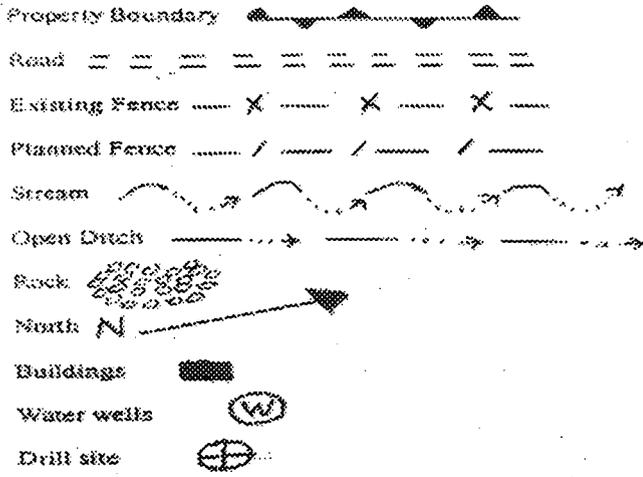
<input checked="" type="checkbox"/>	Contractor Name	<u>Reliance Laboratories, Inc.,(304) 842-5285</u>
<input type="checkbox"/>	Well operator's private laboratory	<u>P.O. Box 4657, Bridgeport, WV 26330-4657</u>
	Well Operator	<u>Dominion Exploration & Production, Inc.</u>
	Address	<u>P.O. 1248</u>
		<u>Jane Lew, WV 26378</u>
	Telephone	<u>304-884-2000</u>

FOR OPERATOR'S USE ONLY: Below, or on an attached page, list those persons which were given this notice. Place an asterisk beside the one(s) that contacted you and requested sampling and analyses. If there were no requests made, indicate by underling which one you have selected to sample and analyze. If there are no water wells or springs within 1000 feet of the proposed site please indicate such.

NONE

21-05589

LEGEND



Proposed Revegetation Treatment: Acres Disturbed _____ Prevegetation pH _____

New Construction + $\frac{0.2+/-}{ac.}$ + Existing Road $\frac{6.2+/-}{ac.}$ + Location and Pit $\frac{1.0+/-}{ac.}$ = $\frac{7.4+/-}{ac.}$

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer (10-20-20 or equivalent) 500 lbs/acre (500 lbs minimum)

Mulch 0.5 - 0.75 Tons/acre or hydro-seed Wood Fiber
 Mulch 2 - 3 Tons/acre Hay or straw (will be used when needed)

Seed Mixtures

Area I		Area II	
Seed Type	lbs/acre	Seed Type	lbs/acre
Tall Fescue	40	Tall Fescue	40
Annual Rye	10	Annual Rye	10
Ladino clover	5	Ladino clover	5
Birdsfoot Trefoil	10	Birdsfoot Trefoil	10

Attach:
 Drawing(s) of road, location, pit and proposed area for land application.

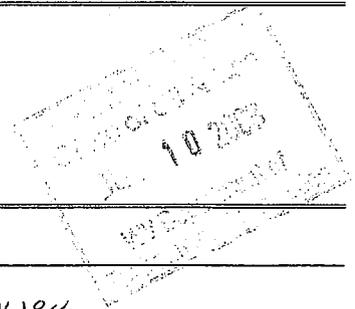
Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Dave Albert

