

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

HOBBS OCD

JUN 25 2013

WELL API NO.

30-025-23031

5. Indicate Type of Lease

STATE ☒FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

QUAIL QUEEN UNIT

8. Well Number 8

9. OGRID Number

4323

10. Pool name or Wildcat

SWD; Queen

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.)

1. Type of Well: Oil Well ☐ Gas Well ☐ Other Injection Well2. Name of Operator
CHEVRON U S A , INC3. Address of Operator
15 SMITH ROAD
MIDLAND, TX 79705

4. Well Location

Unit Letter K : 2080' feet from the South line and 1980' feet from the West lineSection 11 Township 19S Range 34E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

3976' GR

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: ☐OTHER: Replace Packer & Tubing, MIT ☒

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 work performed in order to bring this well back to beneficial status. Attached is the current well bore diagram, and copy of MIT chart. Original chart delivered to NMOCD office in Hobbs.

06/03/2013:

WRITE AND REVIEW RIG MOVE CHECKLIST, ROAD RIG FROM BOYCE TO QUAIL QUEEN 8, WRITE AND REVIEW, PTW, MI SPOT AND RU WSU AND REST OF SURFACE EQUIPMENT, SDON.

06/04/2013:

RIG UP PRO WIRE LINE, RUN 1.8 GAGE RING, TAG AT 5104', RUN 1.845 GAGE RING, TAG AT 5104', TBG 390 PSI, CSG 120PSI, BLEED TBG AND CSG PRES, PUMP 110BBL BRINE DOWN TBG, KILL WELL, FUNCTION TEST BOP, N/D WH, INSTALL 8 5/8 LARKIN X 6900 ADT FLANGE, N/U BOP, PREP TO PULL TBG, RELEASE PKR, TOH W/ 157 JTS 2 3/8 IPC = 4955.88', NOTE: LAY DOWN 13 JTS W/ VISABLE HOLES IN COLLARS, TIH W/ KILL STRING, SDO.

(CONT. PAGE 2)

Spud Date:

Rig Release Date:

R-12952

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

SIGNATURE

TITLE Regulatory Specialist II

DATE 06/24/2013

Type or print name Bryan Arrant (Agent for Chevron)

E-mail address: bryan.arrant@chk.com

PHONE: (405)935-3782

For State Use Only

APPROVED BY:

TITLE

Petroleum Engineer

DATE

JUL 24 2013

Conditions of Approval (if any):

JUL 24 2013

QUAIL QUEEN UNIT 8
UNIT KI, SEC. 11, T-19-S R-34-E
LEA CO., NM
30-025-23031

(CONT.)

06/05/2013

BLEED WELL DOWN, UNLOAD, RACK, AND STRAP WORK STRING, TIH W/ 4 3/4 BIT, 3 1/8 OD BULLDOG BAILER, PICKING UP 2 3/8 L-80 WORK STRING, TAG @ 5098' BAIL OUT TO 5137' = 39', LAY DOWN 110 JTS SDON

06/06/2013

BLEED WELL DOWN, FINISH LAY DOWN WORK STRING AND BAILER, RIG UP TESTERS, START HYDROTESTING IPC TBG IN HOLE, TBG IN VERY BAD SHAPE, RIG DOWN TESTERS, LAY DOWN OLD PROD TBG, PREP TO PICK UP NEW IPC TBG SDON

