

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

HOBBS
NOV 16 2012
RECEIVED

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. 30-025-32805
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other INJECTOR		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 CENTRAL VACUUM UNIT
4. Well Location Unit Letter C : 1236 feet from the NORTH line and 1875 feet from the WEST line Section 6 Township 18-S Range 35-E NMPM County LEA		8. Well Number 200
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3975' GL		9. OGRID Number 4323
		10. Pool name or Wildcat VACUUM G/B SAN ANDRES

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

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/>		SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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.

THIS WELL WAS FOUND TO HAVE PRESSURE ON THE BACKSIDE. WILL BE RIGGED UP ON TO REPAIR THE WELL, IMPROVE CONFORMANCE, AND RTI.

Per Underground Injection Control Program Manual

11.6 C Packer shall be set within or less than 100 feet of the uppermost injection perfs or open hole.

**The Oil Conservation Division
MUST BE NOTIFIED 24 Hours
Prior to the beginning of operations**

**Condition of Approval: notify
OCD Hobbs office 24 hours
prior of running MIT Test & Chart**

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 Danise Pinkerton TITLE Reg. Spec DATE 11-15-12
 Type or print name Danise Pinkerton E-mail address: _____ PHONE: 432-687-7375
For State Use Only

APPROVED BY: [Signature] TITLE DIST MGR DATE _____
 Conditions of Approval (if any): _____

NOV 19 2012

Well: Central Vacuum Unit # 200
Field: Vacuum Grayburg San Andres
API No.: 30-025-32805
Lea County, New Mexico

Description of work: Test Tubing, release packer, POOH with tubing and packer. Add new perfs with StimGun, acidize & RIH with injection equipment.

Pre-Work:

Check wellhead and all connections and change out anything that needs to be replaced prior to rigging up on the well

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. Caliper all lifting equipment at the beginning of each day or when sizes change.
6. When NU anything over and open wellhead (EPA, etc.) ensure the hole is covered to avoid dropping anything downhole
7. 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 (attached).
8. If the possibility of trapped pressure exists, check for possible obstruction 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, eline or rods to verify no obstruction. Prior to making any dummy run contact RE and discuss.

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.

Procedure:

1. Rig up pulling unit. Check wellhead pressure, and pump tubing volume of 10# BW. Calculate kill mud weight.
2. Rig up wireline truck. Test lubricator to 1,000 psi on catwalk. RIH with gauge ring. Set 1.5" "F" blanking plug in profile nipple. Pressure test tubing to 1,500 psi after plug is set. Bleed off pressure.
3. ND wellhead. NU 5,000 psi BOP with 2-7/8" pipe rams over blinds with hydrill on top.

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4. Release from on/off tool. Circulate kill mud. POOH with 1 joint of tubing, install 5-1/2" test packer, RIH & set packer at ~25'. Test BOP to 250 psi low / 500 psi high. POH & lay down test packer.
5. Latch back up and pressure casing to 500 psi to test for a casing leak.
6. POH with 2-7/8" fiberlined injection tubing. Scan tubing coming out of the hole, laying down bad joints. Provide remedial engineer tubing scan results so a decision can be made on the amount of new 2-7/8" Fiberline tubing will need to be purchased.
7. PU & RIH with on-off shuck, 4' perf sub on 2-7/8" work string. Latch up to on-off tool. RU WL and pull plug.
8. Release Arrowset packer and TOH. Lay down packer.
9. Rig up wireline truck. Test lubricator on cat walk to 500 psi. NU Lubricator. Run in hole w/ 4 3/4" gauge ring to 4,630'. Get on depth with Wedge Wireline GR/CCL dated 04/01/95 (tie in strip attached). RIH with Baker Hughes Stimgun (propellant stimulation). Perforate the 5-1/2" casing as per Baker Hughes specs. Perforations are at 4,338' – 4,465', 4,490' – 4,600'.
10. POOH with Stimgun. Rig down wireline truck.
11. PU 5-1/2" treating packer & RBP (tubing retrieve) on 2-7/8" L80 workstring. Test tubing to 5,000 psi below slips while RIH.
12. Set RBP at 4,610'. Set packer at 4,234'. Prepare to acid stimulate.
13. Acidize San Andres perfs from 4,338 – 4,600' with 16,000 gal 15% HCL. Pump acid in 4 equal stages and block with 8,000lbs rock salt/stage as a diverting agent. Adjust salt volumes as necessary based on pressure response. Pump acid at 6-8 BPM. Max Pressure = 4,800 psi. Load and pressure backside to 500 psi. Displace acid with FW to bottom perf at 4,686'. Monitor casing pressure for communication around packer.
14. Shut-in for 2 hours to allow acid to spend.
15. Flow or swab load back.
16. Release packer. Kill well as necessary. RIH to release RBP. POH and laydown packer, RBP, and work string.
17. Hydro-test and RIH with 2-7/8" Fiberlined injection tubing with on-off tool and 1.5" ID 'F' profile nipple and 5-1/2" Arrow Set IX (external nickel plated, internal plastic coated) injection packer with pump out plug on bottom.
18. Set packer at 4,165' (Upper most setting depth is 4,156').
19. Unlatch tubing from packer and circulate packer fluid.
20. Latch tubing back on to packer.
21. Pressure backside to 500 psi and hold for 30 minutes (pre-MIT).
22. Bleed off pressure. ND BOP. NU wellhead. Pressure tubing to pump out plug.