Comments: Will need to apply for Spacing Waiver
see Proposed Dominion 31025

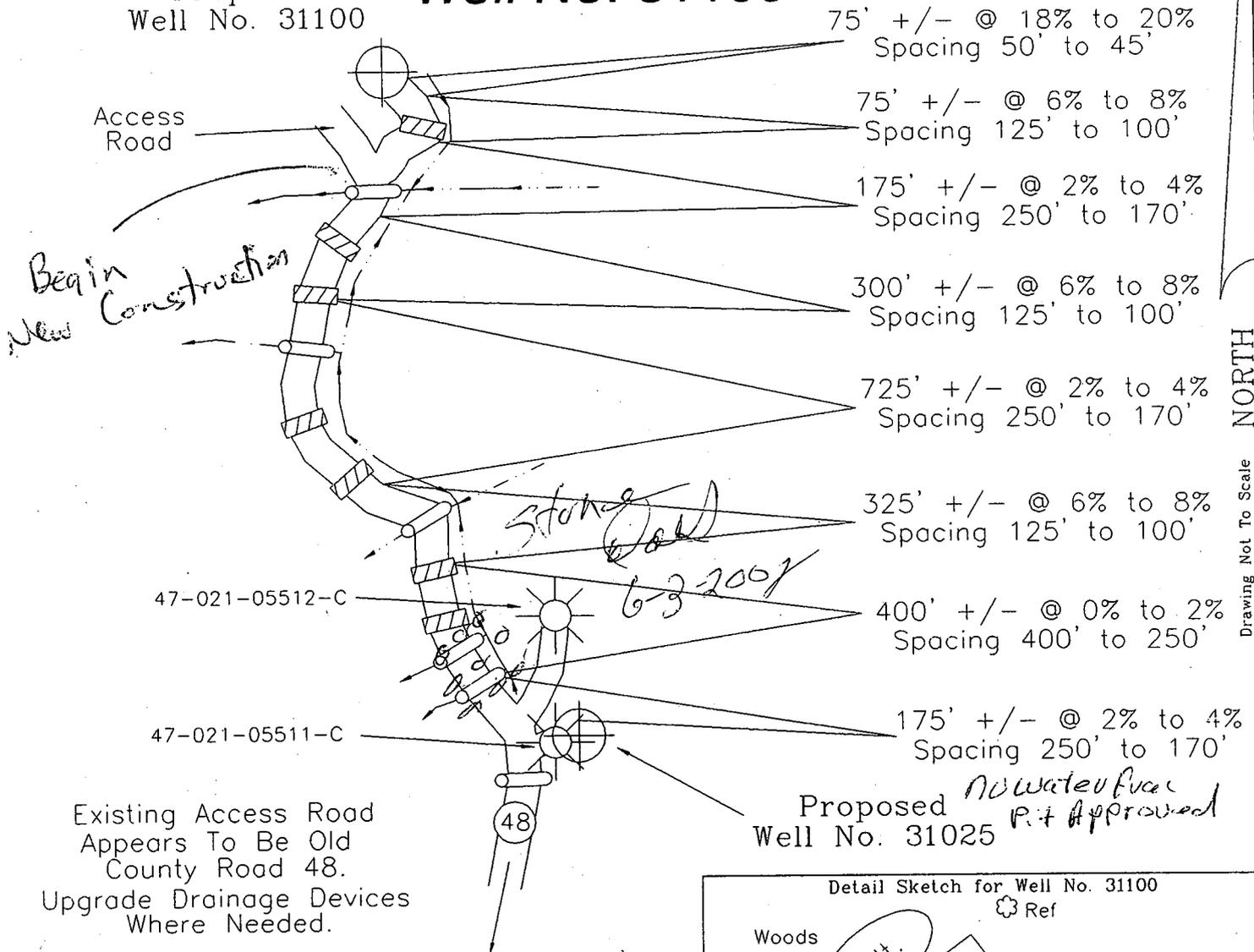
Title: District Supervisor Date: 6-3-2008

Field Reviewed? Yes No



Dominion Exploration & Production, Inc. Well No. 31100

Proposed
Well No. 31100



Drawing Not To Scale

See Rec Plan
For Dominion 31025

Install Minimum 12" Culvert

ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH D.E.P. OIL AND GAS BMP MANUAL ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.O.T. REGULATIONS. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.

SEDIMENT BASINS TRAPS AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND OUTLETS AS REQUIRED IN THE WV D.E.P. OIL AND GAS BMP MANUAL. FIELD CONDITIONS (ROCK OUTCROPS AND BEDROCK) MAY PROHIBIT INLET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS EXIST ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED

