

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

Form C-103
Revised July 18, 2013

HOBBS OGD
MAR 10 2014

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

SUNDRY NOTICES/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. 30-025-32450
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input 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 GLORIETA WEST UNIT
4. Well Location Unit Letter: I 1650 feet from SOUTH line and 330 feet from the EAST line Section 36 Township 17S Range 34E NMPM County LEA		8. Well Number 189
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 4323
		10. Pool name or Wildcat VACUUM ; GLORIETA

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: ADD PERFS, ACIDIZE, & RTP

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.

PLEASE FIND ATTACHED, REPORTS FOR WORK DONE FROM 01/03/2014 THROUGH 01/15/2014 ON THE SUBJECT WELL.

2-27-14: Inferred Well test, 1 Oil, 46 hrs (Bottled test)
no way to measure gas volume
*** facility issues

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 03/05/2014

Type or print name DENISE PINKERTON

E-mail address: leakejd@chevron.com

PHONE: 432-687-7375

For State Use Only

APPROVED BY:

Accepted for Record Only

TITLE

DATE

MAR 13 2014

Conditions of Approval (if any):

Accepted for Record Only

MAR 13 2014



Summary Report

Major Rig Work Over (MRWO)

Stimulation

Job Start Date: 1/3/2014

Job End Date: 1/15/2014

Well Name	VACUUM GLORIETA WEST UNIT 189	Lease	Vacuum Glorieta West Unit	Field Name	Vacuum	Business Unit	Mid-Continent
Ground Elevation (ft)	3,986.00	Original RKB (ft)	3,998.00	Current RKB Elevation		Mud Line Elevation (ft)	Water Depth (ft)

Report Start Date: 1/3/2014

Com

NO ACTIVITY

CREW TRAVEL

SAFETY STDDOWN, DISCUSSED SAFETY DRILLS DRILLS, RIG INSPECTION, RIG MOVE CHECKLIST

TRAVEL TO VGWU #289

JSA, PTW, LOTO, MIRU PULLING UNIT, REV UNIT, LAY DOWN MACHINE, PIPE RACKS,

UNSEATED PUMP, WELL HAD PARAFFIN. HWP, PTW WERE DONE. HOT WATERED W/ 75 BBLs WATER, W/ 10 GALLONS OF PARAFFIN DISPERSANT AND 10 GALLONS OF SOAP..

ROH WITH 73 - 7/8" RODS, 160 3/4" , 8 - 1 1/2" KBARS, AND 1 - 24' INSERT PUMP. FOUND ROD WEAR ON BODY OF RODS FROM SURFACE TO AROUND 1800'. FROM 2500' TO 5000' T-COUPLES WERE PITTED SEVERELY. SECURED WELL, SDFD

CREW TRAVEL

NO ACTIVITY

Report Start Date: 1/4/2014

Com

NO ACTIVITY

CREW TRAVEL

JSA, TGSM. DISCUSSED HAZARDS OF NDWH & NUBOP. TENET #4 WAS DISCUSSED

BLD WELL DOWN. TBG "0" PSI, CASING 500 PSI. CIRC. 160 BBLs BRINE WATER

CALLIPERED 2 7/8" TBG ELEVATORS. NDWH, RELEASE TAC

NUBOP, PREP FLOOR & EQUIPMENT TO PULL TBG.

WEIGHT INDICATORS NOT SHOWING RIGHT WEIGHT. WAIT ON LINE WEIGHT INDICATOR TO BE BROUGHT OUT AND INSTALLED.

PU AND LD 1 JT. PU 5.5' PKR AND SET, TEST PIPE RAMS 500 HIGH/250 LOW. TESTED GOOD. RELEASED PKR, AND LD.

PU 2 JTS, WENT DOWN TO TAG. STARTED DRAGGING AND LOSING WEIGHT. COULD BE SCALE. IF TAC DRAGGING, COULD HAVE SCALE @ 5825.. CALLED REMEDIAL ENGINEER TO LET HIM KNOW. AGREED TO MAKE BIT RUN BEFORE RUNNING PERFORATING TOOLS. TOH AS FOLLOWS: 185 JTS 2 7/8" J-55, TAC, 8 JTS 2 7/8" J-55, C/O, 3.5" IPC JT, C/O, SN, 4' X 2 7/8" PERF. SUB, 1 - 3.5 X 22' MUD JT. W/ 2 7/8" PURGE VALVE.

PU 5.5" PKR ON 1 JT OF 2 7/8" TBG, SET AND RELEASED FROM PKR. SHUT BLIND RAMS, TESTED 500 HIGH/250 LOW. TESTED GOOD. POH W/ JT & PKR.

TIH W/ 30 STDs, SECURED WELL. SDFD.

