

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

Form C-103
Revised July 18, 2013

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. 30-025-24331
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other INJECTOR <input checked="" type="checkbox"/>		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 VACUUM GRAYBURG S/A UNIT
4. Well Location Unit Letter: N 1310 feet from SOUTH line and 2540 feet from the WEST line Section 1 Township 18S Range 34E NMPM County LEA		8. Well Number 019
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 4323
		10. Pool name or Wildcat VACUUM ; GRAYBURG-SANANDRES

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 ☐
CLOSED-LOOP SYSTEM ☐
OTHER:

SUBSEQUENT REPORT OF:

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

OTHER: ATTEMPT TO REPAIR

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.

03/23/2016: MIRU. TIH W/PROFILE PLUG & TAG @ 4110. 460PSI TBG, 50PSI CSG. PRESS UP ON CSG TO 500P;SI.FELL 300PSI. ATTEMPT TO REL PKR.
03/24/2016: REL PKR. CUT TBG @ 4066. 1 1/2JT ABOVE PKR. 300PSI ON CSG, TBG WEN ON VAC.FLOWBACK CSG.LD TEST PKR. LEAK WAS NOT ABOVE 25". REM TBG FROM RACKS. TIH W/RBP & SET @ 1221.
03/25/2016: LATCH ONTO RBP. REL RBP. NO PRESS. TIH W/2 3/8" TBG. SET RBP @ 4010. SET PKR @ 3982.UNSET PKR. SET PKR @ 1964. TEST CSG 1964-4010.TEST TO 500PSI FOR 5 MINS.REL PKR.SET PKR @ 406, 859,663,728,797,761. LEAK INTERVAL 728-761. INJ RATE @ 1 BPM @ 300PSI. LDPKR. TIH TO 4000'. DUMP 15' SAND. EOT-3215.
03/29/2016: TEST LINES TO 1500PSI. GOOD. BROKE CIRC W/15BBLs FW. PMP 20 BBLs @ 2 BPM @ 100-250PSI. MIX & PUMP 360 SX CL C W/2% CACL 14.8 PPG @ 2 BPM @ 150-250PSI. FULL RTRNS FROM CELLAR BUT NOT THE SURF CSG VALVE. RECVD 15BBLs CMT TO SURF.
03/30/2016: SET PKR @ 25'. TEST ANNULAR 300/550. REL PKR & LD. TAG CMT @ 580./ DRILL CMT 580-608.
03/31/2016: DRILL 608-795. FELL OUT.
04/01/2016: TAG RBP @ 3995. 8 POSSIBLE HOLES/COLLAPSING CSG & SOME PITTING. NO CMT 1070-1900, 3420-3510.
04/02/2016: SET PKR @ 758,768,791,824,2382,1603,1214,954,889,856,824.NEW LEAK 824-856.SET RBP @ 987.SET PKR @ 856. SET PKR @ 824. REL PKR. (CONTINUED ON NEXT PAGE)

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 06/08/2016

Type or print name DENISE PINKERTON
For State Use Only

E-mail address: leakejd@chevron.com

PHONE: 432-687-7375

APPROVED BY:

Conditions of Approval (if any):

Accepted for Record Only

DATE

MSB 6/8/2016

MB

04/04/2016: TAG SAND @ 3998. WASH 3998-4010. SPOT 45 BBLS 14.5PPG CACL MUD. REL RBP. TAG FISH @ 4051. TIH W/CIBP & SET PLUG @ 4020.

04/05/2016: SET PKR @ 4010. TEST CIP TO 550 FOR 5 MINS. LD PKR. TAG BAD CSG @ 3130. ATTEMPT TO WORK THRU BAD PIPE. UNSUCCESSFUL. TAG CIBP @ 4020.

04/06/2016: DUMP BAIL 39' CMT ON TOP OF CIBP. TOC @ 3981. TIH W/RBP & SET @ 530. LD ALL WS. RIG DOWN. PLANS ARE TO P&A.



