

Submit 1 Copy To Appropriate District  
Office  
District I - (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II - (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV - (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised July 18, 2013

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. 30-025-39973
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name W.T. MCCOMACK
8. Well Number 32
9. OGRID Number 4323
10. Pool name or Wildcat BLINEBRY/TUBB
11. Elevation (Show whether DR, RKB, RT, GR, etc.)

SUNDRY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A  
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH  
PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐  
2. Name of Operator  
CHEVRON U.S.A. INC.  
3. Address of Operator  
15 SMITH ROAD, MIDLAND, TEXAS 79705  
4. Well Location  
Unit Letter: O 660 feet from SOUTH line and 2080 feet from the EAST line  
Section 32 Township 21S Range 37E NMPM County LEA

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
DOWNHOLE COMMINGLE ☐  
CLOSED-LOOP SYSTEM ☐  
OTHER: INTENT TO ACIDIZE

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER:

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

CHEVRON U.S.A. INC. INTENDS TO ACID STIMULATE THE SUBJECT WELL.

PLEASE FIND ATTACHED, THE INTENDED PROCEDURE.

DURING THIS PROCESS WE PLAN TO USE THE CLOSED LOOP SYSTEM WITH A STEEL TANK AND HAUL TO THE  
REQUIRED DISPOSAL, PER THE OCD RULE 19.15.17.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

*Denise Pinkerton*

TITLE REGULATORY SPECIALIST

DATE 07/11/2014

Type or print name DENISE PINKERTON

E-mail address: [leakejd@chevron.com](mailto:leakejd@chevron.com)

PHONE: 432-687-7375

For State Use Only

APPROVED BY:

*Marky Brown*

TITLE

*Dist Supervisor*

DATE

*7/14/2014*

Conditions of Approval (if any)

JUL 15 2014



WELL NAME: WT McComack #32

API #: 30-025-39973 CHEVNO: MV9295

OPERATOR: Chevron Midcontinent, L.P.

LOCATION: 660' FSL & 2080' FEL Sec.32 TwnShp: 21S Range: 37E

COMPLETION: 03/29/2011

Rod String Quantity (Top-Bottom Depth) Desc

1 @ (16-42) 1.500 (1 1/2 in.) Spray Metal x 26-  
2 @ (42-46) 0.875 (7/8 in.) N-97 (HS) x 2 Rod Sub-  
1 @ (46-52) 0.875 (7/8 in.) N-97 (HS) x 6 Rod Sub-  
1 @ (52-60) 0.875 (7/8 in.) N-97 (HS) x 8 Rod Sub-  
103 @ (60-2635) 0.875 (7/8 in.) N-97 (HS) x 25 Rod-  
122 @ (2635-5685) 0.750 (3/4 in.) N-97 (HS) x 25 Rod-  
16 @ (5685-6085) 1.500 (1 1/2 in.) K x 25 Sinker Bar-  
1 @ (6085-6089) 0.875 (7/8 in.) N-97 (HS) x 4 Rod Sub - Rod Guides-Molded (3 per rod)-  
1 @ (6089-6113) Rod Pump (Insert) (NON-SERIALIZED) - 25-175-R HBC -24.5 (Bore = 1.75)-

Surface Casing (Top-Bottom Depth) Desc

@ (16-1221) Wellbore Hole OD-12.1250 - Bare-  
@ (16-1221) Cement (behind Casing) - Bare-  
@ (16-1221) J-55 8.625 OD/ 24.00# Round Short 8.097 ID 7.972 Drift - Bare-

