

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

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.)		WELL API NO. 30-025-36884
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator CHEVRON U.S.A. INC.		6. State Oil & Gas Lease No.
3. Address of Operator 15 SMITH ROAD, MIDLAND, TEXAS 79705		7. Lease Name or Unit Agreement Name TRINITY BURRUS ABO
4. Well Location Unit Letter: H 1980 feet from SOUTH line and 660 feet from the EAST line Section 22 Township 12S Range 38E NMPM County LEA		8. Well Number 15
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 4323
		10. Pool name or Wildcat TRINITY; WOLFCAMP

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 ADD PAY & 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 ADD & ACIDIZE ALL NEW & EXISTING PERFORATIONS.
INTENT IS TO PERFORATE THE INTERVAL 9075-79' & 9087-95'.

PLEASE FIND ATTACHED, THE INTENDED PROCEDURE AND WELLBORE DIAGRAM.

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 06/08/2015

Type or print name DENISE PINKERTON

E-mail address: leakejd@chevron.com

PHONE: 432-687-7375

For State Use Only

APPROVED BY:

[Signature]

TITLE

Petroleum Engineer

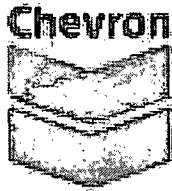
DATE

06/25/15

Conditions of Approval (if any):

JUN 25 2015

bm



Trinity Burrus Abo Unit #15
Add Pay & Stimulate
ChevNo: HQ7811 API #: 30-025-36884
Operator: Chevron Midcontinent, L.P.
Location: Bronco County: Lea
Spud: 10/3/2004 Completion: 10/30/2004
Updated: EFUK 12/03/14 DUXG 3/10/2015

The purpose of this project is to perforate and acid stimulate in the Abo and Wolfcamp. This procedure is meant to be a guide only. It is up to the WSM, Workover Engineer and Production Engineer to make the decisions necessary to safely do what is best for the well.

Contacts:

Remedial Engineer	Daniel Shelton	432-687-7471 / 832-763-1161
Production Engineer	Ryan Warmke	432-687-7475 / 281-460-9143
D&C Supt.	Victor Bajomo	432-687-7953 / 432-202-3767
D&C Team Lead	Kyle Olree	432-687-7422 / 307-922-3098
ALCR	Danny Acosta	575-631-9033
Peak Packers	Nathan	432-631-4431
Petroplex Acidizing	Dustin Anderson	432-631-5183
Baker Petrolite	Tim Gray	575-910-9390
GE	Jarron Marshall	903-245-6715

Casing Information:

Surface Casing:	13-3/8" 48# H-40 set at 539' with TOC at surface
Intermediate Casing:	8-5/8" 32# J-55 set at 4500' with TOC at surface
Production Casing:	5-1/2" 17# L-80 set at 9265' with cmt from surface to 4480'

Tubing and Rod Information:

Tubing:	282 jts 2-7/8" 6.5# L-80
	5.5" TAC at 8989'
	2 jts 2-7/8" 6.5# L-80
	2 2-7/8" ENDURALLOY jts
	2-7/8" MSN at 9122'
	1 2-7/8" 6.5# L-80 perforated sub
	2-7/8" 6.5# Mud Anchor w/ Bull Plug (EOT @ 9158')

Rods:	96 ea. 1" N-97 rods
	100 ea. 7/8" N-97 rods
	161 ea. 3/4" N-97 rods
	6 ea. 1-1/2" sinker bars
	1 ea. 1" 4 Rod Sub
	Rod Pump (25-125-RHBM-24-6) Set at 9148'

Current Perforations:

Wolfcamp (Lower Abo):	9,043'-9,070' (55 holes total)
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Well Work History:

10/03/04:	Spud well
10/30/04 – 11/15/04:	Initial completion in Wolfcamp. Perforated Wolfcamp 9,043'-9,070'. Acidize w/5,000 gals 15% HCL 90/10 acid + 83 BS. Frac w/10,000 gals Ultragel. 225 O, 34 W, 357 G.
07/14/14 – 07/17/14	First well pull under Chevron. Pump failure. Change out pump. Hot water casing and tubing due to paraffin.