Summary Report

Major Rig Work Over (MRWO)
Casing Repair
Job Start Date: 3/23/2016
Job End Date: 4/11/2016

Well Name VACUUM GRAYBURG SAN ANDRES UNIT 019	Lease Vacuum Grayburg San Andres Unit	Field Name Vacuum	Business Unit Mid-Continent
Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation	Mud Line Elevation (ft) Water Depth (ft)

Report Start Date: 3/23/2016

Com

MIRU ARCHER SLICKLINE. WELL HAD 500 PSI. BLEW DOWN. TEST LUBRICATOR TO 250/1000 PSI. RIH W/ 1.50" PROFILE PLUG AND TAGGED @ 4110', COULD NOT GET TO SET. TRIED RIH WITH 1.43" PROFILE PLUG AND COULD NOT GET TO SET. RDMO SLICKLINE
JSA TGSM WITH WORK TEAM, DISCUSSED DAYS OPERATIONS, SWA, SWP, TENET AND HAZARD WHEEL 3-MECHANICAL.
MIRU KEY 336. SPOT IN RIG. RAISE DERRICK. CHECK PRESSURE ON WELL: 460 PSI ON TUBING, 50 PSI ON CASING.
PRESSURED UP ON CASING TO 500 PSI. PRESSURE FELL 300 PSI IN 10 SECS. TOOK 1 BBL TO CATCH PRESSURE AND START PUMPING INTO CASING
BULLHEAD 15 BBL'S OF 10 PPG BRINE DOWN TUBING @ 1.6 BPM. PRESSURE STABILIZED @ 300 PSI AFTER SHUT DOWN. PUMPED 30 BBL'S OF 10 PPG BRINE, PRESSURE STABILIZED @ 250. PUMPED 50 BBL'S OF 10 PPG BRINE, PRESSURE STABILIZED @ 250.
PUMPED 5.5 BBL'S OF 14.5 PPG MUD AND 1.5 BBL SPACER OF 10 PPG BRINE. TUBING WENT ON VACUUM.
MONITORED WELL/FLOW CHECK
N/D LARKIN WELLHEAD. INSTALL ADAPTER FLANGE.
N/U 5K BOP.
ATTEMPTED TO RELEASE ON/OFF TOOL. NO ON/OFF TOOL WAS PRESENT ACCORDING TO PACKER HAND. ATTEMPTED TO RELEASE PACKER, COULD NOT GET IT TO RELEASE AFTER WORKING IT. CONSULTED WITH SUPERINTENDENT AND GOT APPROVAL TO SHUT DOWN FOR NIGHT.
DEBRIEF WITH CREW. DISCUSSED POA FOR TOMORROW.
CREW TRAVEL TO HOBBS
NO ACTIVITY AT WELLSITE.

Report Start Date: 3/24/2016

Com

NO OPERATIONS TAKING PLACE ON LOCATION AT THIS TIME.
CREW TRAVEL TO LOCATION.
JSA TGSM WITH WORK TEAM, DISCUSSED DAYS OPERATIONS, SWA, SWP, TENET AND HAZARD WHEEL #4,
PERFORMED RIG WALK AROUND. SET COFO / CALIPER 2-3/8" TBG ELEVATORS / CHECKED PRESSURE ON WELL: NO PRESSURE.
R/U POWER SWIVEL
TORQUE UP WITH POWER SWIVEL AND RELEASE PACKER. ALSO TRIED TO STING OUT OF THE PACKER WITH NO SUCCESS. CONSULTED WITH W.E. AND DECISION WAS MADE TO CUT TUBING.
R/D POWER SWIVEL
WEEKLY WELLSAFE DRILL REQUIREMENT.
(HOLE MONITORING, SHUT IN WHILE TRIPPING)
MIRU ARCHER WIRELINE. PJSM WITH ARCHER.
INSTALL LUBRICATOR AND TEST. 250/1000 PSI.
RIH AND CUT TUBING @ 4066'. 1-1/2 JOINT ABOVE PACKER. POOH. RDMO WIRELINE. AFTER CUT SAW 300 PSI ON CASING AND TUBING WENT ON VACUUM.
AFTER TUBING CUT, STARTED POOH, NOTICED WATER COMING FROM GROUND AROUND THE WELLHEAD. FLOWED BACK CASING.
PUMPED 40 BBL'S OF 14.5 PPG MUD TO KILL WELL.
MONITOR/FLOW CHECK
L/D 2 JOINTS, P/U TEST PACKER AND RIH. TEST PIPE RAMS TO 250/550 HIGH-GOOD TEST. L/D TEST PACKER. (VERIFIED LEAK WAS NOT ABOVE 25 FT)
POOH AND L/D 124 JOINTS OF 2-3/8" TUBING.
REMOVE TUBING FROM RACKS. OFFLOAD WS AND TALLY
P/U RBP AND PACKER TANDEM. RIH WITH 37 JOINTS OF 2-3/8" WS. SET RBP @ 1221'. L/D 1 JOINT.
LOAD HOLE: ~4 BBL'S. TEST RBP: TRIED TO PRESSURE UP, BUT STARTED SEEING FLUID COMING OUT OF GROUND AROUND WELLHEAD. SWFN
DEBRIEF WITH CREW. DISCUSSED POA FOR TOMORROW.
CREW TRAVEL TO HOBBS
NO ACTIVITY AT WELLSITE.