06/07/2013

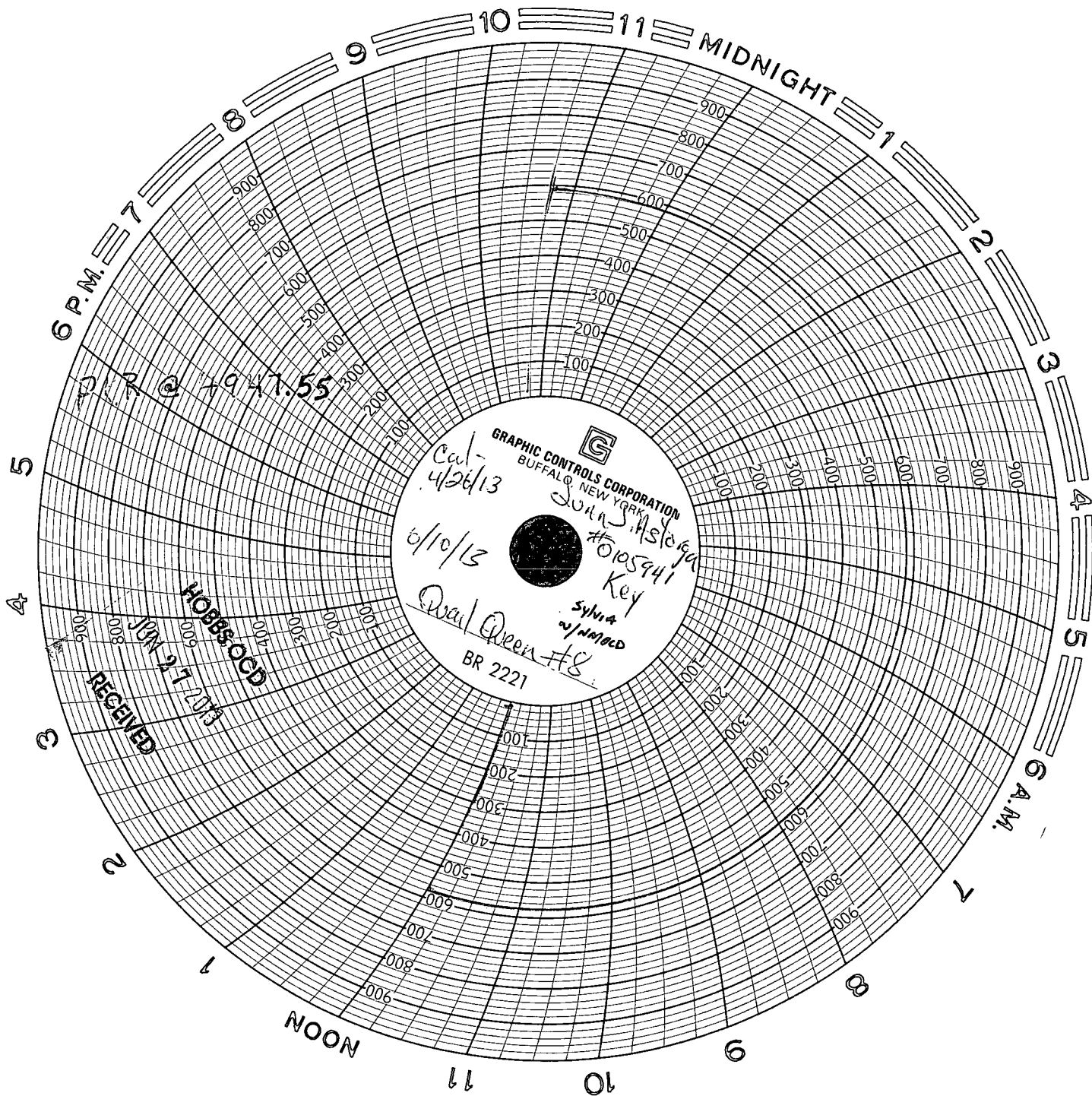
BLEED WELL DOWN TO TEST TANK, MOVE OUT OLD IPC TBG, MOVE IN AND TALLY NEW IPC TBG (2 3/8), RU TESTERS, 3 HR DELAY E-VAT BROKE DOWN SEND NEW E-VAT AND VAC TRUCK, PU NEW PKR, PU AND TEST ALL TBG IN HOLE (GOOD) SET PKR, TEST CSG TO 550 PSI (GOOD) SECURE WELL, SHUT DOWN OVER WEEKEND.