CREW TRAVEL

NO ACTIVITY

Report Start Date: 1/5/2014

Com

NO ACTIVITY

Report Start Date: 1/6/2014

Com

NO ACTIVITY

CREW TRAVEL

JSA, TENET #6 WAS DISCUSSED.

COULD NOT GET PULLING UNIT MOTOR TO RUN OR GET WELLVIEW TO WORK. HAD MECHANIC COME OUT. CALLIPERED 2 7/8" ELEVATORS

TIH W/ 196 JTS. TAGGED SOLID @ 6133'.

TOH W/ 196 JTS LAYED DOWN. SDFD. SECURED WELL. PREP TO PERFORATE BOTTOM PERFS.

CREW TRAVEL

NO ACTIVITY

Report Start Date: 1/7/2014

Com

NO ACTIVITY

CREW TRAVEL

SM & JSA REVIEW

RIG SERVICE

WAIT ON PERF TRUCK

SPOT & RU WL LUB & PERF GUNS

TST LUB 5 MIN 250, 5 MIN 1000 PSI

RIH W/ PERF GUNS TAGGED @ 6260'

SHOT PERFS W/ 3-1/8 GUNS @ 6081' - 6085', 6096' - 6100', 6106' - 6110'

POOH W/ PERF GUNS & LD

RACK BACK LUB ON GROUND & SECURED TO RIG FLOOR



Summary Report

Major Rig Work Over (MRWO)

Stimulation

Job Start Date: 1/3/2014

Job End Date: 1/15/2014

Well Name VACUUM GLORIETA WEST UNIT 189		Lease Vacuum Glorieta West Unit	Field Name Vacuum	Business Unit Mid-Continent	
Ground Elevation (ft) 3,986.00	Original RKB (ft) 3,998.00	Current RKB Elevation		Mud Line Elevation (ft)	Water Depth (ft)

Com

POUR SAND DOWN WELL BORE, WHILE CIRC .25 BPM BW, TOTAL 73 SXS OF 12/40 SAND, SHOULD HAVE TOP OF SAND @ 6000', WILL ALLOW SAND TO SETTLE OVERNIGHT, SECURE WELL SDFN

CREW TRAVEL

NO OPERATIONS

Report Start Date: 1/8/2014

Com

NO OPERATIONS

CREW TRAVEL

SM & JSA REVIEW

RE-HEAD ON WIRELINE

RU & TST LUB 250 PSI 5 MIN, 1000 PSI 5 MIN

PU & RIH W/ WEIGHT BAR, 4.625 GR & CCL, TAGGED @ 6000', WL WOULD NOT POOH

WORKED CABLE UP TO 66% SWL & DOWN FOR 30 MINS W/ NO MOVEMENT, START LOADING HOLE AND PRESSURING UP TO 800 PSI AND SURGING W/ THE PRESS, CONT WORKING CBL, BEGAN TO MOVE 2-8' EACH TIME, GOT UP TO 5940-50' AND THE TOOLS BEGAN TO MOVE UP THE HOLE

POOH & LD GR, AFTER VISUAL NOTICED SAND IN JUNK BASKET AND IN THE WL HEAD

RE-HEAD ROPE SOCKET

WELL WAS FULL, RU & RIH W/ 1ST STIM GUN & FIRED GUN @ 5927' - 5942'

POOH & LD STIM GUNS

RU & RIH W/ 2ND STIM GUN & FIRED GUN @ 5893' - 5908'

POOH & LD STIM GUNS, 1.5' PIECE OF GUN BROKE OFF IN WELL

RD WIRELINE EQ

RU RIG FLOOR TO RUN PROD TBG

PU & TIH W/ 4-3/4 MTB ON 2-7/8 PROD TBG TO 5406', SECURE WELL & SDFN

CREW TRAVEL

NO OPERATIONS

Report Start Date: 1/9/2014

Com

NO OPERATIONS

CREW TRAVEL

SM & JSA REVIEW, CHECKED CREWS BOOTS FOR RECALL, ALL WITHIN COMPLIANCE

TIH W/ 4-3/4" MTB, 2-7/8 J55 PROD TUB FROM 5406' TO TAG UP @ 6000'

RU POWER SWIVEL

CLEAN OUT FROM 6000' TO 6190', CIRC 15 MINS PER CONNECTION, PARAFFIN PRESENT IN THE RETURNS

CC HOLE CLEAN

RD POWER SWIVEL

TOH AND RACK BACK 12 STANDS 2-7/8 PROD TUB, MTB @ 5406'

CC HOLE CLEAN, SECURE WELL SDFN

CREW TRAVEL

NO OPERATIONS

Report Start Date: 1/10/2014

Com

WELL SHUT-IN NO OPERATIONS

CREW TRAVEL TO LOCATION

JSA REVIEW

360 DISCOURSED

IFO DISCOURSED

ECOLOR:R/Y

HAZARD OF THE DAY: SOUND/WIND/PRESSURE

HSE FOCUS OF THE MONTH: HAZARD AND SAFETY AWARENESS

TENET OF THE DAY: # 10

TRIPPING PIPE, AND HYDROTESTING

INSPECT ELEVATORS AND LIFTING DEVICES AND LOG

OPEN VALVS, GAUGES, RAMS

SITP: 0 PSI

SICP: 0 PSI

TIH WITH TBG AND TAG @ 6180'

.....NOTE..... 10' OF FILL FROM PREVIOUS DEPTH 6190'.....

