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

RECEIVED
MAR 10 2011
HOBBSOCD

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

Form C-103
October 13, 2009

WELL API NO. 30-025-02184

5. Indicate Type of Lease STATE ☒ FEE ☐

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 PROPOSALS.)

7. Lease Name or Unit Agreement Name
WEST VACUUM UNIT

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

8. Well Number 15

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
VACUUM GRAYBURG S/A

4. Well Location
Unit Letter F: 1980 feet from the NORTH line and 1980 feet from the WEST line
Section 33 Township 17S Range 34E 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:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
OTHER: RETURN TA'D WELL TO PRODUCTION				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. PROPOSES TO ACIDIZE, REPLACE TBG, & RETURN THE SUBJECT WELL TO PRODUCTION.

PLEASE FIND, ATTACHED, THE INTENDED PROCEDURE, WELLBORE DIAGRAM, & C-144 INFO.

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 03-08-2011

Type or print name DENISE PINKERTON E-mail address: leakejd@chevron.com PHONE: 432-687-7375

For State Use Only

APPROVED BY: TITLE PETROLEUM ENGINEER DATE MAR 30 2011

Conditions of Approval (if any):

WVU 15

Job: Return TA'd well to Production
API No. 30-025-02184
West Vacuum Unit Field
Lea County, NM

Workover Procedure:

1. MIRU PU. Kill well.
2. ND wellhead. NU 3K manual BOP w/ blind rams in bottom and 2-7/8" pipe rams in top.
3. TIH w/ 4-3/4" MT bit, 8 - 3 ½" DCs, and 2-7/8" EUE, L-80, 6.5# WS and clean out through CIBP (RIH slowly from 4050' – 4274' to locate CIBP) and drill to 4710' TD. (RU Foam Air Unit if needed and refer to attached foam / air procedure)
4. TOH.
5. RIH w/ 5-1/2" tension set treating pkr on 2-7/8" EUE, L-80, 6.5# WS and set @ 4200'. Hydrotest to 5500psi while RIH. Test backside to 500 psi. Hold 500 psi casing pressure and monitor backside for communication.
6. Have 10,000 lbs of rock salt on site. Pump acid at 8 BPM. Max Pressure: 5000 psi. Acidize Open Hole 4274'-4715' with 12,000 gallons 15% NEFE HCl in 5 stages of acid and 4 stages of Rock Salt (Use BW during acid job) as follows:

    1) 4000 gals 15% NEFE HCL
    2) 3000# Rock Salt
    3) 2000 gals 15% NEFE HCL
    4) 1500# Rock Salt
    5) 2000 gals 15% NEFE HCL
    6) 1500# Rock Salt
    7) 2000 gals 15% NEFE HCL
    8) 1500# Rock Salt
    9) 2000 gals 15% NEFE HCL
    10) Switch to FW to displace to bottom perf.

    Note: Adjust Rock Salt volume based on results of previous drops.

7. Shut-in for 1 hour.
8. Flow or swab back load.
9. Record oil cut and notify Engineer.
10. Release pkr. TOH w/ tbg and pkr.
11. TIH w/ 4-3/4" MT bit, 8 - 3 ½" DCs, and 2-7/8" EUE, L-80, 6.5# WS and cleanout to 4710'. TOH.

12. Close blind rams. Change BOP from 2 7/8" to 2 3/8".
13. RIH w/ new 2-3/8" J-55 production tbg and set TAC per ALCR. Note TAC setting tension in Wellview.
14. ND BOP. NU wellhead
15. RIH w/ pump and rods per ALCR.
16. RDMO PU.
17. Turn well over to production. Return to Production.

Contacts:

Ty Gill – Remedial Engineer (432-853-3652)
Carlos Valenzuela – ALCR (Cell: 575-390-9615)
Edgar Acero – Production Engineer (432-687-7343 / Cell: 432-230-0704)
Sam Prieto - Peak Packers (525-631-7704)
Steve Pendleton – Petroplex (432-556-4211)