06/10/2013

LOAD TBG, RETEST CSG TO 600 PSI FOR 15 MIN, NO LEAKS, RELEASE ON/OFF TOOL, DISPLACE HOLE W/ 4% KCL PKR FLUID, LATCH ONTO PKR, NDBOP, NU B1 BONNET, BUST PUMP OUT PLUG, TEST AND CHART CSG FOR 30 MIN, NO LEAKS, NU INJECTION LINE, RD, CLEAN LOCATION

PKR @ 4947'

TOP PER @ 5028'



Current Wellbore Schematic

WELL (PN): QUAIL QUEEN UNIT 8(CVX) (891058)
 FIELD OFFICE: PRH - PERMIAN RESOURCES
 FIELD: QUAIL QUEEN
 STATE / COUNTY: NEW MEXICO / LEA
 LOCATION: SEC 11-19S-34E, 2080 FSL & 1980 FWL
 ROUTE: HOB-NM-ROUTE 11- LUIS HERNANDEZ
 ELEVATION: GL: 3,976.0 KB: 3,986.0 KB Height: 10.0
 DEPTHS: TD: 5,168.0



API #: 3002523031

Serial #:
 SPUD DATE: 3/29/1969
 RIG RELEASE: 1/5/1982
 FIRST SALES:

Original Hole, 6/23/2013 11:30:50 AM		Pumping Units									
Vertical schematic (actual): 	Vertical schematic (actual):	Zones		Type	Make	Model	SPM	SL (in)	Install Date		
	Conventional Crank		American	R8-21		80.00	9/1/1969				
	Surface Casing; Set @ 407.0 ftKB : Original Hole										
	Set Tension (kips)		Mud Weight		Cut Pull Date		Depth Cut Pull (ftKB)				
	Item Des	OD (in)	ID (in)	Drift (in)	Wt (lb/ft)	Grade	Top Thread	Top (ftKB)	Btm (ftKB)	Len (ft)	
	Casing Joints	8 5/8	7.921		32.00			10.0	406.0	396.00	
	Float Shoe	8 5/8						406.0	407.0	1.00	
	Production Casing; Set @ 5,168.0 ftKB : Original Hole										
	Set Tension (kips)		Mud Weight		Cut Pull Date		Depth Cut Pull (ftKB)				
	Item Des	OD (in)	ID (in)	Drift (in)	Wt (lb/ft)	Grade	Top Thread	Top (ftKB)	Btm (ftKB)	Len (ft)	
Casing Joints	5 1/2						10.0	5,167.0	5,157.00		
Float Shoe	5 1/2						5,167.0	5,168.0	1.00		
Description: Surface Casing Cement											
10.0-407.0											
Top of Cement (ftKB): 10.0 Top Measurement Method:											
Fluid	Pump Start Date	Amount (sacks)	Class	Dens (lb/gal)	Vol Pumped (bbl)	Yield (ft ³ /sack)					
	3/29/1969	150									
Description: Production Casing Cement											
3,300.0-5,168.0											
Top of Cement (ftKB): 3,300.0 Top Measurement Method: Temperature Log											
Fluid	Pump Start Date	Amount (sacks)	Class	Dens (lb/gal)	Vol Pumped (bbl)	Yield (ft ³ /sack)					
	4/11/1969	250									
Description: Cement Squeeze											
4,783.0-4,794.0											
Top of Cement (ftKB): 4,783.0 Top Measurement Method:											
Fluid	Pump Start Date	Amount (sacks)	Class	Dens (lb/gal)	Vol Pumped (bbl)	Yield (ft ³ /sack)					
	11/25/1981	50									
Tubing String: Tubing - Production											
Set Depth (ftKB)	Wellbore	Run Date	Pull Date	Cut Pull Date	Depth Cut Pull (ft...						
4,966.0	Original Hole	12/21/2009									
Item Des	OD (in)	ID (in)	Drift (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Jts		
Tubing	2 3/8	1.995	1.901	4.70	J-55	10.0	4,957.0	4,947.00	157		
Retrieving Head	2 3/8	1.995				4,957.0	4,958.0	1.00	1		
Profile Nipple: F	2 3/8	1.810				4,958.0	4,959.0	1.00	1		
Packer: AS-IX	2 3/8	1.995				4,959.0	4,966.0	7.00	1		
Perforations											
Date	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Current Status						
6/9/1969	QUEEN, Original Hole	4,783.0	4,794.0	2.0	Squeezed						
4/15/1969	QUEEN, Original Hole	5,028.0	5,032.0	2.0							
6/11/2009	QUEEN, Original Hole	5,028.0	5,120.0	2.0							
6/9/1969	QUEEN, Original Hole	5,033.0	5,034.0	2.0							
4/15/1969	QUEEN, Original Hole	5,083.0	5,088.0	2.0							
11/28/1981	QUEEN, Original Hole	5,114.0	5,120.0	2.0							

