

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 August 1, 2011

HOBBS OCD

AUG 19 2013

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

WELL API NO. 30-025-34509
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 BRUNSON ARGO
8. Well Number 27
9. OGRID Number 241333
10. Pool name or Wildcat WANTZ; ABO & DRINKARD
11. Elevation (Show whether DR, RKB, RT, GR, etc.)

SUNDRY NOTICE 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 <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator CHEVRON MIDCONTINENT, L.P.	
3. Address of Operator 15 SMITH ROAD, MIDLAND, TEXAS 79705	
4. Well Location Unit Letter: B 950 feet from the NORTH line and 1650 feet from the EAST line Section 9 Township 22S Range 37E NMPM County LEA	
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	

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 ☐

SUBSEQUENT REPORT OF:

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

OTHER: ADD PAY, ACID FRAC, & RTP

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 INTENDS TO ADD NEW PERFS WITHIN THE EXISTING INTERVAL AND ACIDIZE, AND RETURN TO PRODUCTION.

CHEVRON WILL USE THE CLOSED-LOOP SYSTEM WITH A STEEL TANK & 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: 08/14/2013

Type or print name: DENISE PINKERTON

E-mail address: leakejd@chevron.com

PHONE: 432-687-7375

For State Use Only

APPROVED BY:

[Signature]

TITLE

Dist. mgr

DATE

8-21-2013

Conditions of Approval (if any):

AFTER RETURNING THIS WELL TO PRODUCTION;
OCD requires form C-103 with dates and description
of work done. Also form C-104 with Transportors,
Perfs producing from, Tubing size & Depth, and
24 hour production test.

AUG 21 2013

Brunson Argo #27
Wantz – Drinkard/Abo
T22S, R37E, Sec. 9
N 32° 24' 39.096", W -103° 9' 51.768" (NAD27)
Job: Drill Out CIBP, Add Perfs, Acid Frac and RTP.

7.23.2013

PREWORK:

1. Utilize the rig move check list.
2. Check anchors and verify that pull test has been completed in the last 24 months.
3. Ensure location of & distance to power lines is in accordance with MCA SWP. Complete and electrical variance and electrical variance RUMS if necessary.
4. Ensure that location is of adequate build and construction.
5. Ensure that elevators and other lifting equipment are inspected. For wells to be worked on or drilled in an H₂S field/area, include the anticipated maximum amount of H₂S that an individual could be exposed to along with the ROE calculations for 100 ppm and 500 ppm.
6. Review JSA and hazards with rig crew. Visually inspect wellhead, casing and tubing valves. Decide whether tubing and casing valves can be used; replace as needed.
7. Scout location and mark off anything that might be hazardous to daily operations.

Reminders:

8. Caliper all lifting equipment at the beginning of each day or when sizes change. **Note in JSA and record on Elevator Change-out Log when and what items are callipered.**
9. When NU anything over an open wellhead (BOP, EPA, etc.) ensure the hole is covered to avoid dropping anything downhole.
10. Ensure well is secure/shut in with blind rams between job stages (nothing in well).
11. If pumping any cement, plugging back a well or changing producing intervals, always contact the OCD and give the details.
12. Hold safety meetings with all personnel on location prior to any major or abnormal operation.

Procedure:

This procedure is meant to be followed. It is up to the WSM, Workover Engineer and Production Engineer to make decisions necessary to SAFELY do what is best for the well. In the extent that this procedure does not reflect actual operations, please contact WE, PE and Superintendent for MOC.

- 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) MI & RU workover unit. **Note: Severe paraffin issues during '04 recompletion.**
- 3) ND wellhead, NU BOP dressed with 2-3/8" pipe rams on top and blind rams on btm. NU EPA equipment & RU floor. POOH and LD 1 jt 2-3/8" tbgr. PU 5-1/2" 17# rated packer along with a joint of 2-3/8" tubing and set below WH @ ~25'. Test BOP pipe rams to 250/1000 psi. Note testing pressures on Wellview report (Time log and safety/inspections). Release and LD packer.
- 4) POOH while scanning 2-3/8" prod tubing. (CIBP 6150', Perfs 6,182-6,594' & 6,664-7,246, EOT 6,150', PBTD 7,440'). Secure well.

Note: Strap pipe out of the hole to verify depths and note them on Wellview report.
Send scan log report to EAUI@chevron.com.

- 5) Shut in blind rams and pressure test casing down to CIBP to 250/500 psi. Notify WE of test results.

