

**From** Rosemarie Contreras  
**Sent** Tuesday April 28 2015 12:42 PM  
**To** Savannah Haller  
**Cc** Aaron Myers Ryan Owen Brent Sawyer  
**Subject** RE SRO UNIT WELLS 1 6 15.xlsx  
**Attachments** Well\_Chronology\_Report\_4\_28\_2015 SRO STATE #58H PDF Well\_Chronology\_Report\_4\_28\_2015 SRO STATE #62H PDF Well\_Chronology\_Report\_4\_28\_2015 SRO STATE COM #43H PDF Well\_Chronology\_Report\_4\_28\_2015 SRO STATE COM #44H PDF Well\_Chronology\_Report\_4\_28\_2015 SRO STATE COM #59H PDF Well\_Chronology\_Report\_4\_28\_2015 SRO STATE COM #63H PDF Well\_Chronology\_Report\_4\_28\_2015 SRO STATE COM #64H PDF Well\_Chronology\_Report\_4\_28\_2015 SRO STATE UNIT #16H PDF Well\_Chronology\_Report\_4\_28\_2015 SRO STATE UNIT #20H PDF Well\_Chronology\_Report\_4\_28\_2015 SRO STATE UNIT #46H PDF Well\_Chronology\_Report\_4\_28\_2015 SRO STATE UNIT #48H PDF Well\_Chronology\_Report\_4\_28\_2015 SRO STATE UNIT #53H PDF Well\_Chronology\_Report\_4\_28\_2015 SRO STATE UNIT #61H PDF

Hi Savannah

I've attached the full well chronologies for all in yellow. Thanks!

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**From** Savannah Haller  
**Sent** Tuesday April 28 2015 10:36 AM  
**To** Rosemarie Contreras  
**Cc** Aaron Myers Ryan Owen, Brent Sawyer  
**Subject** FW: SRO UNIT WELLS 1 6 15.xlsx

Rosemarie

Please see the spreadsheet and well requirements attached from Nearburg. Nearburg will need well info for all of the SRO wells highlighted in yellow. Can you please help with gathering the chronological history for these wells?

Please send the info to me rather than straight to Nearburg. Thank you so much!

*Savannah*

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**From** Aaron Myers  
**Sent** Monday April 27, 2015 12:12 PM  
**To** Savannah Haller  
**Cc** Ryan Owen Brent Sawyer  
**Subject** FW: SRO UNIT WELLS 1 6 15.xlsx

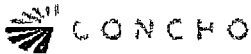
Savannah

We need to start rounding up well information for Nearburg for the wells highlighted in yellow on the attached spreadsheet. Also attached herewith is a revised well requirements spreadsheet from Nearburg. If you can round this up and put it in a folder on the H drive that would be great. We are going to put all the information on a thumb drive so

we don't have to send multiple emails/attachments. If we can have this rounded up by next Monday at the latest that would be great.

I am headed to Santa Fe this afternoon. Email me if you have any questions or you can call me on my work cell in the morning. I will be working from the office in Santa Fe. Thanks in advance for your help with this.

**Aaron Myers | Senior Landman – NM Delaware Basin |**  
**COG Operating LLC**  
**One Concho Center**  
**600 W Illinois Avenue**  
**Midland, TX 79701**  
**p 432 688 6674**  
**f 432 221 0856**



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**From** Randy Howard [<mailto:rhoward@nearburg.com>]  
**Sent** Friday, April 24, 2015 11:11 AM  
**To** Brett Gilson; Aaron Myers  
**Cc** John Turro  
**Subject** SRO UNIT WELLS 1 6 15.xlsx

We enjoyed visiting with you two this morning. Thanks again for coming by our office.

Attached is the spreadsheet we discussed this morning. I have added the 43H & 44H wells pursuant to our discussion. Note that we have well information on wells in red only and that we are not in pay on wells that are highlighted in yellow.

Hope this helps.

Thank you.

