

Submit 1 Copy To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
October 13, 2009

OIL CONSERVATION DIVISION
RECEIVED
1000 South St. Francis Dr.
Santa Fe, NM 87505

SEP 13 2011

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. 30-025-39642
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> <i>Inj</i>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator ConocoPhillips Company		6. State Oil & Gas Lease No.
3. Address of Operator 3300 N "A" St, Bldg 6 Midland, TX 79705		7. Lease Name or Unit Agreement Name EVGBSA Unit 3333W
4. Well Location Unit Letter F : 2218 feet from the North line and 1580 feet from the West line Section 33 Township 17S Range 35E NMPM County Lea		8. Well Number 504
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3947'		9. OGRID Number 217817
		10. Pool name or Wildcat Vacuum; Grayburg-San Andres

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: Cement Squeeze



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.

1. MIRU service unit, NU BOP
2. RU rotary wireline, RIH and shoot squeeze holes @ 350'
3. Set retainer @ 320', squeeze w/80 sx cmt. verify cmt returns through surf/prod annulus, squeeze 5 more sx cmt. wait 2 hrs and open valve
4. Drill out squeeze retainer and cmt, close BOP and pressure test to 500 psi
5. RU rotary wireline. shoot squeeze holes @ 1620' using tubing puncture gun
6. Set retainer @ 1600' pump 250 sx cmt per SLB recommendation, sting out of retainer, POOH
7. Drill out squeeze retainer and cmt. Close BOP and pressure test to 500 psi. POOH
8. Continue with well completion procedure

*Please see attachment

Spud Date:

05/20/2011

Rig Release Date:

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

SIGNATURE

Brian D. Majorino

TITLE Regulatory Specialist

DATE 09/12/2011

Type or print name Brian D Majorino

E-mail address: brian.d.maiorino@conocophillips.com PHONE: (432)688-6913

For State Use Only

APPROVED BY

Staff MGR

TITLE

Staff MGR

DATE

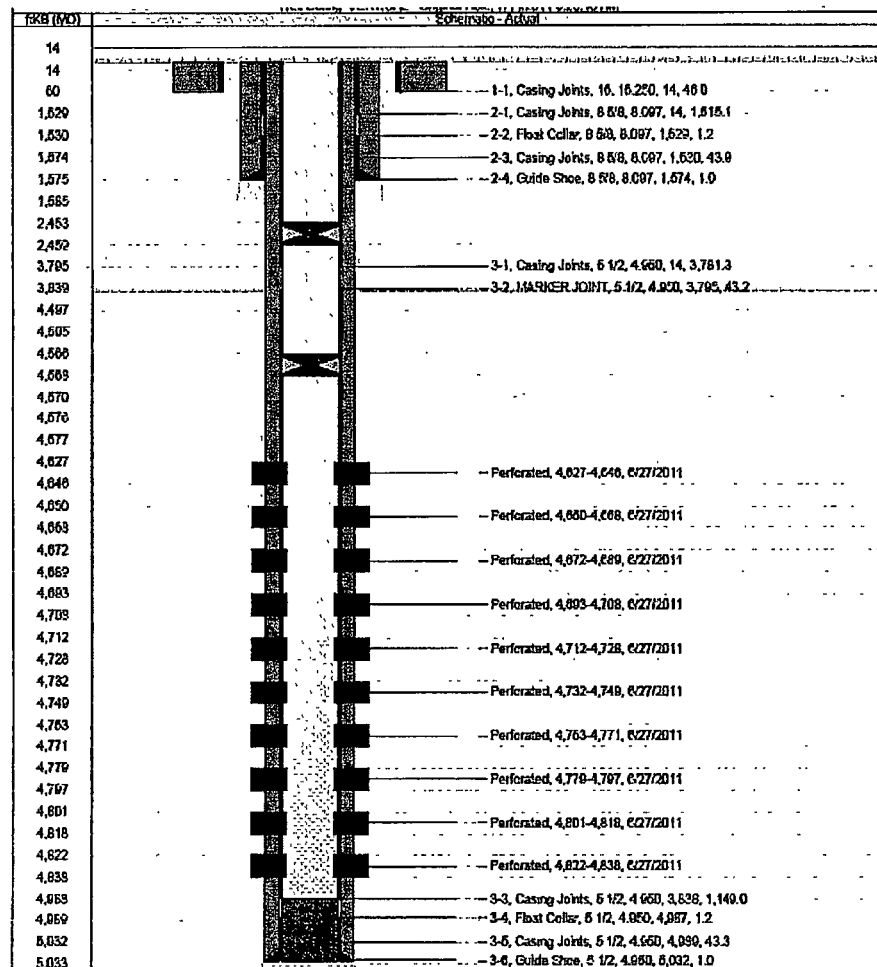
9-13-2011

Conditions of Approval (if any):

SEP 13 2011

PROCEDURE

1. MI & RU service unit. NU BOP. The following is well file source summary of current well configuration:



2. RU Rotary Wireline. RIH and shoot squeeze holes @ 350' using tubing puncture gun (Penetration - 1/2")
Note - Project Lead is to ensure all phones/wireless devices are turned off before operation.
3. RIH w/ 2-7/8", 6.5#, J-55 workstring and cement retainer. Set retainer @ 320'

Establish Pump-in rate using 10# Brine. Report rate/pressure to Engineering. If rate establishment is unsuccessful, Pump 1000 gals 15% HCl.

Pump 20 bbl fresh water spacer.

Mix & pump 80 sx cmt per SLB recommendation (approximately 13.8 bbl in 8 5/8" x 5 1/2" annulus is .0343 bbl/ft or 0.1926 sx/ft @ 400') @ 1-2 BPM (14-27 min.).

Verify cement returns through surface/production annulus. Check pressure.

Close surface/production casing valve and squeeze 5 more sxs of cement.

Wait 2 hours and open valve.

Sting out of Retainer. POOH.

Cement Recipe - API Class C Cement with D400 GasBLOK from Schlumberger.

API Class C	
Water Requirement:	6.3 gal per sx
Slurry Yield:	1.32 cu.ft. per sx
	4.25 sx per bbl
Slurry Density:	14.8 ppg
Estimated Thickening Time	1.0-1.5 hrs

4. TIH 2 7/8" 6.5# J-55 workstring, 3 – 3 1/2" drill collars and 6 1/8" bit. Drill out squeeze retainer and cement. Close BOP and pressure test to 500 psi. POOH
5. RU Rotary Wireline. RIH and shoot squeeze holes @ 1620' using tubing puncture gun (Penetration – 1/2")
Note – Project Lead is to ensure all phones/wireless devices are turned off before operation.
6. RIH w/ 2-7/8", 6.5#, J-55 workstring and cement retainer. Set retainer @ 1600'

Establish Pump-in rate using 10# Brine. Report rate/pressure to Engineering.

If rate establishment is unsuccessful, Pump 1000 gals 15% HCl.

Pump 20 bbl fresh water spacer.

Mix & pump 250 sx cmt per SLB recommendation (approximately 45 bbl in 8 5/8" x 5 1/2" annulus is .0343 bbl/ft or 0.1926 sx/ft) @ 1-2 BPM (23-45 min.).

Sting out of Retainer. POOH.

Cement Recipe - API Class C Cement with D400 GasBLOK from Schlumberger.

API Class C	
Water Requirement:	6.3 gal per sx
Slurry Yield:	1.32 cu.ft. per sx
	4.25 sx per bbl
Slurry Density:	14.8 ppg
Estimated Thickening Time	1.0-1.5 hrs

7. TIH 2 7/8" 6.5# J-55 workstring, 3 – 3 1/2" drill collars and 6 1/8" bit. Drill out squeeze retainer and cement. Close BOP and pressure test to 500 psi. POOH.
8. Continue with well completion procedure.
Completion Engineer – Stuart Archibald – 832-486-3255