

DATE	RRC ACTION	EPA ACTION	LIPSKY ACTION	NOTES
January 14, 2011	RRC staff meet with Range Resources. Range presents preliminary findings of well testing (Teal well), water well sampling and soil gas sampling.			
January 10, 2011	The RRC hearing re: Range Resources, previously rescheduled for January 18, 2011, is rescheduled for January 19 to accommodate Ms. Rich's deposition.			
January 6, 2011	RRC staff witness soil gas survey and water well sampling performed on Lipsky property. District personnel noted that the PVC line from the Lipsky well is not connected to the home's water supply tank.			
January 5, 2011	Commission held hearing regarding motion to compel EPA staff, Mr. Lipsky and Ms. Rich to comply with discovery. The hearings examiner granted the motion that Mr. Lipsky and Ms. Rich give their depositions consistent with the terms proposed by their attorney, and Lipsky must provide access to his property. The Jan 10 hearing was continued to Jan 18th.			
January 4, 2011	RRC staff contacts Range to request status update. Range reports that their consultants have completed all of the ground water and headspace samples at all of the water wells they targeted except for these exceptions: they were not granted access to the Lipsky well and the well that was identified as well #3 (persons at this location stated there was no water well and that they were served by the public water supply system.) The last samples were taken today. Range also has collected samples of the production gas off the Butler Unit #1-H and Teal Unit #1-H and bradenhead gas off the Butler Unit #1-H.			
December 30, 2010	RRC receives notice of Range's planned spiral segmented cement bond log on the Teal Unit #1-H, scheduled for December 31. RRC staff witness is scheduled.			
December 30, 2010	Soil gas survey, previously underway, is delayed due to weather. Range notifies RRC that work will resume January 3, 2011.			
December 28, 2010	RRC receives via email Range's workplan for bradenhead sampling and water well sampling. RRC witnesses Ranges MIT of the Teal Unit #1-H			

O&G Docket No. 7B-0268629

Staff Exhibit No. 1

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December 24, 2010	RRC receives via email Range's workplan for bradenhead sampling and water well sampling.			
December 22, 2010	RRC receives via email Range's procedure for MIT of the Teal Unit #1-H.			
December 17, 2010	Phone call with Range discussing water well sampling and soil gas survey. Will submit workplan as soon as possible.			
December 16, 2010	RRC staff sends a letter to Range requesting a workplan on or before December 31, 2010.			
December 15, 2010		EPA and Range meeting.		
December 14, 2010	RRC meets with Range to discuss action items. Range delivers a notebook of information about Butler and Teal wells, and information regarding water wells and occurrences of natural gas in the area. Range reports that gas meters have been installed at the two homes, and water supply has been offered to both homes but not accepted.			
December 10, 2010	RRC contacts Range to confirm installation of gas monitors. Monitors installed at Lipsky. Monitors will be installed at Haley on Saturday. Range contacts RRC staff to request a meeting on Tuesday, Dec 14.		Lipsky's attorney notifies RRC that RRC is not allowed access to the property.	
December 9, 2010	RRC contacts Range and Lipsky to assure that gas monitoring meters are being installed at Lipsky and Haley properties and that water supply has been offered. Range installed meter at Lipsky property.			
December 8, 2010	RRC staff Recommendation For Hearing. Hearing set for January 10, 2011.			
December 7, 2010		EPA issues Emergency Administrative Order		
December 7, 2010	RRC sends letter acknowledging receipt of Range's letter and establishing contacts and timetable for agreed actions. RRC staff forwards copies of water well complaints to EPA staff via email.			
December 3, 2010	Range sends letter to RRC agreeing to take additional actions. Letter outlines plans to test production well and collect environmental data. RRC staff begins gathering information on other water well complaints, per EPA request. RRC staff notifies EPA staff of the Dec. 3 letter from Range and email PDF of the letter.			EPA calls RRC staff to ask about other occurrences of gas in shallow sands. RRC returns call and advises of two other complaints in area. EPA requests copies of the files.

