Submit 1 Copy To Appropriate District Office	State of New Mexico	Form C-103 October 13, 2009
District I 1625 N. French Dr., Hobbs, NM 88240		WELL API NO.
District II	CONSERVATION DIVISION	30-025-34055
District III 1000 Pio Brazzos Pd. Artes NM 87MAR 10 2011	1220 South St. Francis Dr.	5. Indicate Type of Lease STATE 🖾 🖌 FEE 🗍
District III 1000 Rio Brazos Rd., Aztec, NM 87/IAR 10 2011 1220 South St. Francis Dr. District IV 1220 S. St. Francis Dr., Santa Fe, NOBBSOCD 87505		6. State Oil & Gas Lease No.
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		7. Lease Name or Unit Agreement Name MONUMENT 12 STATE
PROPOSALS.) 1. Type of Well: Oil Well Gas Well Other		8. Well Number 11
2. Name of Operator CHEVRON U.S.A. INC.		9. OGRID Number 4323
3. Address of Operator 15 SMITH ROAD, MIDLAND, TEXAS 79705		10. Pool name or Wildcat MONUMENT; ABO, NORTH
4. Well Location		
	NORTH line and 2060 feet from the W	
Section 12 Township 19S Range 36E NMPM County LEA		
11. Elevat	ion (Show whether DR, RKB, RT, GR, etc.	
12. Check Appropriat	e Box to Indicate Nature of Notice,	Report or Other Data
NOTICE OF INTENTION		SEQUENT REPORT OF:
PERFORM REMEDIAL WORK PLUG AN	D ABANDON C REMEDIAL WOR PLANS C COMMENCE DR	RK     ILLING OPNS.         P AND A
PULL OR ALTER CASING MULTIPLE		
OTHER INTENT TO ACIDIZE W/SONIC HAM		
	ions. (Clearly state all pertinent details, an ULE 19.15.7.14 NMAC. For Multiple Co	d give pertinent dates, including estimated date mpletions: Attach wellbore diagram of
CHEVRON U.S.A. INC. INTENDS TO ACIDIZ	ZE OPEN HOLE ABO SECTION & REPI	LACE ANY BAD TBG, PMP, ETC.
PLEASE FIND ATTACHED, THE INTENDED	PROCEDURE AND C-144 INFO.	
Spud Date:	Rig Release Date:	
I hereby certify that the information above is true	e and complete to the best of my knowledg	ge and belief.
Xen in Pin Kert	<del>п</del> и)	
SIGNATURE ALL ALL ALL ALL ALL ALL ALL ALL ALL AL	TITLE REGULATORY SPEC	IALIST DATE 03-08-2011
Type or print name DENISE PINKERTON For State Use Only	E-mail address: <u>leakejd@chevron.com</u>	PHONE: 432-687-7375
APPROVED BY:	TITLE STATE Ma	DATE 3-30-2011
Conditions of Approval (if any)?		
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Monument 12 State #11 Monument North Field T19S, R36E, Sec.12, 2060' FWL 2310' FNL Job: Acidize OH section with Sonic Hammer

## **Procedure:**

- 1. This procedure is based on the most recent information regarding wellbore configuration and equipment that could be found in the Midland office well files and computer databases as of January 24, 2011. Verify what is in the hole with the well file in the Eunice field office. Discuss with WEO Engineer, Workover Rep, OS, ALCR, and FS prior to rigging up on well regarding any hazards or unknown issues pertaining to the well.
- 2. Displace flowline with fresh water. Have field specialist close valve at header. Pressure line according to the type of line. Buried fiberglass lines will be tested with 300 psi. All polypipe (SDR7 and SDR11) will be tested w/100 psi. All steel lines will be tested w/1000 psi. If a leak is found, contact Donnie Ives for repair/replacement. If test is good, bleed off pressure and open valve at header. Document this process in the morning report. Note: Prior to performing this step of the procedure, ensure that all valves, pipe, and fittings that will be exposed to test pressure are rated higher than the planned test pressure.
- 3. MI & RU workover unit. Bleed pressure from well, if any. Pump down casing with 8.6 PPG cut brine water, if necessary to kill well. Unseat pump and POOH rods and pump. Examine rods for wear and pitting. If rods show paraffin, clean rods with 40 bbls fresh hot water and 70 gals PAO-104. ND WH.
- 4. Release TAC. Record tension on TAC. NU BOP's and test as required. PU 2 jts and tag for fill (TAC 7167' – Top of OH interval 7230' – EOT 7468' – COTD 7528'). TOOH tbg. Scan tubing while tripping out of hole with tbg. Send all non-yellow band pipe to 1788 yard. Remove bull plug from BHA and collect sample from mud anchor for Baker chemical rep. Pressure test casing to 500 psi. Record tag depth. If tag depth above 7500', discuss with Midland Engineering before continuing.
- 5. Contact Sonic tool rep to be on site during job. PU and GIH with Sonic Hammer tool and 2 7/8" L-80 6.5# workstring to previously tagged depth while hydrotesting tbg to 5500 psi. Install stripper head and stand pipe with sufficient treating line to move tools vertically 65'. Rig up pressure gauges to allow monitoring of tbg and csg pressure.

6. Treat OH interval 7528-7230' with 50 bbls of water per stand 8.6 PPG cut brine water. Pump down 2 7/8" tbg and through Sonic Hammer tool at **5 BPM** while reciprocating tool across the perforated interval. Do not exceed 5000 psi tubing pressure. Leave annulus open in circulation mode while treating the perforated interval with water.

Treat the same 60' interval w/ 1,500 gals 20% NEFE HCl acid. Spot 3 bbls acid outside tbg, shut in and close csg valve, pump acid @ 5BPM at first open hole interval from 7528'-7470', monitor csg pressure and do not exceed 500 psi on backside. Ensure that 1500 gal of acid is pumped across each 60' section of open hole (7500 gals acid total). Flush tbg w/ 8.6 cut brine, LD 1 stand and continue w/ next interval. Please see below example of intervals.

STAND	OH INTERVAL	
1	7528' (or tagged depth) – 7470'	
2	7470' - 7410' -	
3	7410' – 7350'	
4	7350' – 7290'	
5	7290' – 7230'	

PU workstring into casing. Shut in for 1 hrs for the acid to spend. Bleed excess pressure off at surface if necessary to keep casing pressure below 500 psi. If well is dead or on a vacuum, proceed to RIH and tag for fill. If fill is below 7500', proceed to POOH and LD 2-7/8" workstring and Sonic Hammer tool. RD and release pump truck. If fill is tagged above 7500', consult with remedial engineer for cleanout options.

- 7. RIH w/ 2-7/8" production tubing and hang off per ALS recommendation. NDBOP. NUWH. RIH w/ rods and pump per ALS. RD and release workover unit.
- 8. Turn well over to production. Report producing rates, choke sizes, flowing pressures and/or fluid levels. Notify field specialist or ALCR when complete. Kelly Devilbiss 575-631-9138.