RIG-UP POWER SWIVEL



Summary Report

Major Rig Work Over (MRWO)

Stimulation

Job Start Date: 1/3/2014

Job End Date: 1/15/2014

Well Name VACUUM GLORIETA WEST UNIT 189		Lease Vacuum Glorieta West Unit	Field Name Vacuum	Business Unit Mid-Continent	
Ground Elevation (ft) 3,986.00	Original RKB (ft) 3,998.00	Current RKB Elevation		Mud Line Elevation (ft)	Water Depth (ft)

Com

CLEAN OUT FROM 6180' TO 6291', CIRCULATE 15 - 20 MINS PER CONNECTION, PARAFFIN PRESENT IN THE RETURNS.

CIRCULATE 2 COMPLETE HOLE VOLUME UNTIL HOLE CLEAN

TOH AND LAY-DOWN 14 JOINTS ON THE RACK
CONTINUE TO TOH AND STAND TBG ON DERRICK

STOP OPERATION TO REVIEW SAFETY HAZARD " WIND"
WIND WAS BLOWING ABOUT 20-30 MILES PER HOUR, STOP ALL OPERATIONS TO REVIEW SAFETY CONCERN REGARDING TRIPPING PIPE IN A WINDY CONDITION.
MAKE SURE THE CREW AND EVERYONE ON LOCATION IS AWARE OF WHAT TO DO IF THE WIND SPEED INCREASE, ALSO STAND-UP FOR 15 MINUTES TO MONITOR WIND SPEED BEFORE CONTINUE.

TOH AND STAND TBG ON DERRICK

RIG-UP HYDROTEST
TIH WITH TBG AND 10K ARO SET PKR (5-1/2 BY 2-7/8)
HYDROTEST EVERY STAND TO 6000 PSI
SET PKR AT 5836' ABOUT 54' ABOVE TOP PERF
LOAD BACKSIDE AND TEST PKR TO 250/500 PSI
PKR TEST GOOD, EACH PRESSURE HELD FOR 15 MINUTES. SECURE WELL SDFN

CREW TRAVEL OFF LOCATION

WELL SHUT-IN NO OPERATIONS

Report Start Date: 1/11/2014

Com

NO OPERATIONS

CREW TRAVEL

SM & JSA REVIEW

SPOT & RU ACID EQUIPMENT

PJSM

TESTED ACID LINES TO 7000 PSI FOR 5 MIN, TST GOOD, SET POP OFF @ 5800 PSI, LOAD 300 PSI ON BACKSIDE

TESTED LINES TO 7000 PSI, SET POP OFF @ 5800 PSI, BEGIN PUMPING ESTABLISH RATE @ 3.2 BPM CAUGHT PRESS AFTER 15.4 BBLS NEVER SEEN A BREAKDOWN PRESS AT 3052 PSI AND SWITCHED OVER TO ACID

1 ST STAGE: 51.3 BBLS OF 15% ACID & 10% PETROL, 6.4 BPM @ 3052 PSI, W/ 1000 LBS OF GRS, BLOCK ON FORMATION INC TO 3120 PSI

2ND STAGE: 51.4 BBLS OF 15% ACID & 10% PETROL, 6.5 BPM @ 3232 PSI, W/ 2000 LBS OF GRS, BLOCK ON FORMATION INC TO 3369 PSI

3RD STAGE: 50.9 BBLS OF 15% ACID & 10% PETROL, 6.5 BPM @ 3248 PSI W/ 3000 LBS OF GRS, BLOCK ON FORMATION INC TO 3900 PSI

4TH STAGE: 58.5 BBLS OF 15% ACID & 10% PETROL, 6.4 BPM @ 3454 PSI

FLUSHED W/ 100 BBLS OF FW

ISIP 2294 PSI, 5 MIN - 1982 PSI, 10 - MIN - 1853 PSI, 15 MIN 1767 PSI. MAX PSI 3900, AVG PRESS 3100 PSI, MAX RATE FOR TREATING FLUID 6.5 BPM, AVG RATE 6.4 BPM TOTAL LOAD TO RECOVER 505 BBLS TOTAL VOLUMES - 100 BBLS FW, 195 BBLS BW, 210 BBLS ACID BLEND, & 6000 LBS OF RS

Acid: 7,950 gal. 15% NE FE HCL

Additives: 4 gal./m I-8 Inhibitor	Total: 35 gal.
5 gal./m FEDX Iron Control	Total: 44 gal.
3 gal./m FEBX Iron Activator	Total: 26 gal.
3 gal./m FeGreen Iron Sulfide Dispersant	Total: 26 gal.