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FIRST SALES:

Original Hole, 6/23/2013 11:30:52 AM		Stimulations & Treatments						
Vertical schematic (actual)		Zones						
8 5/8 in; 32.00 lb/ft; 407.0 ftKB 8 5/8" Surf Csg Cmt w/ 150 sx TOC by Temp Survey Acidizing; 4,783.0- 4,794.0 ftKB; 6/10/1969 Sand Frac; 4,783.0- 4,794.0 ftKB; 6/10/1969 5 1/2" packer Sand Frac; 5,028.0- 5,032.0 ftKB; 4/17/1969 Acidizing; 5,028.0- 5,032.0 ftKB; 4/17/1969 Sand Frac; 5,028.0- 5,034.0 ftKB; 6/10/1969 Acidizing; 5,028.0- 5,034.0 ftKB; 6/10/1969 Acidizing; 5,028.0- 5,120.0 ftKB; 6/12/2009 Sand Frac; 5,028.0- 5,120.0 ftKB; 12/17/2009 Acidizing; 5,083.0- 5,088.0 ftKB; 4/17/1969 Sand Frac; 5,083.0- 5,088.0 ftKB; 4/17/1969 Sand Frac; 5,114.0- 5,120.0 ftKB; 12/2/1981 Acidizing; 5,114.0- 5,120.0 ftKB; 12/1/1981 Plug Back Total Depth; 5,137.0 ftKB 5 1/2 in; 0.00 lb/ft; 5,168.0 ftKB 5 1/2" Prod Csg Cmt w/ 250 sx		QUEEN, <Stage Number?>, Sand Frac, 12/17/2009						
		Min Top Dep...	Max Btm De...	Total Clean...	Avg Treat Pr...	Q Treat Avg...	Post ISIP (psi)	Comment
		5,028.0	5,120.0	317.00	3,675.0	13.30	3,066.0	
		Sand Size		Type	Amount		Conc (lb/gal)	
		16/30		Brown Sand	32,000.0		1.00	
		QUEEN, <Stage Number?>, Acidizing, 6/12/2009						
		Min Top Dep...	Max Btm De...	Total Clean...	Avg Treat Pr...	Q Treat Avg...	Post ISIP (psi)	Comment
		5,028.0	5,120.0	176.00	3,864.0	5.50	2,020.0	
		QUEEN, <Stage Number?>, Sand Frac, 12/2/1981						
		Min Top Dep...	Max Btm De...	Total Clean...	Avg Treat Pr...	Q Treat Avg...	Post ISIP (psi)	Comment
		5,114.0	5,120.0	488.10	3,100.0	0.29	1,890.0	
		Sand Size		Type	Amount		Conc (lb/gal)	
		10/20		Brown Sand	30,000.0			
		QUEEN, <Stage Number?>, Acidizing, 12/1/1981						
		Min Top Dep...	Max Btm De...	Total Clean...	Avg Treat Pr...	Q Treat Avg...	Post ISIP (psi)	Comment
		5,114.0	5,120.0	11.90				
		QUEEN, <Stage Number?>, Acidizing, 6/10/1969						
		Min Top Dep...	Max Btm De...	Total Clean...	Avg Treat Pr...	Q Treat Avg...	Post ISIP (psi)	Comment
		4,783.0	4,794.0	11.90				
		QUEEN, <Stage Number?>, Sand Frac, 6/10/1969						