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December 1, 2010	RRC staff in Austin calls EPA to discuss sample results. During the call, EPA notifies RRC staff of intent to issue a finding of "endangerment".	EPA staff contacts RRC Abilene District Office and asks to discuss the sample results. Notifies the District that the December 2, 2010, meeting will not happen because Range declined the request.		
November 30, 2010	RRC staff in Austin meet to discuss next steps and agree that RRC staff should conference call into the EPA/Range meeting.			
November 23, 2010		EPA sends via email the results of water and gas samples to the RRC. EPA notifies RRC that they asked to meet with Range on December 2, 2010, to discuss the sample results and they invited RRC staff to attend.		
October 26, 2010	At the request of the RRC, Range Production Co. collected gas samples from tubing, injection gas, bradenhead gas from Butler Unit. Also production gas from Teal Unit.	EPA collects water samples from Lipsky and Haley wells, gas from Lipsky well, and gas from Butler Unit and water from Butler Unit	Mr. Lipsky meets with RRC inspectors, EPA reps, Range consultant at site. General discussion about environmental investigations and testing of water and air inside residence.	District Office Cleanup Coordinator (DOCC) for Abilene reports that during the discussion of previous environmental testing he was informed that air monitors had been placed inside the house in various rooms/bedrooms. RRC inspectors did not enter the house to verify, no date of placement nor location was noted on the RRC DForms. See 8/10/10 entry.
October 25, 2010	RRC District Office requests Range to collect additional gas samples.			
October 21, 2010	2:00 PM - RRC staff in Austin calls EPA staff at their request to discuss sampling objectives.	10:06 AM - EPA contacts RRC staff in Austin by email and requests phone call to discuss plans to sample the Lipsky water well and Range Butler Unit well.		
October 14, 2010	At the request of RRC staff, Range Production Co. Pressure tests the Butler Unit 1H well production casing from 4837 feet to surface that was witnessed by the district personnel. Well held 845 psi.			
October 13, 2010	District Office sends email to Austin requesting technical assistance with review of data.			

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October 13, 2010	<p>10:14 AM Steve Lipsky called to get RRC staff's email address to forward water analysis taken by his environmental company for comparison. He gave me Rick Halley's phone number, has adjacent property and water well that has had some problems, suggested I call Mr. Halley, 175 Old Ranch Court. EPA is coming later in Oct to test Mr. Lipsky's water well with some new technology to determine source of his gas. Mr. Lipsky stated he discovered heavy 'mud sediment' in the bottom of the water storage tank and was having it analyzed.</p>			
October 13, 2010	<p>11:00 AM Phone conversation with Jack Watts, Watts Water Well Service, (817) 991-9589, regarding occurrences of gas in water wells drilled in the area. Requested Mr. Watts document specific occurrences and problem wells and forward to the Dist office.</p>			
September 21, 2010	<p>03:01 PM Call from Mr. Lipsky. He asked if I had drawn any conclusions and I advised him that I was compiling data and would send him the summary asap. Advised him that his request for information had been processed this morning and he should receive it soon.</p>			
September 20, 2010	<p>Range Prod. Co. samples Butler Unit IH Bradenhead Gas and production Gas for chemical analysis.</p>			
September 16, 2010	<p>Called Mary Patton, Range Resources to request gas samples be collected from the Butler Unit production tubing and bradenhead for analysis. Requested the Butler Unit production casing be pressure tested.</p>			
September 15, 2010	<p>11:46 AM Mr. Lipsky called to advise he would meet with Range Resources at his home to inspect the well on Thurs 9/23/10.</p>			
September 13, 2010	<p>15:46 Mr. Lipsky called to advise he had moved his family out of the residence to Graham, Tx. Mr. Lipsky advised he had retained legal counsel.</p>			