Randy Howard  
Land Manager  
Nearburg Producing Company  
432 818 2914 (direct line)  
432 599 0382 (cell)



## WELL CHRONOLOGY REPORT

<b>WELL NAME</b> <b>SRO STATE #58H</b>		<b>DIVISION</b> <b>NM BASIN</b>	<b>EVENT</b> <b>1</b>
FIELD <b>RED BLUFF SOUTH</b>		LOCATION	
COUNTY & STATE <b>EDDY</b>	<b>NM</b>	CONTRACTOR <b>SILVER OAK</b>	
WI % <b>36.3300</b>	AFE # <b>004561</b>	API # <b>30-015 41930</b>	PLAN DEPTH <b>12,802</b>
DHC <b>\$1,632,000</b>	CWC <b>\$4,722,000</b>	AFE TOTAL <b>\$6,354,000</b>	FORMATION <b>BONE SPRING</b>
SPUD DATE <b>05/08/2014</b>			

<b>REPORT DATE</b> <b>05/09/2014</b>	<b>MD</b> <b>360</b>	<b>TVD</b> <b>360</b>	<b>DAYS</b> <b>0</b>	<b>MW</b> <b>8.8</b>	<b>VISC</b> <b>30</b>
<b>DAILY DC</b> <b>\$320,590</b>		<b>CC</b> <b>\$0</b>		<b>TC</b> <b>\$320,590</b>	
<b>CUM DC</b> <b>\$320,590</b>		<b>CC</b> <b>\$0</b>		<b>TC</b> <b>\$320,590</b>	

## DAILY DETAILS

MIRU SILVER OAK DRILLING RIG #7 MIRU BDS WELDING & ADD ONTO 20 CONDUCTOR & DO CONDUCTOR REPAIRS FILL PITS & MIX SPUD MUD NMOC D NOTIFIED @ 06 48 MST 05/07/14 OF INTENT TO MIRU ( MESSAGE ) PRE SPUD INSPECTION & P/UP BHA #1 SPUDDED WELL @ 21 00 MST 05/08/14 DRILLING 17 1/2 SURFACE HOLE SECTION F/80 T/164 ( 84 ) NOTE NMOC D NOTIFIED @ 12 17 MST 05/08/14 OF INTENT TO SPUD WELL ( MESSAGE ) WLS @ 84 0 3 DEG DRILLING 17 1/2 SURFACE HOLE SECTION F/164 T/258 ( 94 ) WLS @ 176 0 2 DEG DRILLING 17 1/2 SURFACE HOLE SECTION F/258 360 ( 102 ) NOTE TD D 17 1/2 VERTICAL HOLE SECTION @ 360 @ 05 00 MST 05/09/14 PUMP HI VISCOSITY MUD SWEEP CIRCULATE HOLE CLEAN & SPOT HI VISCOSITY MUD PILL ON BOTTOM RUNNING WLS @ 294 SURVEY DEPTH 360 / TD

<b>REPORT DATE</b> <b>05/10/2014</b>	<b>MD</b> <b>360</b>	<b>TVD</b> <b>360</b>	<b>DAYS</b> <b>3</b>	<b>MW</b> <b>9.8</b>	<b>VISC</b> <b>28</b>
<b>DAILY DC</b> <b>\$77,478</b>		<b>CC</b> <b>\$0</b>		<b>TC</b> <b>\$77,478</b>	
<b>CUM DC</b> <b>\$398,067</b>		<b>CC</b> <b>\$0</b>		<b>TC</b> <b>\$398,067</b>	

