

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Tenneco Oil Company		8. FARM OR LEASE NAME Hughes LS	
3. ADDRESS OF OPERATOR P. O. Box 3249, Englewood, CO 80155		9. WELL NO. 1 A	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 925' FNL, 1850' FWL		10. FIELD AND POOL, OR WILDCAT Blanco Mesaverde	
14. PERMIT NO.		15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6408' GL	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 19, T 29N, R8W	
		12. COUNTY OR PARISH San Juan	
		13. STATE NM	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input checked="" type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

(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.

*Need dedication plat for Pictured Cliffs*

RECEIVED  
SEP 12 1985  
OIL CON. DIV.  
DIST. 3

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

SIGNED

*John McKinney*

TITLE Senior Regulatory Analyst

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

APPROVED

DATE July 11, 1985

DATE SEP 09 1985

AREA MANAGER  
FARMINGTON RESOURCE AREA

\*See Instructions on Reverse Side

NMOCC

4817/2

LEASE Hughes LS

WELL NO. 1A

CASING:

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

TOC @ surf. HOLE SIZE DATE: 2-28-78

REMARKS

7"OD, 20 LB, K-55 CSG.W/ 372 cf

TOC @ 1750'. HOLE SIZE DATE: 3-04-78

REMARKS

4-1/2"OD, 10.5 LB, K-55 CSG.W/ 434 cf DATE:

TOC @ . HOLE SIZE DATE 3-10-78

REMARKS TOL @ 3201'

TUBING:

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

LANDED @ 5629'. 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 PBSD. CO w/foam if necessary. Tally out of hole w/tbg.
2. Set Model D pkr w/exp plug @ 3/80' 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 3180' to 1180'. 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/N<sub>2</sub>. POOH w/tbg, SN & pkr.

220'

3201'

3360'

Mesaverde:  
4646'-5115'  
(21 shots)

5250'-5618'  
(19 shots)

5629'

5681'

5699'

PROCEDURE - PAGE 2LEASE NAME: Hughes 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 @  $\pm$  5630' 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 perms.
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/N<sub>2</sub>. FTCU.
10. SI PC for AOF.