Report Start Date: 3/25/2016

Com

NO OPERATIONS TAKING PLACE ON LOCATION AT THIS TIME.
CREW TRAVEL TO LOCATION.
JSA TGSM WITH WORK TEAM, DISCUSSED DAYS OPERATIONS, SWA, SWP, TENET AND HAZARD WHEEL #5,
PERFORMED RIG WALK AROUND. SET COFO / CALIPER 2-3/8" TBG ELEVATORS / CHECKED PRESSURE ON WELL: NO PRESSURE.
P/U 1 JOINT, RIH AND LATCH ON TO RBP. RELEASE RBP. DID NOT SEE ANY PRESSURE.
RIH WITH 65 JOINTS OF 2-3/8" TUBING
RIG HAD OIL LEAK. AND NEEDED PART FOR REPAIR BEFORE THEY COULD CONTINUE.
RIH WITH 21 JOINTS OF 2-3/8" WS AND SET RBP @ 4010'. L/D 1 JOINT.
SET PACKER @ 3982'. TEST RBP TO 500 PSI FOR 5 MIN-GOOD. UNSET PACKER.
POOH AND RACK 31 STANDS
SET PACKER @ 1,964'. TEST CASING FROM 1,964' TO 4,010', TESTED TO 500 FOR 5 MIN-GOOD TEST. RELEASE PACKER
POOH AND STAND BACK 30 STANDS. L/D COMPRESSION PACKER. P/U TENSION PACKER.



Summary Report

Major Rig Work Over (MRWO)
Casing Repair
Job Start Date: 3/23/2016
Job End Date: 4/11/2016

Well Name VACUUM GRAYBURG SAN ANDRES UNIT 019	Lease Vacuum Grayburg San Andres Unit	Field Name Vacuum	Business Unit Mid-Continent
Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation	Mud Line Elevation (ft) Water Depth (ft)

Com	
T/H WITH 6 STANDS AND SET PACKER @ 406'. TEST CASING BELOW-LEAK, CLOSE RAMS AND TEST TO SURFACE-GOOD	
R/H WITH 7 STANDS SET PACKER @ 859'. TEST CASING: BELOW-GOOD.	
PULL 3 STANDS SET PACKER @ 663'. TEST CASING BELOW-LEAK/ABOVE-GOOD	
R/H 1 STAND SET PACKER @ 728' TEST CASING BELOW-LEAK/ABOVE GOOD.	
R/H 1 STAND SET PACKER @ 797' TEST CASING BELOW-GOOD	
L/D 1 JOINT SET PACKER @ 761' TEST CASING BELOW-GOOD.	
LEAK INTERVAL=728' TO 761'	
GOT INJECTION RATE @ 1 BPM @ 300 PSI.	
POOHAND L/D PACKER.	
R/H TO WITH 123 JOINTS TO 4000'	
DISPLACE MUD/WATER ~60 BBLs. DUMP 15' OF SAND	
POOHAND RACK BACK 12 STANDS. EOT=3215'. SWFN	
DEBRIEF WITH CREW. DISCUSSED POA FOR TUESDAY.	
CREW TRAVEL TO HOBBS	
NO ACTIVITY AT WELLSITE.	
Report Start Date: 3/26/2016	
Com	
CREW DAY OFF NO OPERATIONS AT WELLSITE	
Report Start Date: 3/27/2016	
Com	
CREW DAY OFF NO OPERATIONS AT WELLSITE	
Report Start Date: 3/28/2016	
Com	
CREW DAY OFF NO OPERATIONS AT WELLSITE	
Report Start Date: 3/29/2016	
Com	
No ops @ well	
Crew Travel	
Safety Meeting	
TP & CP - 0 psi	
TOH w/ retrieving head	
RU Basic Cement	
Test lines to 1500 psi(Good)	
Broke circulation (returns coming out of the cellar) w/ 15 bbls FW @ 3 BPM @ 500 psi	
Pump additional 20 bbls @ 2 BPM @ 100-250 psi to try to get it to circulate through the surface casing valve with no luck.	
Mix and pump 360 sxs(82 bbls) Class C w/ 2% CaCl 14.8 PPG @ 2 BPM @ 150-250 psi w/ full returns from the cellar but not the surface casing valve.	
Flush casing w/ 10 bbls FW @ 1.5 BPM @ 300 psi. TOC should be 617 by calc	
Recovered 15 bbls cmt to surface.	
RD Basic cmt & RD Rig floor	
NU Annular	
RU Rig floor	
Crew Travel	
WOC	
No ops @ well	
Report Start Date: 3/30/2016	
Com	
No ops @ well	
Crew Travel	
Safety Meeting	