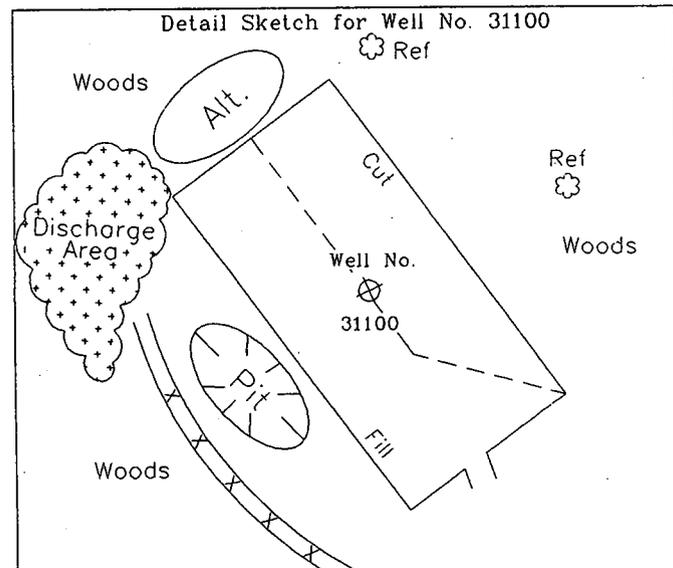
EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATION TO THE OPERATOR AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.

CONTRACTORS/COMPANY ARE RESPONSIBLE FOR LOCATING UTILITIES WHETHER SHOWN ON THIS PLAN OR NOT.

TEMPORARY SEED AND MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

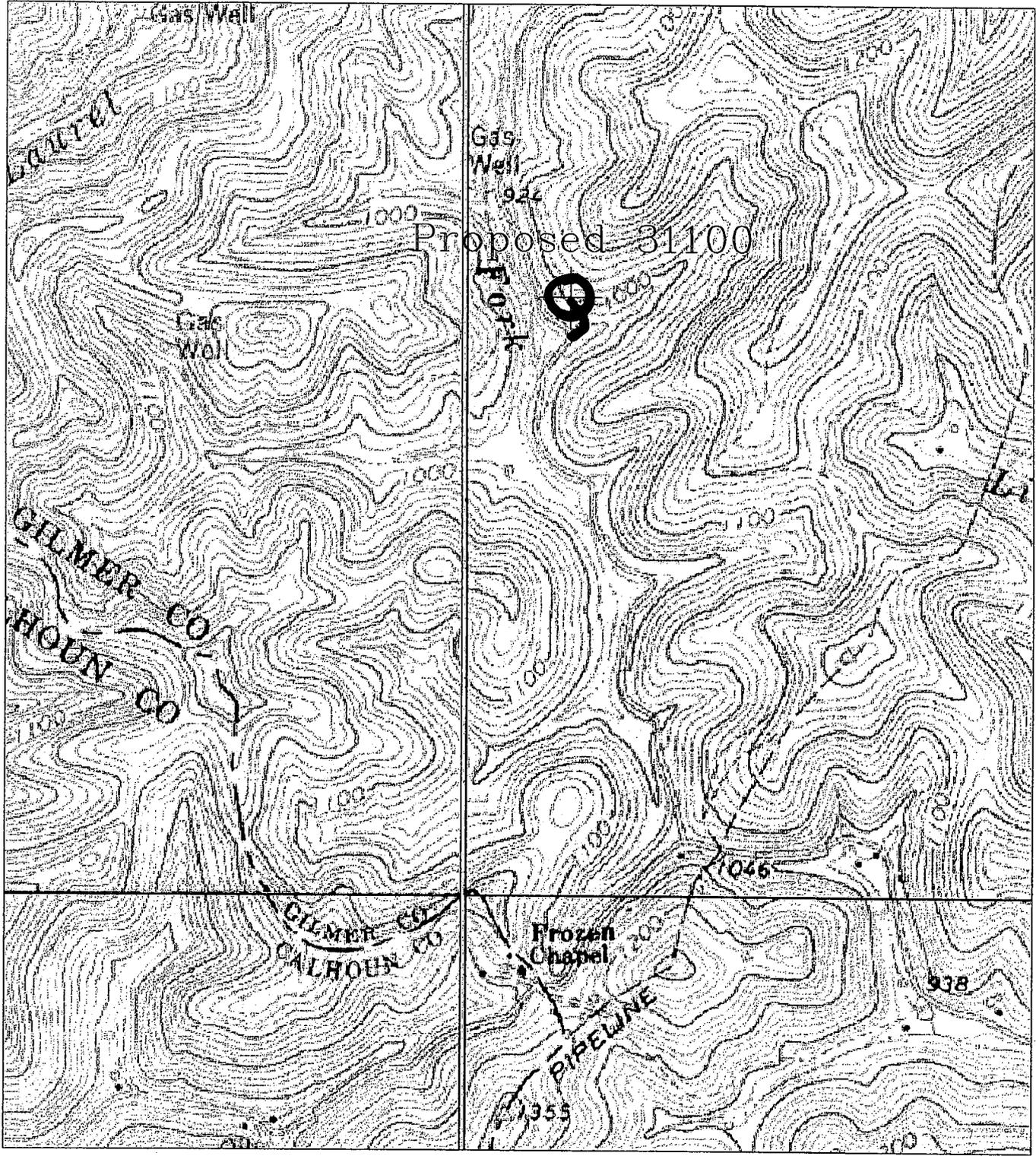
CUT AND STACK ALL TIMBER ABOVE 6-INCHES AND ABOVE.