Tubing String Quantity (Top-Bottom Depth) Desc

172 @ (16-5558) J-55 2.875 OD/ 6.50# T&C External Upset 2.441 ID 2.347  
1 @ (5558-5562) J-55 2.875 OD/ 6.50# T&C External Upset 2.441 ID 2.347  
2 @ (5562-5626) J-55 2.875 OD/ 6.50# T&C External Upset 2.441 ID 2.347  
1 @ (5626-5628) Tubing Anchor/Catcher 2.875-  
15 @ (5628-6108) J-55 2.875 OD/ 6.50# T&C External Upset 2.441 ID 2.347  
1 @ (6108-6120) J-55 2.875 OD/ 6.50# T&C External Upset 2.441 ID 2.347  
2 @ (6120-6183) J-55 2.875 OD/ 6.50# T&C External Upset 2.441 ID 2.347 Drift - Internal Plastic  
1 @ (6183-6184) Seat Nipple - Heavy Duty (2.875) Cup Type-  
1 @ (6184-6189) J-55 2.875 OD/ 6.50# T&C External Upset 2.441 ID 2.347  
1 @ (6189-6208) Cavins Desander 2 7/8 x 20 D-2707 G PC 185-375 Bbls/Day Frac Sand w/Gas.  
1 @ (6208-6240) J-55 2.875 OD/ 6.50# T&C External Upset 2.441 ID 2.347  
1 @ (6240-6241) Cavins Dump Valve (for use w/Desander) 2.875 - Bare-

Production Casing (Top-Bottom Depth) Desc

@ (1221-6310) Wellbore Hole OD- 7.8750 - Bare-  
@ (16-6310) Cement (behind Casing) - Bare-  
@ (16-6310) L-80 5.500 OD/ 17.00# Round Long 4.892 ID 4.767 Drift - Bare-  
@ (5740-6239) Producing Interval (Completion) - Bare-  
@ (5740-5746) Perforations - Open-  
@ (5773-5780) Perforations - Open-  
@ (5788-5795) Perforations - Open-  
@ (5851-5858) Perforations - Open-  
@ (5870-5876) Perforations - Open-  
@ (5894-5901) Perforations - Open-  
@ (5910-5915) Perforations - Open-  
@ (5919-5924) Perforations - Open-  
@ (5957-5966) Perforations - Open-  
@ (5974-5979) Perforations - Open-  
@ (5982-5990) Perforations - Open-  
@ (6014-6022) Perforations - Open-  
@ (6026-6035) Perforations - Open-  
@ (6138-6147) Perforations - Open-  
@ (6158-6167) Perforations - Open-  
@ (6170-6178) Perforations - Open-  
@ (6191-6197) Perforations - Open-  
@ (6201-6210) Perforations - Open-  
@ (6213-6222) Perforations - Open-  
@ (6230-6239) Perforations - Open-  
@ (6310-6310) Plug Back (unknown type) - Bare-



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API #: 30-025-39973 CHEVNO: MV9295  
OPERATOR: Chevron Midcontinent, L.P.  
LOCATION: 660' FSL & 2080' FEL Sec.32 TwnShp: 21S Range: 37E  
COMPLETION: 03/29/2011

#### PRE-WORK:

1. Complete the rig move checklist.
2. WSM will meet with FMT field specialist several days prior to rig up to test pumping unit brake at 3:00, 6:00, 9:00, and 12:00 positions. If rods are parted, then line up winch truck to rotate counter weights prior to rig up.
3. Ensure location is in appropriate condition, anchors have been tested within the last 24 months, and power line distance has been verified to determine if a variance and RUMS are necessary.
4. When NU anything over and open wellhead (EPA, etc.) ensure the hole is covered to avoid dropping anything downhole.
5. Review H2S calculations in H2S tab included.
6. Any equipment installed at the wellbore, including wellhead (Inside Diameter), is to be visually inspected by the WSM to insure no foreign debris or other restrictions are present.
7. DO NOT! Flow back CO2 to non CO2 rated vessels.

#### PROCEDURE:

***DUE TO ACID SHORTAGE IN PERMIAN BASIN CONTACT DUSTIN ANDERSON W/PETROPLEX WHEN NUBOPE TO GET ON LIST FOR ACID JOB!***

1. Verify that well does not have pressure or flow. If the well has pressure, note tubing and casing pressures on Wellview report. Bleed down well; if necessary, kill with cut brine fluid (8.6 ppg).
2. MIRU pulling unit and surface equipment.
3. Unhang well from pumping Unit.
4. Bleed off casing pressure to tank, if casing flowing fluid pump known weight fluid down casing, shut in for 30 mins, Calculate KWM and pump to kill well. If applicable.
5. Remove stuffing box and lay down polish rod.
6. Unseat pump and POOH standing back rods inspecting for pitting and shoulder damage.
7. Kill tubing if needed.
8. Monitor well for 30 minutes to ensure it is dead. ND WH. Release TAC.
9. **NU Chevron Class III configured 7-1/16" 5M** remotely-operated hydraulically-controlled BOP, **2-7/8"** pipe rams over blind rams. NU EPA pan.