		Min Top Dep...	Max Btm De...	Total Clean...	Avg Treat Pr...	Q Treat Avg...	Post ISIP (psi)	Comment
		4,783.0	4,794.0	476.19	4,200.0	0.50	1,600.0	
		Sand Size		Type	Amount		Conc (lb/gal)	
		20/40		Brown Sand	20,000.0			
		QUEEN, <Stage Number?>, Acidizing, 6/10/1969						
		Min Top Dep...	Max Btm De...	Total Clean...	Avg Treat Pr...	Q Treat Avg...	Post ISIP (psi)	Comment
		5,028.0	5,034.0	11.90				
		QUEEN, <Stage Number?>, Sand Frac, 6/10/1969						
		Min Top Dep...	Max Btm De...	Total Clean...	Avg Treat Pr...	Q Treat Avg...	Post ISIP (psi)	Comment
		5,028.0	5,034.0	476.19	4,200.0	0.50	1,600.0	
		Sand Size		Type	Amount		Conc (lb/gal)	
		20/40		Brown Sand	20,000.0			
		QUEEN, <Stage Number?>, Sand Frac, 4/17/1969						
		Min Top Dep...	Max Btm De...	Total Clean...	Avg Treat Pr...	Q Treat Avg...	Post ISIP (psi)	Comment
		5,083.0	5,088.0	261.90	4,700.0	0.25	2,000.0	
		Sand Size		Type	Amount		Conc (lb/gal)	
		20/40		Brown Sand	11,000.0			
		QUEEN, <Stage Number?>, Acidizing, 4/17/1969						
		Min Top Dep...	Max Btm De...	Total Clean...	Avg Treat Pr...	Q Treat Avg...	Post ISIP (psi)	Comment
		5,083.0	5,088.0	11.90				
		QUEEN, <Stage Number?>, Sand Frac, 4/17/1969						
		Min Top Dep...	Max Btm De...	Total Clean...	Avg Treat Pr...	Q Treat Avg...	Post ISIP (psi)	Comment
		5,028.0	5,032.0	357.14	4,800.0	0.25	2,600.0	
		Sand Size		Type	Amount		Conc (lb/gal)	
		20/40		Brown Sand	15,000.0			
		QUEEN, <Stage Number?>, Acidizing, 4/17/1969						
		Min Top Dep...	Max Btm De...	Total Clean...	Avg Treat Pr...	Q Treat Avg...	Post ISIP (psi)	Comment
		5,028.0	5,032.0	11.90				
		Well Notes						
		Date	Type 1	Type 2	Com			
		4/22/1969	Schematic	Notes	PERF @ 5028'-32', 5083'-5088'. ACDZ 5028'-32' w/ 500 gal. FRAC 5028'-32' w/ 15000 gal oil & 15000# 20/40 sd. ACDZ 5083'-88' w/ 500 gal & FRAC w/ 11000 gal oil & 11000# 20/40 sd.			
		6/17/1969	Schematic	Notes	PERF @ 5028'-34' w/ 2 jspf. ACDZ w/ 500 gal 15% NeFe. FRAC w/ 20000 gal wtr & 20000# 20/40 sd. PERF 4783'-94' w/ 2 jspf. ACDZ 4783'-94' w/ 500 gal & FRAC w/ 20000 gal wtr & 20000# 20/40 sd.			

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