

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
Tenneco Oil Company
3. ADDRESS OF OPERATOR
720 S. Colo. Blvd., Denver, CO 80222
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
950'FSL, 2205'FEL, Unit 0
AT SURFACE:
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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) Repair casing leak test additional pay

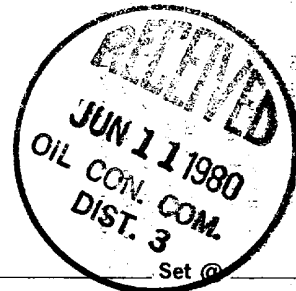
5. LEASE
N00-C-14-20-3622
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Gallegos
9. WELL NO.
4
10. FIELD OR WILDCAT NAME
Basin Dakota
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 33; T26N; R11W
12. COUNTY OR PARISH
San Juan
13. STATE
New Mexico
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
6298'

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

5/18/80

Per verbal approval of Frank Chavez to Mike Gregory, Tenneco has repaired a casing leak by following the attached procedure. In addition, we request to test an additional pay in the Dakota formation. A summary of the proposed operations are included on the attached form.



Subsurface Safety Valve: Manu. and Type _____

Set @ _____ Ft.

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

SIGNED

Curly Harkness

Admin. Supervisor

DATE

5/28/80

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

sh Smith

1000

*See Instructions on Reverse Side

APPROVED
JUN 10 1980
James F. Sims
JAMES F. SIMS
DISTRICT OIL & GAS SUPERVISOR

LEASE GallegosWELL NO. 4

8-5/8" OD, 24 LB, K-55 CSG. W/ 300 SX
 TOC @ surface

5-1/2" OD, 15.5 LB, K-55 CSG. W/ 600 SX
 TOC @ DV @ 3806' 1st stage 300 sx
 2nd stage 300 sx

DETAILED PROCEDURE

1. MIRUSU.
2. Kill well w/1% KCl wtr if necessary.
3. POOH w/tbg.
4. RIH w/hydrostatic bailer & CO to PBTD. POOH w/tbg.
5. RIH w/tbg & set RBP @5700'. POOH w/tbg.
6. RIH w/5-1/2" fullbore cementer & tubing tester. Test tbg to 2000 psi. Set pkr @5500'. Test RBP to 500 psi. Spot 1 sx sd on RBP.
7. Test annulus to determine rate into leak.
8. POOH testing dn tbg & annulus looking for leak.
9. Set pkr 400 ft above leak.
10. Squeeze leak w/150 sxs class B cmt w/2% CaCl₂ & 6-1/4#/sx gilsonite.
11. If no pressure is encountered during squeeze, overdisplace w/5 BW & resqueeze.
12. When squeeze is obtained, release the pkr, reverse tbg clean, pull one stand, repressure tbg and SDON.
13. Bleed off pressure & POOH w/pkr.
14. DO cmt w/bit & collars.
15. PT to 500 psi, resqueeze if necessary. POOH.
16. RIH w/tbg & circulate sd off RBP. Release RBP & POOH w/tbg & RBP.
17. Perforate Dakota "D" zone with ~~2-7/8"~~ 4" premium charge csg gun & 2 SPF from 5908'-5918' and 5924'-5934'.
18. RIH w/2-7/8" tbg & tension pkr & hydrotest to 5500 psi. Set pkr @5880'. Fill annulus w/1% KCl wtr.
19. Breakdown & establish rate w/1% KCl wtr. Acidize perms w/500 gal 15% HCL acid & 40 balls. RIH w/pkr & knockoff 6 gal.
20. Frac w/30# cross-linked gel in 1% KCl wtr at 20 BPM as follows: 15 to
 - 10,000 gal pad
 - 10,000 gal w/1 ppg 20/40 sd
 - 15,000 gal w/2 ppg 20/40 sd
 - 5,000 gal w/2 ppg 10/20 sd
 - Flush to top perf.
 - Max press = 5000 psi
 - Total sand: 40,000# 20/40
 - 10,000# 10/20
 - Total gel: 40,000 gal.
21. SI overnight.
22. Flow back to CU & test rate.
23. Kill well w/1% KCl water. POOH and lay down 2-7/8" tbg & pkr.
24. Pick up & RIH w/2-3/8" tbg & hydrostatic bailer & CO to PBTD. POOH.
25. Set Model D pkr w/expendable plug in place @5800'.

* If communicated, call in

....4

8 5/8" @
615'2 7/8", 6.5#
tbg 2

5830'

5856'

5 1/2" @
6070'PBTD =
6035'

LEASE Gallegos

WELL NO. 4

 "OD, LB, CSG.W/ SX
TOC @ .

 "OD, LB, CSG.W/ SX
TOC @ .

DETAILED PROCEDURE

26. RIH w/2-3/8" tbg, production tube, seal assembly, sliding sleeve, and F nipple.
27. Circulate hole w/clean wtr containing 1 drum of corrosion inhibitor.
28. Land tbg in Model D pkr.
29. NDBOP. NUWH.
30. Swab well in and flow to clean up.
31. RDMOSU.