➤ Keep the charted test of the BOP supplied by the vendor for the entire job.



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10. RU Floor and POOH w/1 Jnt. **2 7/8"** tubing, PU **5 1/2"** PKR rated for 17# casing, RIH w/ PKR +/- 25' and test BOPE to **250/1000 psi**. Note testing pressures in Wellview. Release and LD packer.

**Caliper elevators and tubular EACH DAY prior to handling tubing/tools. Note in JSA when and what items are callipered within the task step that includes that work.**

11. PU 2 (60') Jnts. **2 7/8"** tubing and RIH to **6300'** to tag for fill (**TAC 5628', Perfs 5740'-6239', EOT 6241' PBD 6310'**), DO NOT PUSH TAC INTO PERFS.

- If fill is tagged above **6300'** contact WOE and verify if the clean out is necessary. If so, continue to clean out fill with foam/air unit per step 12.
- If fill is tagged below **6300'** clean out will not be needed! Continue to step 18.

12. POOH scanning 2-7/8" production tubing, Keep Yellow only, lay down production BHA.

**Strap production pipe out of hole to verify depths and note them in Wellview. Send Tubing scan report to [KJCY@chevron.com](mailto:KJCY@chevron.com).**

13. MIUL **2 7/8"** L-80 Workstring, Strap workstring.

14. PU and RIH with following BHA:

Component	Amount
4 3/4" Mill Tooth Bit	1
3 1/2" Drill Collars	4
2 7/8" L-80 WS	~ 5600'
Inline Tubing Check	1
2 7/8" L-80 WS	~700'

15. MIRU Foam/ Air Unit, Flowback Manifold, and Blowdown Tank w/Gas Buster.

16. Clean out fill to **6300'**. (**See Supplemental SOG for Foam Air operations**)

17. POOH w/ tubing standing back, LD BHA.

18. MIRU Hydrotesters.

**Caliper elevators and tubular EACH DAY prior to handling tubing/tools. Note in JSA when and what items are callipered within the task step that includes that work.**

19. PU RIH w/ **5 1/2"** 17# Arrow Set 10K pkr, ON-OFF tool w/2.25" frac hardened profile on **2 7/8"** 6.5 L-80 WS. Hydrotest tubing in hole to **7,000 psi**. Set PKR @ **~5700'**.



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20. Load backside and test 5 ½" casing to **500 psi**. Notify WOE is casing does not test.
21. If casing tests, unset PKR and RIH and reset @ **6080'**.
22. MIRU Petroplex Acidizing. Install Petroplex plug valve to tubing instead of Frac Valve. Pressure test surface lines and plug valve to **7000 psi** and set mechanical pop offs to **6000 psi**. Acid Frac Tubb @ **13BPM w/Max Surface Psi of 6000#** from 6138'-6239' with 3150 gals 15% HCl slurry and 3500# of rock salt as follows:

Additive	Amount
EP-3	2 gpt
I-3	1 gpt
FENX	40 lbpt
10% Acetic-G	5 gpt
P-3 Low Surface Wetting Agent	3 gpt
I10H	1 gpt