Foam / Air Cleanout Procedure

1. **Review All JSA's associated with work. Ensure exclusion zones are identified and communicated to all personnel.**
2. Install flowback manifold with two chokes. All components on flowback manifold must be rated to at least 3,000 psi. Flowback manifold components should be hydrotested before delivery. Recommend mandating proof of testing from vendor.
3. Install flowback tank downwind from rig.
4. Ensure there is a Near Bit Float (If not consult with the engineer to TOOH to install)
5. Install test plug in wellhead. Close pipe rams and pressure test connection between BOP and wellhead to 250 psi/2,000 psi. Bleed off pressure.
6. Open pipe rams and close annular. Pressure test connection between BOP and wellhead to 250/1,500 psi. Bleed off pressure. Open annular. Remove test plug.
7. 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. Ensure stump test documentation can be provided upon arrival.**

8. RIH to +/- 4700 RU foam air unit. Install 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.

9. Strip in hole until tag.
10. Rig up power swivel. Break circulation with foam/air. Install float at surface before beginning to pump. Cleanout as per original procedure. Circulate hole clean.
11. Kill tubing and casing using Brine water. If needed.
12. POOH LD workstring and bit. Brine water down tubing to put tubing on vacuum to help eliminate trapped pressure before breaking out string floats. **Have foam-air hand on location during this process.**
13. ND Stripper and flowback manifold.
14. Resume original procedure.

WVU #15 Wellbore Diagram

Created:	09/17/08	By:	JSS
Updated:	09/17/08	By:	JSS
Lease:	Vacuum Grayburg San Andres Unit		
Field:	same		
Surf. Loc.:	1980' FNL, 1980' FWL		
Bot. Loc.:			
County:	Lea	St.:	NM
Status:	**TA'd Oil 8/30/06**		

Well #:	15	St. Lse:	858150
API	30-025-02184		
Unit Ltr.:	F	Section:	33
TSHP/Rng:	S-17 E-34		
Unit Ltr.:		Section:	
TSHP/Rng:			
Directions:	Buckeye, NM		
	Chevno: FA3345		

Surface Casing

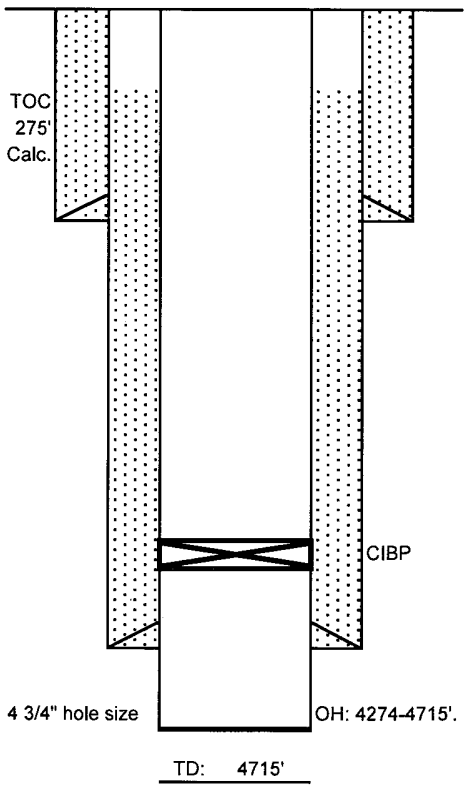
Size:	8 5/8"
Wt., Grd.:	28#
Depth:	813'
Sxs Cmt:	400
Circulate:	yes
TOC:	surface
Hole Size:	11

Production Casing

Size:	5 1/2"
Wt., Grd.:	17#
Depth:	4274'
Sxs Cmt:	750
Circulate:	no
TOC:	275' Calc.
Hole Size:	7 7/8"

Original OH:
4274-4715'.

Tubing and Packer Detail:
none.



KB:	4018'
DF:	4017'
GL:	4009'
Ini. Spud:	08/19/47
Ini. Comp.:	09/21/47

Perf. and Stimulation History:
WVU #15
9/21/47 Initial completion: OH 4274-4715' natural Max. press.=40#. GOR=434. Gravity=493. API=60 degrees. Test: 141 BO. 12 hrs. flowing.
12/9/56 Acidize OH 4206-4715' w/500 gals 5% acid & 55 gals Che-plex.
12/17/59 **Frac.** OH 4274-4715' w/9,500 gals lease oil, 18,000# sand w/1-10# Adomite per gallon. Sand screened out after pumping 5 bbls flush oil.. Max. press.=3400#. Air=20 bpm. 30 minutes=1500#.
8/30/06 Set CIBP @ 4314'. Test csg. to 580 psi for 30 minutes. **Well TA'D.**