

Submit 3 Copies 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
March 4, 2004

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

WELL API NO.

30-025-00719

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

057210

7. Lease Name or Unit Agreement Name

Queen B

8. Well Number

6

9. OGRID Number

217817

10. Pool name or Wildcat

Maljamar; Grayburg-San Andres

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 ☒ Injector

2. Name of Operator

ConocoPhillips Company

Attn: Celeste Dale

3. Address of Operator

4001 Penbrook Street Odessa, Texas 79762

4. Well Location

Unit Letter F: 1980 feet from the North line and 1980 feet from the West line

Section SE/4 NW/4 27 Township 17S Range 32E NMPM County Lea

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

DF 3,996'

Pit or Below-grade Tank Application (For pit or below-grade tank closures, a form C-144 must be attached)

Pit Location: UL F Sect 27 Twp 17S Rng 32E Pit type Steel Depth to Groundwater 70' Distance from nearest fresh water well 1/2 mile

Distance from nearest surface water 1/2 mile Below-grade Tank Location UL Sect Twp Rng ;

feet from the line and feet from the line

Using Steel Pit

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 COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ☐

CASING TEST AND CEMENT JOB ☐ ABANDONMENT ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach WBD of proposed completion/recompletion.

See Attached plugging procedure.

THE COMMISSION MUST BE NOTIFIED 24 HOURS PRIOR TO THE BEGINNING OF PLUGGING OPERATIONS FOR THE C-103 TO BE APPROVED.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Tim L. Chase TITLE Senior Engineer Technician DATE 6/10/04

Type or print name Tim L. Chase E-mail address: Jim@TriplenServices.com Telephone No. (432) 570-0029

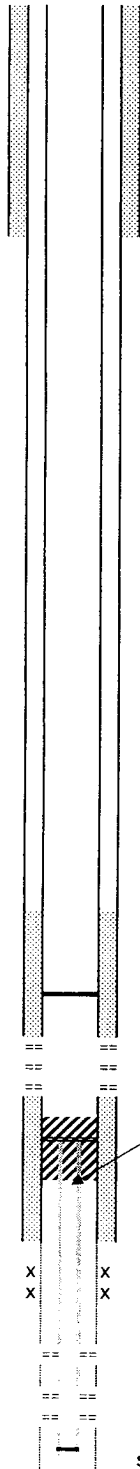
(This space for State use)

APPROVED BY Hayden Wink TITLE OC FIELD REPRESENTATIVE II/STAFF MANAGER DATE JUN 22 2004
Conditions of approval, if any:

CURRENT WELLBORE SKETCH
ConocoPhillips Company - Permian Basin Business Unit

Date: May 17, 2004

RKB @
 DF @ 3996'
 GL @



12-1/2" OD @ 20'
 Cemented w/25 sx cement

TOC of 5-1/2" Csg @ 2500'

CIBP @ 3130' (4/00)

Queen

3178-3204 - 2 JSPF (5/95)

Cmt Ret @ 3335' w.57 sx below & 35 sx above
 Top Liner @ 3337'

5-1/2" OD @ 3543'
 Cemented w/250 sx cement
 TOC @ 2500'

3760' sqz w/200 sx; TOC 3564'
 3800' Sqz w/118 sx cmt
 4-3/4" Hole
 OH 3543' - 4150'

Grayburg 6th

3856-38954 3912-3966

San Andres 7th

3912-3966 3980-3992

3998-4002 4010-4030 (266 holes) 10/89

Spot 30 sx cmt 4150'-4037'

CIBP @ 4088' pushed down from 3800'

Btm of Liner @ 4149'

4" OD Liner 10.46# set 3337'-4149'

PBTD: 3130'
 OTD: 3905'
 NTD: 4150'

Subarea : Maljamar
 Lease & Well No. : Queen-B No. 6 / (MCA Unit No. 147)
 Legal Description : 1980' FNL & 1980' FWL, SE/4 NW/4 Sec. 27,
 T-17-S, R-32-E N.M.P.M. Meridian
 County : Lea State : New Mexico
 Field : Maljamar (GB/SA)
 Date Spudded : May 19, 1942 IPP:
 API Number : 30-025-00719 403 BO, 0 BW
 Status:

Drilled as Baish "B" No. 6

Stimulation History:

| Interval | Date | Type | Gals | Lbs. Sand | Max Press | ISIP | Max Rate | Max Down |
|---------------|----------|---|------------|-----------|-----------|------|----------|----------|
| | 5/42 | Drilled with cable tools. | | | | | | |
| | 5/42 | Deepen from 3905' to 4105' | | | | | | |
| OH 3905-4100 | 6/11/42 | Nitroglycerine | 380 Quarts | | | | | |
| OH 3830-3900 | | Nitroglycerine | 140 Quarts | | | | | |
| | 11/23/57 | Plugged well back from 4100' to 4037' using 30 sx Neat cmt. | | | | | | |
| OH 3905-4037' | 11/26/57 | Gelled Lse Oil | 15,000 | 22,500 | 4000 | 1700 | 19.8 | |
| | 1/1/60 | Name changed to Queen-B No. 6 | | | | | | |
| | 5/1/63 | Utilized as MCA Unit No. 147 | | | | | | |
| | 10/1/65 | Run rods to install pump | | | | | | |
| | 12/15/65 | Hot oil flow lines to remove paraffin | | | | | | |
| | 4/12/66 | Hot oil flow lines to remove paraffin | | | | | | |
| | 9/18/66 | Hot oil flow lines to remove paraffin | | | | | | |
| | 9/27/69 | Located leak in csg between 60 and 90' from surface Cut casing @ 120', ran 107' 5-1/2" 14# J-55 csg w/Bowen csg bowl, latch onto csg @ 108', tst w/750# OK. Welded band on 5-1/2" csg. | | | | | | |
| | 10/6/69 | Ran 4-3/4" bit & CO fill from 3905' to 4150' | | | | | | |
| | 10/7/69 | Convert to wtr inj @ 1285 BWP @ 0 psi. 2-3/8" CL tbg w/660' 2" fiber glass tail pipe. Set pkr @ 3500', tail pipe @ 4100'. | | | | | | |
| 3674-4055 | 6/8/71 | 20% NEFE | 4,000 | | 2200 | 850 | 1.4 | |
| 3674-4055 | 6/9/71 | Gelled Water | 40,000 | 36,000 | 3500 | 1850 | 12.1 | |
| | 2/28/83 | CO w/coil tbg to 3800', ran injection survey | | | | | | |
| | 6/15/84 | CO 3800-3920' w/20 bbls 2% KCl | | | | | | |
| 3800-3920 | 6/18/84 | 15% NEFE HCl | 1,680 | | | | | |
| | 12/28/84 | WIH w/csg scraper to 3523'. WBIH w/Guib Uni VI pkr @ 3444' | | | | | | |
| | 9/20/89 | Jet wash 3540 to 4150' | | | | | | |
| | 10/4/89 | Tight spot in gauge hole @ 4050'; underream 4020-4060' | | | | | | |
| | 10/5/89 | Set 4", 10.46#, FL-45 csg liner w/ 250 sx cmt Top of Liner 3337'; btm of liner 4149' | | | | | | |
| | 10/16/89 | Perf 3856-3894, 3912-3966, 3980-3992, 3998-4002 & 4010-4030 | | | | | | |
| | 10/17/89 | GIH w/Otis Inter-Lock pkr @ 3742', circ pkr fluid | | | | | | |
| | 11/11/89 | 18 Hr Shut-in press 1375#. SI Temp indicates a channel up from top of perfs 3856 up to 3350'. Crossflow check indicates flow down from 3950' to 4000' and upward flow from 3900' up to top of 3856' 30 min SI press 1650#. | | | | | | |
| | 1/18/90 | Converted to CO2 injection | | | | | | |
| | 3/1/90 | Inj press 2110#. Tracer & velocity survey indicates major loss in perfs from 3856-84. No channel indicated and no pkr leak. SI temp indicates possible channel up. No crossflow indicated in zone. | | | | | | |
| | 9/19/90 | CO w/coil tbg, pmp 45 bbls acid | | | | | | |
| | 10/19/90 | Inj Profile - all CO2 loss in Upr zone @ 3850-3869' No flow below 3874', no upward channel indicated by tracer. | | | | | | |
| | 10/28/91 | Inj Profile: Losses 90% 3856-94; 10% 4020-30' | | | | | | |
| | 12/2/92 | Inj Profile: Major Loss 3860-70' | | | | | | |
| | 9/15/94 | bad csg @ 3748'; Set CIBP @ 3800'; pkr @ 3325', sqz w/118 sx cmt | | | | | | |
| | 9/27/94 | Mill up CIBP down to 4088' | | | | | | |
| | 1/12/95 | Archeological Clearance Report | | | | | | |
| | 2/23/95 | Isolate csg leak 8' from surf. | | | | | | |
| | 3/6/95 | Set Cmt Retainer @ 3335', pmp 57 sx. Stung out of retainer spot 35 sx on top of retainer; TOC @ 3325' | | | | | | |
| | 5/2/95 | Tag PBTD @ 3295'. Perf Queen 3178-3204' w/2 JSPF | | | | | | |
| 3178-3204 | 5/4/95 | 15% NEFE HCl | 1,470 | 78 BS | | | | |
| 3178-3204 | 5/5/95 | Aqua Frac 30 | | 38,000 | 2870 | 1865 | 17.8 | |
| | 5/30/95 | Test: 0 BO, 0 BW, 503 Mcf | | | | | | |
| | 4/19/00 | Set CIBP @ 3130', circulate packer fluid and test to 500# for 30 minutes. Held OK. POOH laying down tbg. TEMPORARILY ABANDONED | | | | | | |
| | 5/17/04 | Recommendation made to either recomplete in the Yates and Seven Rivers or plug and abandon. If decision is made to plug and abandon then work must be done in 2004. | | | | | | |

ConocoPhillips

Proposed Plugging Procedure

Queen -B- #6

Maljamar (Grayburg-San Andres) Field

Lea County, New Mexico

See attached wellbore diagrams for wellbore configuration

TA'd w/ CIBP/ (no cmt) @ 3,130' (held to 500# for 30 min 04/00). Top 108' of 5½" casing is 14# J-55 (remaining 5-1/2" weight/grade unknown). All perms (3,178 – 4,030') are isolated.