STACK BRUSH BELOW LOCATION FOR SEDIMENT CONTROL.



HUPP Surveying & Mapping P.O. BOX 647 GRANTSVILLE, WV 26147 PH: (304)354-7035 E-MAIL: hupp@frontiernet.net	Drafted BY:	Date Drafted:	Job Number:
	DB	04/29/08	W20061481

DOMINION Well No. 31100



NORTH

HUPP Surveying & Mapping

P.O. BOX 647 GRANTSVILLE, WV 26147
PH: (304)354-7035 E-MAIL: hupp@frontiernet.net

1" = 1000'
Normantown Quad

Dominion Ex. & Prod. Inc.
P.O. Box 1248
Jane Lew, WV 26378

7006 2150 0002 8921 4038

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Certified Fee	2.70
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Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	6.92



Sent To: Hunter M. Bennett, Jr.
AIF for John Brannon Bennett Heirs
Street, Apt. or PO Box: P.O. Box 166
City, State, ZIP: Weston, WV 26452
31123, 31100-Rev, 31025-Rev

7006 2150 0002 8921 3499

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Sent To: Margaret Cheney Estate
Hunter M. Bennett, Jr., Trustee
Street, Apt. or PO Box: P.O. Box 166
City, State, ZIP: Weston, WV 26452
31123, 31100-Rev, 31025-Rev

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Sent To: Gertrude B. Howell Estate
C/o Hunter M. Bennett, Jr., Admr.
Street, Apt. or PO Box: P.O. Box 166
City, State, ZIP: Weston, WV 26452
31123, 31100-Rev, 31025-Rev

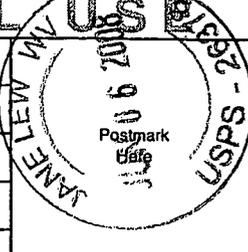
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Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	6.92



Sent To: Hunter M. Bennett
TR U/M Hunter M. Bennett
Street, Apt. or PO Box: P.O. Box 166
City, State, ZIP: Weston, WV 26452
31123, 31100-Rev, 31025-Rev

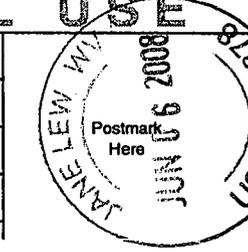
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Total Postage & Fees	6.92



Sent To: Alton & Beverly Register
P.O. Box 1382
Street, Apt. or PO Box: Conover, NC 28613
City, State, ZIP: 31123, 31100-Rev, 31025-Rev

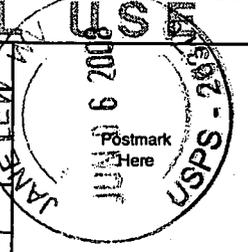
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Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	6.92



Sent To: Coastal Lumber Company
P.O. Box 797
Street, Apt. or PO Box: Buckhannon, WV 26201
City, State, ZIP: 31123, 31100-Rev, 31025-Rev