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Pre-work:

1. Utilize the rig move check list and complete electric line route survey with FMT.
2. Check anchors and verify that a pull test has been completed in the last 24 months.
3. Ensure location of & distance to power lines is in accordance with MCBU SWP. Complete an electrical variance and RUMS if necessary.
4. Ensure that location is of adequate build and construction.
5. **Ensure that elevators and other lifting equipment are inspected. Calliper all lifting equipment at the beginning of each day or when sizes change.**
6. When NU anything over an open wellhead (EPA, etc.) ensure the hole is covered to avoid dropping anything downhole.
7. Review H2S calculation radius of exposure.
8. Review JSA and identify hazards with crew. Visually inspect wellhead, casing, and tubing valves. Decide whether tubing and casing valves can be used or replaced as needed. Isolate hazardous energy. Bleed down well as necessary.
9. Any equipment installed at the wellhead (ID) is to be visually inspected by the WSM to insure that no foreign debris or other restrictions are present.
10. If wireline is to be used (I.e. perforating guns, collar locator, or logging tools) tools need to be callipered and reported on the daily WellView report.

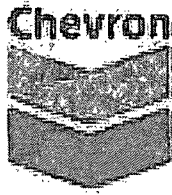
Procedure:

1. MIRU workover rig. Note tubing and casing pressure on well. Bleed well down.
 - **If needed use 10 ppg brine to kill well.**
2. Remove stuffing box and lay down polish rod.
3. Unseat pump and TOO H racking back rods.
 - **Inspect rods and replace any that show signs of wear or pitting.**
 - **Note the conditions of the rods in wellview.**
4. Ensure well is dead. ND WH.
 - **If necessary kill well with 10ppg brine.**
 - **Observe well for 30 minutes to ensure that it is dead.**



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5. NU Chevron Class II configured 5M remotely-operated hydraulically-controlled BOP with 2-7/8" pipe rams on top and blind rams on bottom. NU EPA pan. Perform accumulator draw down test. Not test results in wellview.
 - **Function test the blind rams prior to NU the BOP.**
6. Rig up floor. Unset 5 1/2" TAC, POOH one stand and PU a compression or cup test packer. RIH and set test packer ~25'. Test 2-7/8" pipe rams to 300 5 minutes low. Test 500 high for 5 minutes. Record test pressures in wellview.
 - **Keep a copy of the stump test provided by the BOP company.**
 - **Bleed the pressure off between each test. Do not step up the pressure.**
7. RIH on workstring and tag fill.
 - **Consult with RE if a clean out run in needed depending on where we tag.**
8. POOH scanning with production tubing.
 - **Rack back all tubing with 25% wall loss or less and lay down the rest. Order replacement 2-7/8" L-80 8rd 6.5# as needed.**
9. PU a 4-3/4" bit on 2-7/8" L-80 8rd 6.5# workstring.
 - **If no fill was tagged then skip to 14.**
10. TIH and tag fill.
11. RU power swivel.
12. Gain circulation and begin cleaning out fill to PBTD. (9265')
 - **Collect samples of fill and hand them over to chemical rep or analysis.**
13. Circulate the well clean and TOO H racking back WS and laying down BHA.
14. MIRU wireline.
 - **Test lubricator to 1000 psi prior to picking up tools.**
 - **Set an exclusion zone.**



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15. PU and RIH with 3-1/8" HP Slick Guns with 2 SPF and perforate new Wolfcamp (Lower Abo) perforations 9075-79', 9087-95'. Tie into Halliburton's Spectral Density Dual Spaced Neutron Microlog dated 10/23/2004 (tie in strip included).
16. POOH with wireline.
17. RDMO wireline.
18. PU a notched collar, 230' of workstring and 5 1/2" treating packer on WS and RIH.
 - **The length from the top perf to PBTD is 222'. The packer should never enter the perforations.**
19. Set treating packer so that the notched collar is at 8943'.
 - **Top perf is at 9043'.**
20. Test the casing to 500 psi for 5 minutes. If test fails then notify RE.
21. If needed pump scale converter per chemical reps recommendation and flush to bottom perforations. SION. If scale converter is not needed skip to pumping the acid job.
 - **If scale converter is pumped, swab back load.**
 - **Test lines to 5,000 psi prior to pumping anything.**
22. MIRU acid contractor. Monitor casing pressure throughout acid job. Bleed back to open top pit with a horn at the top. If pressure exceeds 500 psi during acid job or if communication occurs shut down and notify RE. Acidize perforations (9043-9095) with 3900 gallons of 15% HCL mixture dropping GRS per the attached petroplex proposal. Flush to bottom perfs @ 9095' with fresh water. **Maximum surface pumping pressure is 5000 psi. Set pop-off to 4900 psi.** Report acid volumes and pressures on morning wellview report.
 - **Test pop off using FW. Set the trucks kill switch to go off at 4500 psi.**
23. Record ISIP, 5, 10, and 15 minute SIP's. Allow acid to spend 2 hour. Flow well back on a choke.
 - **If needed swab back until we have 100% of the load or formation fluid return to surface.**
24. Unset packer and TIH and tag salt.
25. Clean out salt to PBTD. (9265')