23. Keep 300# on backside thru out Acid job to monitor for communication. (See Petroplex Procedure)
24. Record ISIP, 5-Min, 10-Min, 15-min. RD & release Petroplex.
25. Leave well SI for 2hr to allow acid to spend. Open well and flow back/swab back spent treatment fluids to open top tank. Test reactivity of recovered acid load of fluid, If acid is not spent shut well in 1 additional hour to allow acid to spend. Recover 100% of load if possible or swab until return indicate formation fluid and not spent acid.
- **Before/During swabbing:** Inspect sandline to be sure it's free of excessive rust, bird's nests, frays, kinks, knots, etc
  - **Record oil cut recovered, fluid volumes, and swabbing depths in Wellview.**
26. Release PKR, POOH w/2 7/8" WS standing back, LD PKR.
27. PU RIH w/ 5 ½" 17# Arrow Set 10K pkr, 5 ½" RBP, ON-OFF tool w/2.25" frac hardened profile on 2 7/8" 6.5 L-80 WS. Hydrotest tubing in hole to **7,000 psi**. Set RBP@ **6080'**, Set PKR @ **~6060'** pressure test RBP to **500 psi**, Unset PKR PUH set **5700'**.
28. MIRU Petroplex Acidizing. Install Petroplex plug valve to tubing instead of Frac Valve. Pressure test surface lines and plug valve to **7000 psi** and set mechanical pop offs to **6000 psi**. Acid Frac Blinbry @ **13BPM w/Max Surface Psi of 6000#** from 5740'-6035' with 3150 gals 15% HCl slurry and 3500# of rock salt as follows:

Additive	Amount
EP-3	2 gpt
I-3	1 gpt
FENX	40 lbpt



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10% Acetic-G	5 gpt
P-3 Low Surface Wetting Agent	3 gpt
I10H	1 gpt

29. Record ISIP, 5-Min, 10-Min, 15-min. RD & release Petroplex.
30. Release PKR, Wash down w/fresh water & latch RBP, POOH w/2 7/8" WS standing back, LD PKR.
31. Pick up Notch collar, RIH to PBTD @ **6300'** to ensure salt is gone, wash to bottom with fresh water.
32. POOH laying down WS.
33. PU Production BHA and RIH hydrotesting production tubing to **5000 psi**. (*Space out per ALCR Recommendations*)
34. NDBOPE, NUWH.
35. RIH w/Pump and Rods (*Per ALCR Rod design*)  
  
*Contact appropriate Field Specialist to remove locks.*
36. Check pump action with pumping unit.
37. Clean location, RDMO, Notify ALCR and production, Complete Wellwork Ownership Form, Turn well back to Production. (contacts on first page). **Send Wellwork Ownership Form to KJCY@Chevron.com**



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## STANDARD GUIDELINES

### **Maximum Anticipated H2S Exposures (RRC H9 / NM Rule 36)**

All personnel on location must be made aware of each of the following values (values vary by field):

**Maximum anticipated amount of H2S that an individual could be exposed to is 11000 ppm**

**at the maximum anticipated escape volume (of wellbore gas) of MCF/D**

**100 ppm Radius of Exposure is 138 feet.**

**500 ppm Radius of Exposure is 63 feet.**

### **Elevators**

At every tubing size change, the elevators must be calipered and all lifting equipment must be visually inspected for the correct sizing, and rechecked daily. The elevators must also be checked for proper sizing by placing a pony sub in the elevators. Prior to picking up power swivel, caliper and visually inspect elevators and bail on swivel. Checks are to be documented in the JSA and elevator log.

### **ND/NU**

Prior to N/D, N/U operations, if only one mechanical barrier to flow will be in place, visual monitoring of well condition by the WSM is necessary for 30 minutes or more to ensure that the well is static **before** removing or replacing well control equipment. For all deviations to 2B policy, check that MOC for exemption from 2B policy is in place and applicable. During ND/NU operations with only one barrier to flow in-place, constant visual monitoring of well condition **during ND/NU** by the WSM is necessary.

### **Installed Equipment**

Any and all equipment installed at the surface on the wellbore is to be visually inspected (internally) by the WSM prior to N/U to the wellhead by the service provider to ensure no debris or other potential restrictions are present. During any NU ops over an open wellhead (BOP, EPA, etc.), ensure the hole is covered to avoid dropping anything downhole.

### **Hazard ID**

Identify hazards with the crew as they come up during the job. Stop and review and discuss JSAs.

### **Scale and Paraffin Samples**

When removing rods and/or tubing from a well, collect samples of any paraffin and/or scale.

When drilling, note, report and sample significant returns of scale or paraffin, or anything other significant returns. Assume that samples that come from different areas/environments in the well are different and require a different sample; e.g. top/bottom of well, inside outside of tubing. Always collect enough sets of samples for both Production and D&C Chemical Reps. Send any samples to Chemical Reps., both for

1) Production (many times Baker), as well as for

2) D&C (many times PetroPlex).