## DAILY DETAILS

TOOH @ 360 / TD LD SHOCK SUB IBS MUD MOTOR BIT SUB & BIT MIRU BYRD CASING CREW HPJSM & RIH W/ 13 3/8 GUIDE SHOE FLOAT COLLAR & ( 8 ) JOINTS 13 3/8 48# H-40 ST&C CASING TOTAL RAN = 363.43 SHOE SET @ 360 TOP OF FLOAT COLLAR SET @ 312.06 3.43 AKB TACK WELDED FLOAT EQUIPMENT & ( 2 ) CASING COLLARS RAN ( 6 ) CENTRILIZERS NOTE NMOC D MR RANDY HUGHES ) NOTIFIED @ 00 16 MST 05/09/14 OF INTENT TO CEMENT 13 3/8 SURFACE CASING CIRCULATE 13 3/8 CASING ON BOTTOM W/ RIG PUMP MOVE IN HALLIBURTON HPJSM RIG UP HALLIBURTON & TEST LINES CEMENT 13 3/8 CASING W/ A 20 BBL WG 19 GELLED WATER & RED DYE SPACER & 400 SACKS HALCEM CLASS C CEMENT W/ 2% CACL ( 96 BBL SLURRY 14.8 PPG 1.34 YEILD 6.39 GPS ) DROPPED PLUG & DISPLACED CEMENT W/ 49.5 BBL FRESH WATER BUMPED PLUG TO 850 PSI @ 12 10 MST 05/09/14 TESTED CASING 3 MINUTES @ 850 PSI GOOD TEST FLOAT HELD LOST PARTIAL RETURNS DURING FINAL 20 BBL DISPLACEMENT DYE & GEL CIRCULATED TO PIT BUT DID NOT CIRCULATE CEMENT WOC 1.5 HRS TAGGED CEMENT @ 35 FROM GROUND LEVEL W/ WEIGHTED SLM NOTIFIED COG & NMOC D ( MR RANDY HUGHES ) @ 13 45 MST 05/09/14 GIVEN PERMISSION TO TOP OUT W/ READY MIX CEMENT RDMO HALLIBURTON MIRU BDS WELDER & SOUTHEASTERN READY MIX CUT OFF 20 CONDUCTOR & TOPPED OUT 13 3/8 CASING W/ APPROXIMATELY 2.5 YARDS READY MIX CEMENT GOOD CEMENT TO SURFACE @ 17 00 MST 05/09/14 WOC RDMO WELDER & SOUTHEASTERN READY MIX PREPARE TO CUT OFF 13 3/8 CASING & INSTALL W/HD WOC MIRU BDS WELDING CUT OFF 13 3/8 CASING INSTALL W/HD & RDMO WELDER NU BOP ROTATING HEAD ACCUMILATOR & CHOKE MANIFOLD

<b>REPORT DATE</b> <b>05/11/2014</b>	<b>MD</b> <b>1,164</b>	<b>TVD</b> <b>1,164</b>	<b>DAYS</b> <b>4</b>	<b>MW</b> <b>10.3</b>	<b>VISC</b> <b>30</b>
<b>DAILY DC</b> <b>\$72,516</b>		<b>CC</b> <b>\$0</b>		<b>TC</b> <b>\$72,516</b>	
<b>CUM DC</b> <b>\$470,583</b>		<b>CC</b> <b>\$0</b>		<b>TC</b> <b>\$470,583</b>	

## DAILY DETAILS

FINISH NU BOP MIRU MAN WELDING & 3RD PARTY TEST BOP & WELL CONTROL EQUIPMENT TESTED BLIND/ PIPE RAMS UPER/ LOWER KELLY VALVE 2 LINES & VALVES 4 MANUEL & HCR VALVES TIW & DART VALVES CHOKE MANIFOLD 10 MINUTE TEST PER ITEM 3000 PSI/ HIGH 250 PSI/ LOW TESTED ANNULAR BOP 10 MINUTES EACH @ 1500 PSI/ HIGH & 250 PSI/ LOW GOOD TEST RDMO TESTER NMOC D NOTIFIED BY MESSAGE @ 06 13 05/10/14 OF INTENT TO TEST BOP P/UP M/UP BHA #2 ( 12 1/4 BIT VERTICAL SCOUT TOOL STABILIZED MUD MOTOR TELEDRIFT TOOL IBS & SHOCK SUB TIH & P/UP KELLY & BREAK CIRCULATION TEST 13 3/8 CASING W/ RIG PUMP 30 MINUTE TEST @ 1000 PSI GOOD TEST TAGGED CEMENT @ 304 DRILLING OUT CEMENT & FLOAT EQUIPMENT CONTROL DRILLING 12 1/4 VERTICAL HOLE SECTION W/ TELEDRIFT SURVEYS F/360 T/ 1164 ( 804 ) \*\* DO 15 45 5/10/14\*\*

<b>REPORT DATE</b> <b>05/12/2014</b>	<b>MD</b> <b>2,490</b>	<b>TVD</b> <b>2,490</b>	<b>DAYS</b> <b>5</b>	<b>MW</b> <b>10.3</b>	<b>VISC</b> <b>29</b>
<b>DAILY DC</b> <b>\$59,361</b>		<b>CC</b> <b>\$0</b>		<b>TC</b> <b>\$59,361</b>	
<b>CUM DC</b> <b>\$529,944</b>		<b>CC</b> <b>\$0</b>		<b>TC</b> <b>\$529,944</b>	

## DAILY DETAILS

DRILLING 12 1/4 VERTICAL HOLE SECTION F/1164 T/1317 ( 153 ) SERVICE RIG DRILLING 12 1/4 VERTICAL HOLE SECTION F/1317 2490 ( 1173 )