- 6) Change out pipe rams to 2 7/8". PU 5-1/2" 17# rated packer along with a joint of 2-7/8" tubing and set below WH @ ~25'. Test BOP pipe rams to 250/1000 psi. Note testing pressures on Wellview report (Time log and safety/inspections). Release and LD packer.
- 7) If pressure test failed in step 5, PU 5-1/2" 17# rated packer and TIH. Set packer at ~6145' and test both ways to 250/500 psi. **Notify WE of test results; casing repair may follow.** TOH and LD packer.
- 8) PU and RIH with 4-3/4" MT bit, 4 (3-1/2") drill collars on 2-7/8" 6.5# L-80 WS. Drill Out CIBP at 6,150. RU power swivel and clean out to 7,400' with foam/air unit (**continue to supplemental procedure and in accordance with attached SOG**). POOH with 2-7/8" WS and bit. LD bit & BHA.
- 9) MI & RU electric line unit. Set up an exclusion zone and establish radio silence when running perf guns. Install lubricator and test to 2000 psi. GIH with 3 3/8" EHC Predator casing gun (.42" EH & 47" penetration). Perforate 6408-23'; 6429-40'; 6446-64'; 6492-6512'; 6712-6728'; 6814-6822'; 6966-75', and 7060-69' with 2 JSPF at 120 degree phasing using 32 gram premium charges. POH. RD and release electric line unit. **Note: Use Apollo Perforators inc. CBL, GR, & CCL Tie Log 11/13/98.**
- 10) RIH with 5 1/2" 17# Arrow-Set 10K pkr, and On-Off tool w/ 2.25" frac hardened profile on 2-7/8" 6.5# L-80 WS. Hydro test to 7,000 psi. Set pkr @ ~6,082'. Load the backside and pressure test to 500 psi (Record as casing test in Wellview under "Safety/inspection"). Land the tubing w/ a 10K frac valve flanged to the top of the BOP.
- 11) RD & MO workover rig if necessary.
- 12) **Shut in neighboring wells for acid frac job (Brunson Argo #1 and #9).**
- 13) MI & RU Petroplex. Pressure test surface lines to 7000 psi and set mechanical pop offs to 6000 psi. Acid-Frac Drinkard/Abo from 6,182 – 7,246' with 20,000 gals 15% HCl acid per the attached procedure at a maximum rate of **20 BPM** and a maximum surface pressure of **6000 psi**. Pressure up on backside to 300 psi and monitor for communication throughout job. Pump job as follows (refer to attached Petroplex procedure): Record 5, 10, and 15 minute ISIP. RD & release Petroplex Services.
- 14) MI & RU workover unit if not already on location.
- 15) Leave well SI 1 hr for acid to spend. Open well and flow back/swab back spent treatment fluids to an open tank. Recover 100% of the load if possible or swab until returns indicate formation fluid and not spent acid. Report oil cut recovered, fluid volumes, and swabbing fluid levels. Note: Test reactivity of recovered acid load while swabbing. If acid is not spent, leave well SI additional time as required.
- 16) Release pkr. POOH 2-7/8" workstring, on-off tool, and pkr.
- 17) TIH w/ notched collar and workstring to PBTD to check for salt bridges. Pump 50 bbls fresh water across the perfs and TOH LD 2-7/8" tbg. Secure well.
- 18) MIUL and strap 2-3/8" production tubing.
- 19) Change out pipe rams to 2 3/8". PU 5-1/2" 17# rated packer along with a joint of 2-3/8" tubing and set below WH @ ~25'. Test BOP pipe rams to 250/1000 psi. Note testing pressures on Wellview report (Time log and safety/inspections). Release and LD packer.
- 20) RIH with 2-3/8" production tubing hydrotesting to 5,000 psi. Set TAC per ALCR/Planner recommendation. ND BOP. NU WH. RIH with rods and pump per ALCR/Planner. Hang well on. RD and release workover unit.
- 21) Turn well over to production.

FOAM / AIR CLEANOUT PROCEDURE

- This procedure is an addition to the original procedure.
 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. Hardline pipes from 2" casing valve to manifold to half pit with gas buster.
Set up an exclusion zone around flowback line.
 2. Install halfpit with gas buster for flowback.
 3. Position Air unit upwind from Rig next to water tanks. Have vacuum truck on standby to empty halfpit. (if needed)
 4. RIH with 4-3/4" MT bit, 4 (3-1/2") drill collars on 2-7/8" 6.5# L-80 WS.
 5. 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 being delivered to rig.** Check chart or test at rig.
 6. RU foam air unit. Make quality foam on surface before going down hole with foam/air. Install flapper float at surface before beginning to pump. Break circulation with foam/air. Evacuate fluid from well.

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

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. 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.

7. Clean out fill to 7,400' with low RPM's rotation and circulation, always keep pipe moving. Short trips can be beneficial to hole cleaning. Circulate well clean for at least 1 hour at the end of the day and pull up above the perforations before shut down for night. If the foam/air unit goes down, pull above the perforations.
8. When tripping out of hole, have special float bleed off tool available to relieve trapped pressure below float.