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26. POOH with notched collar, packer and WS laying down.
27. PU and RIH with 2-7/8" L-80 8rd 6.5# production tubing and production BHA.
28. Set TAC.
29. Monitor the well for 30 minutes to ensure it is dead.
30. ND BOP and NU WH.
31. TIH with rods and pump per the attached rod design. Load and test tubing and long stroke the pump.
 - **If there is a pumping unit on location then space out. If not talk to the ALCR and space out based off of the given measurements.**
32. RDMO
33. Conduct well hand over form with FMT.
34. Turn well over to production.



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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 2600 ppm
at the maximum anticipated escape volume (of wellbore gas) of 100 MCF/D
100 ppm Radius of Exposure is 43 feet.
500 ppm Radius of Exposure is 20 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

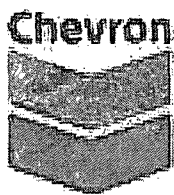
Identify hazards with the crew as they come up during the job. Stop and review and discuss JSAs.

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.



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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.

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 psi 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.

Chevron U.S.A. Inc. Wellbore Diagram : TBAU 15

Lease: OVC VACUUM FMT		Well No.: TBAU 15 15		Field: TRINITY	
Location: 1645FNL354FEL		Sec.: N/A		Blk:	
County: Lea	St.: New Mexico	Refno: HQ7811	API: 3002536884	Cost Center: UCRJ40110	
Section: E038		Township: 22		Range: S012	
Current Status: ACTIVE			Dead Man Anchors Test Date: 07/07/2014		
Directions:					

Tubing String Quantity (Top-Bottom Depth) Desc

280 @ (19-8920) L-80 2.875 OD/ 6.50# T&C External Upset 2.441 ID 2.347

1 @ (8920-8924) L-80 2.875 OD/ 6.50# T&C External Upset 2.441 ID 2.347

2 @ (8924-8989) L-80 2.875 OD/ 6.50# T&C External Upset 2.441 ID 2.347

1 @ (8989-8992) Tubing Anchor/Catcher 2.875-

2 @ (8992-9057) L-80 2.875 OD/ 6.50# T&C External Upset 2.441 ID 2.347

2 @ (9057-9122) Blast Joint 2.875 OD

ENDURALLOY JTS:

1 @ (9122-9122) Seat Nipple - Standard (2.875) Cup Type-

1 @ (9122-9127) L-80 2.875 OD/ 6.50# T&C External Upset 2.441 ID 2.347 Drift

- PERFORATED-

1 @ (9127-9158) L-80 2.875 OD/ 6.50# T&C External Upset 2.441 ID 2.347

Drift WITH BULL PLUG-

Rod String Quantity (Top-Bottom Depth) Desc

1 @ (19-45) 1.500 (1 1/2 in.) Spray Metal x 26-

96 @ (45-2445) 1.000 (1 in.) N-97 (HS) x 25 Rod-

100 @ (2445-4945) 0.875 (7/8 in.) N-97 (HS) x 25 Rod-

161 @ (4945-8970) 0.750 (3/4 in.) N-97 (HS) x 25 Rod-

6 @ (8970-9120) 1.500 (1 1/2 in.) (Unknown) x 25 Sinker Bar-

1 @ (9120-9124) 1.000 (1 in.) (Unknown) x 4 Rod Sub-

1 @ (9124-9148) Rod Pump (Insert) (NON-SERIALIZED) - 25-125-R H BM -24-6 (Bore = 1.25)-

Surface Casing (Top-Bottom Depth) Desc

@ (19-539) Wellbore Hole OD-17.5000-

@ (19-539) Cement (behind Casing)-

@ (19-539) H-40 13.375 OD/ 48.00# Round Short 12.715 ID 12.559 Drift-

Intermediate Casing (Top-Bottom Depth) Desc

@ (539-2229) Wellbore Hole OD-12.2500-

@ (2229-4500) Wellbore Hole OD-11.0000-

@ (19-4500) Cement (behind Casing)-

@ (19-4500) J-55 8.625 OD/ 32.00# Round Long 7.921 ID 7.796 Drift-

Production Casing (Top-Bottom Depth) Desc

@ (4500-9265) Wellbore Hole OD- 7.8750-

@ (4480-9265) Cement (behind Casing)-

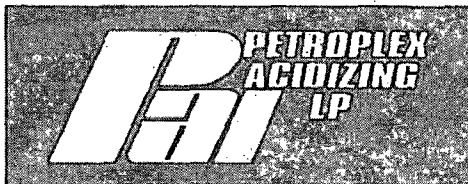
@ (19-9265) L-80 5.500 OD/ 17.00# Round Long 4.892 ID 4.767 Drift-

