

WIS FORM DEMO WCR

What I'd like to do next is go to the third form that we have; the well completion report. Word of caution; this is the most complicated form in the WIS application and does take a little bit of extra time to complete just to warn you right up front.

As we've previously seen with the other forms; the first time you do your first well completion you'll have to come in and browse your processes, click on the WIS folder and open up a well completion report from scratch. Again the well completion report is probably the longest and most complicated report; so I would caution you if you're a first time user of the WIS application and you do well completion reports and only well completion reports you might practice on one of the other forms to begin with just to get the feel of the form; either the sundry notice or the notice of staking because they're very relatively short forms before you try your hand at the well completion report. Okay what we'll do is we'll walk through the well completion report from top to bottom and we'll point out some features as we go along. The first thing we want to do is select our field office. We're going to send this well completion report to the Mile City, Montana field office and it's an oil well. Now again as we've seen in our previous screen; we can come up and do an auto fill select profile only and you notice that the information in your profile will be dropped into the form. Some information will still be left outstanding. You can go ahead and add in your information, noting that the starred and bolded items are required and we'll backtrack just a little bit because I missed a form. This is a brand new well so we're going to go on down. My administrative contact is the same as the technical contact so we've marked

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that there and I'm going to go ahead and start filling in the state and this is a well in Montana and again you'll notice you can use your tab to move from the forms. Pick lists are noted by these little pull down menu. I really encourage the use of the tab keys because it kind of keeps you on track and makes sure that you don't miss anything. Latitude and longitude is not now required but strongly encouraged so if you do have latitude and longitude go ahead and fill that information in. If the bottom hole location is the same as the surface location you simply click here but in the event that this is a directionally drilled well you'd go ahead and unclick this box and put in the information as far as the bottom hole location or now producing interval location. This is a straight hole so we're going to go ahead and specify that the producing interval and the bottom hole location is the same. Again if it's not you can go ahead and fill that in. Again keep in mind that the lease number is edited toward the particular field office so you have to use the correct lease number for the correct field office. That way you don't send a well completion report to Hobbs, New Mexico when it actually should've gone to Montana. So we go ahead and fill in the appropriate blocks; again put in the date that the well was spudded. Most of the dates in WIS are smart in the sense that if you type in month space day space year and the two digit year; tab out of that field and it'll correct it towards the correct format and if you do a mistake; if you have a mistake in that field it'll actually prompt you to fix it. Again you'll specify your elevation and the reference point for your elevation and note whether the well was dry and abandoned or ready to be produced. Go ahead and fill in the rest of the form. If this is a straight hole we just need the measured

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depth, not the true vertical depth, the plug back level and where the bridged plug was set. Again every company has a slightly different abbreviation for well logs and you can go ahead and put those in whether and note whether the well was cored, a DST was run and since this is a straight hole we did not do a directional survey.

Now we come to a little bit more complicated section that sometimes creates data quality issues with BLM. We always want to make sure that we fill in all the information on this particular line. Now one thing you'll notice is that I'm working my way across the form from top to bottom including the information that was included in the well completion report submitted by my engineer. One thing that you need to be aware of as you fill in the information on your hole size and your casing size is that you want to fill in complete information from left to right even if it's zeros. So if my next portion of the whole was still 12 inches with 10 inch casing sides with a little bit of a different casing grade; I still want to fill in that information all the way across. If you leave certain information blank; it will actually cause a disconnect in the information and when the information comes across to BLM will actually have some disconnects in the portion; so you want to make sure that you fill in your hole size, your casing size; everything in block 40 all the way across. There are some edits in this particular field that will allow certain grade of casing, certain size of casing and what you'll get if those casing sizes or information is not correct; it will actually give you an edit when you get ready to send the form and I think we're just about done with this last line and

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we'll move on and you remember save early; save often. We can either go to the bottom of a form by scrolling downward or go to the top of the form and save our work. It's very important that you get in the habit of saving your work on a regular basis early and often. So let's go back to where we were on the form and we're done with the casing and cementing and we'll now put in our tubing size.

Now what you'll notice is that the form will actually create or convert all your characters to uppercase when you type those in. You also want to put in your perforation records, top and bottom footages, the size of your perforations, the number of perforations per foot and whether or not those perforations are open or closed. We also want to note any kind of treatment that we did in the well.

Want to come down after we've noted the either the acid, the fracture, the treatment or the cement squeeze. We did remember to do one more thing here.

We always want to choose our production method and this is going to be an electric pumping unit at the surface and the well is currently producing. Always want to make sure that we put in the production interval test information. We tested this well on March 1st which is the same day that we produced the well.

We tested it for 45 hour; we recovered 4 thousand barrels of oil, 12 thousand mcf and 45 dollar barrels of water. The gravity was 45.9 and the gas gravity was 78.2. Choke size was a third of an inch, tubing pressure was 345 lbs., 500 lbs. tubing pressure shut in, casing pressure was 789 and what will happen is when we actually submit this information the 45 hour test will translate into a 24 hour rate. Okay we only produced and tested one interval, the gas was flared during

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the test and we have one porous zone. If you have any markers, coal zones, fresh water zones; anything like that. What you can do is put your formation log markers in there and again you can drag and drop from a word processing software additional remarks from that processing software into block 53. We're going to send our logs to the BLM by an attachment. We'll do a log set or geologic report, the DST, we did not do a directional survey and we didn't plug it because it because this is a producing well. Again we'll double check the name, agent, the title and today's date. If every thing's good to go we'll come down and save our work again. Come back to the bottom of the form, make sure route is selected and click OK. If we've done everything correctly in the form, the form will actually come to this screen we can come down and click on submit and we're good to go.

Now when we're done we'll come back to this page and go back to our action items, my processes and what you'll see in the very top is there's your well completion report. It's at step 1 of 7 so that means it's gone to the BLM. Also if you have other completion reports that you need to build that are very similar to this one, we can go to the bottom of a form, select the clone feature, say OK, don't forget to save your work and then we can either come back and modify this form at this time or close the form and come and modify it at a later date. Just one more slight labor saving device we've tried to offer and that concludes this session.