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23. Install chart recorder. Pressure backside to 500 psi for 33 minutes to satisfy requirements for an official MIT. Send chart to Denise Pinkerton (Chevron Regulatory) in Midland Office.
24. Rig down pulling unit.
25. Write work order to re-connect the injection line.
26. File C-103 subsequent report with MIT chart attached (Denise Pinkerton - Chevron Regulatory).
27. Place well on injection.

RRW 9/21/2012

Contacts:

Remedial Engineer – Larry Birkelbach	(432-687-7650 / Cell: 432-208-4772)
Production Engineer – Ryan Warmke	(432-687-7452 / Cell: 281-460-9143)
Baker Hughes Rep – Doug Lunsford	(432-570-1050 / Cell: 432-559-0396)
ALCR – Danny Acosta	(Cell: 575-631-9033)
D&C Ops Manager – Boyd Schaneman	(432-687-7402 / Cell: 432-238-3667)
D&C Supt. – Heath Lynch	(432-687-7857 / Cell: 281-685-6188)
OS – Nick Moschetti	(Cell: 432-631-0646)

**CURRENT
WELLBORE DIAGRAM**

CVU 200

Created: 4/9/2009 By: Cayce
Updated: 5/24/2011 By: PTBP
Updated: By: _____
Lease: Central Vacuum Unit
Surface Location: 1236' FNL & 1875' FWL
Bottomhole Location: _____
County: Lea St: NM
Current Status: Active Water Injection
Directions to Wellsite: _____

Well No.: 200
Unit Ltr: C
Unit Ltr: _____
St Lease: _____
Elevation: 3975' GR
Field: Vacuum Grayburg San Andres
Sec: 6 TSHP/Range: 18S 35E
Sec: _____ TSHP/Range: _____
API: 30-025-32805 Cost Center: _____
CHVNO: TEPI: _____
MVP: _____

Surface Csg.

Size: 8-5/8"
Wt.: 24# WC-50 STC
Set @: 1524'
Sxs cmt: 525
Circ: Yes
TOC: surface
Hole Size: 11'

KB. 3989'
DF: 3988'
GL: 3975'
Original Spud Date: 3/18/1995
Original Compl. Date: 4/7/1995

Production Csg.

Size: 5-1/2"
Wt.: 15.5# WC-50 LTC
Set @: 4850'
Sxs Cmt: 812
Circ: yes
TOC: surface
Hole Size: 7 7/8"

Perforation detail:

4256-59, 62-65, 70-73, 77-78, 4308-15, 15-18, 19-20, 22-24, 40-44, 48-53, 56-62, 70-80, 83-85, 87-92, 94-95, 4398-4401, 03-05, 07-18, 26-31, 41-51, 54-69, 88-89, 91-99, 4506-18, 21-27, 29-36, 38-43, 48-54, 57-58, 66-68, 71-80, 84-88, 90-93, 96-98, 4600-4602', 4608-4610', 4623-4625', 4636-4637', 4663-4669, 4669-4689, 4689-4709, 4738-4756, 4756-4776

PBTD: 4786'
TD: 4850'

Well History

3/18/95 Spud
4/95 Began injection of water
1/96 Casing test
12/97 CO 4453-4760, acidize perms 4253-4661 w/10M gals + 6000# RS, flowed back. Performed MIT.
4/98 Cross well tomography
6/99 Performed MIT
11/06 MIT failure. CO 4209-4714', bad csg in perms, mill 4455-4605, tight spot 4466-70, milled, c/o 9 to 4794'. Perf 4756-4776, 4738-4756, 4689-4709, 4669-4689, 4663-4669. Acidize 4253-4776 w/5000 gals 15% acid. TIH w/mill & tag @ 4722'. c/o 4722-4794.
3/09 Bad tbq valve

2-7/8" Fiberlined Tubing

Arrowset Pkr w/ o/o tool (1 50" 'F' PN) @ 4,171'

Perfs 4256' - 4776'