

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN THE CATEGORY
(Other Instructions on reverse side)

Form approved.
Budget Bureau No. 1004-1-35
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

NM-0540294-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Philly Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Frontier Hill

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 21, T-23-S, R-26-E

12. COUNTY OR PARISH

Eddy

13. STATE

N.M.

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—" for such proposals.)

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Coquina Oil Corporation

3. ADDRESS OF OPERATOR

P. O. Box 27725, Houston, Texas 77227-7725

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

See also space 17 below.
At surface

1980' FNL & 1980' FEL of Sec. 21

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

3337.0 GR

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Weekly Completion Report

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

12/10/90: SITP 2400 psig. Released packer. Estimated 50 barrels loss to formation. Pulled out of the hole with tubing and tools. Went in the hole with Howco Model "L" RBP. Set RBP at 10,440' K.B. Test with 4500 psig, O.K. Spotted 500 gallons 10% Acetic acid.

12/11/19: Pulled out of the hole with tubing and tools. Rig up HLS Lubricator. Test to 1500 psig. Went in the hole and perforated 1 shot per foot at 11,395', 10,400', 10,405', 10,408', 10,410', 10,412', 10,416', 10,417', 10,423', 10,427', and 10,428'. (11 holes). Went in the hole with RBP retrieving tool, 2 joints tubing, HLS tools (7 day 15,000 psig bombs), and tubing to approximately 10,350' K.B. Set packer. Pumped into formation at 2.1 BPM at 370 psig, increased to 3.6 BPM at 900 psig, final 3.4 BPM at 1380 psig. ISDP 850 psig, 5 minutes 660 psig, 10 minutes 600 psig. Rig up to swab, opened well to pit on 3/4" choke, recovered estimated 6 barrels of water. Made 2 swab runs, Initial fluid level at surface, final fluid level 1700' from surface. Recovered 12 barrels load water. Total load left to recover 57 barrels.

12/13/90: 7:00 AM SITP slight vacuum. Rig up for swab, initial fluid level 700' from surface.

Made 7 swab runs, began to flow: beginning flow gauge

8:30 AM 1/2" choke, FTP 800 psig, too wet to burn

with spent acid water.

2:00 PM 3/4" choke FTP 40 psig, Gas, 1/2" stream of water.

2:15 PM 3/4" choke FTP 40 psig, Shut in for pressure build

Continued on reverse side.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

Agent

DATE

1/2/91

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

2:30 PM SI SITP 210 psig

3:45 PM SI SITP 550 psig

Opened to pit on 3/4" choke

4:00 PM 3/4" choke FTP 500 psig, dry gas

4:45 PM 3/4" choke FTP 125 psig, Very heavy mist,
intermittent flare.

Shut in. Estimated recovery for day at 97 barrels, 115 barrels total recovery, 45 barrels overload.

12/13/90:

14.5 hour SI trap pressure 275 psig, open bottom valve, in 1 minute 350 psig, in 2 minutes 500 psig, in 3 minutes 750 psig, in 4 minutes 1050 psig. At 7:40 AM 1375 (9 minutes) Opened to pit on 1/2" choke, condensate in 2 minutes (1/2 barrel), full heavy stream of water in 3 minutes.

8:00 AM 1/2" choke FTP 1100 psig, flare with light spray.

10:30 AM 1/2" choke FTP 60 psig Dry gas.

Shut well in for 2 hours build up at surface.

11:30 AM SITP 440 psig

1:30 PM SITP 925 psig

Open on 3/4" choke; fluid to surface in 11 minutes, one barrel condensate then water in 6 minutes.

2:00 PM 3/4" choke FTP 250 psig, intermittent flare

4:30 PM open FTP 60 psig, flare with light water
spray.

4:40 PM open FTP 60 psig, Shut in at bottom.

Estimated 1 MMCF/day plus 20 barrels water.

12/14/90:

SI 14 1/2 hours. SITP 225 psig. Opened bottom hole valve, tubing pressure in 1 minute 350 psig, in 2 minutes 475 psig, in 3 minutes 625 psig, in 4 minutes 900 psig, in 5 minutes 1200 psig, in 30 minutes 1300 psig. 7:40 AM opened to pit on 3/4" choke, Fluid to surface in 30 seconds, 1/4 barrel condensate, 5 barrels water to mist.

8:00 AM 3/4" choke FTP 900 psig Dry gas

Shut well in to hook up production unit:

9:00 AM SITP 350 psig

Start through unit: 4" X 1 1/4 Coeff: = 7.49

9:15 AM 32/64" choke, FTP 175 psig, Static 100, Diff 52, 525 MCF/day

11:00 AM switch from unit to flow line

11:30 AM 1" choke, FTP 50 psig, Light water spray

3:30 PM 1" choke, FTP 50 psig light water spray

3:40 PM Shut well in for build up.

12/15/90:

Opened packer bypass valve and circulated down casing with 150 barrels 2% KCL water to kill well. Released packer, ran 3 joints tubing and sub. Circulated sand off of RBP. Pick up RBP and pulled out of the hole.

12/16/90:

Rigged up HLS. Ran CIBP and set at 10,380' K.B. Made one run with dump bailer and capped BP with 15' of cement. Trip in hole with tubing. Spotted 500 gallons 10% acetic acid at 10,358' K.B.

12/17/90:

Rig up Halliburton Logging Service. Perforate with 4" Premium Cased hole gun from 10,111' to 10,335' with 50 (1/2") holes as follows: 10,111', 115', 116', 118', 120', 127', 129', 131', 137', 138', 148', 151', 152', 167', 169', 171', 173', 175', 188', 194', 196', 197'. 10,203', 232', 240', 245', 247', 251', 253', 256', 258', 261', 291', 293', 296'. 10,304', 306', 307', 309', 311', 313', 315', 317', 319', 321', 323', 326', 331', 333', 335'. Attempted to load hole, pumped 60 barrels 2% KCL water at 4 BPM, did not load hole. Continue to pump at reduced rate while running tubing in the hole, Ran flowing tubing assembly. Set packer at 10,056' K.B. with 12,000# compression. While running packer and tubing fluid level at 2500' from surface.