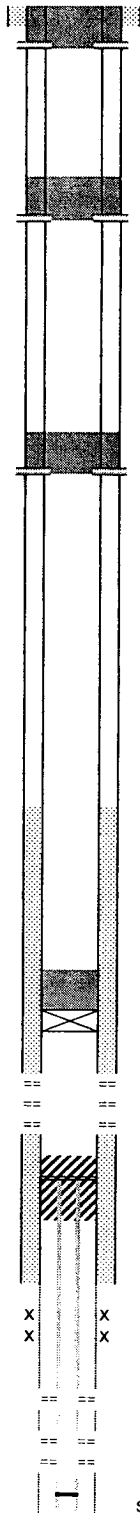
- Notify OCD 48 hrs prior to move in, and 4 hrs prior to plugs
 - Hold daily tailgate safety meetings w/ crews
 - Contact NM Digtess (1-800-321-2537, Account #6778) minimum 48 hrs prior to move-in
1. Set steel pit and flow down well as needed. Deliver 3,130' 2¾" workstring.
 2. MIRU plugging equipment. ND wellhead and NU 6" 3,000# manual BOP.
 3. RIH w/ workstring, tag CIBP @ 3,130'. Circulate hole w/ plugging mud and pump 25 sx C cement on CIBP to 3,030'. POOH w/ tubing. **GBSA Plug**
 4. RU lubricator and RIH w/ wireline, perforate 5½" casing w/ four 1-11/16" link-jet perforating gun @ 1,930'. POOH w/ wireline, RD lubricator.
 5. RIH w/ AD-1 packer. Load hole w/ plugging mud. Set packer. Establish rate into perforations and squeeze 35 sx C cement w/ 2% CaCl₂ @ 1,930 – 1,830'. **Base of Salt Plug – WOC & TAG**. POOH w/ tubing.
 6. RU lubricator and RIH w/ wireline, perforate 5½" casing w/ four 1-11/16" link-jet perforating gun @ 1,000'. POOH w/ wireline, RD lubricator.
 7. RIH w/ AD-1 packer. Load hole w/ plugging mud. Set packer. Establish rate into perforations and squeeze 35 sx C cement w/ 2% CaCl₂ @ 1,000 – 900'. **Top of Salt Plug – WOC & TAG**. POOH w/ tubing.
 8. RU lubricator and RIH w/ wireline, perforate 5½" casing w/ four 1-11/16" link-jet perforating gun @ 50'. POOH w/ wireline, RD lubricator.
 9. ND wellhead and NU BOP, establish circulation and circulate 25 sx C cement 50' to surface. **Surface plug**
 10. Cut off wellhead and anchors, install dry hole marker. Level location. Leave location clean and free of trash.

→ SPOT 100' PLUG F/400'-300' FRESHWATER PLUG

PROPOSED WELLBORE SKETCH
ConocoPhillips Company -- Permian Basin Business Unit

Date: June 9, 2004

RKB @ _____
 DF @ 3996'
 GL @ _____



12-1/2" OD @ 20' w/ 25 sx
 4) 25 sx C cmt 50' - Surface
 Perf & Sqz

3) 35 sx C cmt 1,000 - 900'
 Perf & Sqz Under Pkr
 Top of Salt @ 1,000' - TAG

2) 35 sx C cmt 1,930 - 1,830'
 Perf & Sqz Under Pkr
 Base of Salt @ 1,930' - TAG

TOC of 5-1/2" Csg @ 2500'

1) 25 sx C cmt on existing CIBP 3,130 - 3,030'
 CIBP @ 3130' (4/00)

Queen

3178-3204 -- 2 JSPF (5/95)

Cmt Ret @ 3335' w/57 sx below & 35 sx above
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3800' Sqz w/118 sx cmt

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OH 3543' - 4150'

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CIBP @ 4088' pushed down from 3800'

Btm of Liner @ 4149'

4" Liner 10.46# FL-45 set 3337'-4149' w/250 Sx

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 Cut casing @ 120', ran 107' 5-1/2" 14# J-55 csg w/Bowen
 csg bowl, latch onto csg @ 108', tst w/750# OK. Welded band
 on 5-1/2" csg.

PROPOSED PLUGGING PROCEDURE

- 1) CIBP w/ 25 sx C cement on existing CIBP, Balanced @ 3,130 - 3,030'
- 2) 35 sx C cement plug, Perf & Squeeze Under Packer @ 1,930 - 1,830' TAG
- 3) 35 sx C cement plug, Perf & Squeeze Under Packer @ 1,000 - 900' TAG
- 4) 25 sx C cement @ 50' - Surface, Perf & Squeeze