Discuss D&C's Chemical Rep's recommendations with Engineering, or simply implement as practical.

### **Trapped Pressure**

Recognize whether the possibility of trapped pressure exists, check for possible obstructions by:

- Pumping through the fish/tubular – this is not guaranteed with an old fish as the possibility of a hole above the obstruction could yield inconclusive results
- Dummy run – make a dummy run through the fish/tubular with sandline, slickline, e-line or rods to verify no obstruction. If unable to verify that there is no obstruction above the connection to be broken, or if there is an obstruction:
- Hot Tap at the connection to check for pressure and bleed off
- Observe and watch for signs / indicators of pressure as connection is being broken. Use mud bucket (with seals removed) and clear all non-essential personnel from the floor.



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### **Wireline**

For all wireline and slickline jobs (except in new, cemented, tested and unperforated casing) install wireline packoff and lubricator. Follow Standard Guideline for installing equipment over wellhead. Test to 250 on the low end, and test on the high end based on SITP or max. anticipated pressure. Establish exclusion zone around wellhead area. Observe and enforce radio silence as needed for explosives. All wireline tools are to be calipered and documented on a diagram prior to PU and RIH. This is critical information in the event of fishing operations.

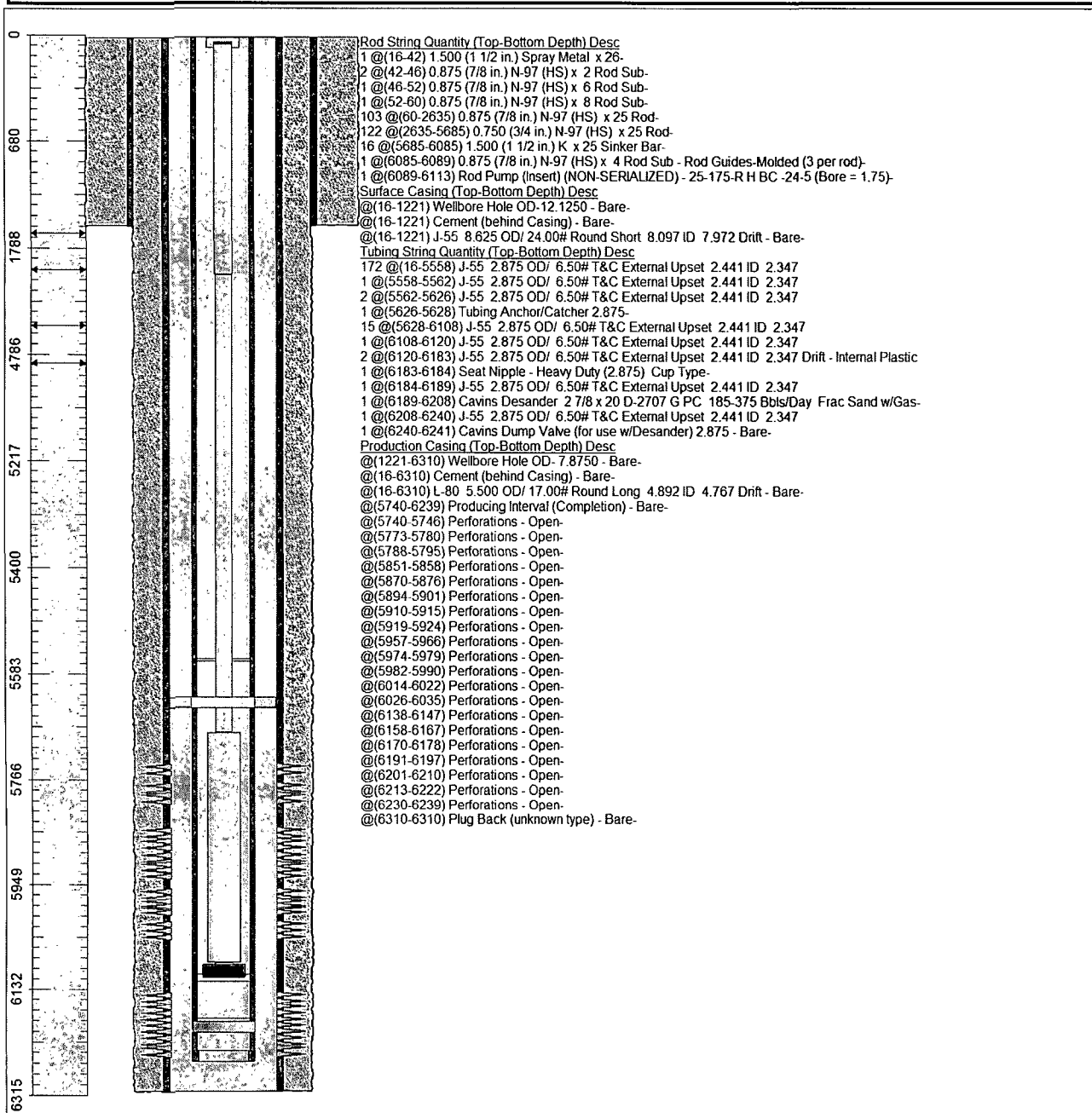
### **Foam clean out hazard mitigation**