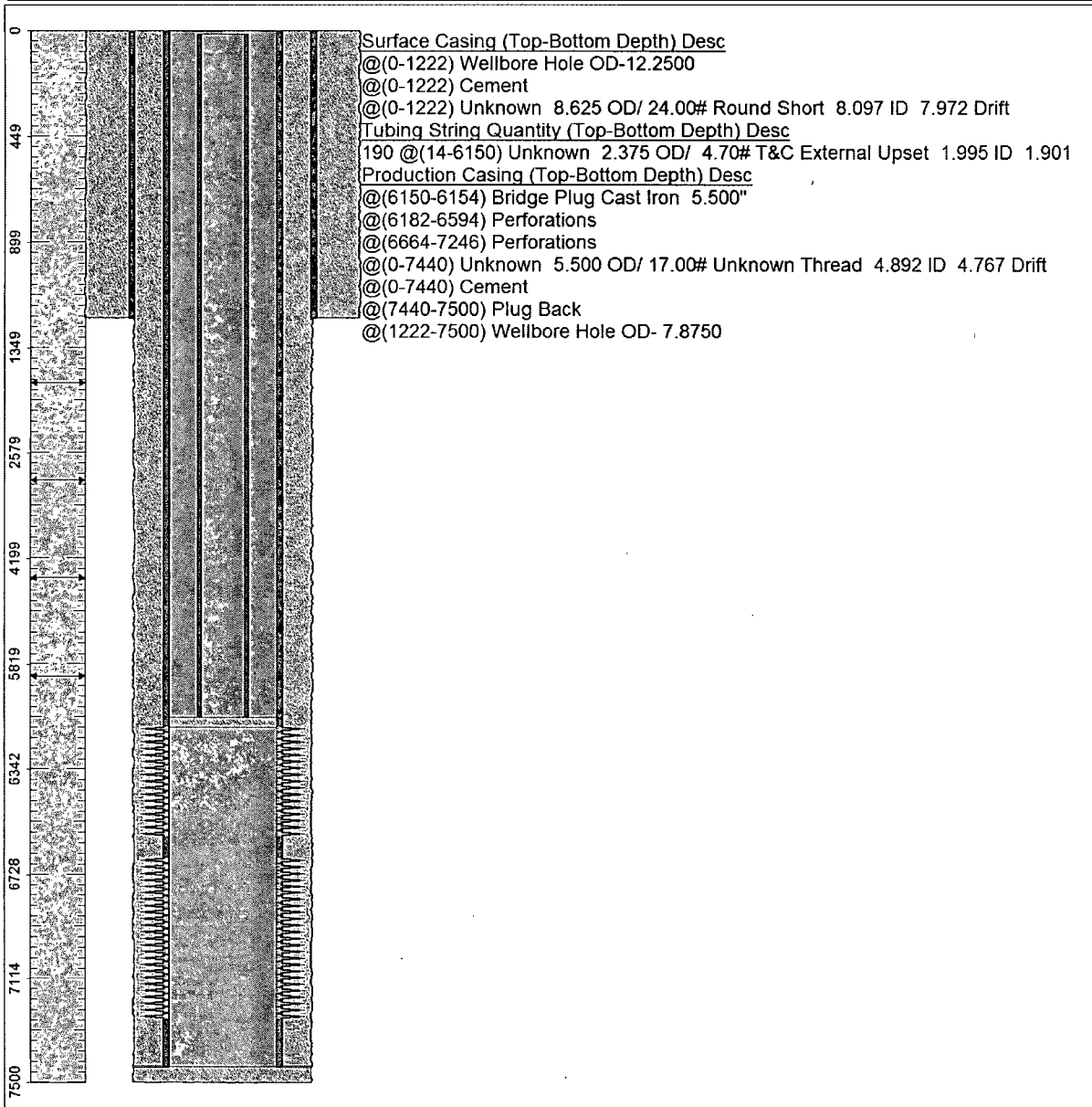
Ensure that high quality, stiff foam is pumped while circulating the fill. Stiff foam is required to prevent segregation while circulating. Monitor flow and pressures carefully when cleaning out.

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.

Continue on with original procedure for completion.

Chevron U.S.A. Inc. Wellbore Diagram : BRUNAR 27 DRKDHC

Lease: OEU EUNICE FMT		Well No.: BRUNSON ARG0 #27 WAN T/A 27 WAN		Field: FLD-WANTZ	
Location: 950FNL1650FEL		Sec.: N/A		Blk:	Survey: N/A
County: Lea	St.: New Mexico	Refno: BU4032		API: 3002534509	Cost Center: BCU524700
Section:		Township: N/A			Range: N/A
Current Status: ACTIVE				Dead Man Anchors Test Date: NONE	
Directions:					



Ground Elevation (MSL):: 3423.00	Spud Date: 10/25/1998	Compl. Date: 01/01/1970
Well Depth Datum:: CSI0000N	Elevation (MSL):: 0.00	Correction Factor: 0.00
Last Updated by: canojg	Date: 10/14/2008	

API No. :	30-025-34509
REFNO:	BU4032
Spud Date:	10/25/1998
Comp. Date:	
County:	LEA
State:	NM

PBTD: 7,440'
TD: 7,500'