Summary Report

Major Rig Work Over (MRWO)

Casing Repair

Job Start Date: 3/23/2016

Job End Date: 4/11/2016

Well Name VACUUM GRAYBURG SAN ANDRES UNIT 019	Lease Vacuum Grayburg San Andres Unit	Field Name Vacuum	Business Unit Mid-Continent
Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation	Mud Line Elevation (ft) Water Depth (ft)

Com
CP - 0 psi
Set pkr @ ~25 ft
Test Annular to 300/550(Both good for 5 mins)
Release pkr & LD
TIH w/ 3 3/4" Chomp bit, bit sub, 6 - 3 1/8" DC, XO on 2 3/8" L-80 WS and tag cmt @ 580
Change elevators, PU PS, NU Stripper
Drill green cement from 580-608. We could sit down 3-4 pts, but it would drill off in a few seconds and cement in returns was solid but still soft.
C&C 20 bbls Brine, PU 1 jt, Apply 200 psi to the backside.
SI & Secure well, SDFN
Crew Travel
WOC
No ops @ well
Report Start Date: 3/31/2016
Com
No ops @ well
Crew Travel
Safety Meeting
TP - 200 psi
CP - 200 psi
Surface - 0 psi
Drill from 608-795 and fell out.
Pumping 2.5 BPM brine @ 450 psi conventional w/ full returns. Surface casing valve was open all day while we were drilling and it did not communicate to the cellar or the surface casing valve.
Cont TIH w/ 5 jts to 964 and did not tag any stringers
Circulate 25 bbls clean brine all the way around.
Pressure up to 550 psi and it bled down to 0 psi within 1 minute.
Did not communicate to the Surface casing.
LD PS
LD 11 jts, Stand back remaining tubing and DC, LD bit & bit sub.
Bit packed with hard cement between ports, all teeth intact with no chips or wear.
SI & Secure well.
Crew travel
No ops @ well
Report Start Date: 4/1/2016
Com
No ops @ well
Crew Travel
Safety Meeting
CP 0 psi, Surface casing - on vacuum. RU Apollo WL, Test lubricator to 250/1000(Good)
RIH w/ 3.62 gauge ring & tag RBP @ 3995. RIH w/ casing inspection tool. Found 8 possible holes/collapsing casing, and some pitting on 5 joints.
CBL- Spotty cement from surface to 1070', no cement from 1070- 1900, Spotty cement from 1900-2530, Good cmt from 2530-3420, No cement from 3420-3510, good cement from 3510 to 4000
RD Apollo, SI & Secure well, SDFN
Crew Travel
No ops @ well
Report Start Date: 4/2/2016
Com
No ops @ well
Crew Travel
Safety Meeting



Summary Report

Major Rig Work Over (MRWO)

Casing Repair

Job Start Date: 3/23/2016

Job End Date: 4/11/2016

Well Name VACUUM GRAYBURG SAN ANDRES UNIT 019	Lease Vacuum Grayburg San Andres Unit	Field Name Vacuum	Business Unit Mid-Continent
Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation	Mud Line Elevation (ft) Water Depth (ft)

Com

TP-0psi, CP-0psi, Surface-0psi. TIH w/ 4 1/2" pkr & set @ 758. Test 0-758(Good), Test 758-4010(Failed). TIH & set pkr @ 768, test 768-4010(Failed). Set pkr @ 791, test 0-791(Good), test 791-4010(failed). Set pkr @ 824, test 824-4010(Failed). TIH w/ 26 stds, set pkr @ 2382, test 0-2382(failed). Pull 24 jts, set pkr @ 1603, test 0-1603(Failed). Pull 12 jts, set pkr @ 1214, test 0-1214(Failed). Pull 8 jts, set pkr @ 954, test 0-954(Failed). Pulled 2 jts, set pkr @ 889, test 0-889(Failed). LD 1 jt, set pkr @ 856, test 0-856(Failed), test 856-4010(Held 520 for 5 mins). LD 1 jt, set pkr @ 824, test 824-4010(Failed), test 0-824(held 520 psi for 30 mins charted)
-Squeeze from 728-761 held 520psi for 30 mins on a chart.
-There is a new leak from 824-856. We could not get a rate into this leak at 500 psi

TOH w/ pkr

TIH w/ RBP & set @ 987

TOH w/ retrieving head

TIH w/ pkr & set @ 856

Test RBP to 950 psi(Good). LD 1 jt, set pkr @ 824. Apply 300 psi to backside(0'-824') to monitor, and attempt to get injection rate through leak(824'-856'). Pressured up to 1000 psi in 0.25bbls but was not able to get a rate.

