

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

SF-078049

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Hughes A LS

9. WELL NO.

1 A

10. FIELD AND POOL, OR WILDCAT

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

Sec. 33, T29N, R8W

12. COUNTY OR PARISH 13. STATE

San Juan

NM

RECEIVED

AUG 28 1985

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

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.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR
Tenneco Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 3249, Englewood, CO 80155

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

800' FSL, 975' FEL

14. PERMIT NO.

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

6368' GL

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANE

(Other)

XX

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

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.)*

Tenneco requests permission to dual the reference well by completing the PC zone according to the attached detailed procedure.

RECEIVED
SEP 03 1985
OIL CO. DIV.
DIST. 3

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

SIGNED

TITLE Senior Regulatory Analyst

DATE AUG 27 1985

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

DATE AUG 29 1985

AREA MANAGER
FARMINGTON RESOURCE AREA

*See Instructions on Reverse Side
NMOCC

4816/2

LEASE Hughes A LS

WELL NO. 1A

CASING:

9-5/8"OD, 36 LB, K-55 CSG.W/ 224 cf

TOC @ surf. HOLE SIZE _____ DATE: 3-27-79

REMARKS _____

7"OD, 20 LB, K-55 CSG.W/ 297 cf

TOC @ 2400'. HOLE SIZE _____ DATE: 3-31-79

REMARKS _____

4-1/2"OD, 10.5 LB, K-55 CSG.W/ 430 cf DATE: _____

TOC @ _____. HOLE SIZE _____ DATE 4-03-79

REMARKS TOL @ 3063'

TUBING:

2-3/8"OD, 4.7 LB, J-55 GRADE 8 RD, EUE CPLG

LANDED @ 5554'. SN, PACKER, ETC. _____

_____"OD, _____LB, _____GRADE, _____RD, _____CPLG

LANDED @ _____. SN, PACKER, ETC. _____

DETAILED PROCEDURE:

1. MIRUSU. Kill well w/2% KCl wtr. NDWH, NUBOP. RIH & tag PBD. CO w/foam if necessary. Tally out of hole w/tbg.
2. Set Model D pkr w/exp plug @ 3050' on W.L. Dump 2 sxs sd on pkr. Load hole w/2% KCl water. PT csg to 2500 psi. NDBOP and replace single tbg head w/dual tbg head. NUBOP.
3. Run cased hole GR-CNL-CCL from 3050' to 1050'. Telecopy results to Denver.
4. Perforate the PC as per G.E. recommendation w/4" premium charge csg gun and 2 JSPF.
5. RIH w/7" fullbore pkr., SN and 2-3/8" tbg Set pkr \pm 150' above perfs. PT casing to 500 psi. Break down perfs w/2% KCl wtr. Acidize PC dn tbg w/40 gal per perf'd foot weighted 15% HCl and 50% excess ball sealers. Release pkr and RIH past perfs. Blow hole dry w/N₂. POOH w/tbg, SN & pkr.

218'

3063'

3230'

Mesaverde:
4418'-5060'
(27 shots)

5094-5537'
(26 shots)

5554'

5595'

5614'

PROCEDURE - PAGE 2

LEASE NAME: Hughes A LS WELL NUMBER: 1 A

6. Frac PC dn csg w/70 quality foamed 2% KCl water and 20/40 sd @ 2500 psi max. Use attached design graph to calculate volumes. Call Denver to confirm design. SI for 2 hrs and flow back to pit thru 1/2" tapped bull plug.
7. Kill well w/2% KCl water. RIH w/2-3/8" tbg w/muleshoe on btm and F/N w/exp check valve 1 jt off btm. Position seal assembly and blast joints to land the tbg @ $\pm 5550'$ with blast jts across from PC intervals. CO to Model D pkr w/foam. Knock out plug and land 2-3/8" long string.
8. RIH w/1-1/4" tbg W/SN, pump out plug and perforated, orange peeled sub on btm. Land short string @ \pm btm of PC perfs.
9. NDBOP, NUWH. Pump out check valve from long string. Swab in Mesa Verde if necessary. Pump out plug in short string and kick around w/N₂. FTCU.
10. SI PC for AOF.