Petrol-10 880 gal.

Additives: Petro-A- Micellar with Sludging Agent	Total: 176 gal.
Solvent-P- Paraffin Control	Total 704 gal.

Gelling Agent: Petrogel-Guar Gell for Brine water
run on the fly for salt block Total: 50 lbs

Block: Graded Rock Salt: Total: 6,000 lbs

R/D ACID EQUIPMENT

SHUT IN TO ALLOW ACID TO SPEND

OPENED WELL W/ 400 PSI, PRESS BLED DOWN TO 50 PSI, AND FLOWED BACK 28 BBLS

RU SWAB EQ

SWABBED BACK 125 BBLS, LAST SWAB THE SAMPLE INDICATED PURE CRUDE FROM FLUID LEVEL 5600', SECURE WELL SDFN

CREW TRAVEL

NO OPERATIONS

Report Start Date: 1/12/2014

Com

NO OPERATIONS ON LOCATION

Report Start Date: 1/13/2014



Summary Report

Major Rig Work Over (MRWO)

Stimulation

Job Start Date: 1/3/2014

Job End Date: 1/15/2014

Well Name VACUUM GLORIETA WEST UNIT 189		Lease Vacuum Glorieta West Unit	Field Name Vacuum	Business Unit Mid-Continent	
Ground Elevation (ft) 3,986.00	Original RKB (ft) 3,998.00	Current RKB Elevation		Mud Line Elevation (ft)	Water Depth (ft)

Com

WELL SHUT IN, NO OPERATIONS

CREW TRAVEL

SM & JSA REVIEW

100 PSI ON WELL, BLEW DOWN AND WENT TO 0 PSI

PUMPED 30 BBLS OF BW DOWN TUB

CONT TO RD RIG FLOOR W/ SWAB EQ

RU RIG FLOOR TO TRIP TUBING

RELEASE TREATING PKR & TOH W/ 2-7/8 PROD TUBING AND RACK BACK & LD TREATING PKR

PU & TIH W/ 4-3/4" MTB ON 2-7/8 PROD TUB TAGGED AT 6190'

RU POWER SWIVEL

CO FROM 6190' TO 6291'

CC HOLE CLEAN

RD POWER SWIVEL

TOH W/ 4-3/4" MTB ON 2-7/8 PROD TUB RACK BACK IN DERRICK TO 2500', SECURE WELL & SDFN

CREW TRAVEL

WELL SHUT IN, NO OPERATIONS

Report Start Date: 1/14/2014

Com

WELL SI, NO OPERATIONS ON SITE

CREW TRAVEL

SM & JSA REVIEW

0 PSI ON WELL, TOH W/ 4-3/4 MTB AND 2-7/8 PROD TUB, LD MTB

PU & MU BHA, MUD ANCHOR, DESANDER, MECH SEAT NIPPLE

TIH W/ PROD EQ, TUB ANCHOR @ 5804 & MECH SN @ 6133, BULL PLUG @ 6187'

176 JTS OF TUB

4' MARKER PUP

2 JTS OF TUB

TUB ANCHOR

8 JTS OF TUB

2 ENUROALLOY JTS

MECH SN

DESANDER

MUD ANCHOR

4' SUB W/ BULL PLUG

NU WH & ROD BOP

MU ROD BOX'S

PU & RIH W/ 1.75 ROD PUMP, 4' 3/4" ROD, 8 - 1.5 SINKER BARS, 134 - 3/4" WEATHERFORD HD RODS

CREW TRAVEL

WELL SI, NO OPERATIONS

Report Start Date: 1/15/2014

Com

WELL SI, NO OPERATIONS

CREW TRAVEL

SM & JSA REVIEW

PU & RIH W/ 103 - 7/8" WEATHERFORD HD RODS, 6' - 7/8" ROD & POLISH ROD

LOAD TUBING & TST TO 500 PSI 5 MIN, BLED DOWN TO 200 PSI AND STROKED THE PUMP TO 500 PSI 5 MINS, ALL TST GOOD

RD PULLING UNIT & REV EQUIPMENT, MOVE TO VGWU 15

WELL SI, TURN OVER TO PRODUCTION OPS

FINAL REPORT