Lunch

Release pkr, TOH & LD same

TIH w/ retrieving head to 987, latch onto RBP, & Release

TOH w/ RBP & LD

TIH w/ retrieving head w /59 stds. SI & secure well, SDFN

Crew Travel

No ops @ well

Report Start Date: 4/3/2016

Com

No ops @ well

Report Start Date: 4/4/2016

Com

No ops @ well

Crew Travel

Safety Meeting

Wait on orders

TP- 0 psi

CP - 0 psi

NU Stripper, Tag sand @ 3998, wash sand from 3998-4010 & circulate clean

Spot 45 bbls 14.5PPG CaCl mud w/ 4 bbls Brine flush. Shut down pump and open well to tank to equalize.

Release RBP, Tubing and casing went on slight vacuum

Load PS on trailer, ND Stripper, monitor well. Well was static.

TOH w/ RBP & LD

Lunch

Wait on wireline

RU Apollo WL & Test Lubricator to 250/1100(Good)

RIH w/ 3.60 gauge ring/junk basket & tag fish @ 4051.

RIH w/ 3.50" OD CIBP & Baker 10 setting tool & set plug @ 4020. PU & tag CIBP w/ WL. POOH & LD Setting tool

RD WL

SI & Secure well, SDFN

Crew Travel

No ops @ well

Report Start Date: 4/5/2016

Com

No ops @ well

Crew Travel

Safety Meeting

TP & CP - 0 psi

LD 6 DC

Wait on packer hand

TIH w/ pkr & 61 stds WS

circulate out mud w/ 70 bbls pkr fluid

Set pkr @ 4010

Test CIBP to 550 for 5 mins(Good)

Release pkr



Summary Report

Major Rig Work Over (MRWO)
Casing Repair
Job Start Date: 3/23/2016
Job End Date: 4/11/2016

Well Name VACUUM GRAYBURG SAN ANDRES UNIT 019	Lease Vacuum Grayburg San Andres Unit	Field Name Vacuum	Business Unit Mid-Continent
Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation	Mud Line Elevation (ft) Water Depth (ft)

Com
Stand back 8 stds & LD 106 jts WS, LD pkr
RU Apollo WL.
Test lubricator to 300/950(Good)
RIH w/ 30' long 3" OD dump bailer w/ cmt & tag bad casing @ 3130.(Casing inspection log shows "warped casing" through this interval.)
POOH w/ dump bailer and check glass burst disk, disk was intact and cement still in bailer.
RIH w/ same BHA, 3" OD 30ft long dump bailer w/ cmt & tag @ 3130 again. Attempt to work through bad pipe but was unsuccessful, POOH w/ 30 ft bailer.
RIH w/ 3" 20' bailer with no cement & tag @ 3130. Attempt to work through bad pipe with no success. POOH & LD dump bailer.
RIH w/ 3 1/8" OD CCL & dummy sub(4' long tool string) & tag CIBP@ 4020 and did not see any tight spots. POOH & LD CCL.
SI & Secure well, SDFN
Crew Travel
No ops @ well
Report Start Date: 4/6/2016
Com
No ops @ well
Crew Travel
Safety Meeting
CP - 0 psi
PU 2" X 30' dump bailer & dump bail 39 ft of cmt on top of CIBP. Did not tag any bad spots in casing. Estimated TOC is 3981
RD Apollo
TIH w/ RBP & set @ 530, test RBP to 500 psi for 5 mins(Good)
TOH LD all WS
RD Floor
ND BOP
NU B-1 flange & tapped bull plug w/ needle valve
RD Key 336
SI & secure well, SDFN
Crew Travel
No ops @ well
Report Start Date: 4/7/2016
Com
No ops @ well
Report Start Date: 4/8/2016
Com
No ops @ well
Report Start Date: 4/9/2016
Com
No ops @ well
Report Start Date: 4/10/2016
Com
No ops @ well