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September 7, 2010	<p>Call to Larry Peck, Peck's Water Well Service (817) 394-8177, to obtain water well completion and information for the Lipsky water well. Discussed occurrence of gas in water wells drilled in area. Mr. Peck filed complaint No. 7B-9642, Job No. 10-10397, Carrizo O&amp;G, Mund-Lipscomb "A" Unit Lease (221060), for well leaking gas and a fresh water supply well adjacent to the gas well leaking gas. No gas leaks were found and the complaint was closed. This well is 1/2 mile west of the Lipsky water well, west of the Brazos River</p>			
September 2, 2010	<p>Range Prod. Co. samples Butler Unit 1H Bradenhead Gas for chemical analysis</p>			
August 27, 2010	<p>Advised Bubba Jones to inspect well of concern Mr. Lipsky had inquired about. Per Bubba's inspections, 1 active well near the highway, no other active wells in the Silverado subdivision. Records searched indicate Devon Energy, Durant East Unit Lease (224569) Well No. 1H was P&amp;A'd 8/31/07.</p>			
August 27, 2010	<p>Call to Paul Martinez (325)206-1722 and Mary Patton (817)969-4140, Range Production to discuss procedure to address Bradenhead pressure.</p>			
August 26, 2010	<p>Call from Mr. Lipsky inquiring about a problem well behind the Silverado Horse Barn on a gravel road directly behind the arena. His concern was the well was used for a year and a half and personnel from Malone Well Service advised Mr. Lipsky that the well had a bad frac job, they had lost control and had to plug the well.</p>			
August 26, 2010	<p>RRC sampled Lipsky well with two redlar bag gas samples. Site visit by Alisa Rich of Wolf Eagle Env., Bryn Meredith and David Ritter of Taylor Olson Law Firm</p>		<p>Mr. Lipsky Env. Consultant Wolf Eagle Env., including Taylor and Olson Law firm witness RRC collected gas samples from water wellhead. Mr. Lipsky states that he will discontinue use of the well for house use. The 5000 gallon holding tank will be flushed and filled with potable water.</p>	
August 19, 2010	<p>Contacted Anacon, Melissa Knight for instructions to collect gas samples from a water well. Ms. Knight advised she would verify the procedure and forward information to the District office.</p>			

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August 19, 2010	Call from Mr. Peck, Peck Water Well Service, RRC requested a well configuration of the Lipsky water well. Mr. Peck indicated he would fix a copy to the Dist office			
August 18, 2010	11:45 AM Called Peck Water Well Service to inquire about Lipsky well configuration and completion. Left message to call back.			
August 18, 2010	13:00 called Anacon to check on the status of the 2 <sup>nd</sup> samples sent, received in good condition.			
August 17, 2010	RRC contacted Mr. Lipsky at his residence and obtained water samples. Samples brought to Abilene and forwarded to Anacon			
August 17, 2010		RRC District 7B office contacted by Ron Van Wyk, (214)665-6459, Water Enforcement Branch, EPA, 1445 Ross Avenue, Dallas, TX 75202, regarding Lipsky complaint. Sent green sheet notice to Field Operations. Will add EPA to cc on complaint letters.	Mr. Lipsky locates/spotted underground 1000 gallon propane tank, septic tanks and septic drain field for RRC inspector.	
August 16, 2010	Called and left voice mail messages for Mr. Lipsky to arrange to resample water well, 11:20, 14:20, 16:45, no answer.			
August 13, 2010	Anacon email stating the samples were above the required temperature, advised samples would be retaken and submitted.			
August 13, 2010	16:55 PM Mr. Lipsky called stating his environmental company called to advise him that the concentration of gas in his water was very concentrated and to stay away from the well. Mark Willey, Parker County Judge had been to Mr. Lipsky's residence to survey the well situation. Mr. Lipsky stated that the water from the well acted like alkaline-seltzer.			
August 12, 2010	Water samples sent to Anacon via FedEx			
August 11, 2010	RRC Field inspection to collect water samples, Bubba Jones, Dan Long (817)558-5859, Ryan Albert, TCEQ/Alicia Rich, Wolf Eagle Environmental/Shawn Scott, Parker County Fire Marshall			Mr. Lipsky informs RRC that his Env. Consultant (Wolf Eagle Env), Parker County Fire Marshall Shawn Scott, TCEQ personnel Ryan Albert would be at his house at 2:30 pm. Mr. Lipsky informs RRC that Wolf Eagle Env detected natural gas inside his house. Wolf Eagle collected samples of unknown type.

DATE	RRC ACTION	EPA ACTION	LIPSKEY ACTION	NOTES
August 10, 2010	Telephone call from Sid Slocum, Water Section Mgr (817)588-5901, 2309 Gravel Drive, Fort Worth, TX 76118, TCEQ re Complaint No. 7B-9601		Mr. Lipsky informs RRC that he is having the water tested for natural gas, including the air inside his house and the building that houses a 5000 gallon storage tank.	
August 10, 2010	RRC inspects Range Production, Teal Unit 1H, RRC inspects Range Production Butler Unit 1H.			
August 6, 2010	RRC field inspection, water well survey, Randy Hobbs. 0 mg/L Chloride, gas smell			
August 6, 2010	Steve Lipsky complaint of natural gas in domestic water well. Complainant No. 7B-9601			