- 1 Install flowback manifold with two chokes. All components on flowback manifold must be rated to at least 5,000 psi. If possible, flowback manifold components should be hydrotested before delivery.
- 2 Run dart type float in bit sub bored for a float. Install open top flowback tank downwind from rig.
- 3 NU stripper head with **NO Outlets** (Check stripper cap for thread type - course threads preferred). Stripper head to be stump tested to 1,000 psi before use for foam operations.
- 4 Clear floor of all personnel while breaking circulation and anytime they are not required.
- 5 Pump high quality foam at all times. Do not pump dry air at any time. Fluid injection rates will generally be above 12 gallons per minute
- 6 Whenever there is pressure on the stripper head, have a dedicated person continuously monitor pressure at choke manifold and have a dedicated person at accumulator ready to close annular BOP in case stripper leaks.
- 7 Do not allow pressure on stripper head to exceed 500 psi. If pressure cannot be controlled below 500 psi, stop pumping, close BOP and bleed off pressure.
- 8 Ensure that high quality, stiff foam is pumped while circulating in lateral. Stiff foam is required to prevent segregation while circulating along lateral. Monitor flow and pressures carefully when cleaning out the lateral as well will begin to unload very rapidly when foam "turns the corner".
- 9 Before rigging up power swivel to rotate, carefully inspect Kelly hose to ensure that it is in good condition. Ensure that swivel packing is in good condition. Visually inspect and caliper elevators and bail on swivel.
- 10 POOH LD workstring & bit. Pump kill fluid down tubing to put tubing on vacuum to help eliminate trapped pressure before breaking out string floats. Have foam-air hand on location during this process. He should employ a special tool to check for pressure under floats.



## Chevron U.S.A. Inc. Wellbore Diagram : WTMCCOMACK 32 DHC

<b>Lease:</b> OEU EUNICE FMT		<b>Well No.:</b> MCCOMACK W T 32 P 32		<b>Field:</b> N/A	
<b>Location:</b> 660FSL2080FEL		<b>Sec.:</b> N/A		<b>Blk:</b>	<b>Survey:</b> N/A
<b>County:</b> Lea	<b>St.:</b> New Mexico	<b>Refno:</b> MV9295		<b>API:</b> 3002539973	<b>Cost Center:</b> UCU463200
<b>Section:</b> E037		<b>Township:</b> 32			<b>Range:</b> S021
<b>Current Status:</b> ACTIVE				<b>Dead Man Anchors Test Date:</b> 03/01/2011	

**Directions:**

<b>Ground Elevation (MSL):</b> 3462.00	<b>Spud Date:</b> 02/21/2011	<b>Compl. Date:</b> 01/01/1800
<b>Well Depth Datum:</b> Barge Deck	<b>Elevation (MSL):</b> 3478.00	<b>Correction Factor:</b> 16.00
<b>Last Updated by:</b> fitecl	<b>Date:</b> 03/06/2012	