@ (9043-9070) Perforations-Open

@ (9043-9070) Producing Interval (Completion)-

@ (9170-9265) Plug - Cement-

Ground Elevation (MSL): 3798.00		Spud Date: 10/03/2004		Compl. Date: 01/01/1800	
Well Depth Datum: Kelly Bushing		Elevation (MSL): 3817.00		Correction Factor: 19.00	
Last Updated by: acostde		Date: 08/05/2014			



Petroplex

P.O. Box 60365

Midland, Texas 79711

Office: (432) 563-1299 Fax: (432) 561-9454

Mobile: (432) 631-5183

E-Mail: dustin@petroplex.com Web: www.petroplex.com

Chevron

TABU 15

Procedure prepared for Cody Baca

Prepared on December 03, 2014

Wellbore Description

Tubing = 2 7/8 6.50#

Casing = 5 1/2 17.00#

Packer setting = +/- 8,943 foot

Perforations =

	Beginning	End	Feet	SPF	Total Shots
Production intervals	9,043	9,070	27	2	54
	9,075	9,079	4	2	8
	9,087	9,095	8	2	16
Total net feet			39	Total Shots	78

PBTD = 9,170

County = Lea

Bottom hole temperature estimate = 145

Job Factors

Item	Size/Weight	Gallons Per Foot	Feet Per Gallon	Barrels Per Foot	Feet Per Barrel
Work string tubing	2 7/8 6.50#	0.2431	4.1134	0.0058	172.7645
Production Casing	5 1/2 17.00#	0.9764	1.0242	0.0232	43.01

Acid Stage Fluid Description 3,500 gallons of 15% HCL

<i>I-8, Acid Corrosion Inhibitor</i>	=	4	<i>Gallons Per Thousand</i>
<i>FEDX, Iron Reducing Agent</i>	=	3	<i>Gallons Per Thousand</i>
<i>FEBX, Iron Reducing Agent Activator</i>	=	2	<i>Gallons Per Thousand</i>
<i>FE/AS-2X, Anti-Sludge Acid System</i>	=	12	<i>Gallons Per Thousand</i>
<i>FeGreen, Iron sulfide dispersant</i>	=	3	<i>Gallons Per Thousand</i>

Block Materials

Medium grade rock salt = 1,500 pounds. Petroplex will only charge for what is used.

Pumping Requirements

Rate = 3 to 5 BPM

Maximum Pressure = 4,500 PSI

Customer To Provide

Flush Fluid for Acid job= +/- 66 barrels of fresh water or 2% KCL

9# to 10# Brine water = +/- 70 barrels

Fluid for pressure and rate establishment = +/- 20 barrels

Fluid for loading the casing (will be determined on location)

Procedure for acid job

- Step 1. Arrive on location perform safety meeting, job scope, and review JSA.
- Step 2. Verify treating packer setting at +/- 8,943 Ft.
- Step 3. Rig up to casing. Fill casing and test to +/- 500 PSI. Monitor during job.
- Step 4. Rig up to tubing. Test lines to 5,500 PSI
- Step 5. Establish pumping rate and pressure with fresh water.
- Step 6. Begin pumping 30 barrels of acid
- Step 7. Begin pumping +/- 700 pounds of medium grade rock salt
- Step 8. Begin pumping 30 barrels of acid
- Step 9. Begin pumping brine spacer of 26 barrels to evaluate performance of 1st block stage.
- Step 10. Begin pumping +/- 700 pounds of medium grade rock salt (May adjust according to performance of 1st block stage)
- Step 11. Begin pumping final acid stage of +/- 33 barrels
- Step 12. Begin pumping flush stage of +/- 66 barrels
- Step 13. Shut down and record ISIP and SIP at 5 min, 10 min, and 15 min intervals.
- Step 14. Rig down Petroplex and clean up location.
- Step 15. Allow acid to spend for 2 hours and flow or swab back load