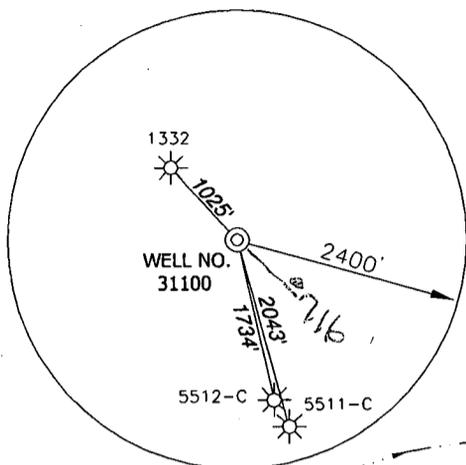
LOUIS BENNETT LEASE

WELL NO. 31100

19,500 AC±

COASTAL FOREST RESOURCES CO.
8876.24 ACRES±

PROPOSED
31100



WELL NO. 31100
L & L DECIMAL
38.76153
80.99747

WELL NO. 31100
STATE PLANE
COORDINATES
(N) 641436
(E) 2000719

COASTAL FOREST RESOURCES CO.
8876.24 ACRES±

NOTES ON SURVEY

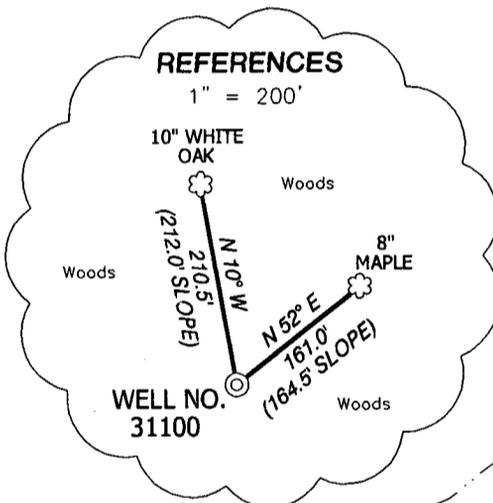
TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV SOUTH ZONE NAD '27.

TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 04-07-08.

LEASE BOUNDARY SHOWN HEREON TAKEN FROM A DEED RECORDED IN DEED BOOK 240 AT PAGE 86 AND INFORMATION PROVIDED BY DOMINION EXPLORATION & PRODUCTION, INC.

SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF GILMER COUNTY IN JANUARY, 2008 AND INFORMATION PROVIDED BY DOMINION EXPLORATION & PRODUCTION, INC.

WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).



47-021-01332
Access Road
N 43°16' W 7025'
Bear Fork
S 11°46' E 1734'
S 14°25' E 2043'
47-021-05512-C
47-021-05511-C
Access Road
48

10,990'
LAT. 38°45'41.5"

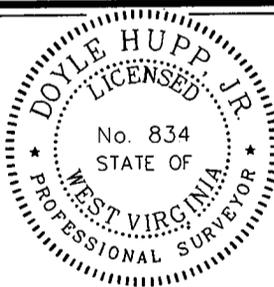
COE 5/5/08

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. 834

Doyle Hupp Jr.

HUPP Surveying & Mapping
P.O. Box 647 Grantsville, WV 26147
(304) 354-7035 EMAIL: hupp@frontiernet.net



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE APRIL 29, 2008

OPERATORS WELL NO. 31100 Rev

API WELL NO. 47-021-05589
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. W1481 (BK 36-14)

PROVEN SOURCE OF ELEVATION DGPS (SUBMETER GRADE) SCALE 1" = 500'

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS



WELL TYPE : OIL GAS CBM LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION : ELEVATION 1,023' WATERSHED BEAR FORK

DISTRICT CENTER COUNTY GILMER QUADRANGLE NORMANTOWN 7.5'

SURFACE OWNER COASTAL LUMBER CO. ACREAGE 8,876.24±

ROYALTY OWNER LOUIS BENNETT HEIRS, et al LEASE ACREAGE 19,500±

PROPOSED WORK : LEASE NO. 28170

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER

PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION DEVONIAN SHALE
ESTIMATED DEPTH 6305'

WELL OPERATOR DOMINION EXPLORATION & PRODUCTION, INC. DESIGNATED AGENT RODNEY J. BIGGS

ADDRESS P.O. BOX 1248 JANE LEW, WV 26378 ADDRESS P.O. BOX 1248 JANE LEW, WV 26378

COUNTY NAME PERMIT