

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other ☐
2. NAME OF OPERATOR
Getty Oil Company
3. ADDRESS OF OPERATOR
P.O. Box 3360, Casper, WY 82602-3360
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1850' FNL & 1460' FWL of Section 15
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

SUBSEQUENT REPORT OF:

- ☐
☐
☐
☐
☐
☐
☐
☐

(other) Notice of Intention to Complete Well.

5. LEASE
NM - 020505
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
-
7. UNIT AGREEMENT NAME
-
8. FARM OR LEASE NAME
Mexico Federal "N"
9. WELL NO.
#2
10. FIELD OR WILDCAT NAME
Otero Chacra
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 15-T29N-R11W
12. COUNTY OR PARISH
San Juan
13. STATE
New Mexico
14. API NO.
-
15. ELEVATIONS (SHOW DF, KDB, AND WD)
5631' GR

RECEIVED
JUN 10 1983
(NOTE: Report results of multiple completion or log change on Form 9-330.)
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

RECEIVED
JUN 15 1983
OIL CON. DIV.
DIST. 3

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.)*

Getty Oil Company proposes to complete this well according to the attached completion procedure.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED [Signature] TITLE Area Superintendent DATE 6-9-83

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

NMOCC

COMPLETION PROCEDURE
MEXICO FEDERAL "N" NO. 2

1. Move in rig up completion unit.
2. Nipple down wellhead, nipple up BOP. Test BOP to 3000 psi for 15 minutes.
3. Pick up and trip in hole with 3 7/8" bit, 4 1/2" casing scraper and 2 3/8" tubing. Drill out cement to float collar (3063'). Circulate hole clean with 2% KCl water. Trip out of hole with tubing, casing scraper, and bit. Lay down bit and casing scraper.
4. Rig up wireline unit. Trip in hole with CBL-VDL-CL and GR logs to PBSD (3063'). Log hole from PBSD (3063') to surface. Rig down wireline unit. Pressure test casing to 3000 psi for 15 minutes.
5. Trip in hole with tubing to 3015'. Spot 220 gals of 10% acetic acid from 3015' to 2695'. Pull up hole to 2500'. Swab fluid level down to 1600'. Trip out of hole with tubing.
6. Rig up wireline unit for perforating. Trip in hole with 3 5/8" HSC gun with 14.0 gram charges, 0.39 effective hole diameter, and 0/120° phasing. Perforate the Chacra with 1 SPF in the following intervals:

2896' - 2908'	8'
2982' - 2994'	12'
3002' - 3006'	4'
Total Footage	24'
7. Trip out of hole with perforating gun. Rig down wireline unit.
8. Pick up 4 1/2" retrievable packer. Trip in hole with packer and tubing to 2750'. Set packer at 2750'.
9. Acidize perfs with 1,200 gals of 15% HCl acid containing 1 gal/1000 gals clay stabilizer (CLA STA or equivalent), 2 gals/1000 gals surfactant (Pen-5 or equivalent), 25/bbl/1000 gals citric acid flakes, 1 gal/1000 gal acid inhibitor (HAI-55 or equivalent), and 600 SCF/bbl N₂. Drop 2-7/8" RCN ball sealers per bbl (56 total) throughout acid. Pump rate will need to be minimum of 5 BPM to have any ball off action. Displace acid with 5300 SCF N₂.
10. Shut well in 1 hour.

RECEIVED

JUN 15 1983

OIL CON. DIV.
DIST. 3

Perforation depths are to be correlated with CNL-FDL-GR logs dated May 11, 1983.

Completion Procedure
Page 2

11. Flow back spent acid.
12. Unseat packer. Lower packer past perfs knocking off any remaining ball sealers. Trip out of hole with tubing.
13. Rig up stimulation company and frac the Chacra down casing as per attached frac schedule.
14. Shut well in for 3 hours.
15. Gradually open well to pit. Flow back frac fluid.
16. Trip in hole with tubing. Circulate out any fill.
17. Set tubing at 3000'.
18. Flow test Chacra.
19. After testing Chacra, kill well with 2% KCl water containing 1 gal/1000 gals clay stabilizer (CLA STA or equivalent). Check well for fill. Circulate out any fill with 2% KCl containing 1 gal/1000 gals clay stabilizer (CLA STA or equivalent).
20. Set tubing at 3000'.
21. Nipple down BOP nipple up wellhead.
22. Kick well off with N₂.
23. Rig down, move out completion unit.